

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062854.D
 Acq On : 12 Aug 2020 13:36
 Operator : JC/MD
 Sample : VN0812WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Quant Time: Aug 13 05:21:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	145486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	233972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	218763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104020	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	112594	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
35) Dibromofluoromethane	7.55	113	78434	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.06	98	289082	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
62) 4-Bromofluorobenzene	12.38	95	105790	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	36784	17.657	ug/l 99
3) Chloromethane	2.04	50	31417	15.981	ug/l 99
4) Vinyl Chloride	2.16	62	32618	17.690	ug/l 97
5) Bromomethane	2.51	94	24796	20.314	ug/l 99
6) Chloroethane	2.66	64	26046	21.471	ug/l 96
7) Trichlorofluoromethane	2.97	101	65800	20.012	ug/l 100
8) Diethyl Ether	3.37	74	16262	17.277	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	24565	17.961	ug/l 98
10) Methyl Iodide	3.91	142	28423	17.835	ug/l 97
11) Tert butyl alcohol	4.74	59	33591	85.187	ug/l # 86
12) 1,1-Dichloroethene	3.69	96	22434	17.343	ug/l 95
13) Acrolein	3.57	56	14652	61.370	ug/l 97
14) Allyl chloride	4.27	41	38197	14.996	ug/l 97
15) Acrylonitrile	4.93	53	78506	85.838	ug/l 99
16) Acetone	3.78	43	71106	81.793	ug/l 100
17) Carbon Disulfide	4.01	76	58857	16.102	ug/l 99
18) Methyl Acetate	4.28	43	38676	18.089	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	100199	17.776	ug/l 97
20) Methylene Chloride	4.50	84	30083	18.429	ug/l 90
21) trans-1,2-Dichloroethene	4.99	96	24801	17.035	ug/l 92
22) Diisopropyl ether	5.90	45	93989	17.334	ug/l 94
23) Vinyl Acetate	5.85	43	321818	78.029	ug/l 99
24) 1,1-Dichloroethane	5.80	63	54164	17.045	ug/l 100
25) 2-Butanone	6.79	43	104293	84.705	ug/l 100
26) 2,2-Dichloropropane	6.78	77	48784	16.655	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	30235	17.312	ug/l 94
28) Bromochloromethane	7.15	49	26153	17.053	ug/l 94
29) Tetrahydrofuran	7.17	42	65912	82.400	ug/l 94
30) Chloroform	7.33	83	59408	17.592	ug/l 94
31) Cyclohexane	7.61	56	47433	16.261	ug/l 92
32) 1,1,1-Trichloroethane	7.53	97	53015	17.559	ug/l 97
36) 1,1-Dichloropropene	7.75	75	37566	16.489	ug/l 98
37) Ethyl Acetate	6.89	43	39080	16.421	ug/l 100
38) Carbon Tetrachloride	7.73	117	47912	17.782	ug/l 91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062854.D
 Acq On : 12 Aug 2020 13:36
 Operator : JC/MD
 Sample : VN0812WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Quant Time: Aug 13 05:21:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	43994	16.046	ug/l	96
40) Benzene	8.00	78	115788	17.032	ug/l	98
41) Methacrylonitrile	7.13	41	15927	14.831	ug/l #	73
42) 1,2-Dichloroethane	8.09	62	51343	17.744	ug/l	99
43) Isopropyl Acetate	8.13	43	62966	15.863	ug/l	99
44) Trichloroethene	8.80	130	28542	17.233	ug/l	99
45) 1,2-Dichloropropane	9.08	63	31322	17.023	ug/l	96
46) Dibromomethane	9.17	93	22046	18.287	ug/l	98
47) Bromodichloromethane	9.37	83	48142	17.780	ug/l	96
48) Methyl methacrylate	9.17	41	31675	16.223	ug/l	97
49) 1,4-Dioxane	9.17	88	12390	342.478	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	218734	85.167	ug/l	100
52) Toluene	10.13	92	74138	17.663	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	49545	16.635	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	51577	17.248	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	33515	18.695	ug/l	96
56) Ethyl methacrylate	10.40	69	45320	16.796	ug/l	97
57) 1,3-Dichloropropane	10.68	76	53509	17.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	54884	71.958	ug/l	98
59) 2-Hexanone	10.72	43	160538	83.797	ug/l	100
60) Dibromochloromethane	10.88	129	37185	18.177	ug/l	98
61) 1,2-Dibromoethane	10.98	107	31804	17.979	ug/l	99
64) Tetrachloroethene	10.61	164	24710	17.506	ug/l	97
65) Chlorobenzene	11.41	112	80013	17.497	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	34863	18.984	ug/l	94
67) Ethyl Benzene	11.49	91	139415	17.037	ug/l	95
68) m/p-Xylenes	11.60	106	105376	35.474	ug/l	98
69) o-Xylene	11.92	106	50314	18.074	ug/l	99
70) Styrene	11.94	104	87362	17.854	ug/l	99
71) Bromoform	12.10	173	26342	17.532	ug/l #	97
73) Isopropylbenzene	12.23	105	140635	17.955	ug/l	99
74) N-amyl acetate	12.05	43	54937	17.308	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	50664	18.374	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	67067	23.907	ug/l #	100
77) Bromobenzene	12.50	156	35693	18.340	ug/l	93
78) n-propylbenzene	12.57	91	162643	17.689	ug/l	99
79) 2-Chlorotoluene	12.65	91	102180	17.722	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	125098	18.410	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	15478	16.843	ug/l	94
82) 4-Chlorotoluene	12.75	91	106663	17.952	ug/l	100
83) tert-Butylbenzene	12.97	119	103402	17.983	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	118045	18.158	ug/l	99
85) sec-Butylbenzene	13.15	105	134400	17.800	ug/l	98
86) p-Isopropyltoluene	13.26	119	119150	17.777	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	60587	17.426	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	60917	17.469	ug/l	97
89) n-Butylbenzene	13.59	91	90675	15.996	ug/l	98
90) Hexachloroethane	13.85	117	25409	17.588	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	58555	17.964	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.25	75	10650	17.991	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
Data File : VN062854.D
Acq On : 12 Aug 2020 13:36
Operator : JC/MD
Sample : VN0812WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Quant Time: Aug 13 05:21:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

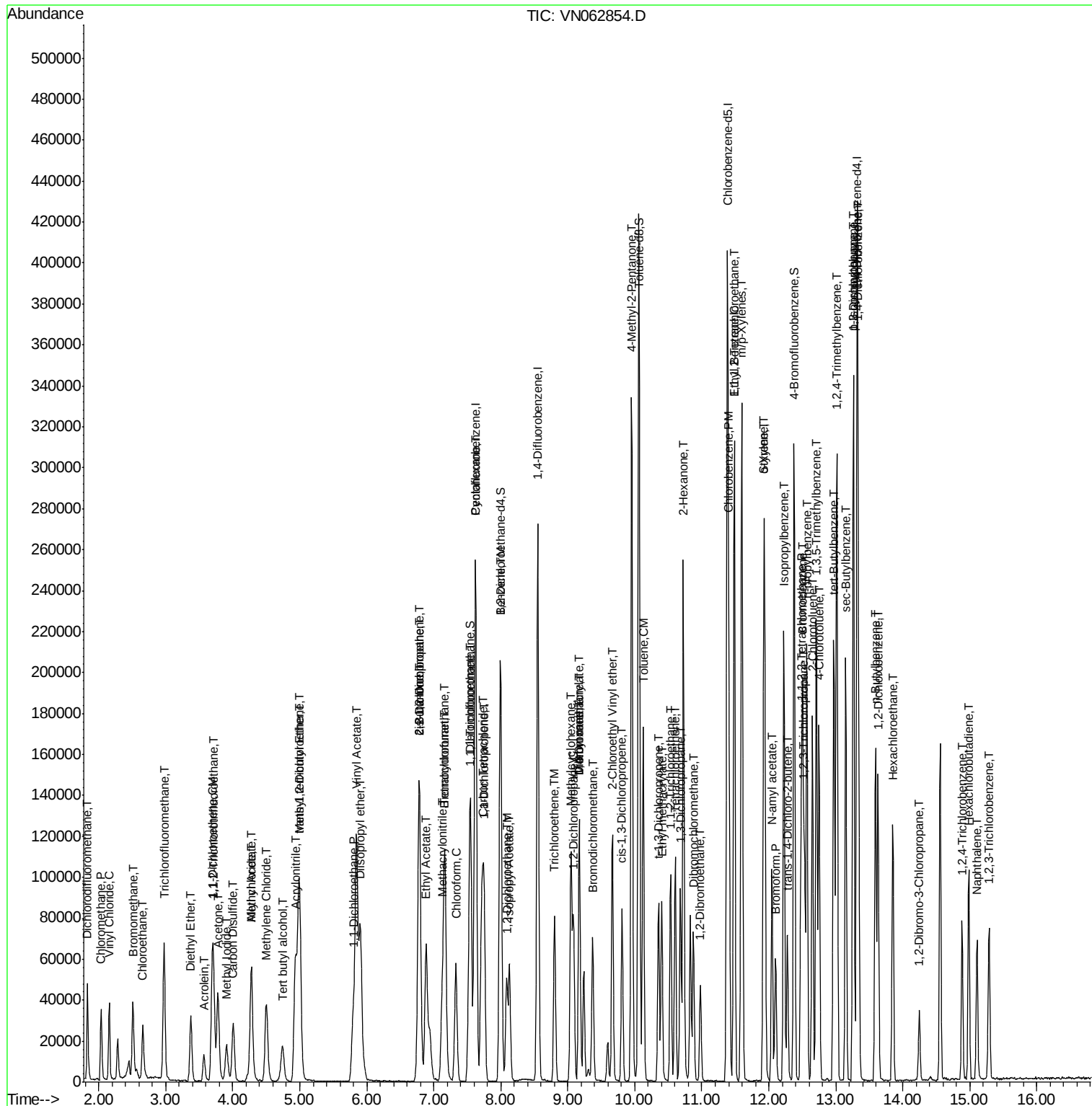
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	24132	16.191	ug/l	94
94) Hexachlorobutadiene	14.98	225	19944	18.464	ug/l	96
95) Naphthalene	15.11	128	57194	14.782	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	24213	16.005	ug/l	98

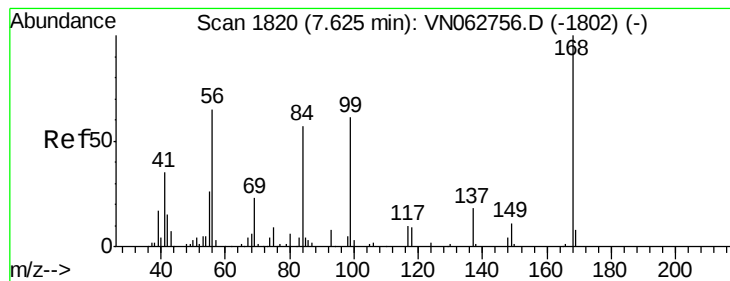
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
Data File : VN062854.D
Acq On : 12 Aug 2020 13:36
Operator : JC/MD
Sample : VN0812WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Quant Time: Aug 13 05:21:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

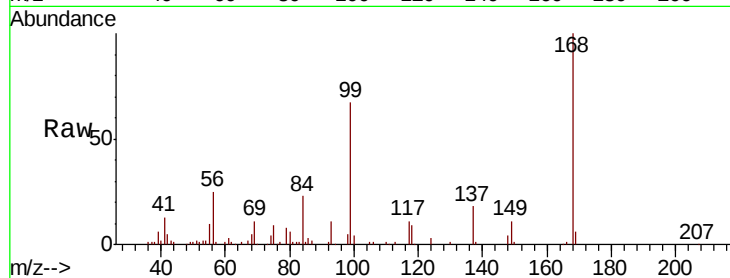
VN0812WBS01

Tot Ion:168 Resp: 145486

Ion Ratio Lower Upper

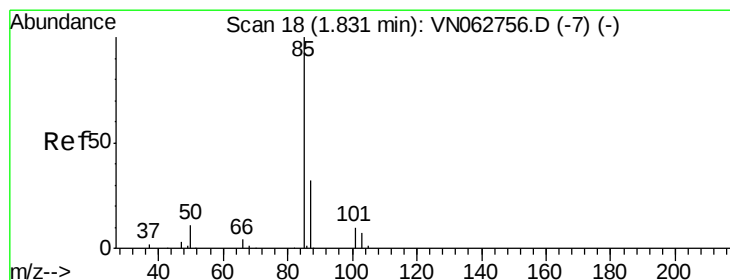
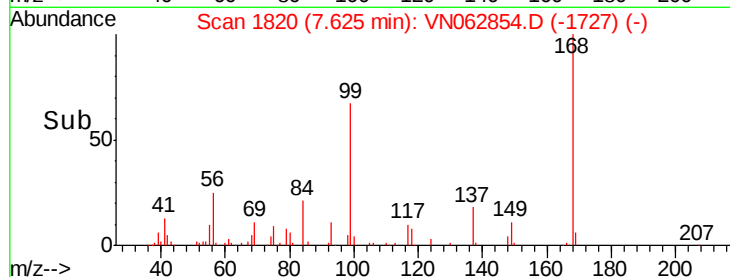
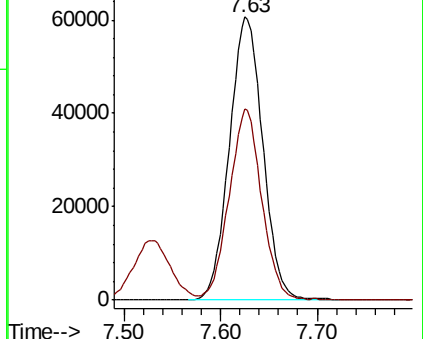
168 100

99 67.5 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062756.D (-1802) (-)

Ion 98.90 (98.60 to 99.60): VN062756.D (-1802) (-)



#2

Dichlorodifluoromethane

Concen: 17.657 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062854.D

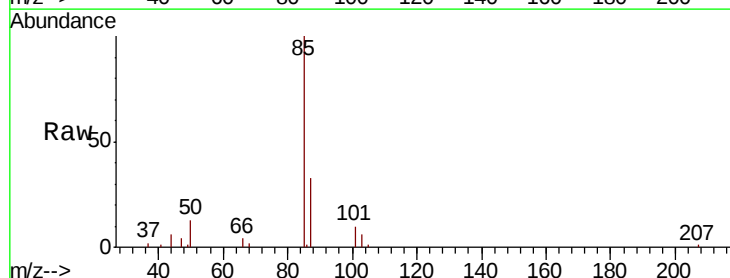
Acq: 12 Aug 2020 13:36

Tgt Ion: 85 Resp: 36784

Ion Ratio Lower Upper

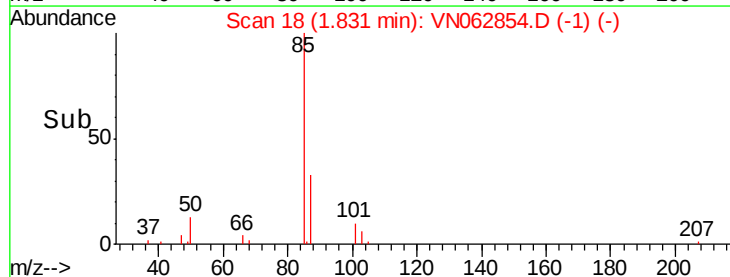
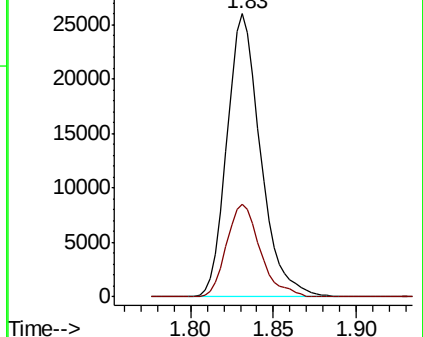
85 100

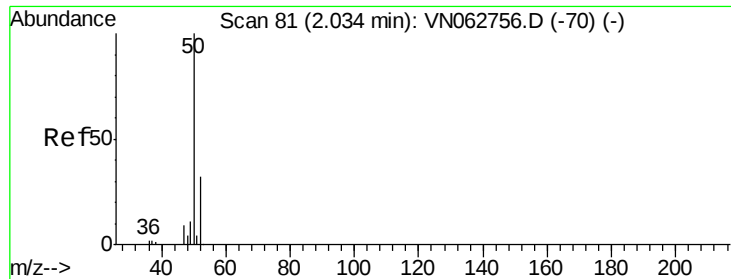
87 32.8 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN062756.D (-7) (-)

Ion 86.90 (86.60 to 87.60): VN062756.D (-7) (-)





#3

Chloromethane

Concen: 15.981 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

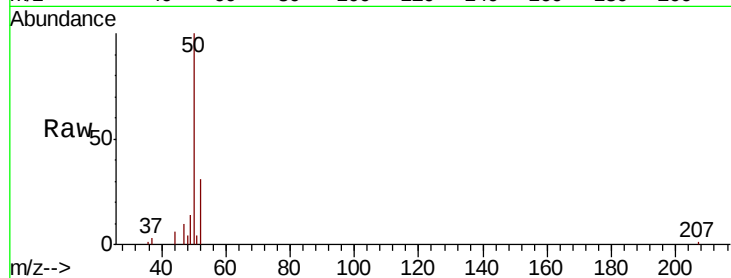
VN0812WBS01

Tot Ion: 50 Resp: 31417

Ion Ratio Lower Upper

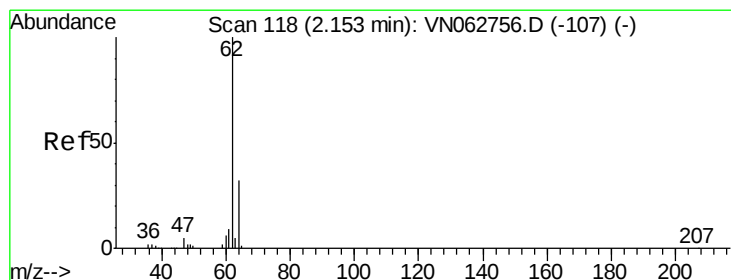
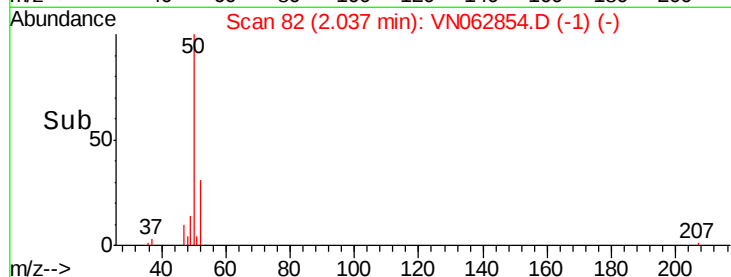
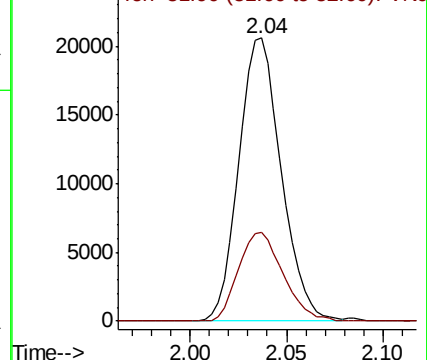
50 100

52 31.4 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 17.690 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062854.D

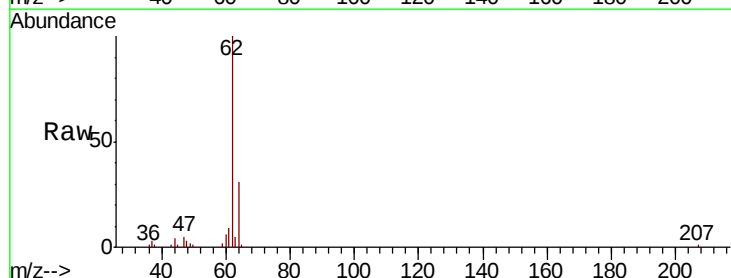
Acq: 12 Aug 2020 13:36

Tgt Ion: 62 Resp: 32618

Ion Ratio Lower Upper

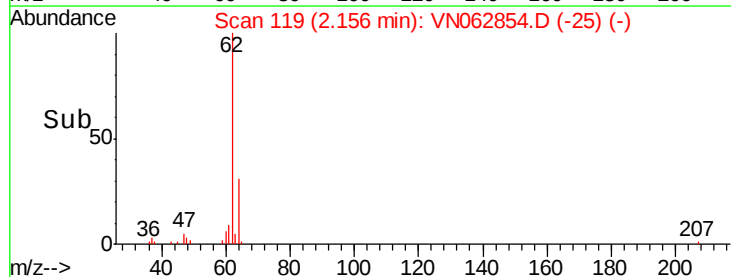
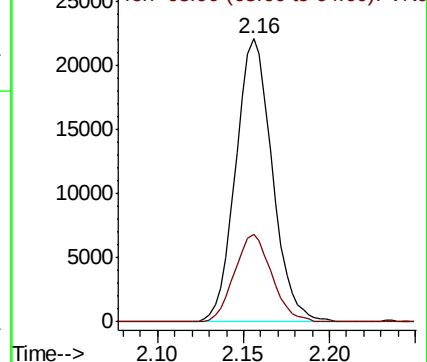
62 100

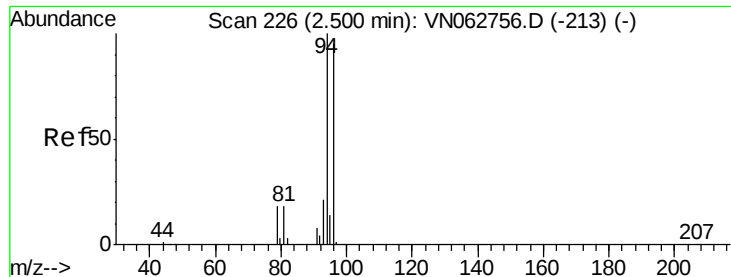
64 30.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 20.314 ug/l

RT: 2.51 min Scan# 229

Delta R.T. 0.01 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

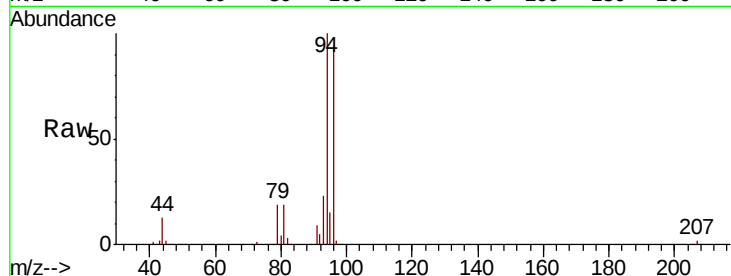
VN0812WBS01

Tot Ion: 94 Resp: 24796

Ion Ratio Lower Upper

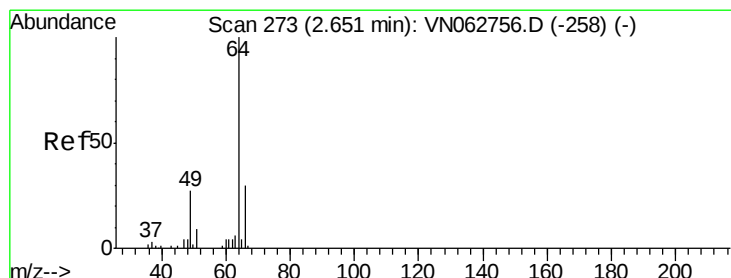
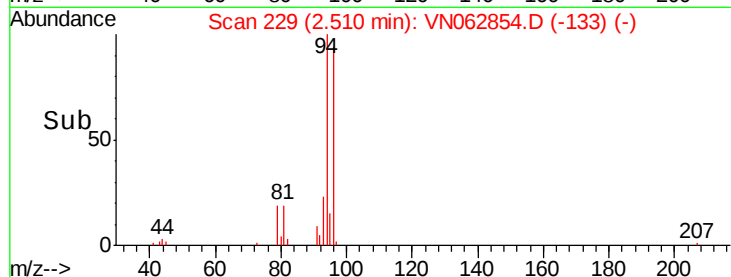
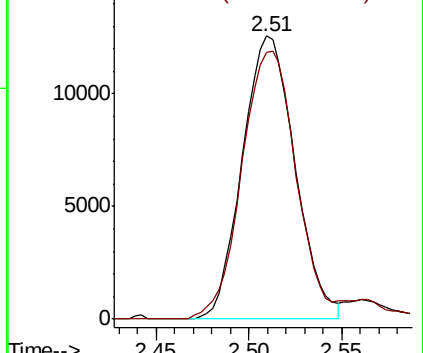
94 100

96 94.0 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.471 ug/l

RT: 2.66 min Scan# 275

Delta R.T. 0.01 min

Lab File: VN062854.D

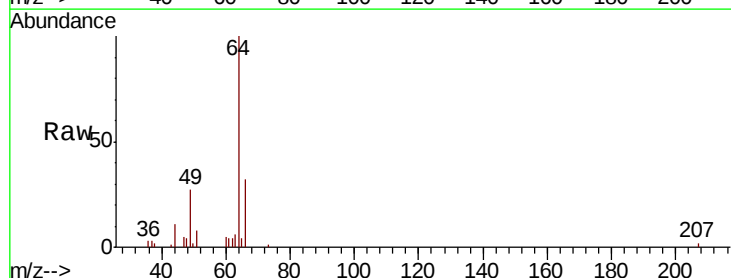
Acq: 12 Aug 2020 13:36

Tgt Ion: 64 Resp: 26046

Ion Ratio Lower Upper

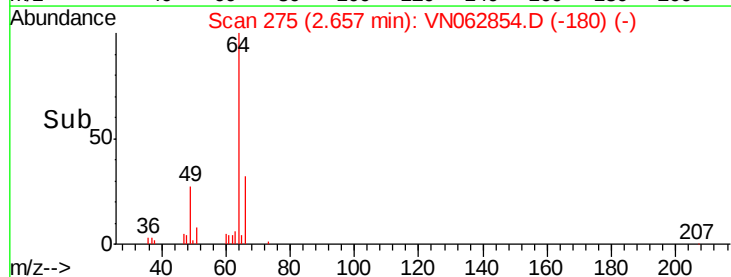
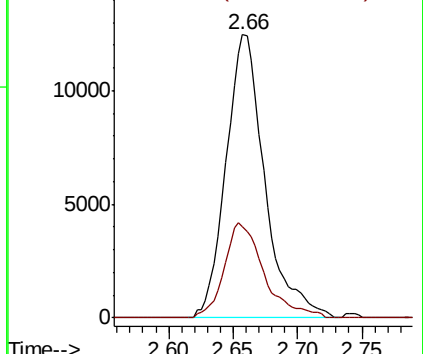
64 100

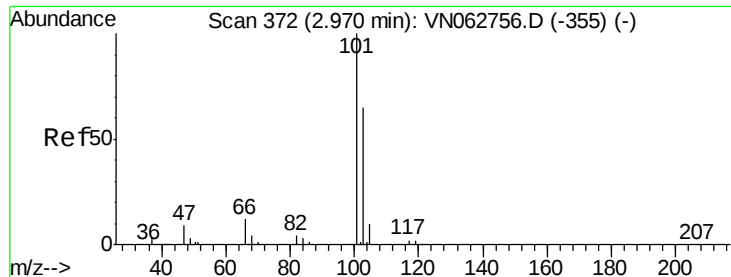
66 32.3 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



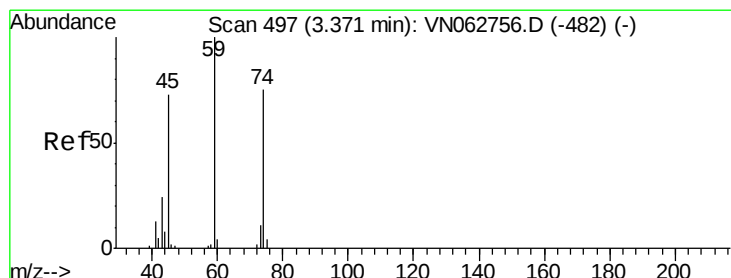
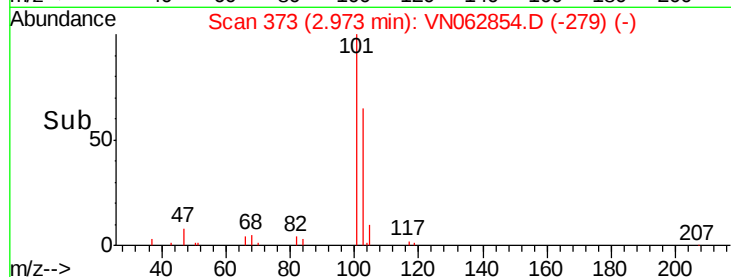
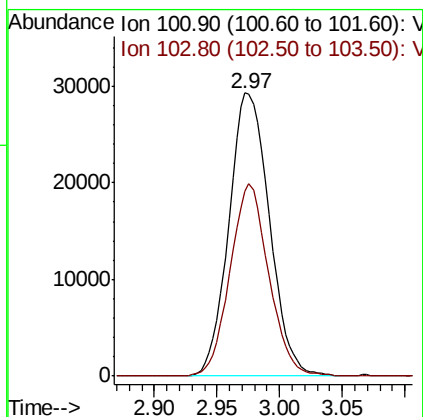
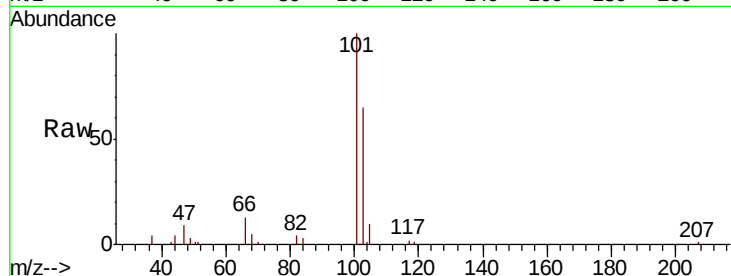


#7

Trichlorofluoromethane
 Concen: 20.012 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

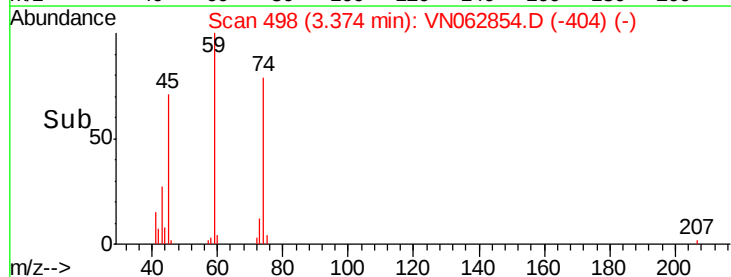
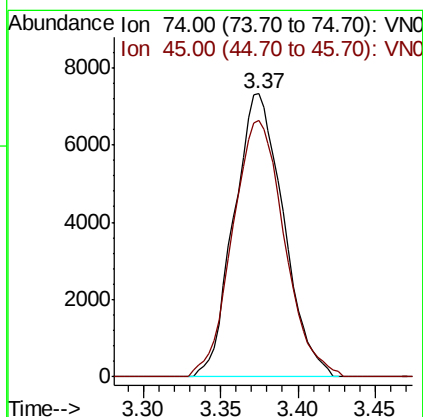
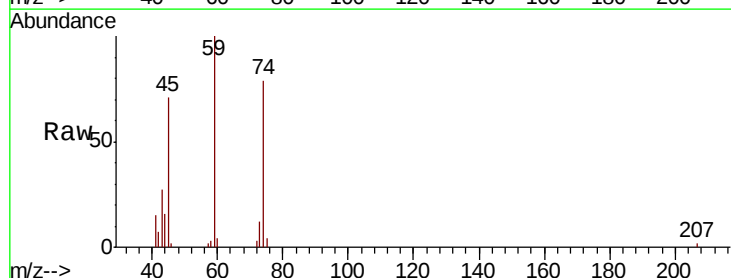
Tot Ion:101 Resp: 65800
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5

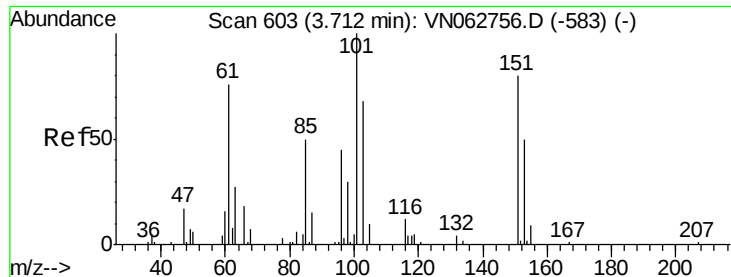


#8

Diethyl Ether
 Concen: 17.277 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion: 74 Resp: 16262
 Ion Ratio Lower Upper
 74 100
 45 94.9 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.961 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS01

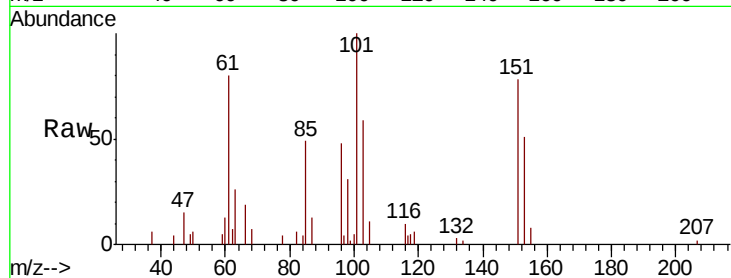
Tot Ion:101 Resp: 24565

Ion Ratio Lower Upper

101 100

85 47.0 38.5 57.7

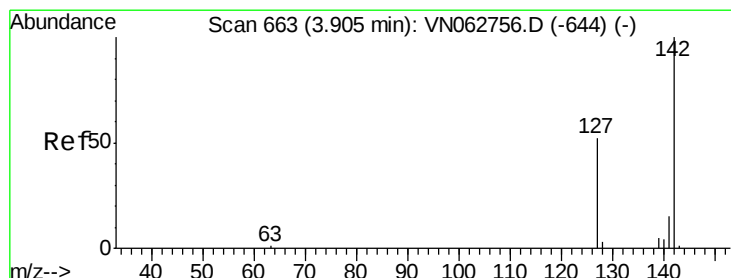
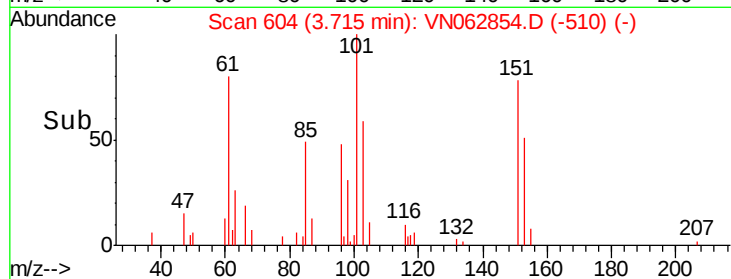
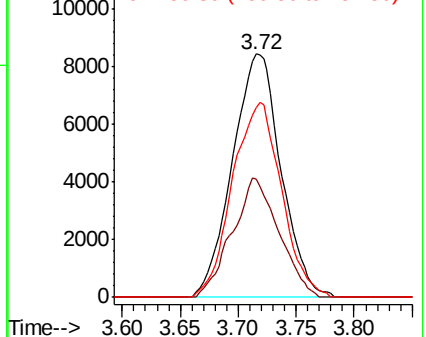
151 80.7 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.835 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

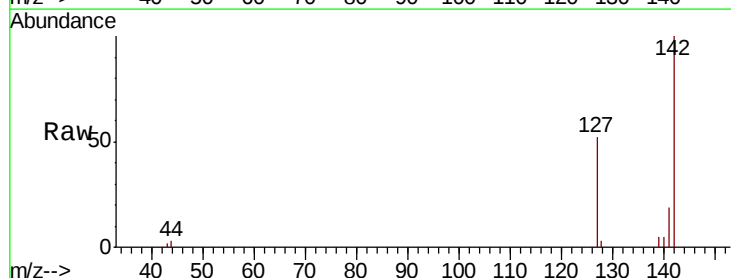
Tgt Ion:142 Resp: 28423

Ion Ratio Lower Upper

142 100

127 49.6 41.4 62.0

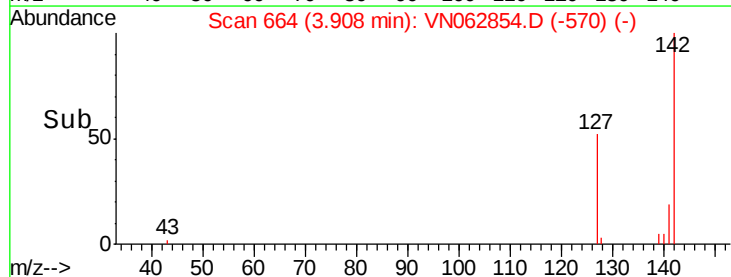
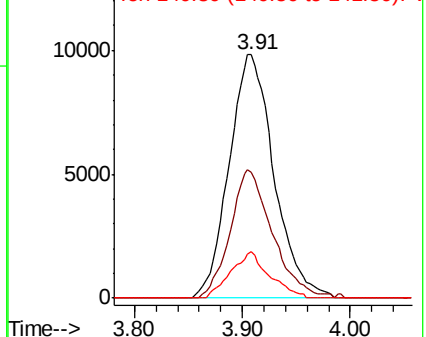
141 16.3 12.2 18.4

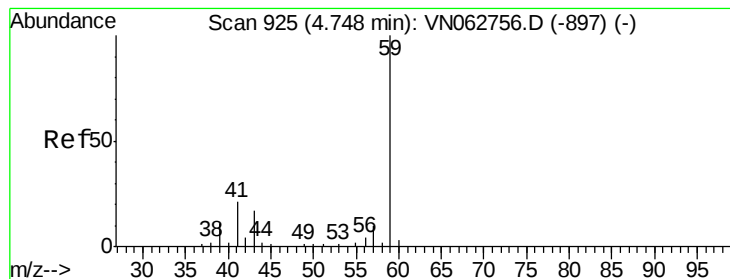


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



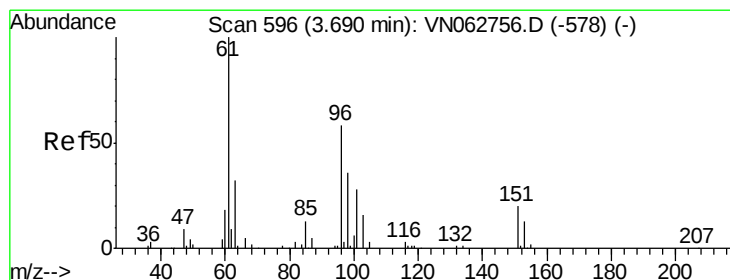
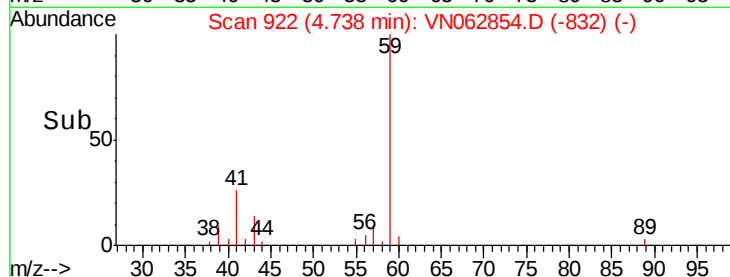
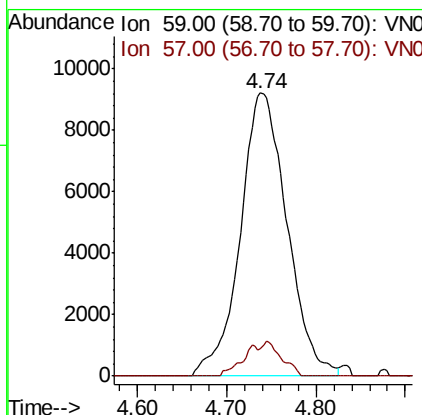
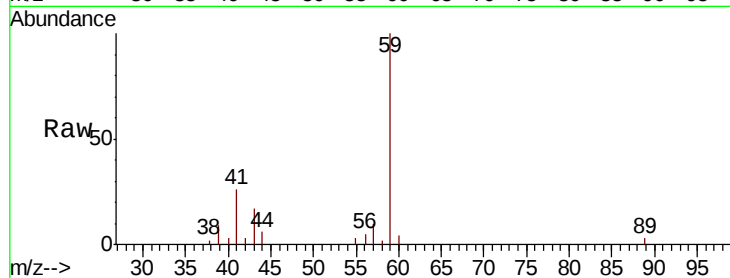


#11

Tert butyl alcohol
 Concen: 85.187 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

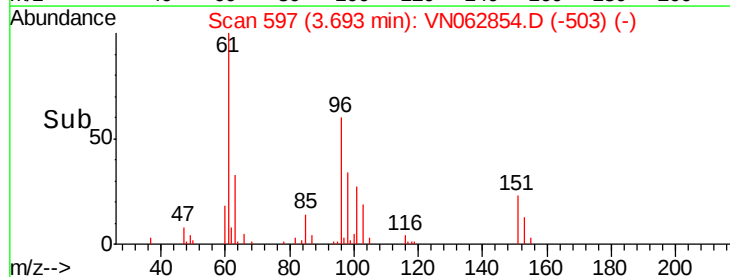
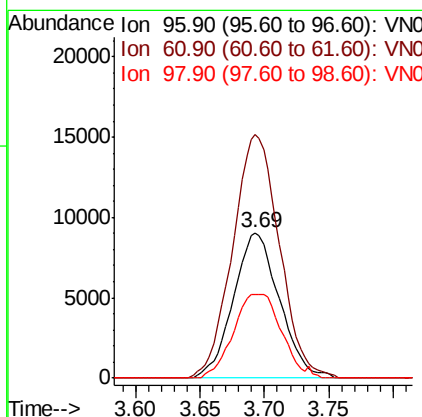
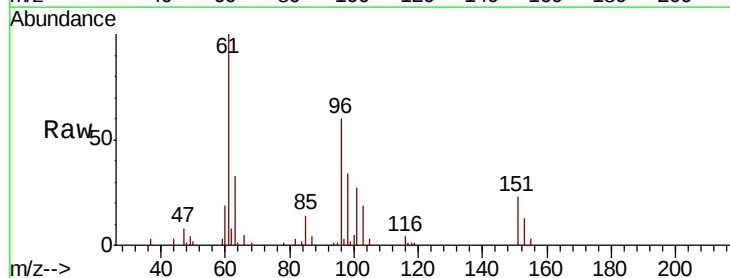
Tot Ion: 59 Resp: 33591
 Ion Ratio Lower Upper
 59 100
 57 5.0 8.3 12.5#

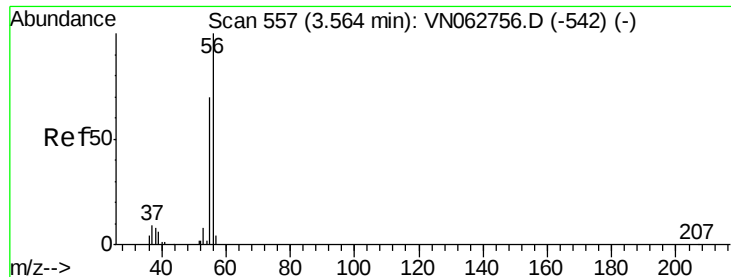


#12

1,1-Dichloroethene
 Concen: 17.343 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion: 96 Resp: 22434
 Ion Ratio Lower Upper
 96 100
 61 167.3 139.0 208.6
 98 57.6 50.2 75.4





#13

Acrolein

Concen: 61.370 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

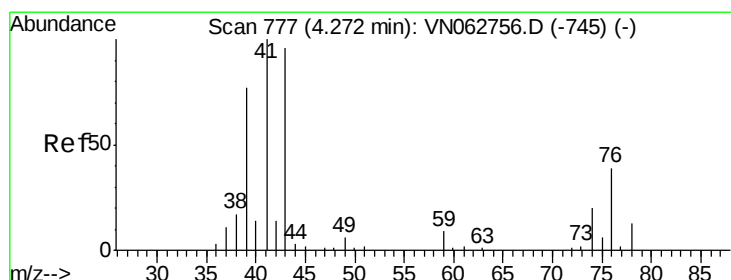
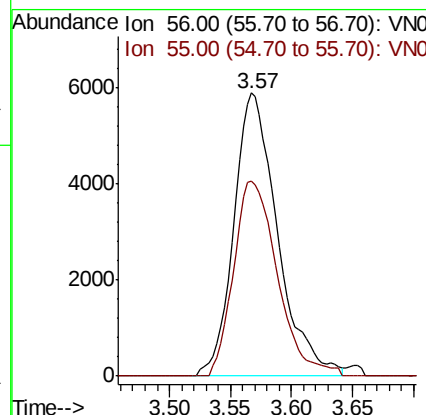
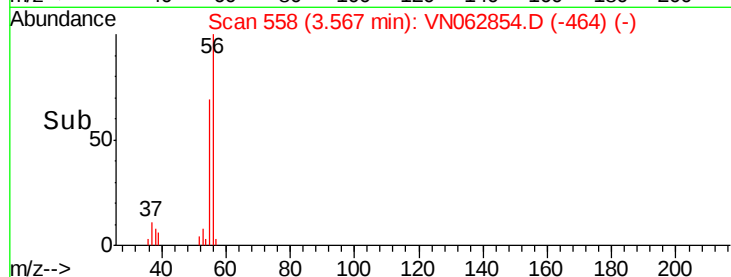
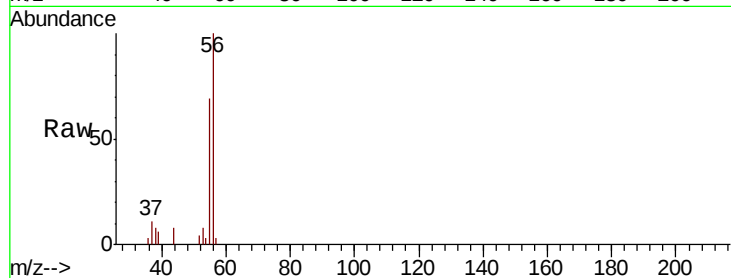
VN0812WBS01

Tot Ion: 56 Resp: 14652

Ion Ratio Lower Upper

56 100

55 69.0 57.0 85.6



#14

Allyl chloride

Concen: 14.996 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

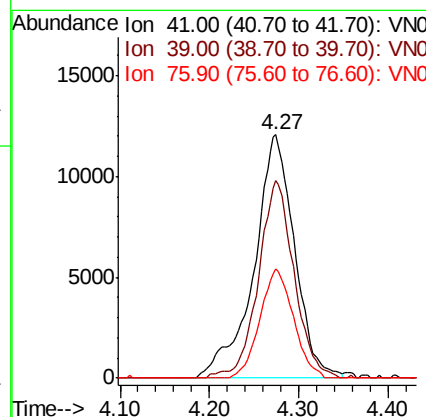
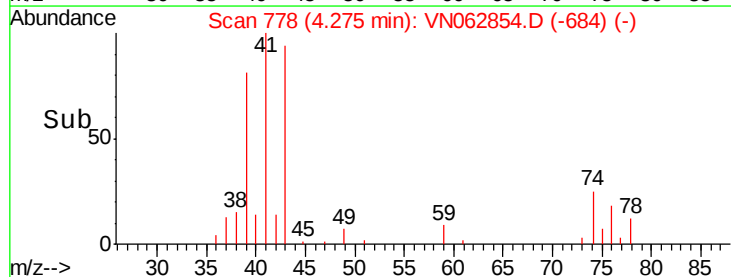
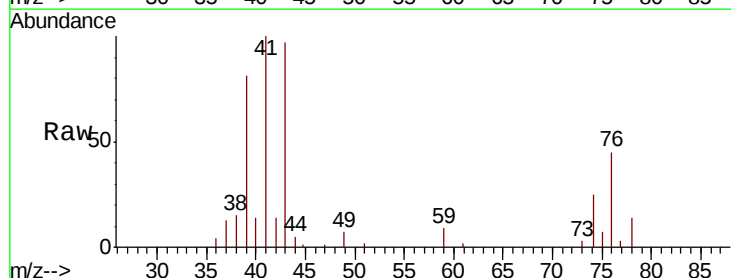
Tgt Ion: 41 Resp: 38197

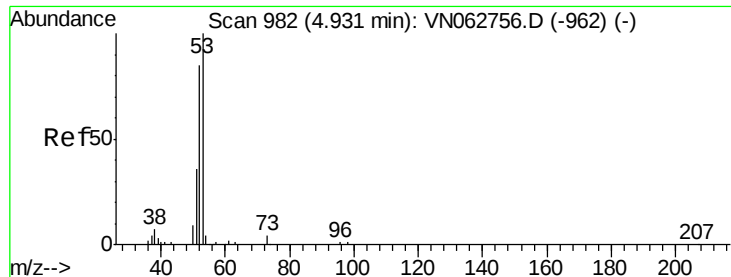
Ion Ratio Lower Upper

41 100

39 71.4 55.7 83.5

76 37.1 27.5 41.3





#15

Acrylonitrile

Concen: 85.838 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

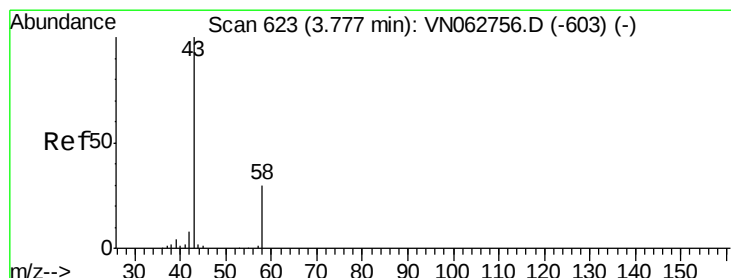
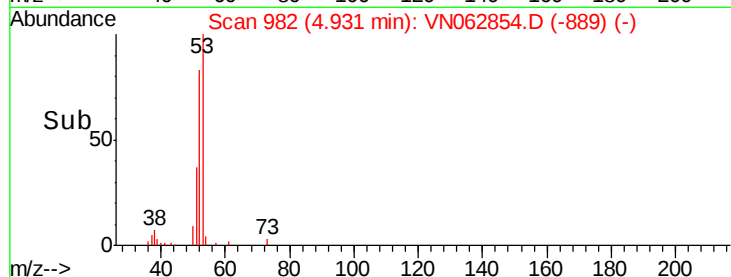
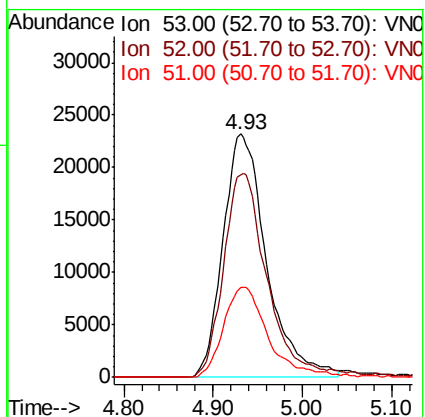
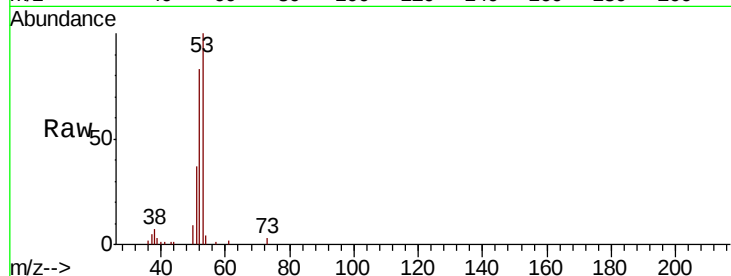
Tot Ion: 53 Resp: 78506

Ion Ratio Lower Upper

53 100

52 82.1 66.8 100.2

51 37.7 29.5 44.3



#16

Acetone

Concen: 81.793 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062854.D

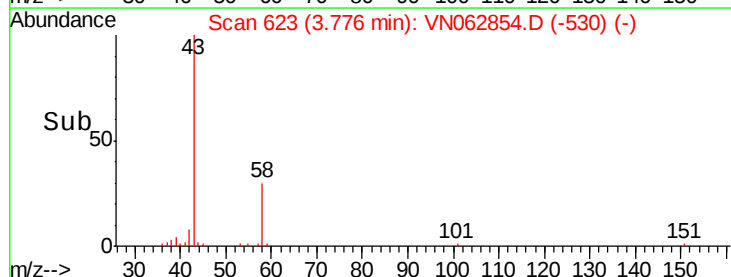
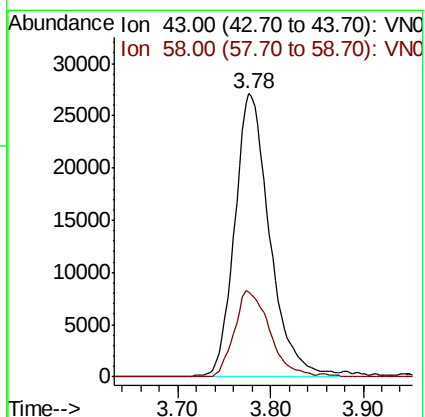
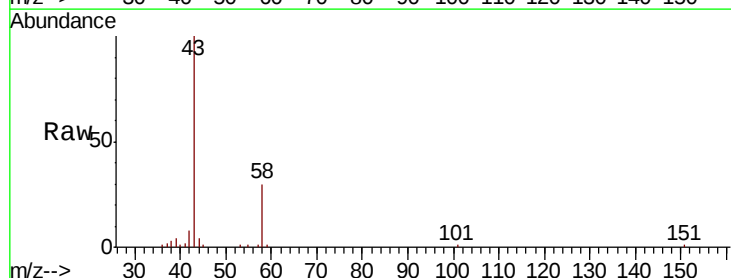
Acq: 12 Aug 2020 13:36

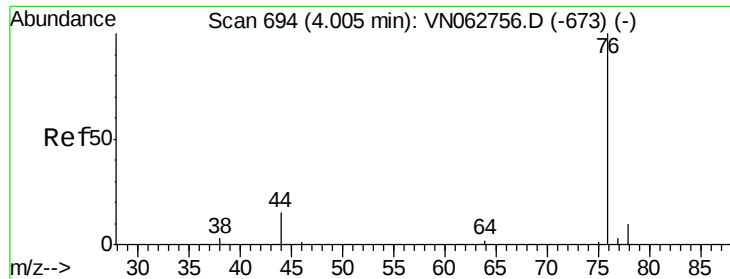
Tgt Ion: 43 Resp: 71106

Ion Ratio Lower Upper

43 100

58 30.1 24.1 36.1

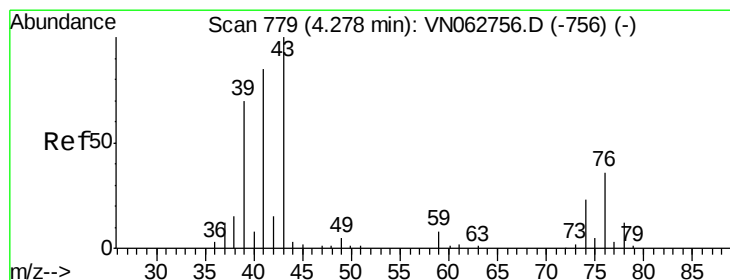
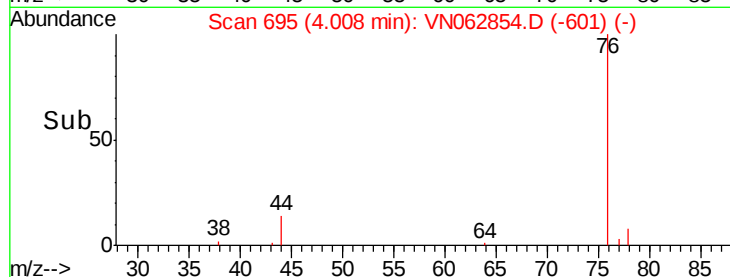
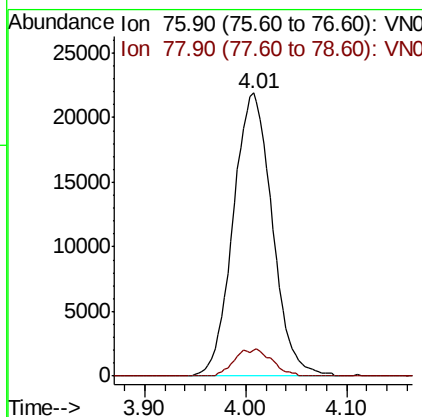
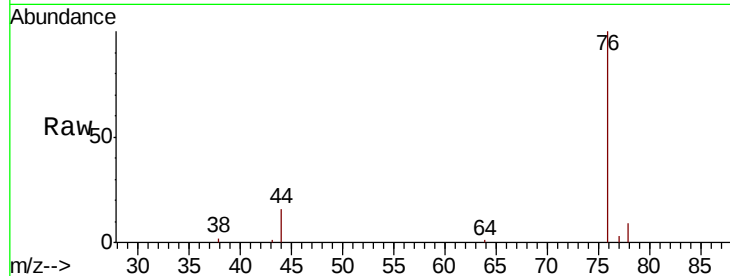




#17
Carbon Disulfide
Concen: 16.102 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

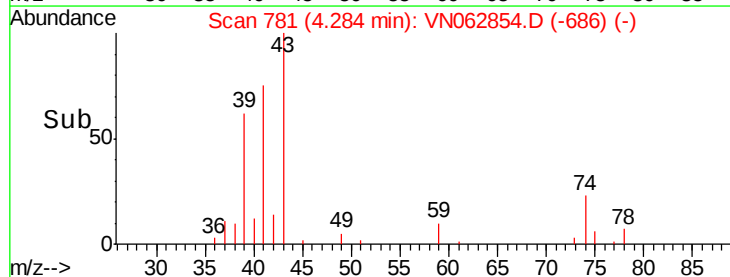
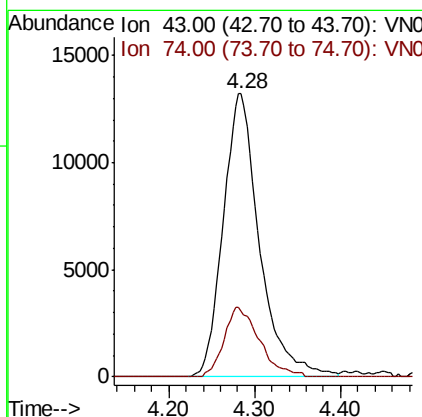
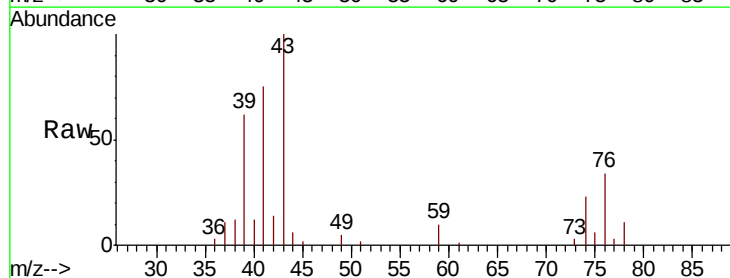
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

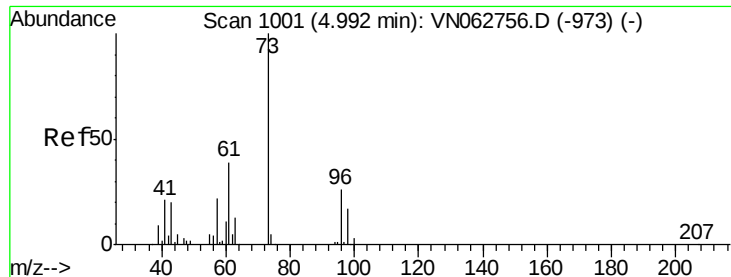
Tot Ion: 76 Resp: 58857
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5



#18
Methyl Acetate
Concen: 18.089 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 43 Resp: 38676
Ion Ratio Lower Upper
43 100
74 24.0 18.6 28.0

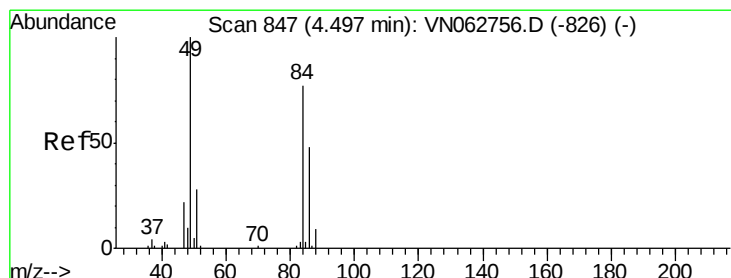
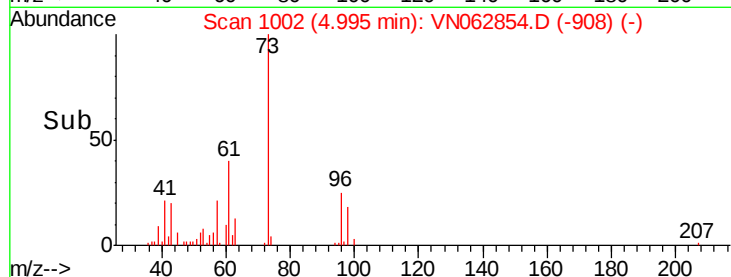
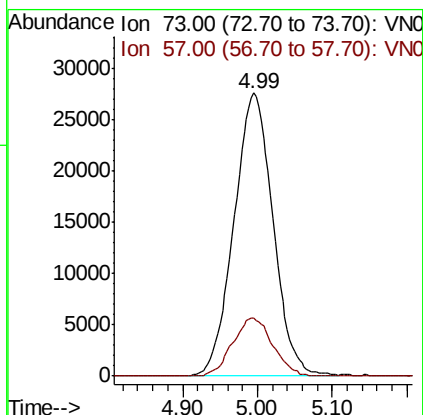
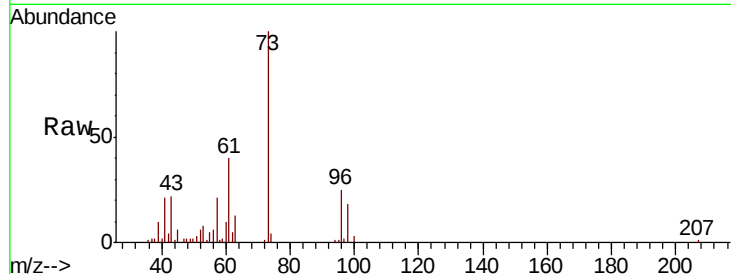




#19
Methvl tert-butvl Ether
Concen: 17.776 ug/l
RT: 4.99 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

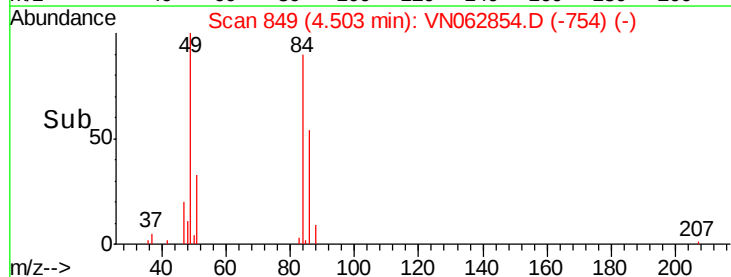
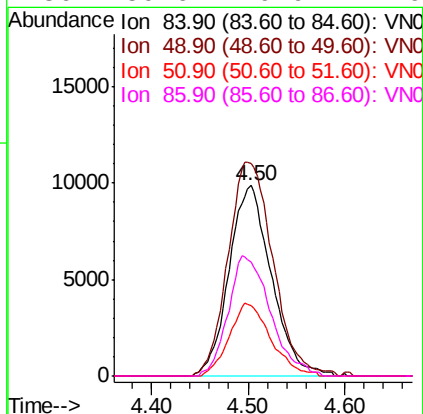
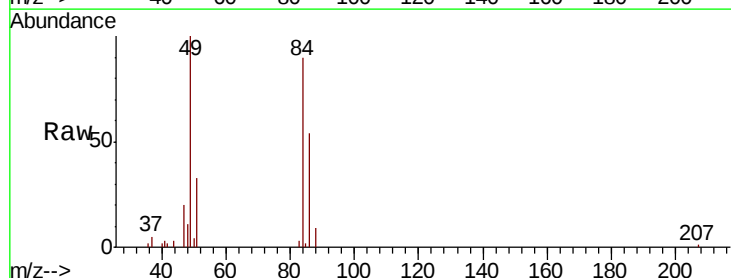
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

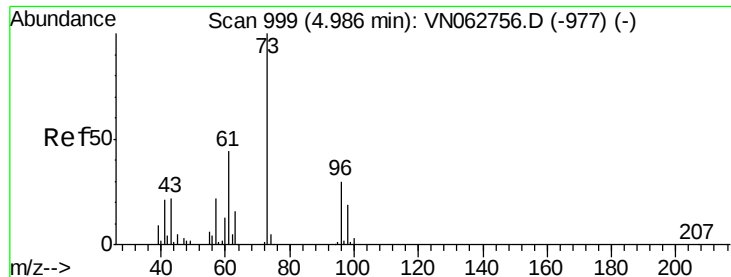
Tot Ion: 73 Resp: 100199
Ion Ratio Lower Upper
73 100
57 20.6 17.5 26.3



#20
Methylene Chloride
Concen: 18.429 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.01 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 84 Resp: 30083
Ion Ratio Lower Upper
84 100
49 111.3 103.4 155.2
51 36.9 29.3 43.9
86 59.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.035 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS01

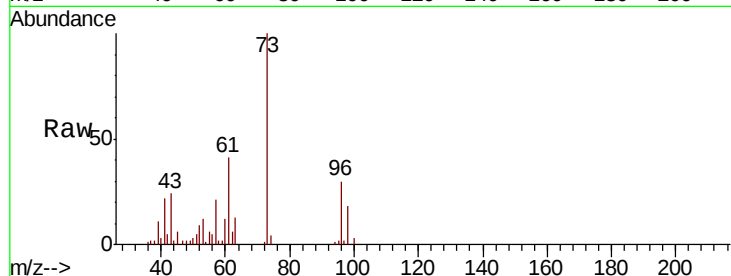
Tot Ion: 96 Resp: 24801

Ion Ratio Lower Upper

96 100

61 135.6 118.8 178.2

98 61.0 51.0 76.4

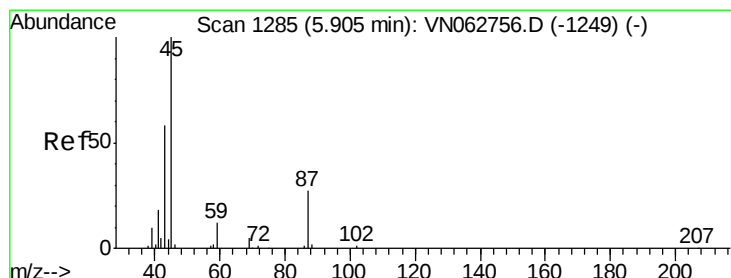
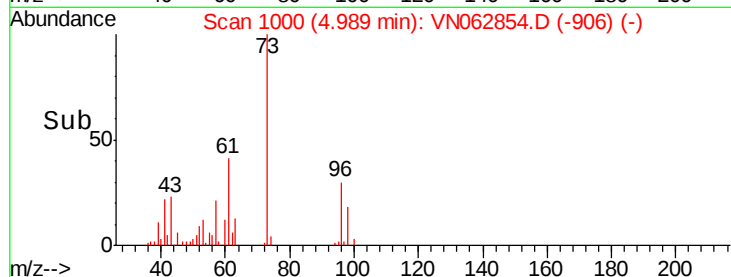
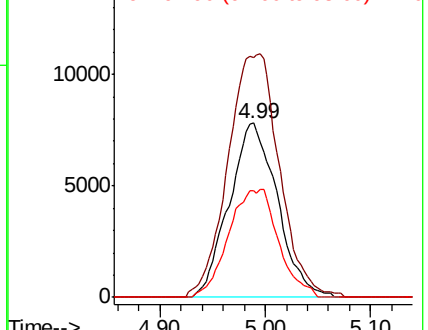


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 17.334 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Tgt Ion: 45 Resp: 93989

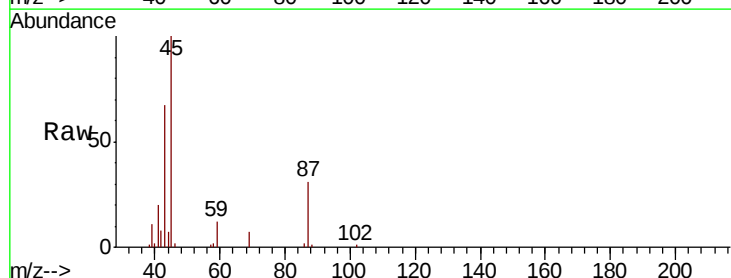
Ion Ratio Lower Upper

45 100

43 64.7 47.4 71.2

87 31.2 22.8 34.2

59 11.8 9.9 14.9



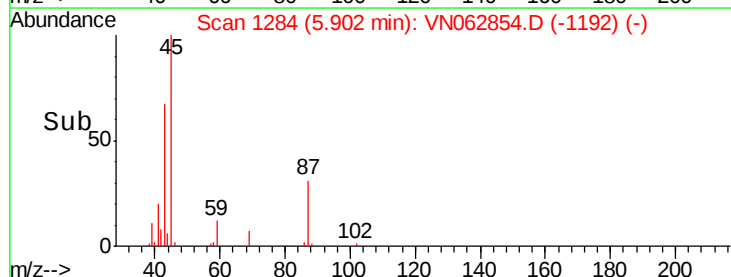
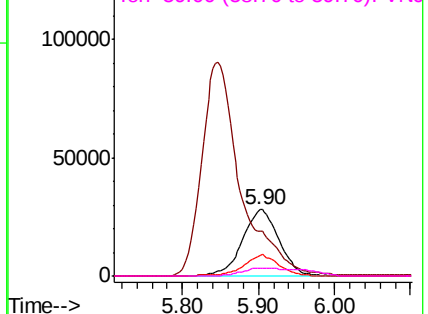
Abundance

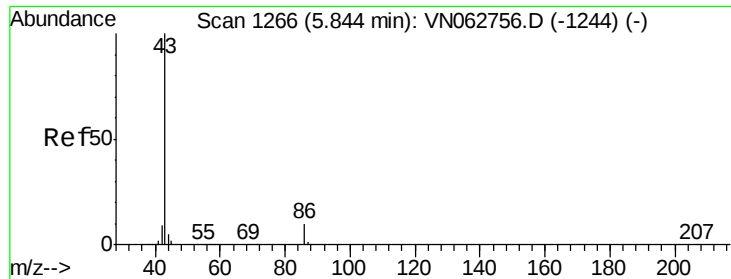
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

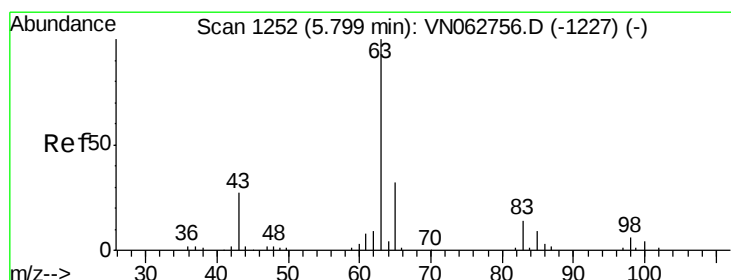
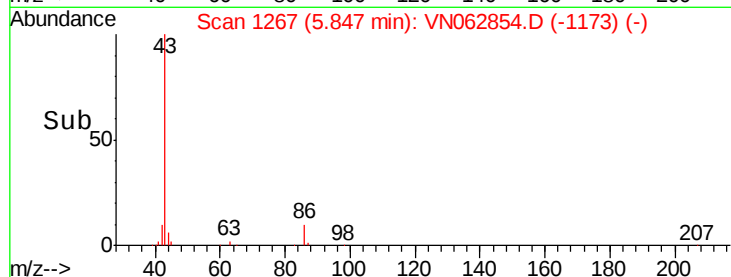
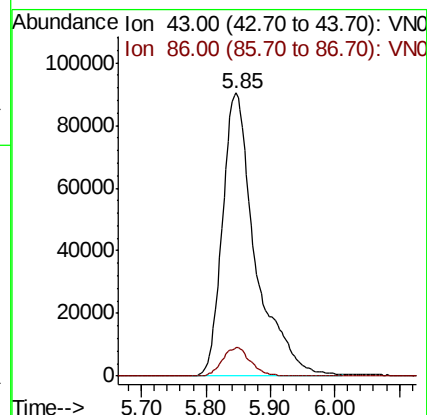
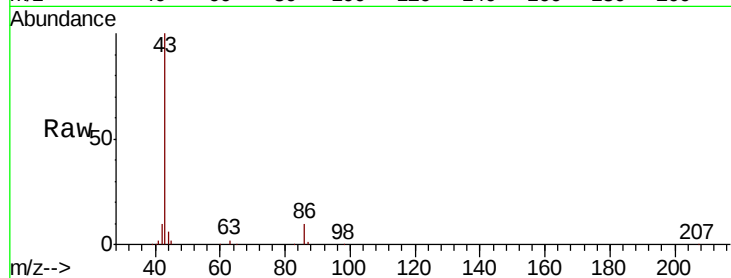




#23
 Vinyl Acetate
 Concen: 78.029 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

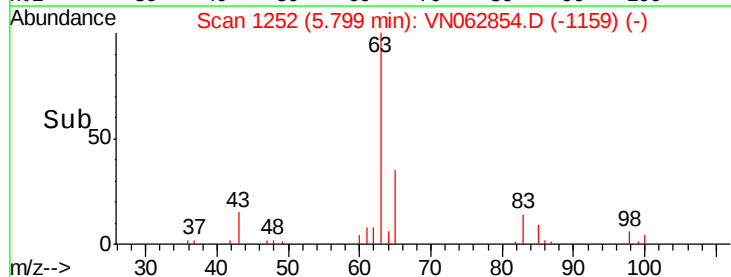
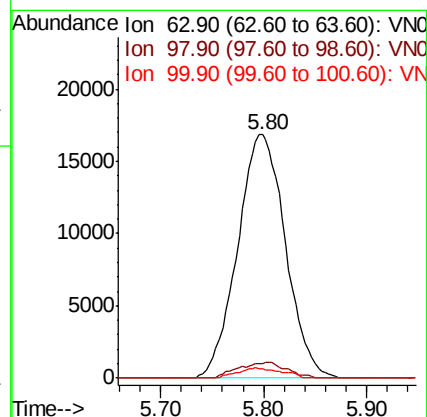
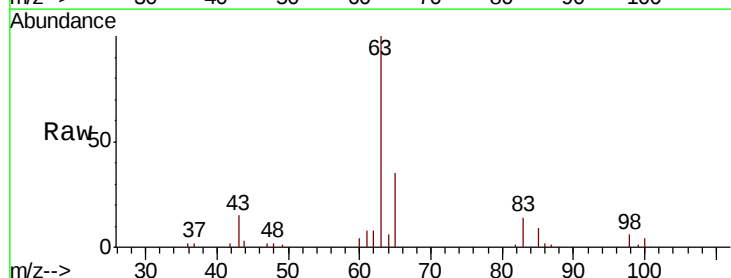
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

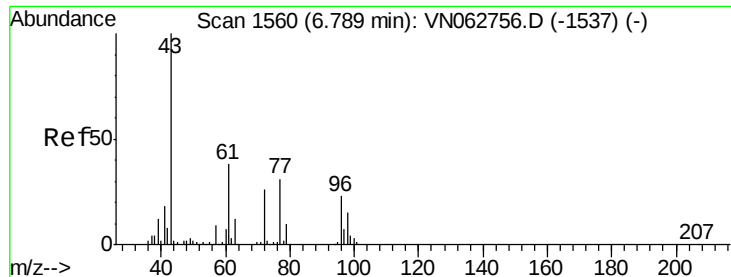
Tot Ion: 43 Resp: 321818
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 17.045 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion: 63 Resp: 54164
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.0 9.2
 100 3.8 1.9 5.7

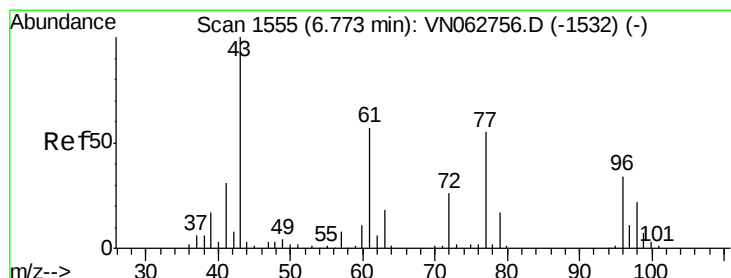
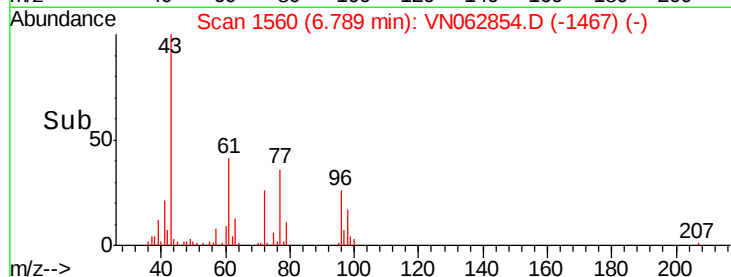
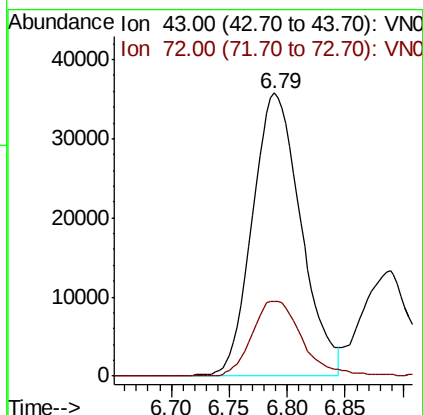
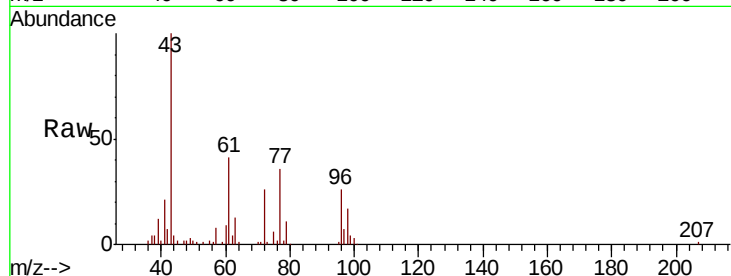




#25
2-Butanone
Concen: 84.705 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

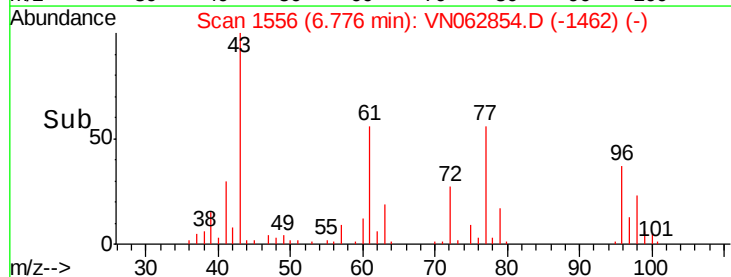
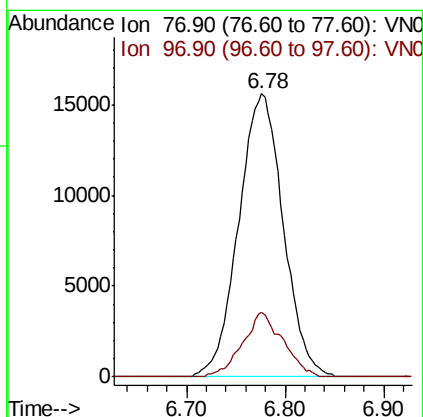
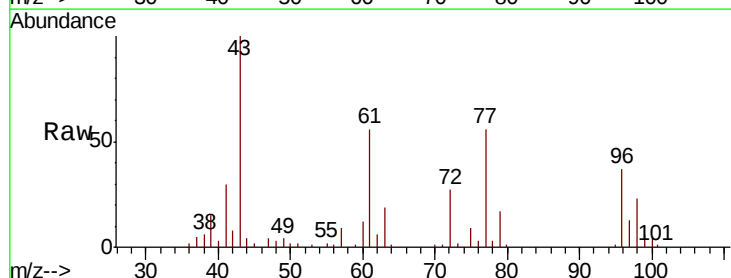
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

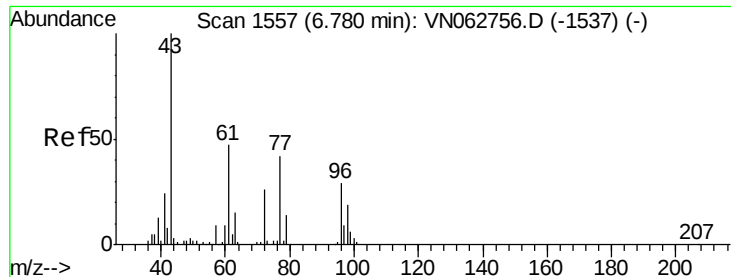
Tot Ion: 43 Resp: 104293
Ion Ratio Lower Upper
43 100
72 26.3 21.1 31.7



#26
2,2-Dichloropropane
Concen: 16.655 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 77 Resp: 48784
Ion Ratio Lower Upper
77 100
97 20.6 10.5 31.6

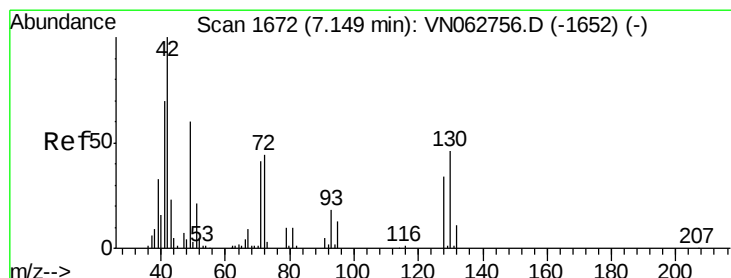
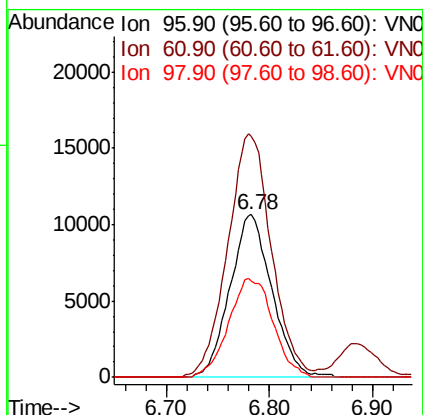
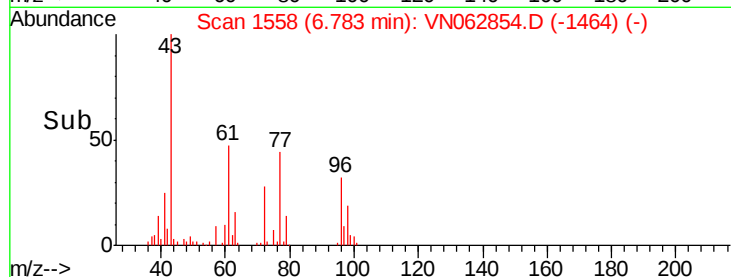
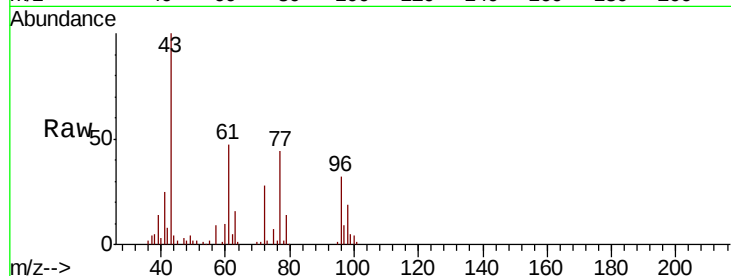




#27
 cis-1,2-Dichloroethene
 Concen: 17.312 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

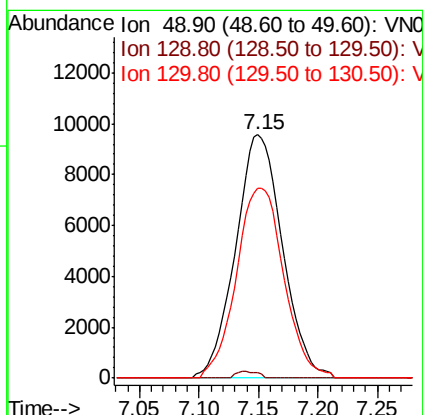
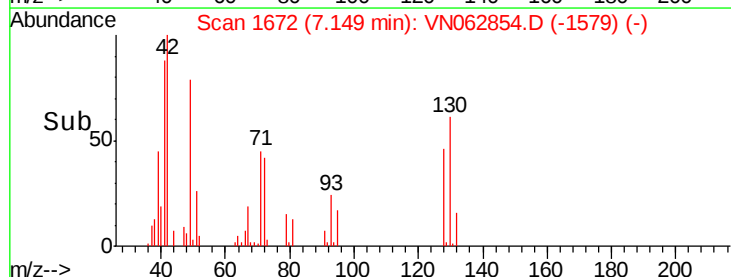
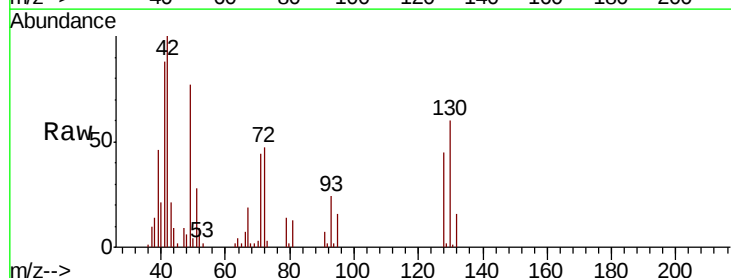
Instrument :
 MSVOA_N
 ClientSampled :
 VN0812WBS01

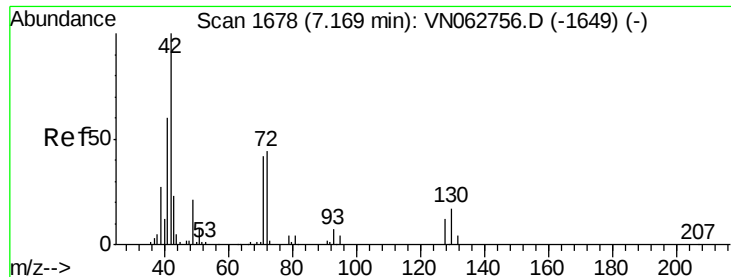
Tot Ion	Ratio	Lower	Upper
96	100		
61	155.2	0.0	332.2
98	64.2	0.0	129.4



#28
 Bromochloromethane
 Concen: 17.053 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.2
130	78.9	59.0	88.6

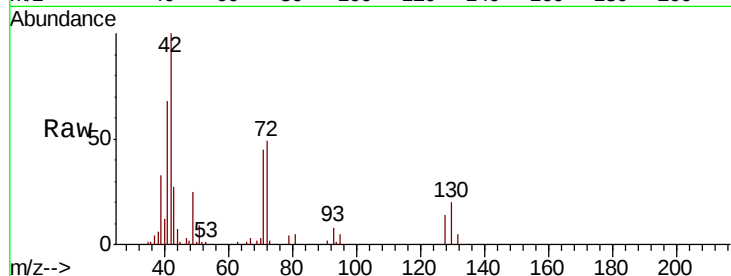




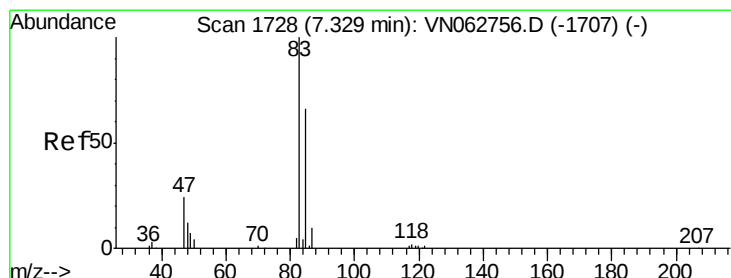
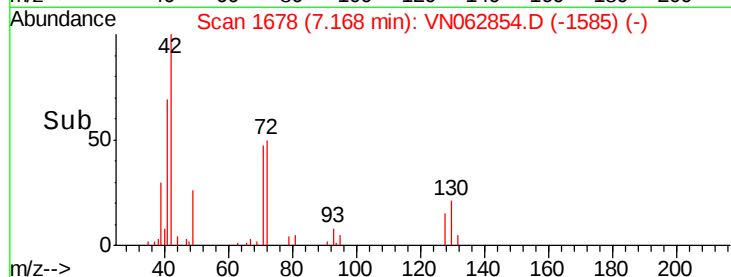
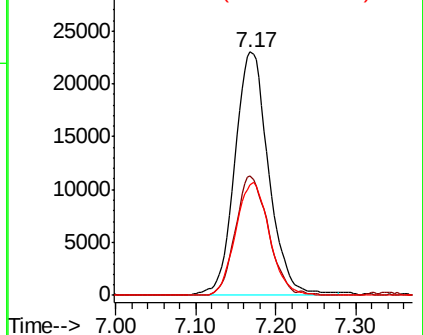
#29
Tetrahydrofuran
Concen: 82.400 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion: 42 Resp: 65912
Ion Ratio Lower Upper
42 100
72 46.8 35.0 52.4
71 46.0 33.2 49.8

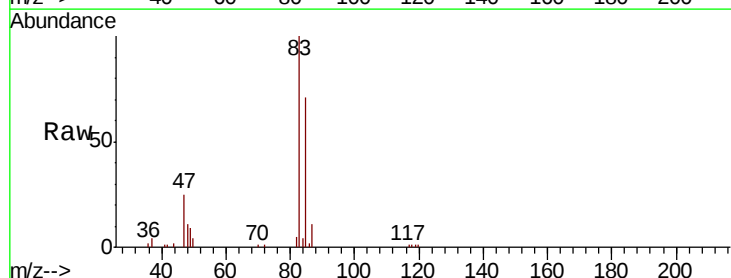


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

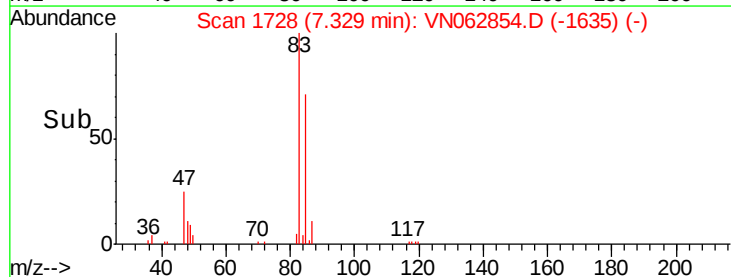
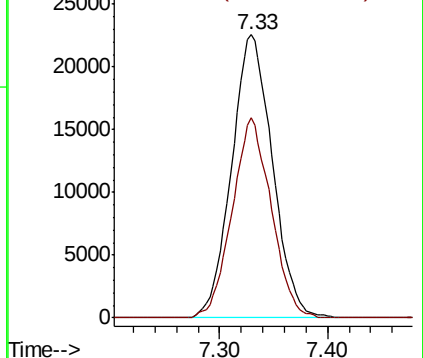


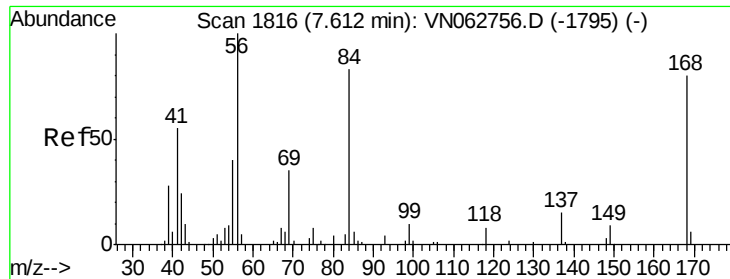
#30
Chloroform
Concen: 17.592 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 83 Resp: 59408
Ion Ratio Lower Upper
83 100
85 70.6 52.7 79.1



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

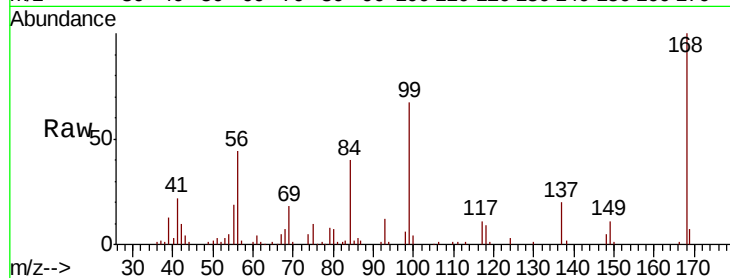




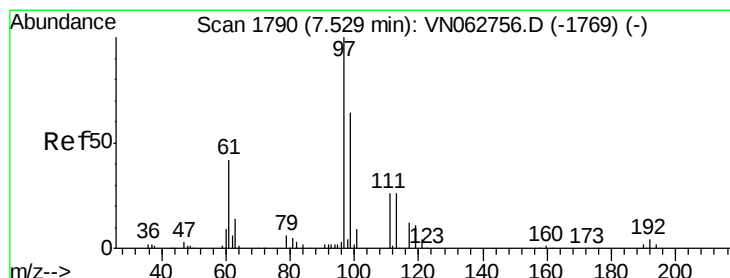
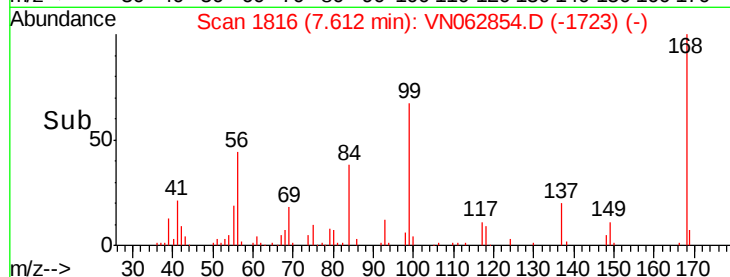
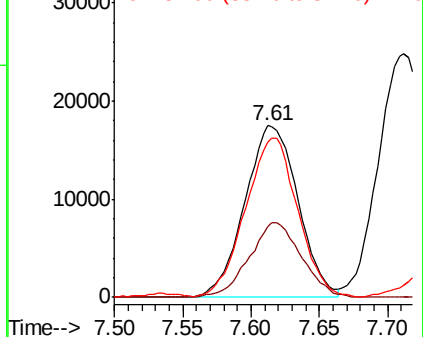
#31
Cyclohexane
Concen: 16.261 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion: 56 Resp: 47433
Ion Ratio Lower Upper
56 100
69 41.6 28.1 42.1
84 89.7 66.8 100.2

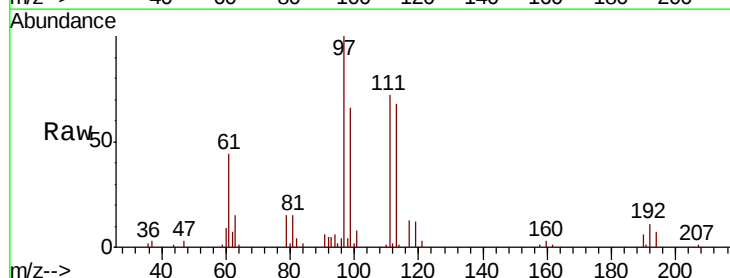


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

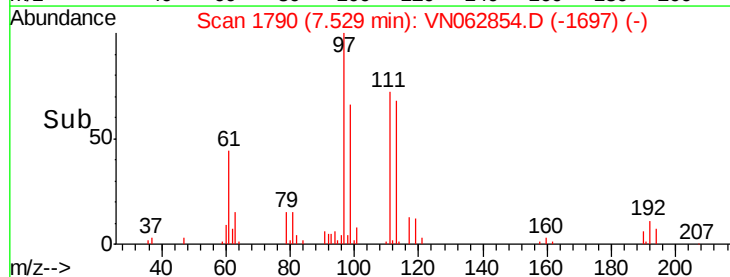
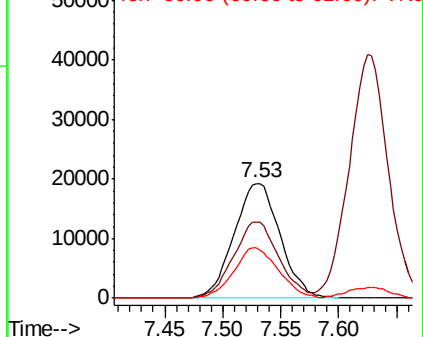


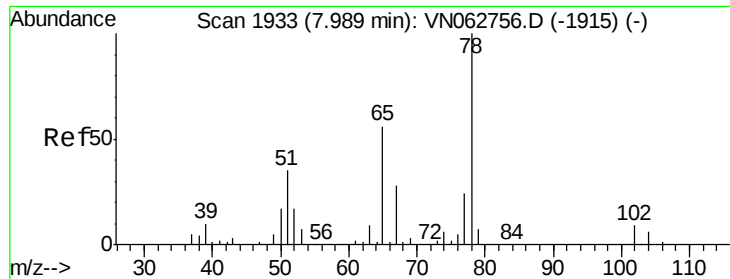
#32
1,1,1-Trichloroethane
Concen: 17.559 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 97 Resp: 53015
Ion Ratio Lower Upper
97 100
99 65.3 50.0 75.0
61 42.7 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 46.800 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

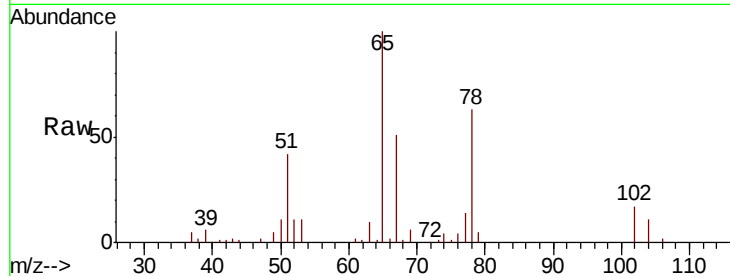
VN0812WBS01

Tot Ion: 65 Resp: 112594

Ion Ratio Lower Upper

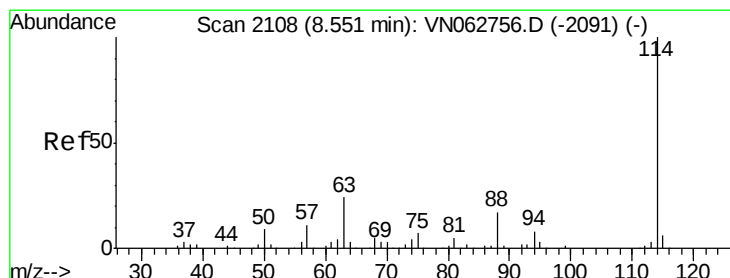
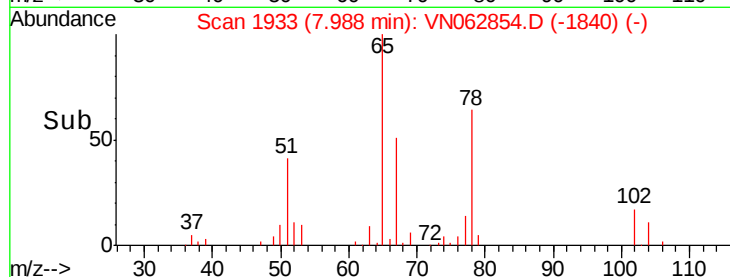
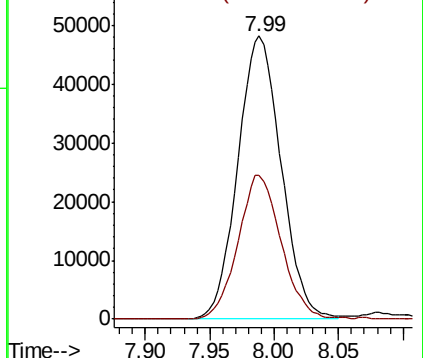
65 100

67 50.7 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

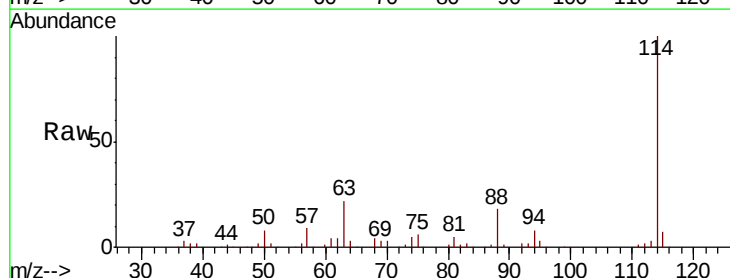
Tgt Ion: 114 Resp: 233972

Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.6

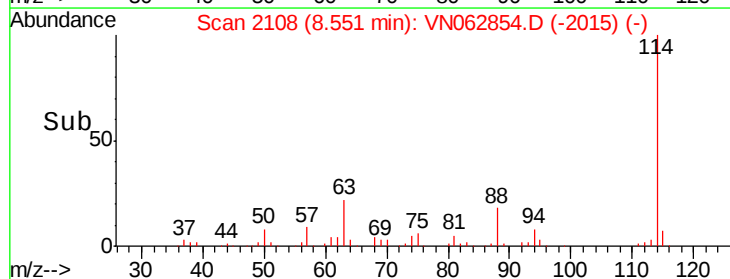
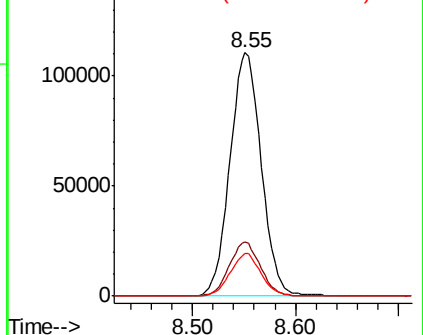
88 17.7 0.0 34.4

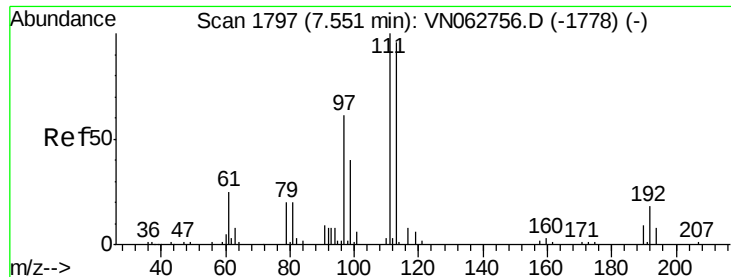


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

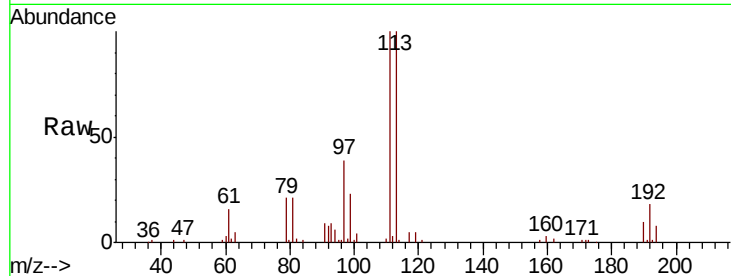




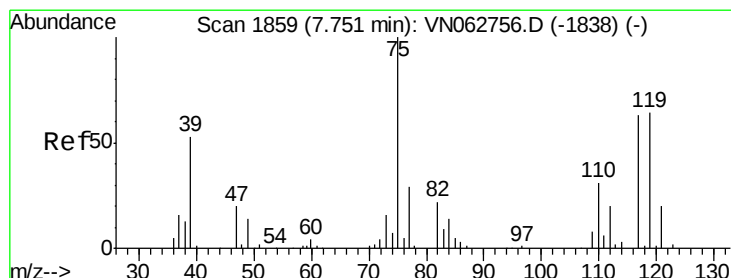
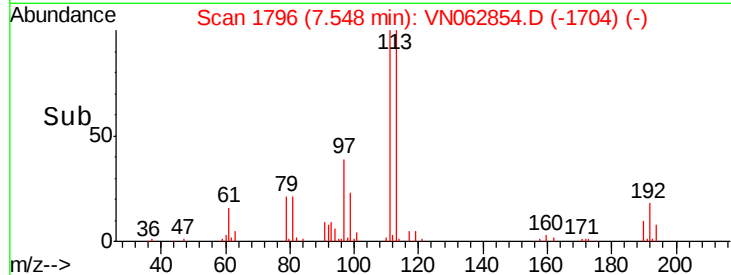
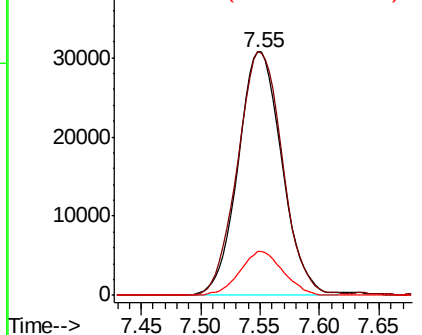
#35
 Dibromofluoromethane
 Concen: 49.006 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Tot Ion:113 Resp: 78434
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.6
 192 17.8 15.0 22.4

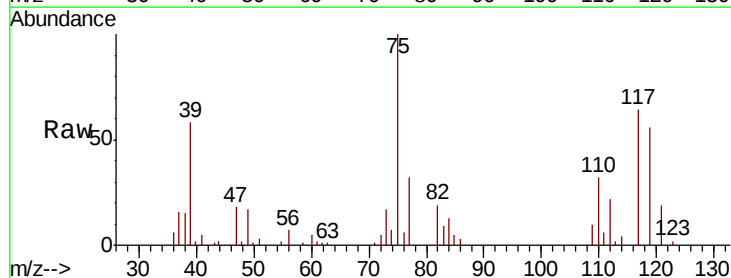


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

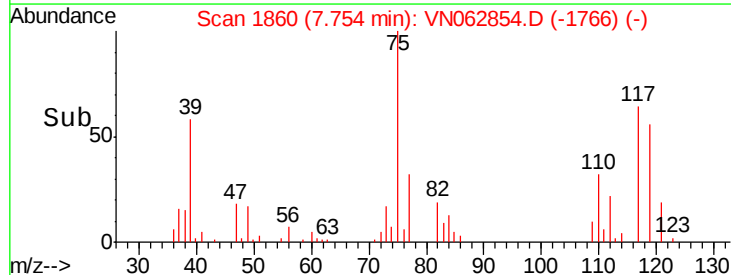
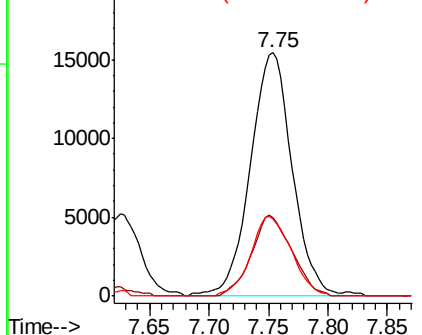


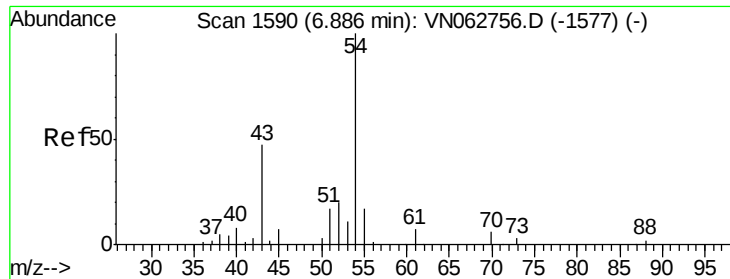
#36
 1,1-Dichloropropene
 Concen: 16.489 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion: 75 Resp: 37566
 Ion Ratio Lower Upper
 75 100
 110 31.9 15.6 46.7
 77 31.8 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

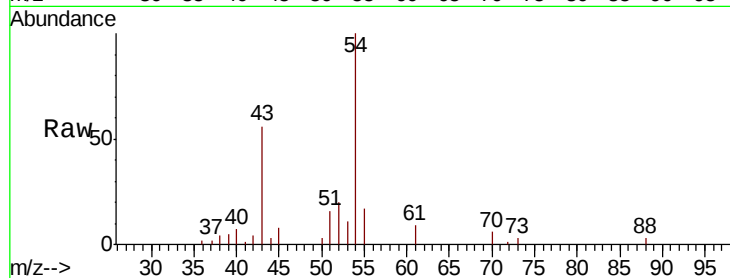




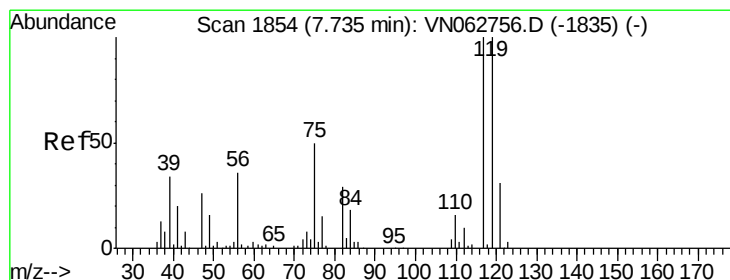
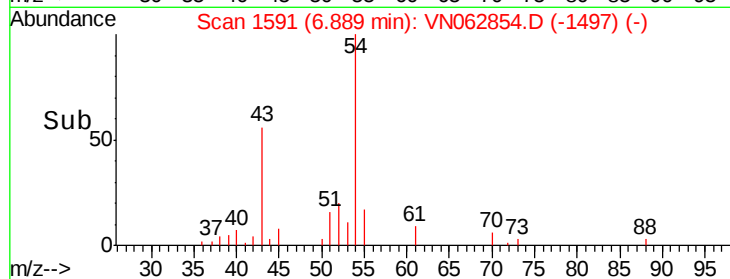
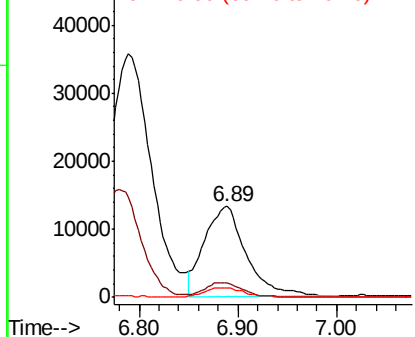
#37
Ethyl Acetate
Concen: 16.421 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion: 43 Resp: 39080
Ion Ratio Lower Upper
43 100
61 15.0 12.1 18.1
70 10.1 8.3 12.5

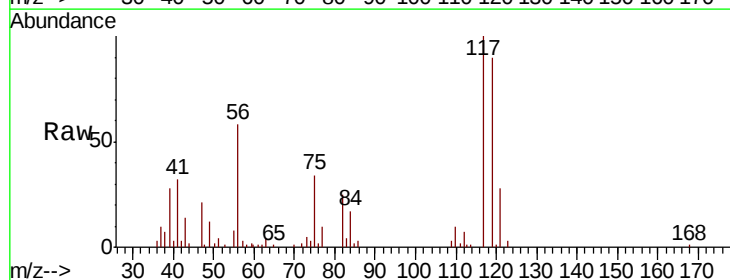


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

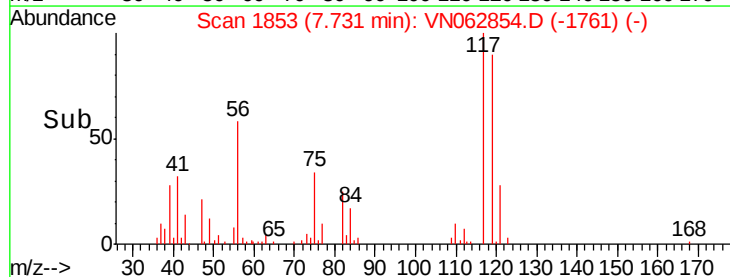
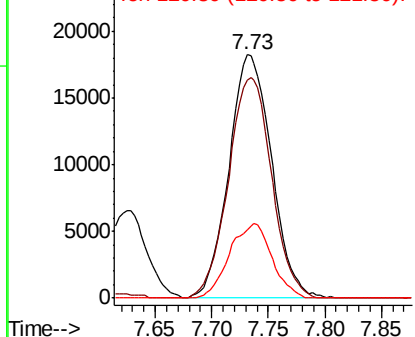


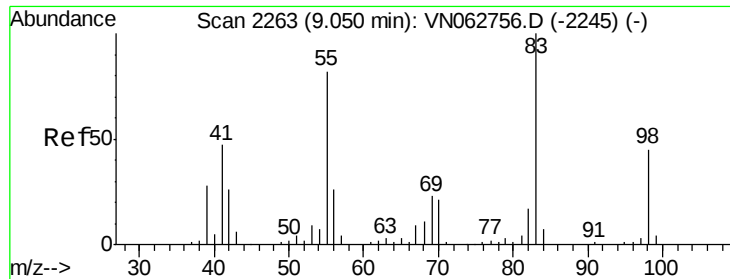
#38
Carbon Tetrachloride
Concen: 17.782 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 117 Resp: 47912
Ion Ratio Lower Upper
117 100
119 89.8 79.4 119.2
121 27.9 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

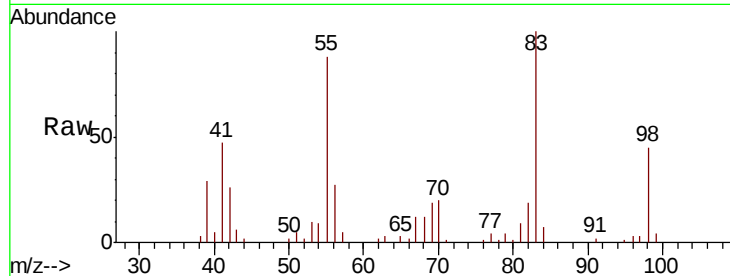




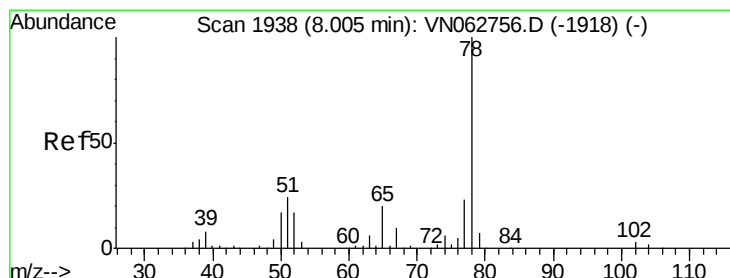
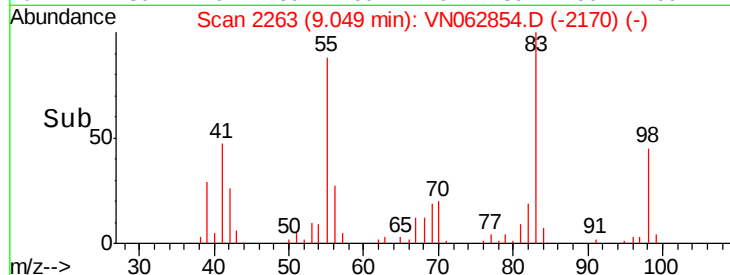
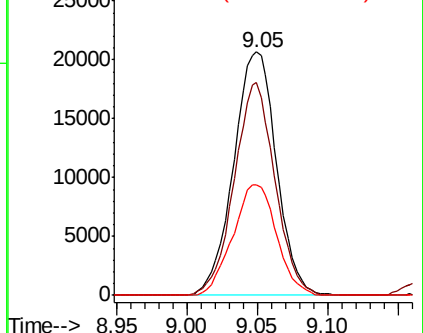
#39
Methvlcvclohexane
Concen: 16.046 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion: 83 Resp: 43994
Ion Ratio Lower Upper
83 100
55 87.6 65.7 98.5
98 45.4 35.6 53.4

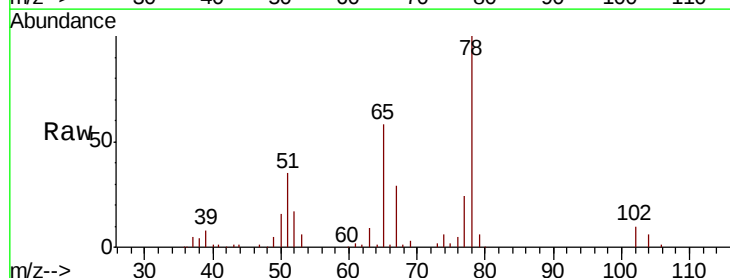


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

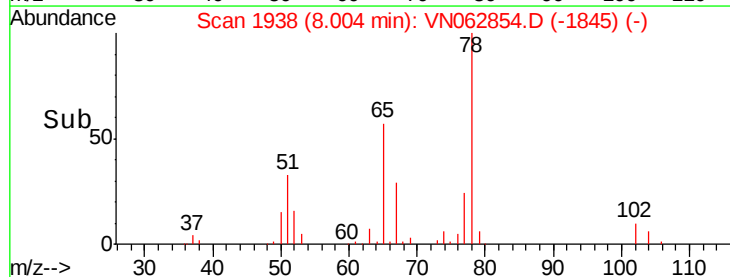
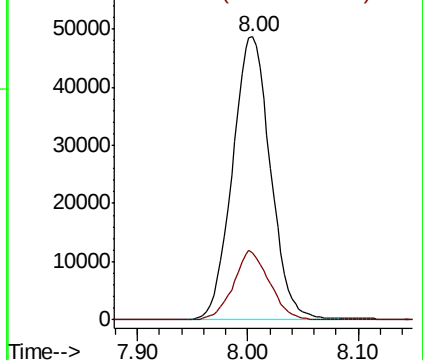


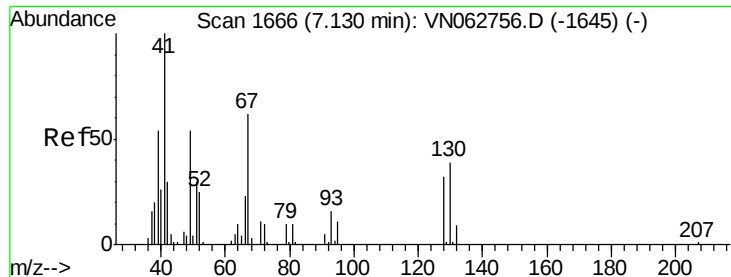
#40
Benzene
Concen: 17.032 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 78 Resp: 115788
Ion Ratio Lower Upper
78 100
77 23.8 18.1 27.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

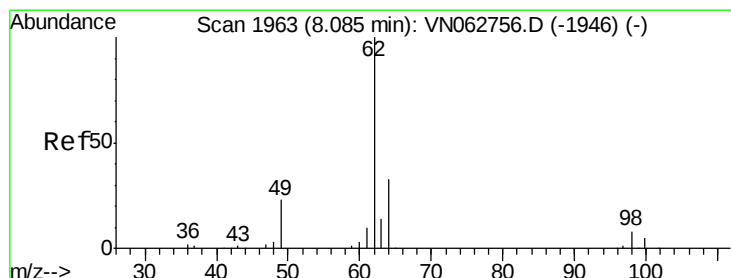
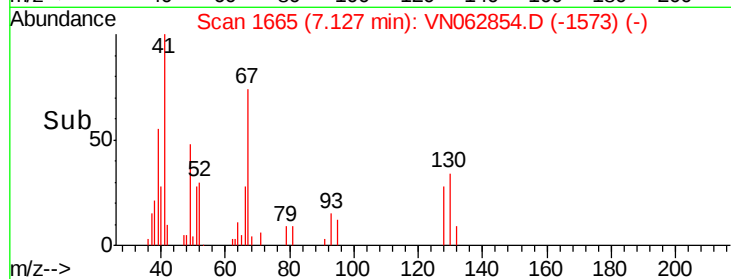
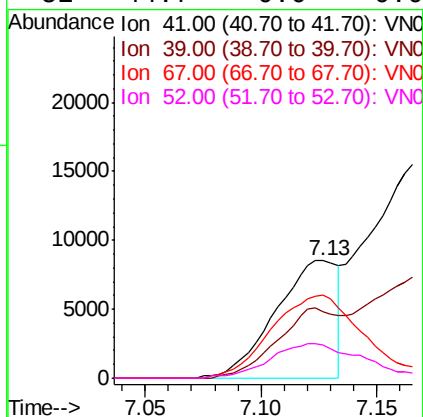
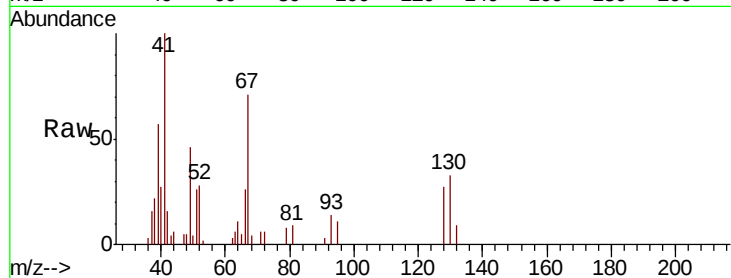




#41
Methacrylonitrile
Concen: 14.831 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

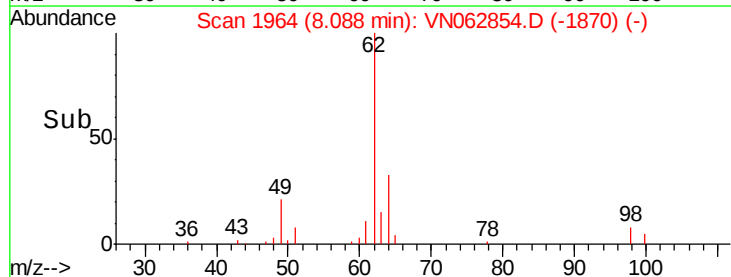
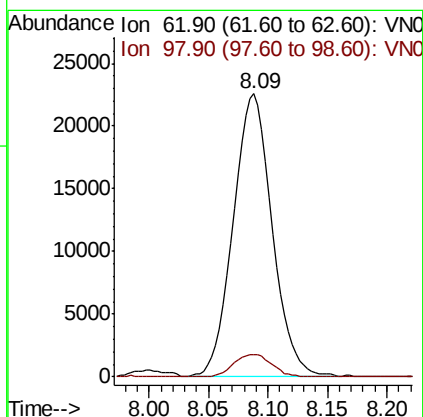
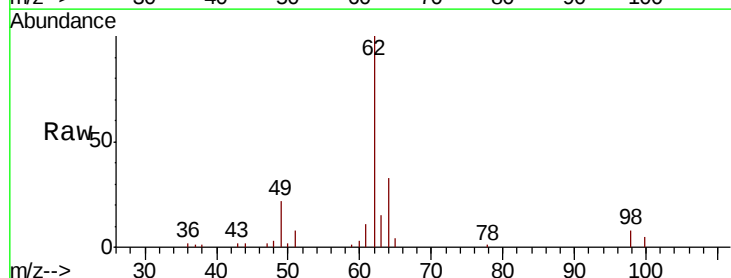
Instrument :
MSVOA_N
ClientSampleID :
VN0812WBS01

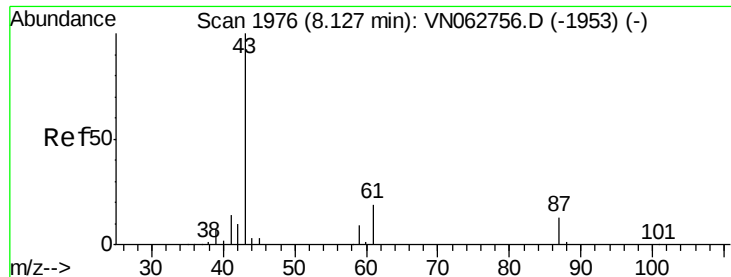
Tot Ion: 41 Resp: 15927
Ion Ratio Lower Upper
41 100
39 61.9 69.4 104.2#
67 106.0 0.0 0.0#
52 44.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 17.744 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 62 Resp: 51343
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.8





#43

Isopropyl Acetate

Concen: 15.863 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

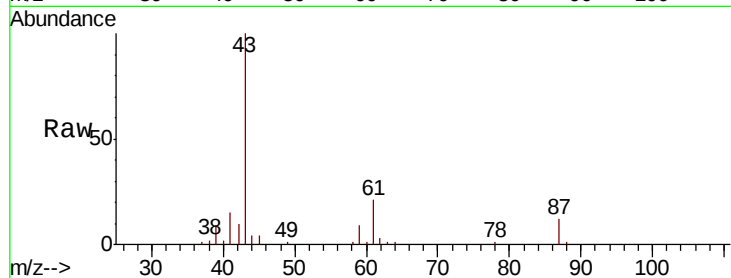
Tot Ion: 43 Resp: 62966

Ion Ratio Lower Upper

43 100

61 19.7 15.8 23.6

87 13.4 9.9 14.9



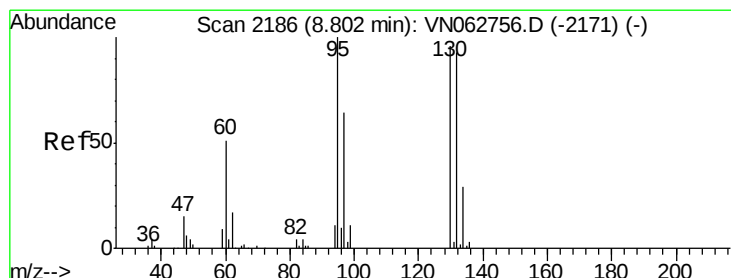
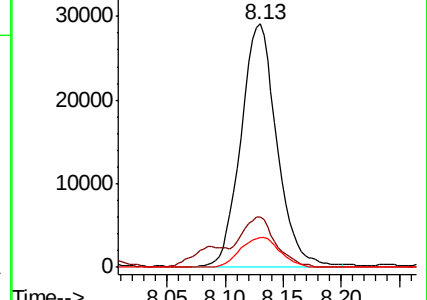
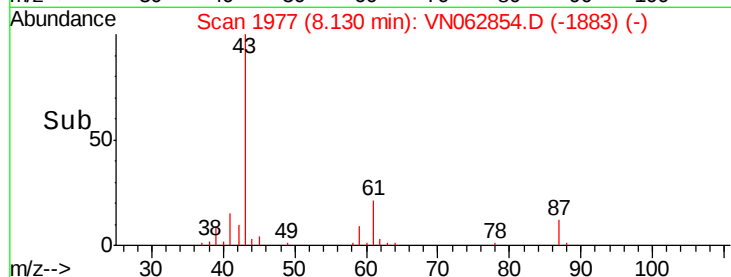
Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062756.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)

8.13

Time-->



#44

Trichloroethene

Concen: 17.233 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062854.D

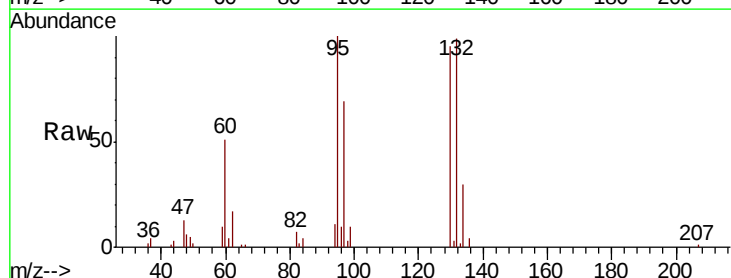
Acq: 12 Aug 2020 13:36

Tgt Ion:130 Resp: 28542

Ion Ratio Lower Upper

130 100

95 104.9 0.0 207.6

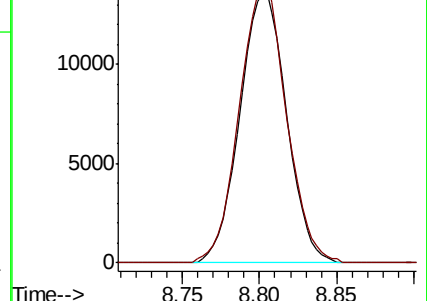
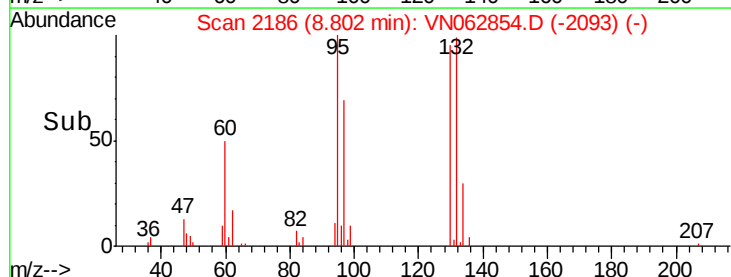


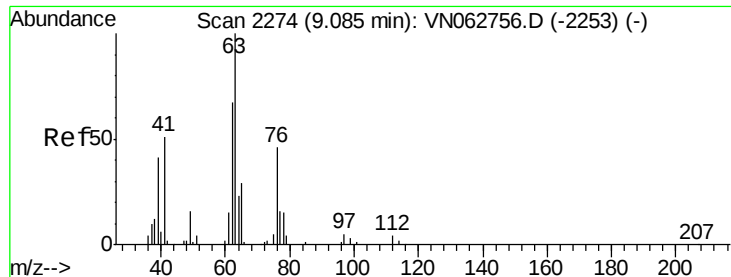
Abundance Ion 129.80 (129.50 to 130.50): VN062756.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062756.D (-2171) (-)

8.80

Time-->





#45

1,2-Dichloropropane

Concen: 17.023 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

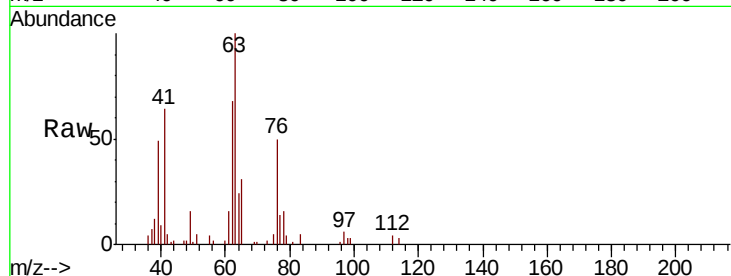
VN0812WBS01

Tot Ion: 63 Resp: 31322

Ion Ratio Lower Upper

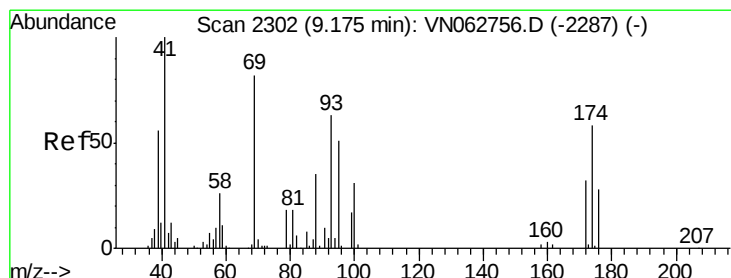
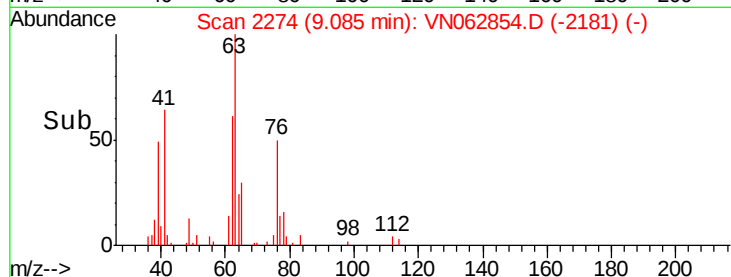
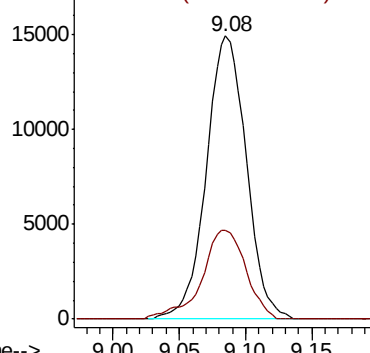
63 100

65 31.5 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.287 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

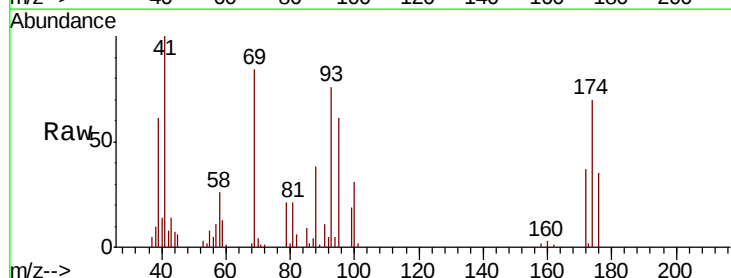
Tgt Ion: 93 Resp: 22046

Ion Ratio Lower Upper

93 100

95 82.5 65.1 97.7

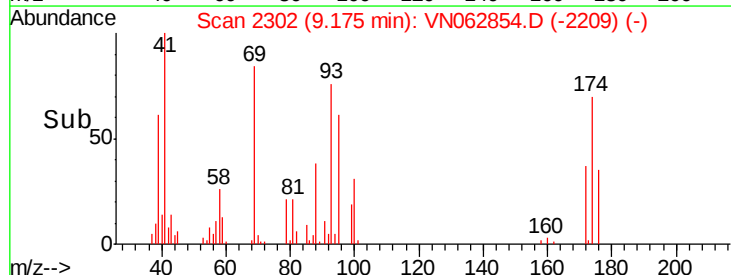
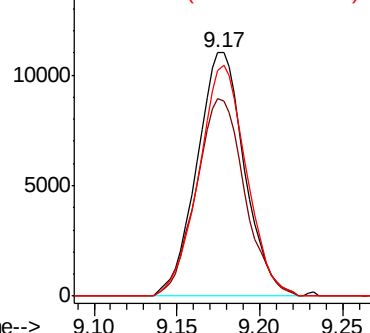
174 94.4 73.9 110.9

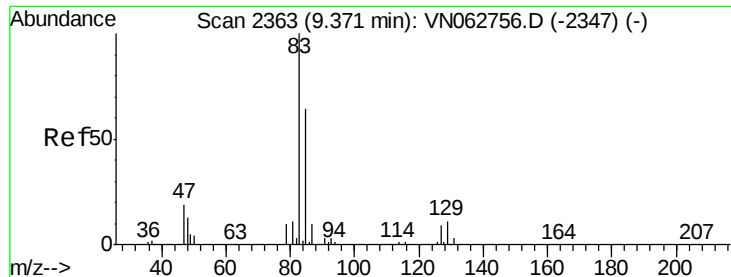


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

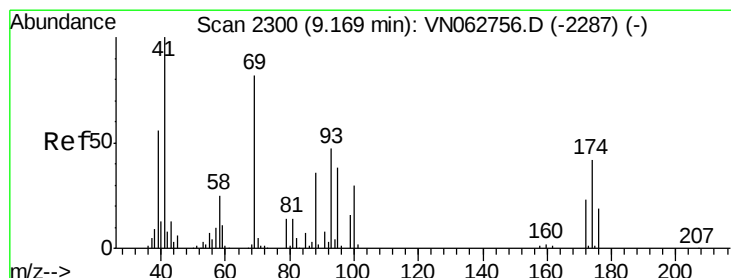
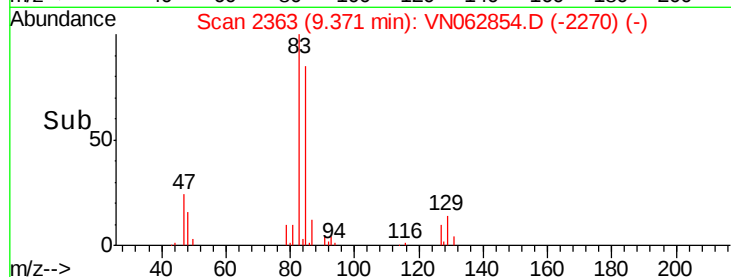
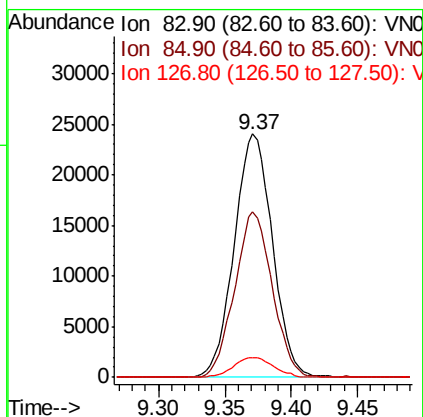
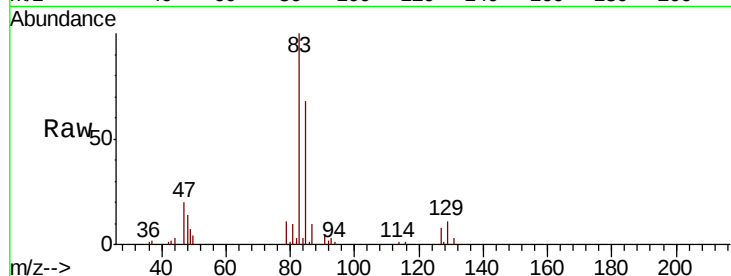




#47
Bromodichloromethane
Concen: 17.780 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

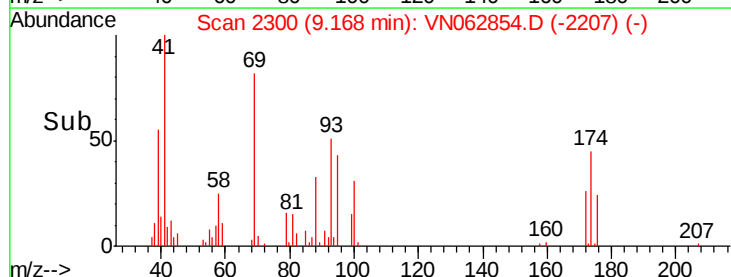
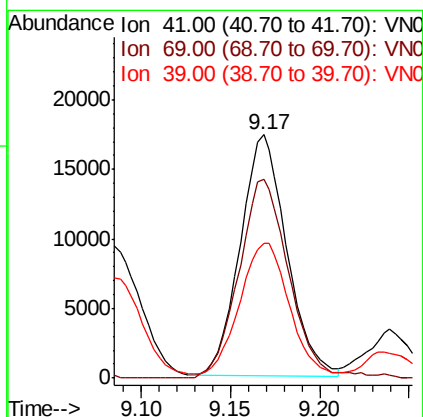
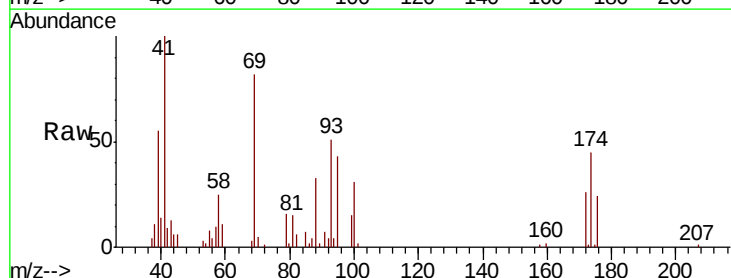
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

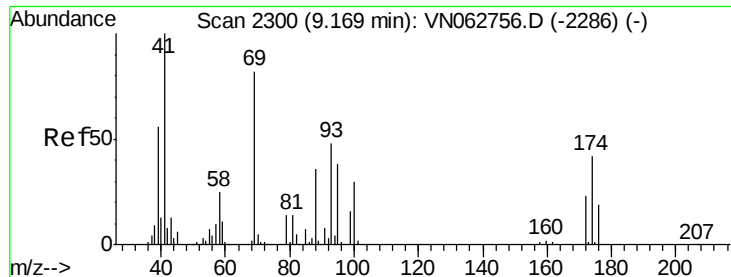
Tot Ion: 83 Resp: 48142
Ion Ratio Lower Upper
83 100
85 67.7 51.4 77.0
127 8.1 6.9 10.3



#48
Methyl methacrylate
Concen: 16.223 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 41 Resp: 31675
Ion Ratio Lower Upper
41 100
69 88.1 67.4 101.2
39 60.7 47.6 71.4

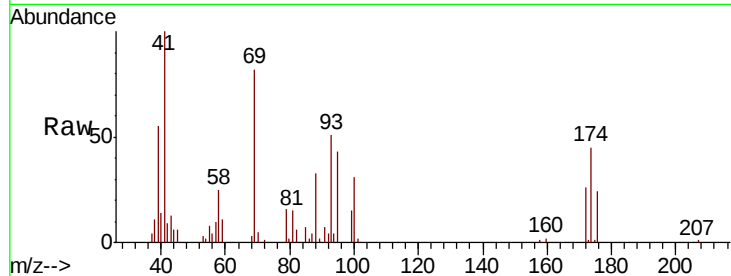




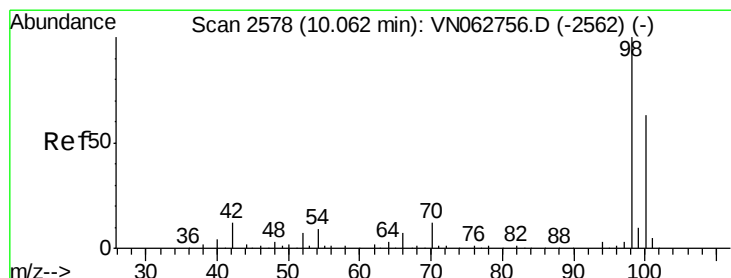
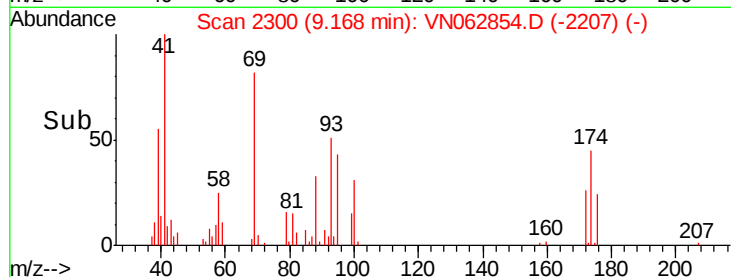
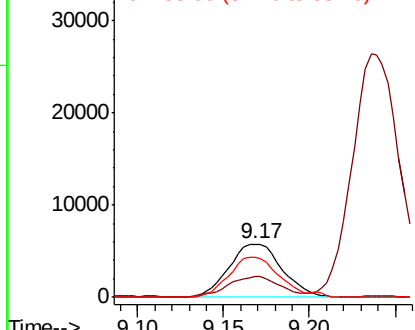
#49
1,4-Dioxane
Concen: 342.478 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion: 88 Resp: 12390
Ion Ratio Lower Upper
88 100
43 39.3 29.5 44.3
58 72.9 59.8 89.8

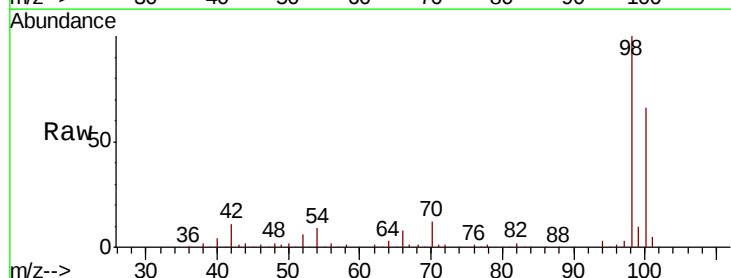


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

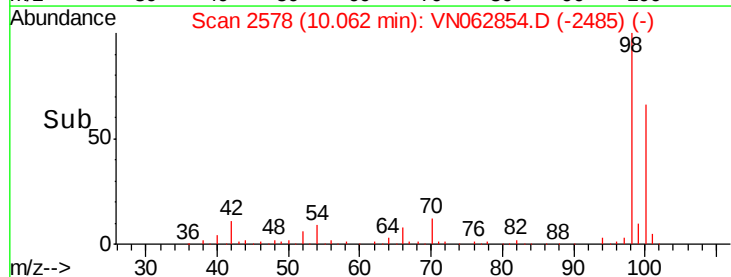
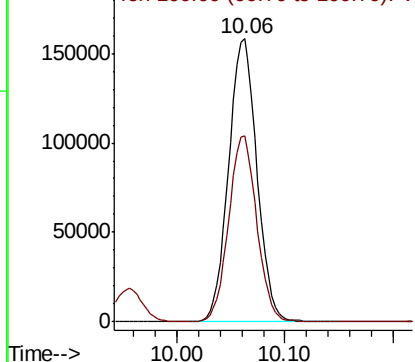


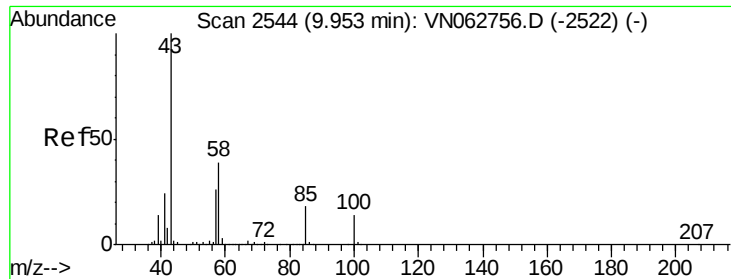
#50
Toluene-d8
Concen: 46.264 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 98 Resp: 289082
Ion Ratio Lower Upper
98 100
100 65.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

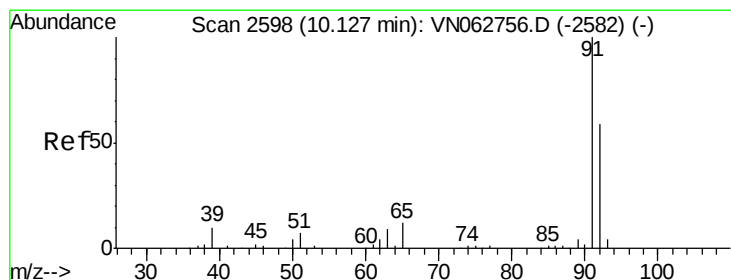
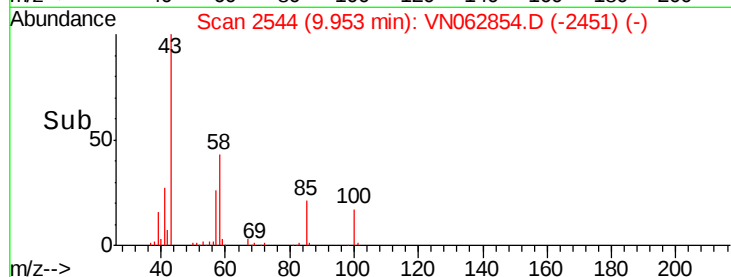
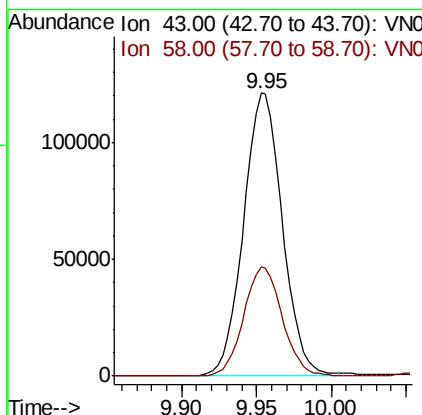
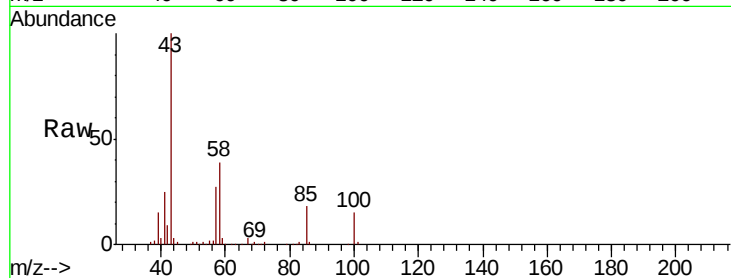




#51
4-Methyl-2-Pentanone
Concen: 85.167 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

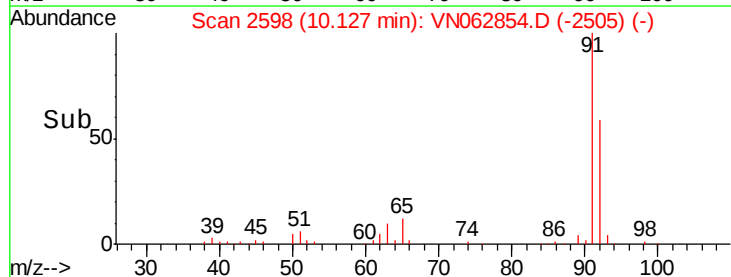
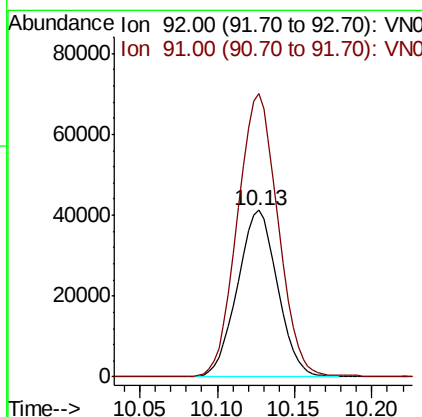
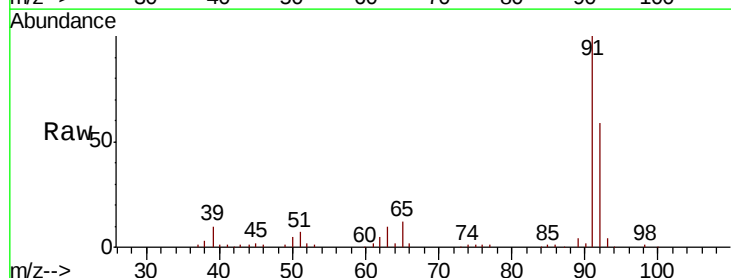
Instrument :
MSVOA_N
ClientSampled :
VN0812WBS01

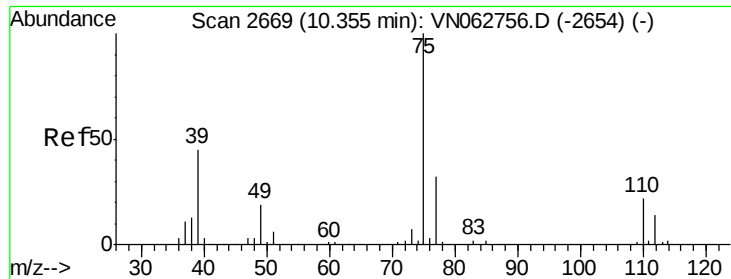
Tot Ion: 43 Resp: 218734
Ion Ratio Lower Upper
43 100
58 38.6 31.1 46.7



#52
Toluene
Concen: 17.663 ug/l
RT: 10.13 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 92 Resp: 74138
Ion Ratio Lower Upper
92 100
91 172.5 138.9 208.3

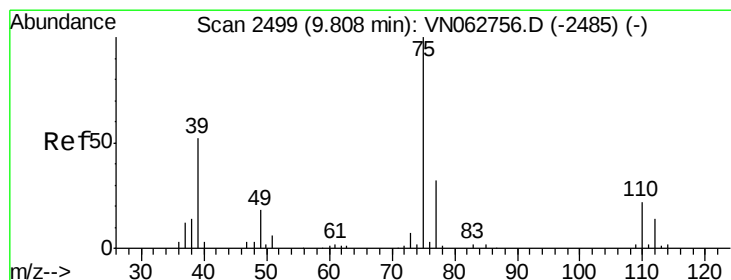
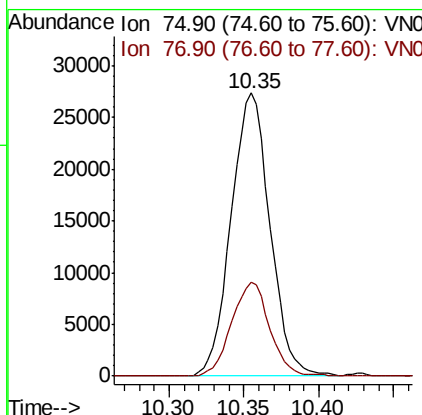
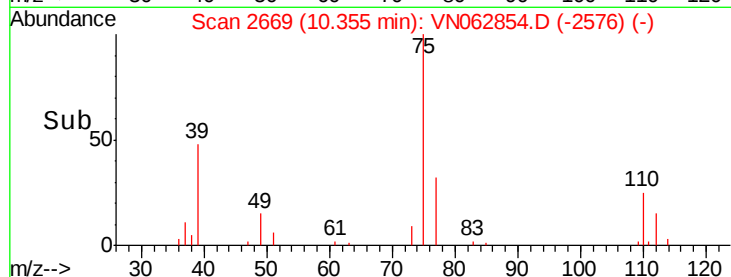
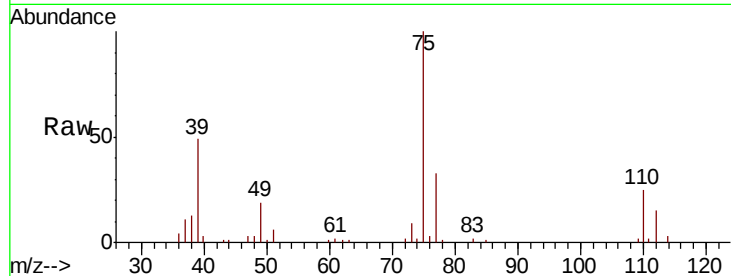




#53
t-1,3-Dichloropropene
Concen: 16.635 ug/l
RT: 10.35 min Scan# 2669
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

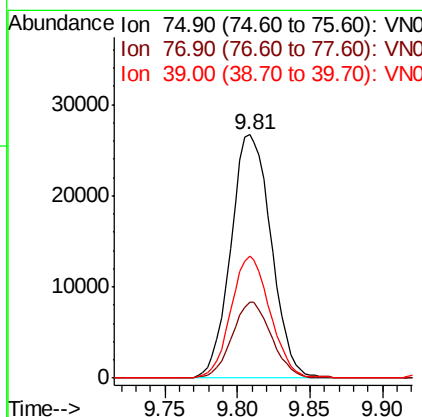
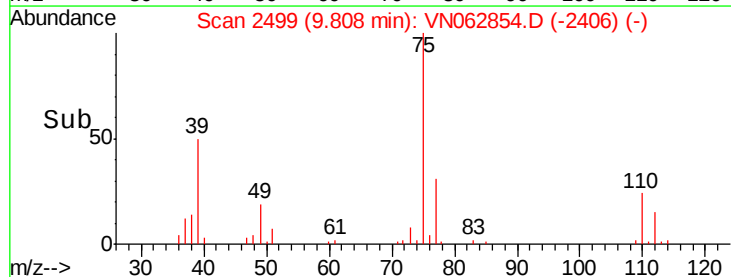
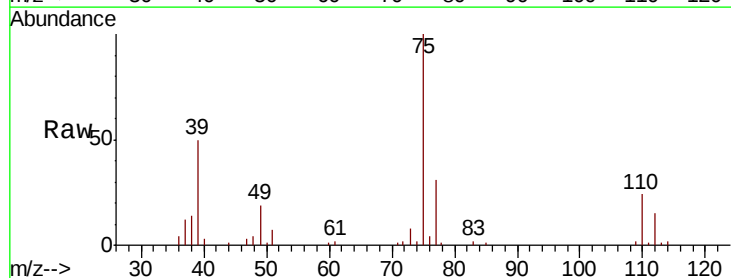
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

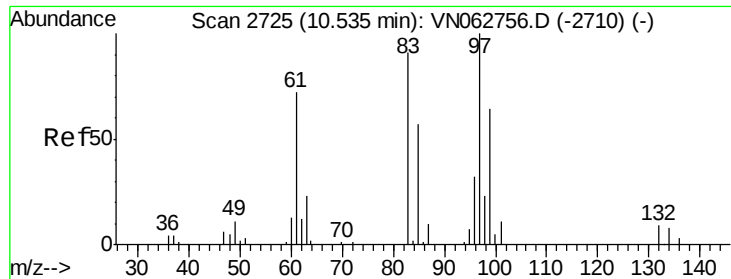
Tot Ion: 75 Resp: 49545
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 17.248 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 75 Resp: 51577
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 49.9 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 18.695 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS01

Tot Ion: 97 Resp: 33515

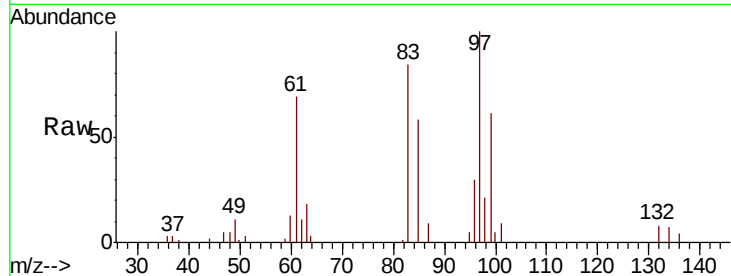
Ion Ratio Lower Upper

97 100

83 84.1 72.6 108.8

85 57.9 46.0 69.0

99 60.5 51.1 76.7



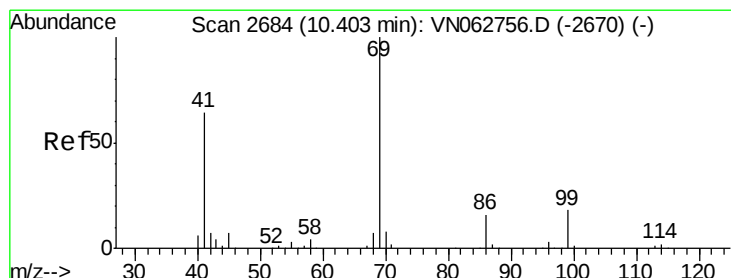
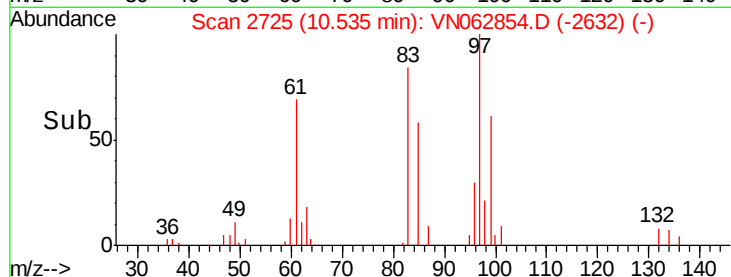
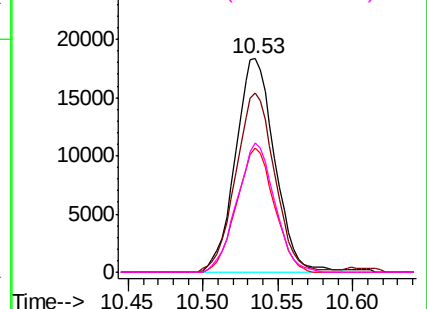
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 16.796 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

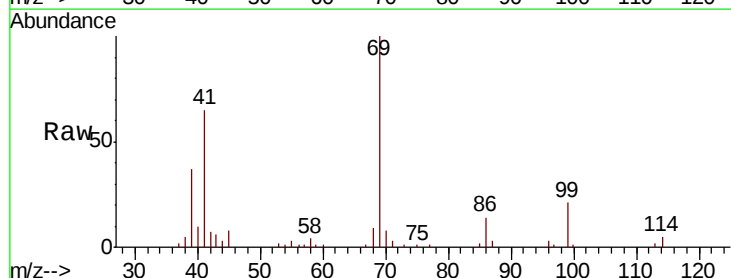
Tgt Ion: 69 Resp: 45320

Ion Ratio Lower Upper

69 100

41 67.2 52.2 78.2

39 35.9 30.9 46.3

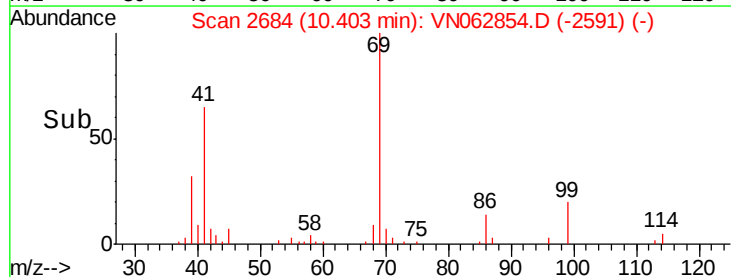
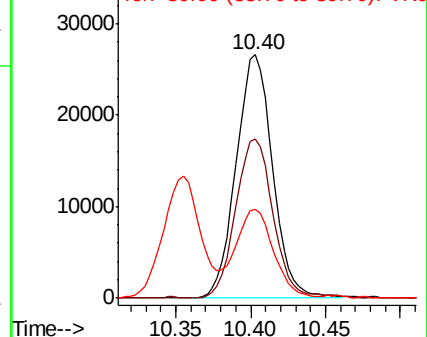


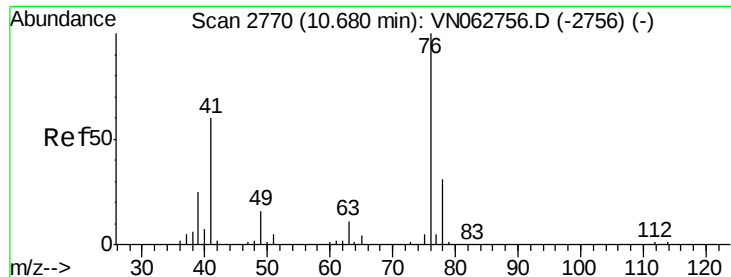
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

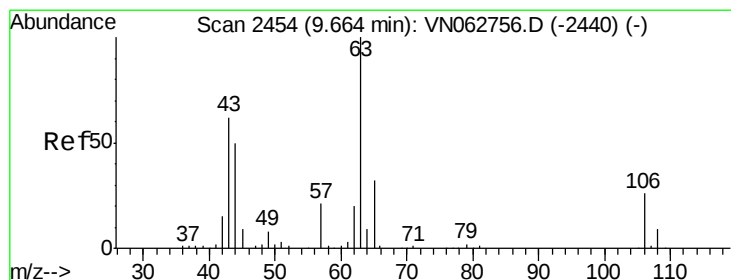
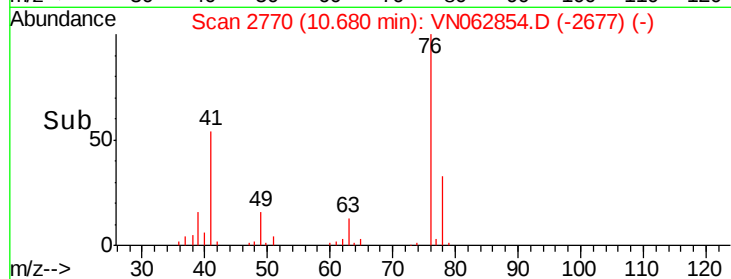
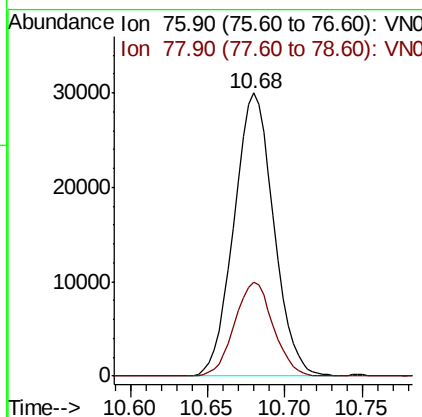
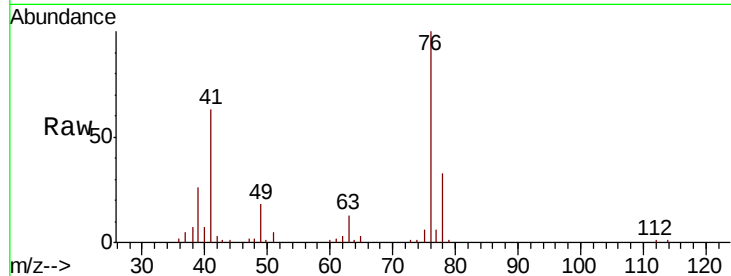




#57
 1,3-Dichloropropane
 Concen: 17.567 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

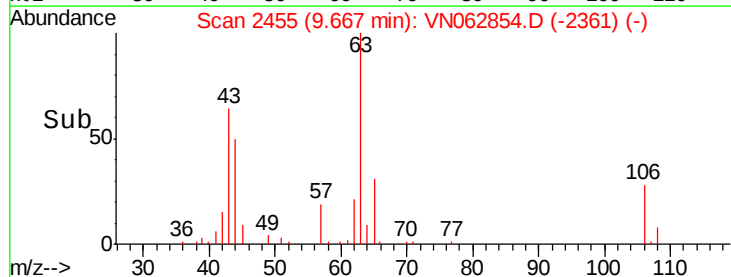
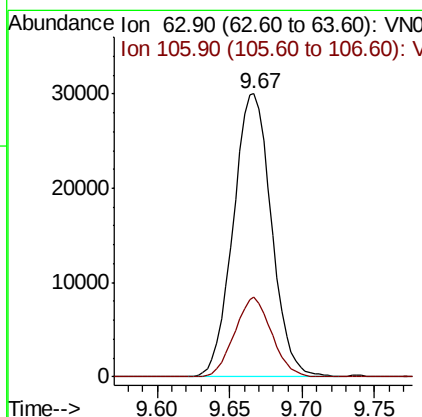
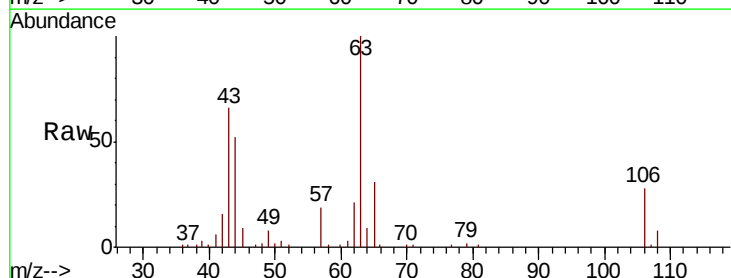
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

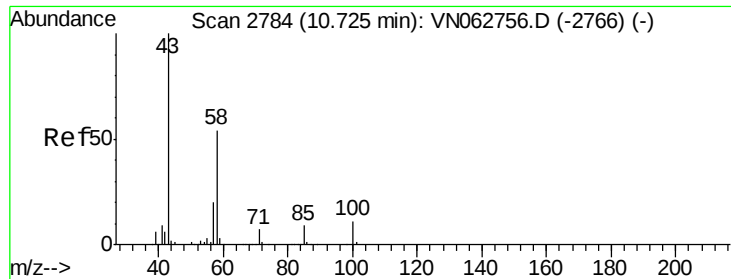
Tot Ion: 76 Resp: 53509
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 71.958 ug/l
 RT: 9.67 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion: 63 Resp: 54884
 Ion Ratio Lower Upper
 63 100
 106 27.1 20.9 31.3

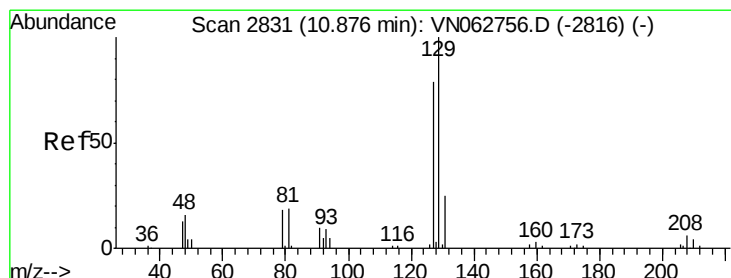
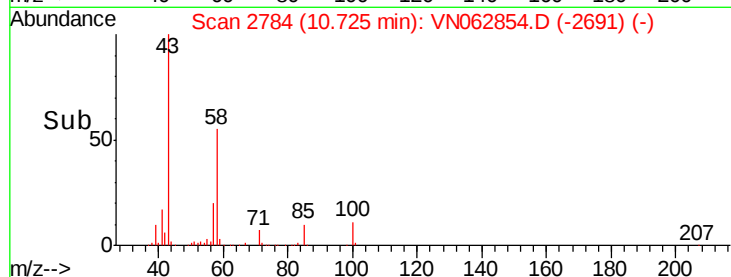
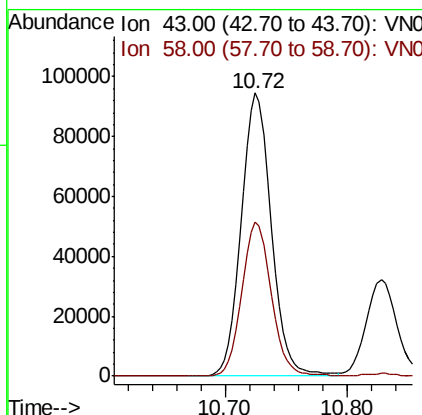
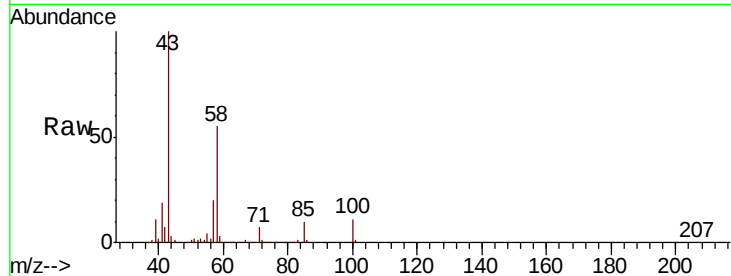




#59
2-Hexanone
Concen: 83.797 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

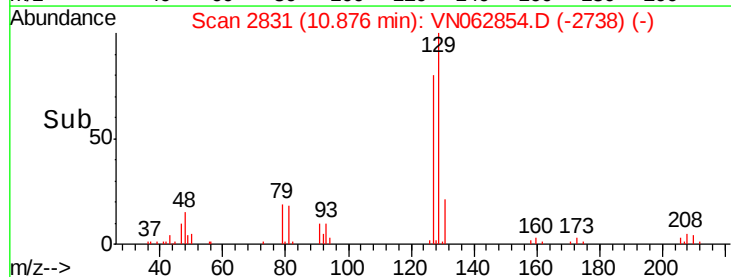
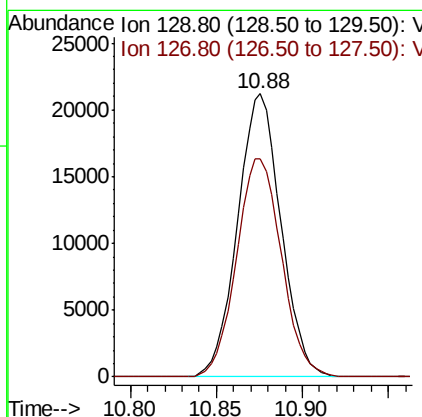
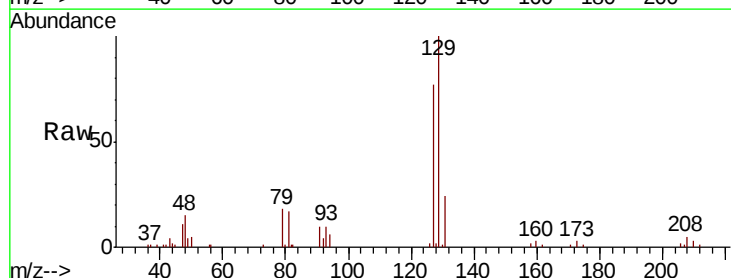
Instrument :
MSVOA_N
ClientSampled :
VN0812WBS01

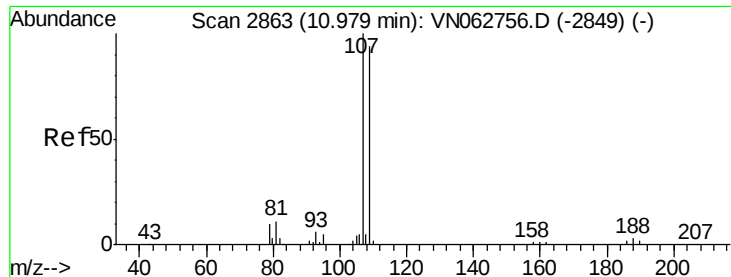
Tot Ion: 43 Resp: 160538
Ion Ratio Lower Upper
43 100
58 53.3 26.7 80.1



#60
Dibromochloromethane
Concen: 18.177 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 129 Resp: 37185
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.2

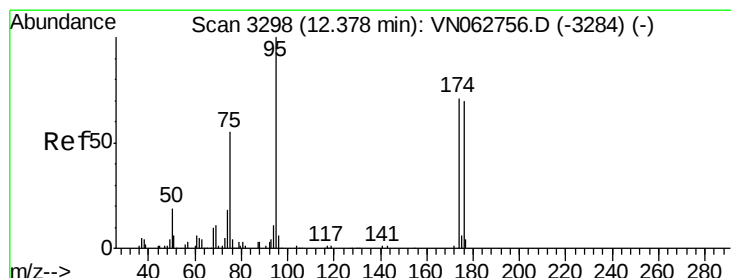
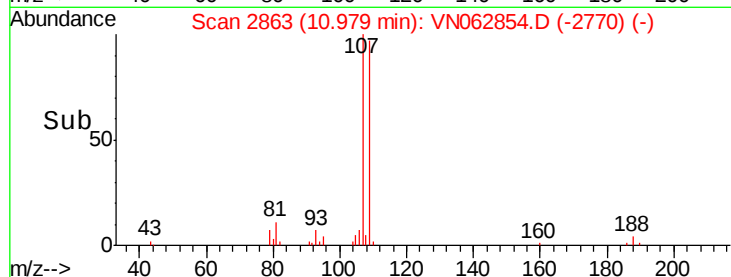
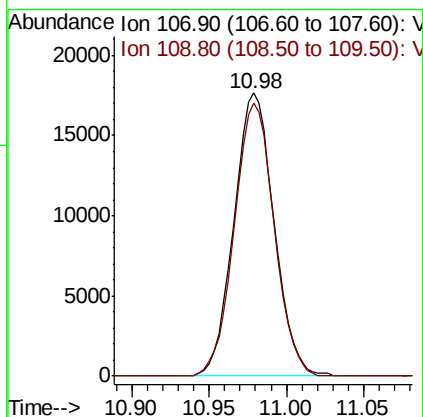
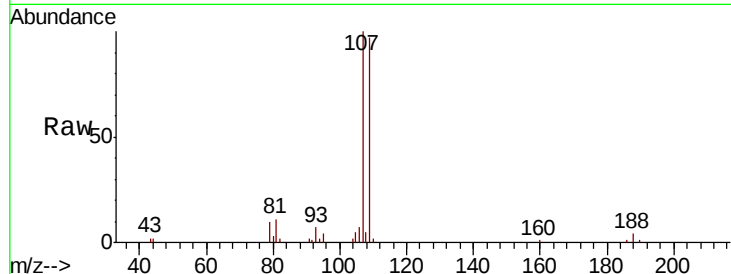




#61
 1,2-Dibromoethane
 Concen: 17.979 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

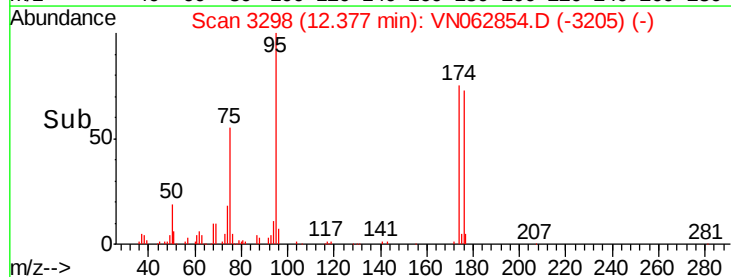
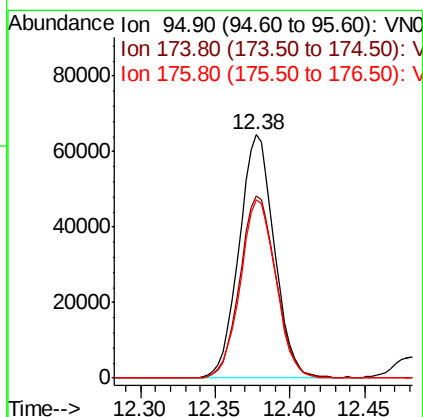
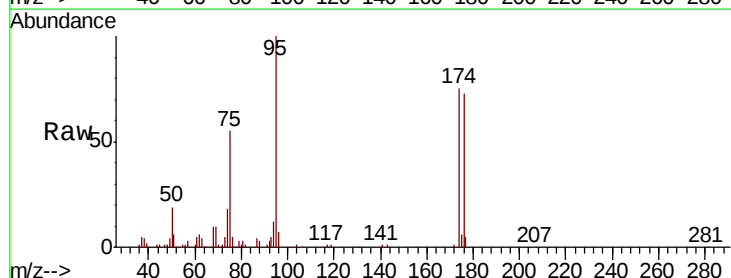
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

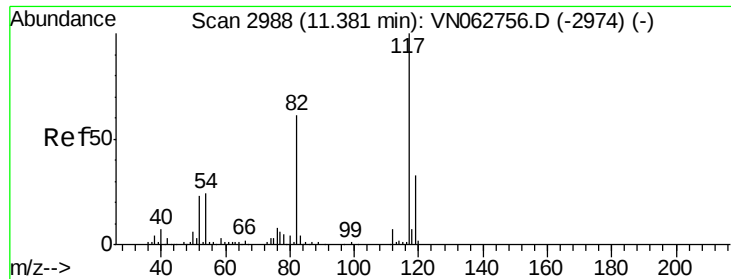
Tot Ion:107 Resp: 31804
 Ion Ratio Lower Upper
 107 100
 109 95.7 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 44.802 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion: 95 Resp: 105790
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 144.8
 176 73.9 0.0 142.2

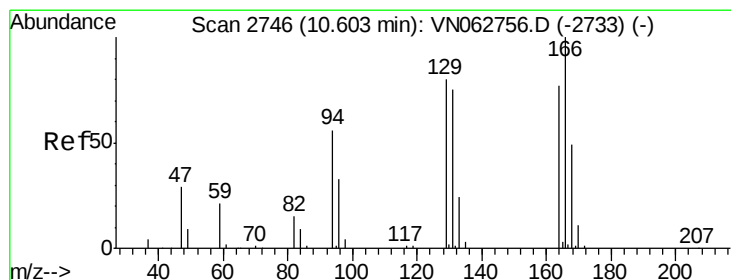
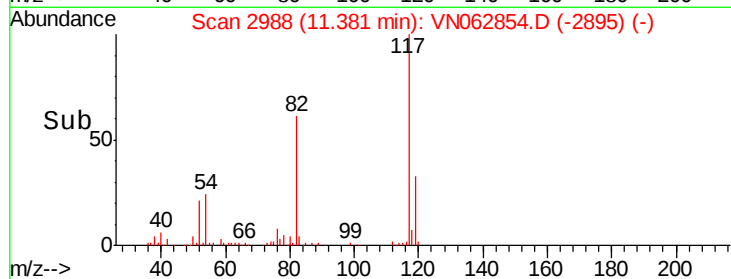
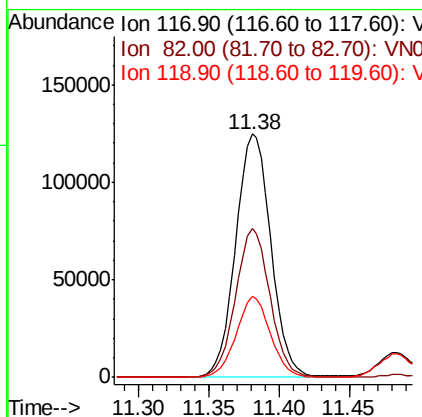
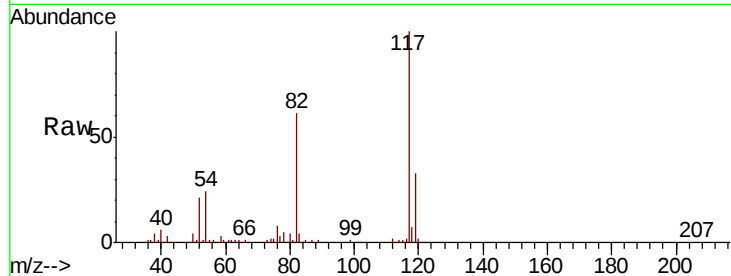




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

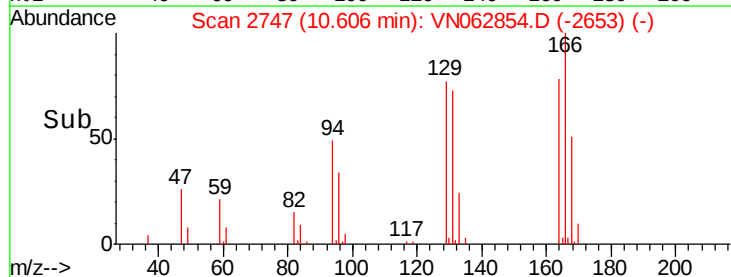
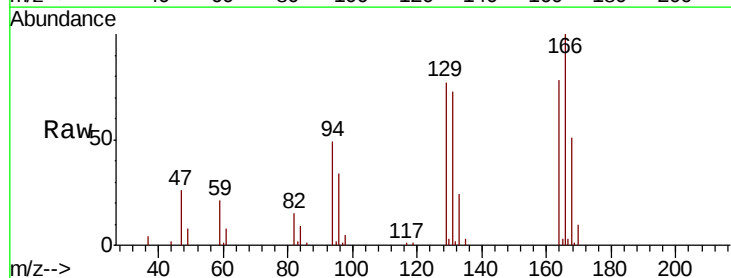
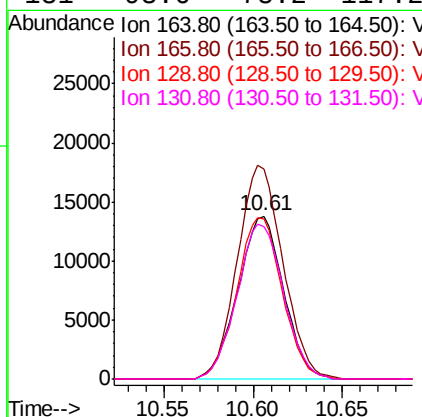
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

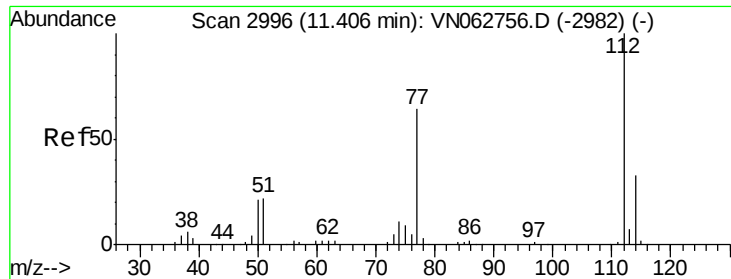
Tot Ion:117 Resp: 218763
Ion Ratio Lower Upper
117 100
82 61.0 49.0 73.4
119 33.1 26.2 39.2



#64
Tetrachloroethene
Concen: 17.506 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion:164 Resp: 24710
Ion Ratio Lower Upper
164 100
166 128.5 103.8 155.8
129 98.5 82.7 124.1
131 93.6 78.2 117.2

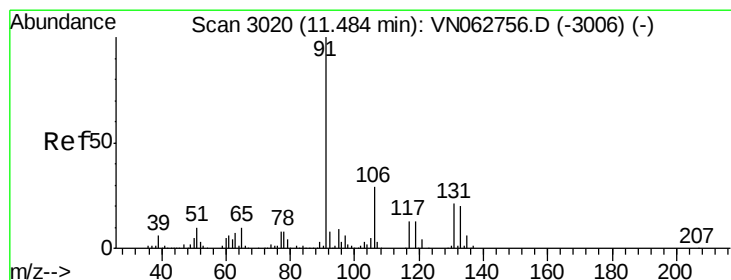
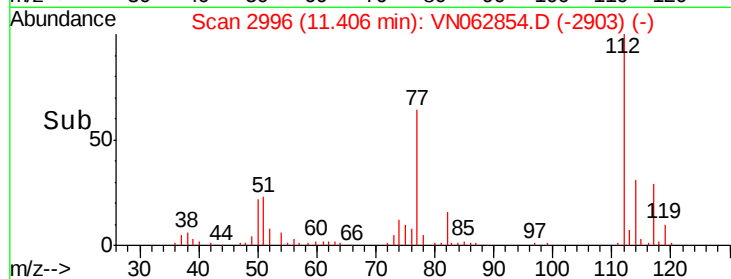
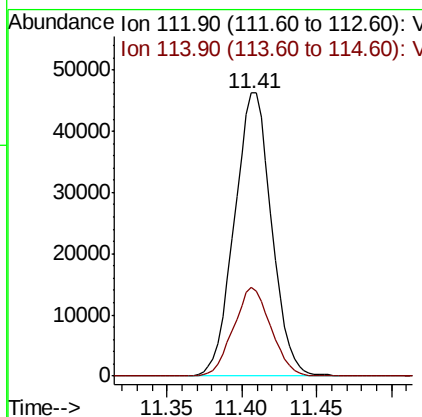
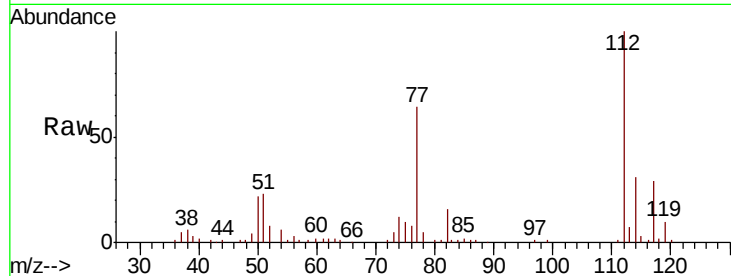




#65
Chlorobenzene
Concen: 17.497 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

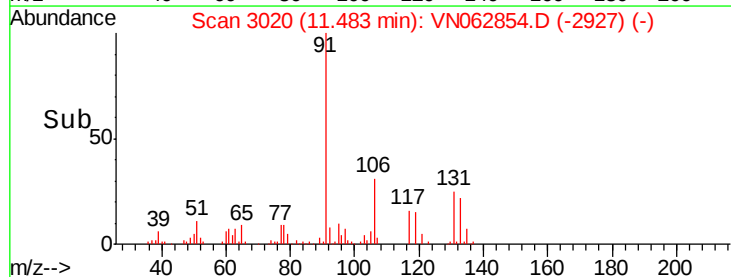
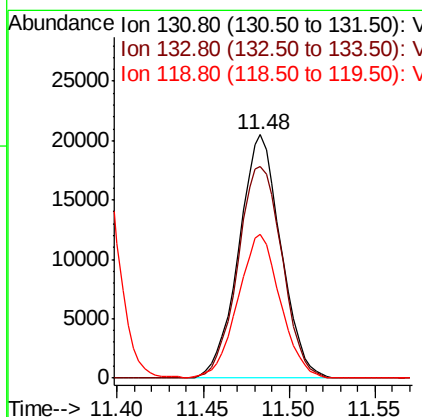
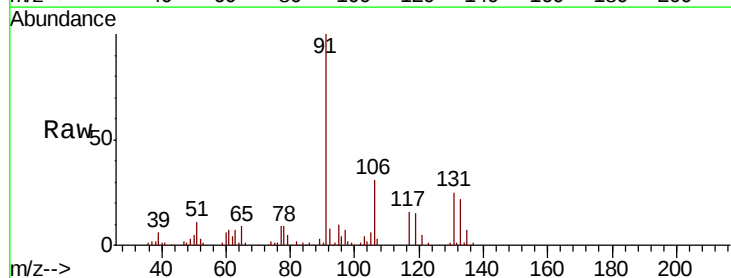
Instrument :
MSVOA_N
ClientSampled :
VN0812WBS01

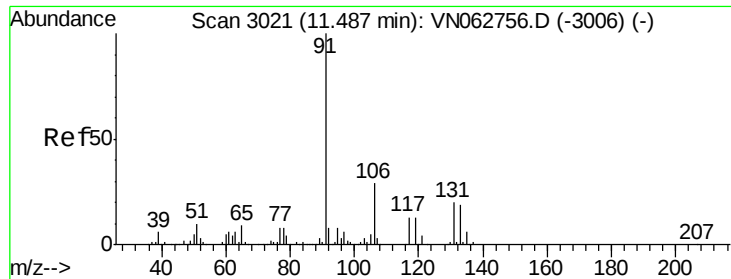
Tot Ion:112 Resp: 80013
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.984 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion:131 Resp: 34863
Ion Ratio Lower Upper
131 100
133 91.5 48.6 145.8
119 59.7 32.2 96.6

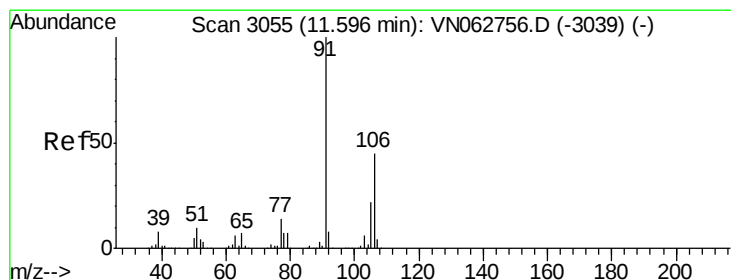
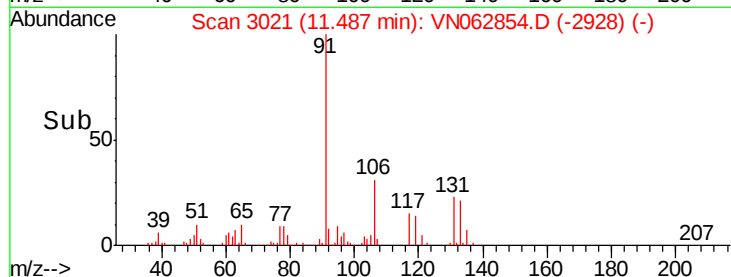
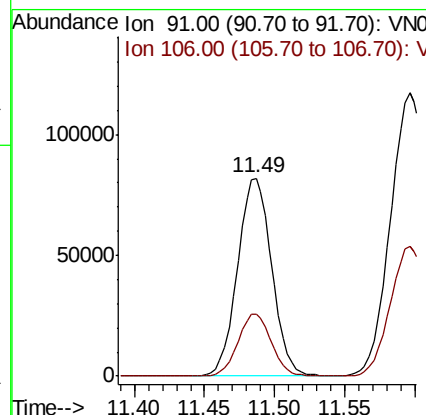
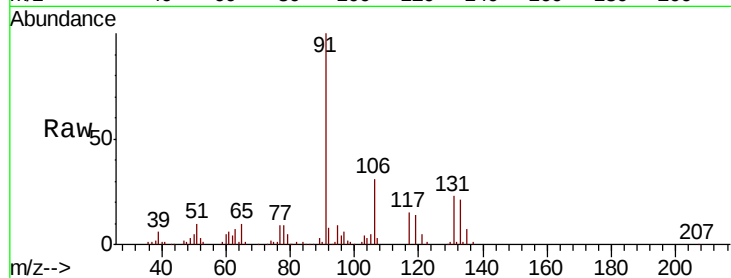




#67
Ethyl Benzene
Concen: 17.037 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

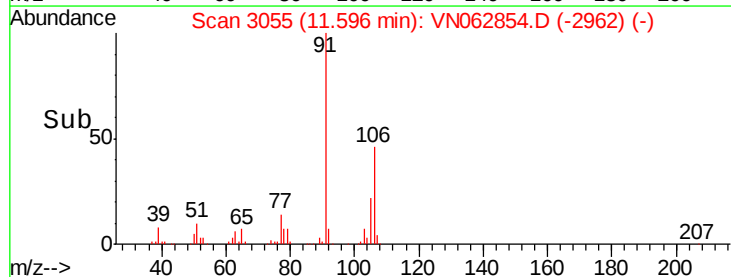
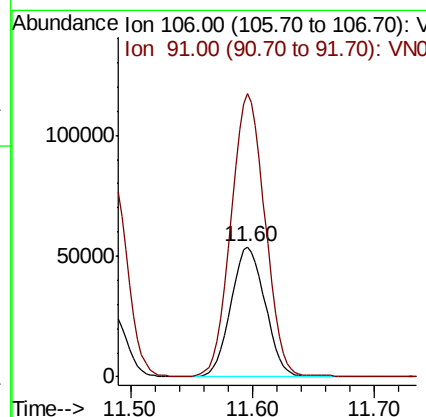
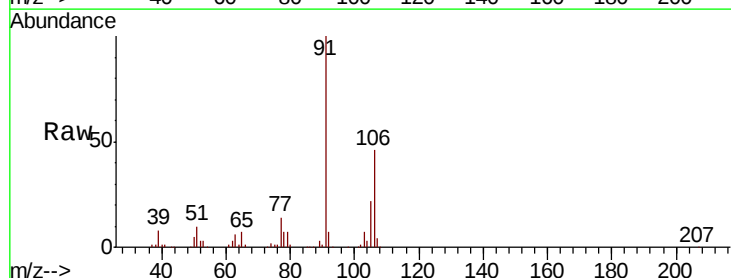
Instrument :
MSVOA_N
ClientSampled :
VN0812WBS01

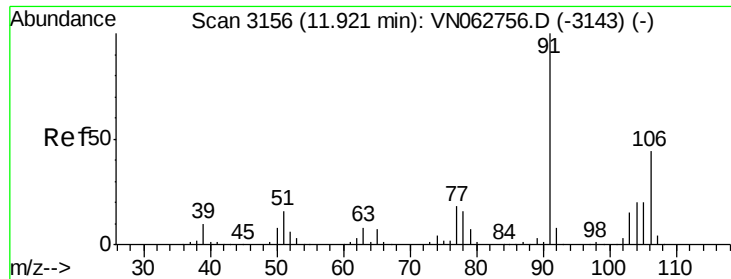
Tot Ion: 91 Resp: 139415
Ion Ratio Lower Upper
91 100
106 31.4 23.2 34.8



#68
m/p-Xylenes
Concen: 35.474 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 106 Resp: 105376
Ion Ratio Lower Upper
106 100
91 216.9 175.9 263.9

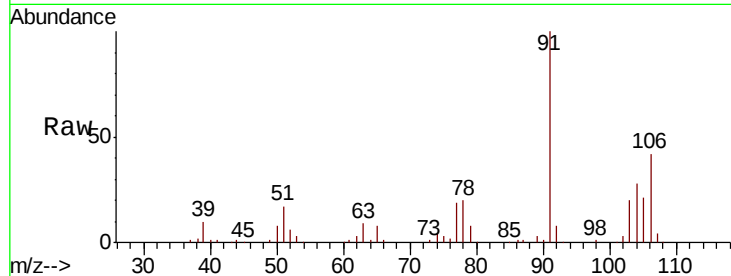




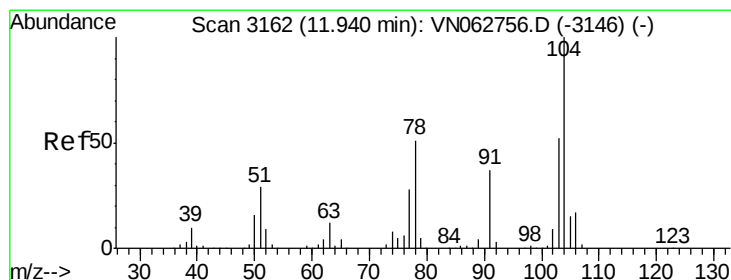
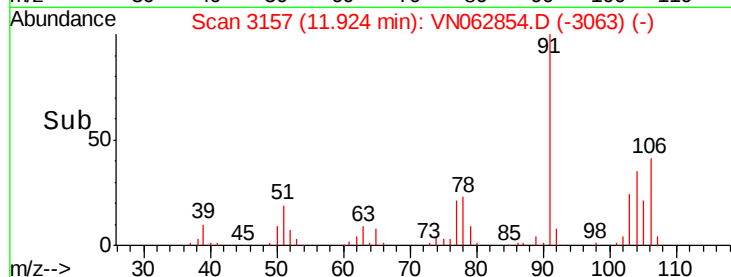
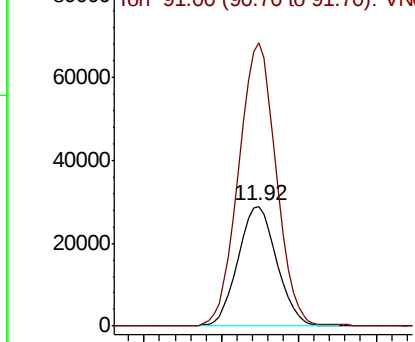
#69
o-Xylene
Concen: 18.074 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion:106 Resp: 50314
Ion Ratio Lower Upper
106 100
91 229.9 115.8 347.4

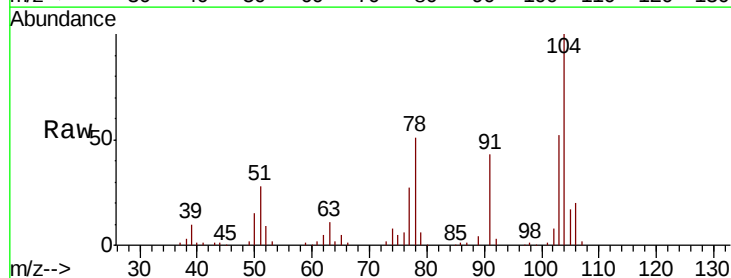


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

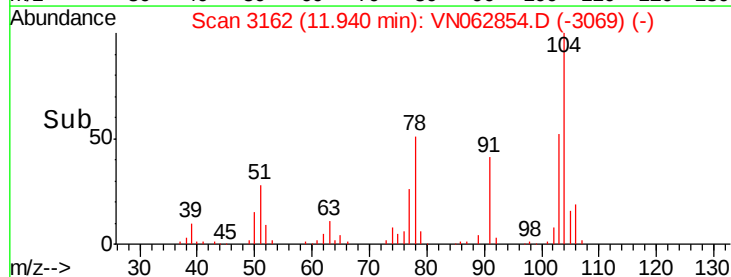
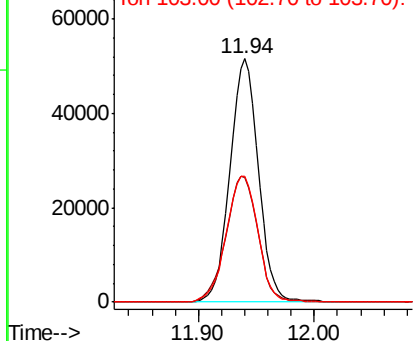


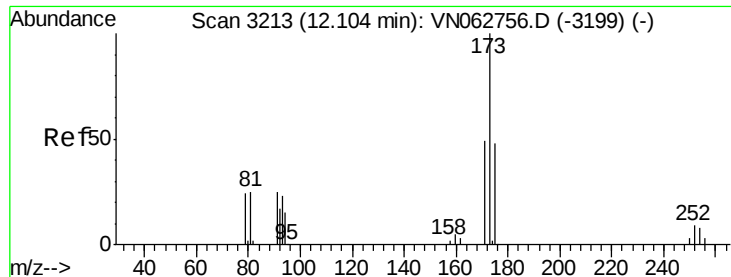
#70
Styrene
Concen: 17.854 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion:104 Resp: 87362
Ion Ratio Lower Upper
104 100
78 57.9 45.9 68.9
103 57.5 45.1 67.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.532 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

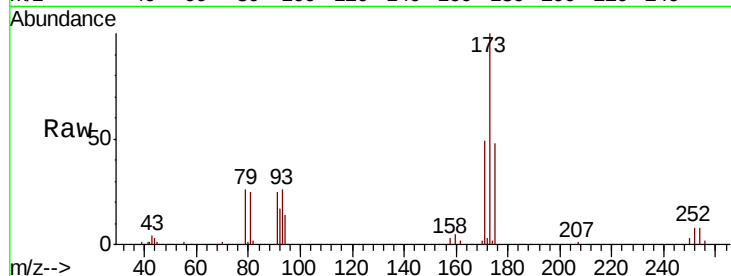
Tot Ion:173 Resp: 26342

Ion Ratio Lower Upper

173 100

175 50.0 24.0 72.0

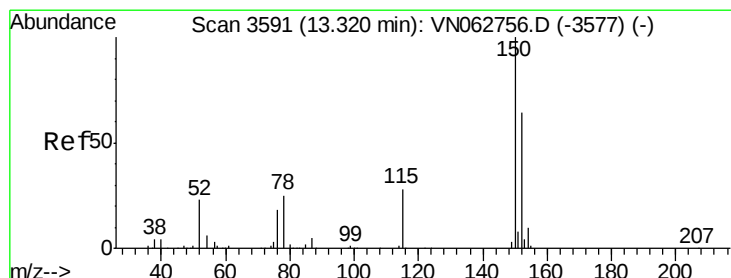
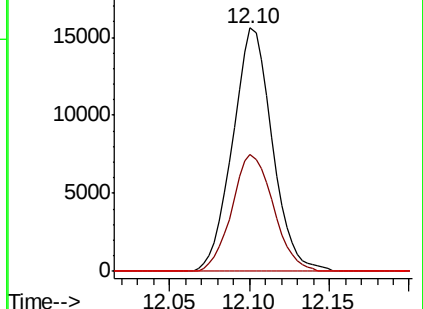
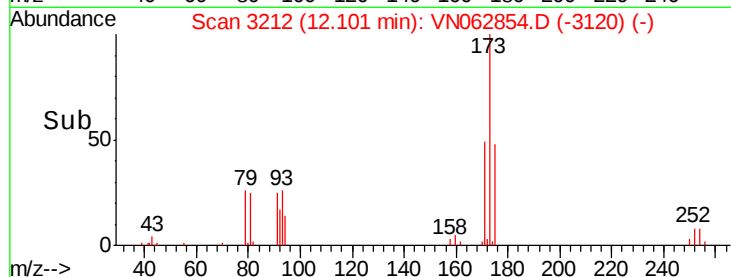
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

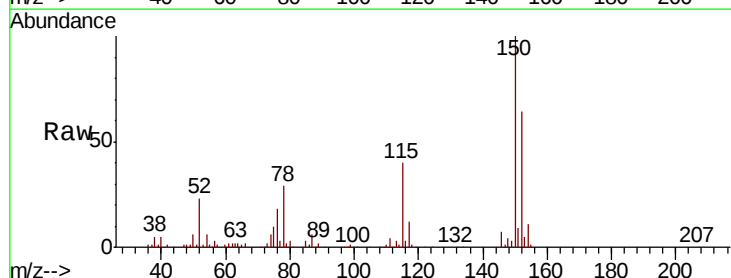
Tgt Ion:152 Resp: 104020

Ion Ratio Lower Upper

152 100

115 63.2 31.6 94.8

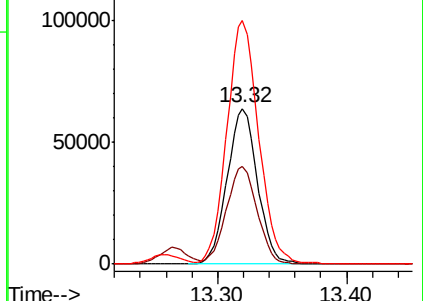
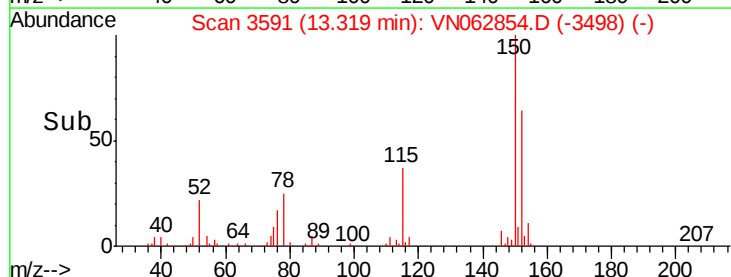
150 164.0 0.0 349.2

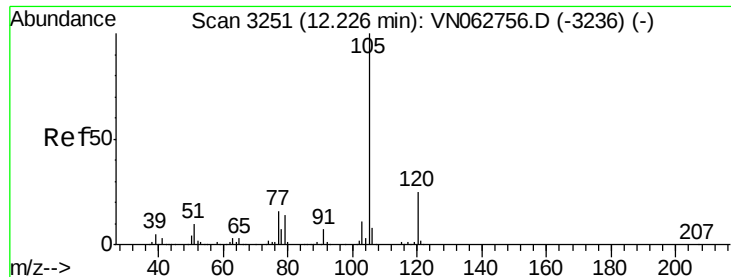


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.955 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

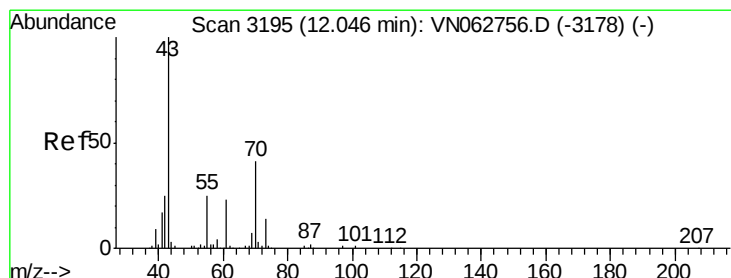
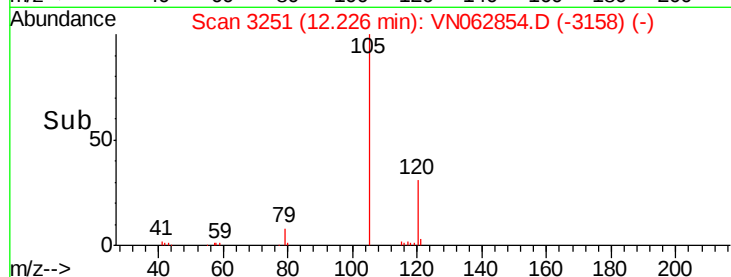
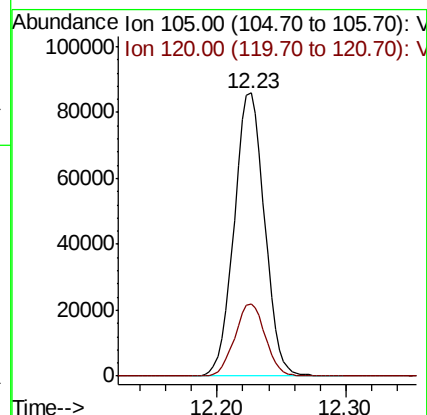
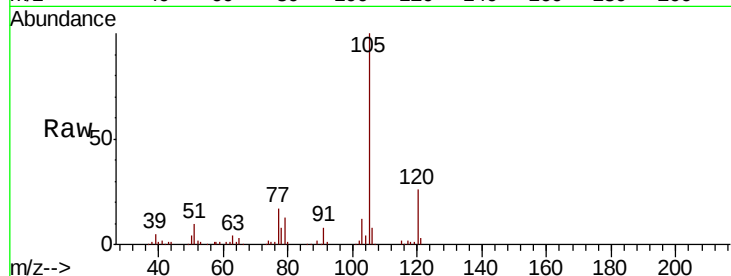
VN0812WBS01

Tot Ion:105 Resp: 140635

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



#74

N-ethyl acetate

Concen: 17.308 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Tgt Ion: 43 Resp: 54937

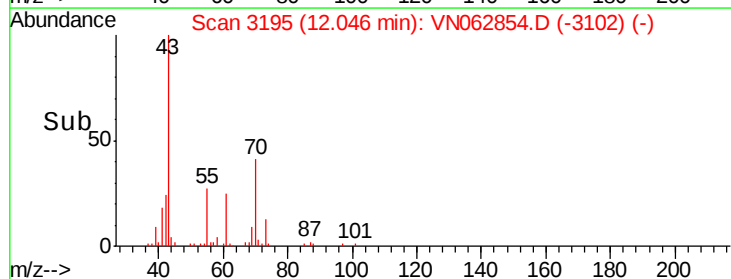
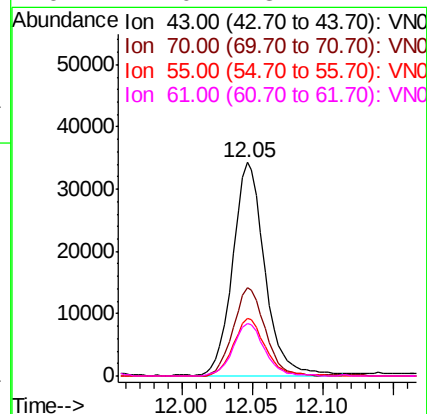
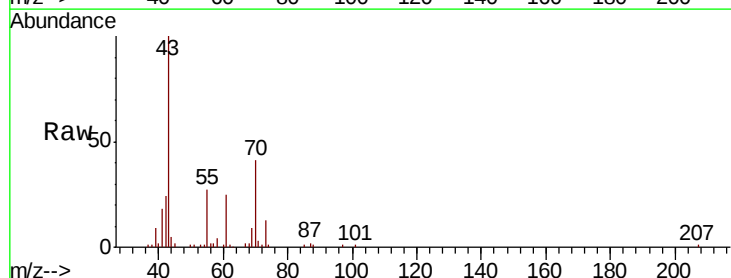
Ion Ratio Lower Upper

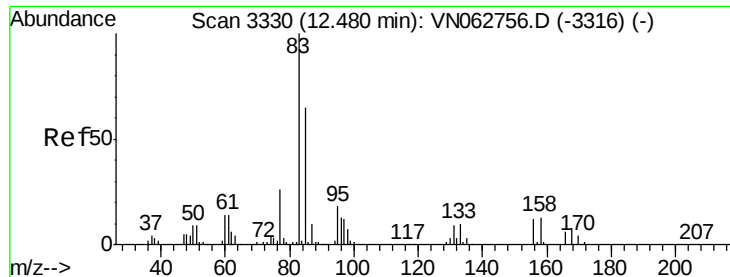
43 100

70 40.7 32.3 48.5

55 26.9 20.2 30.2

61 24.0 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.374 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

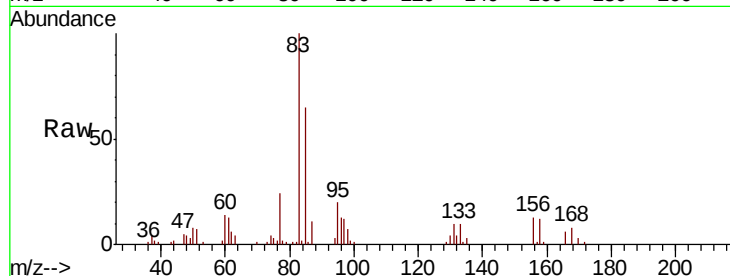
Tot Ion: 83 Resp: 50664

Ion Ratio Lower Upper

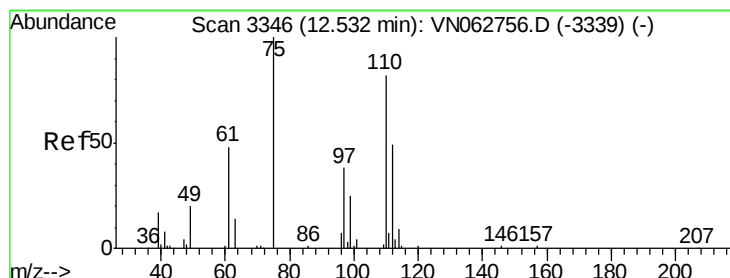
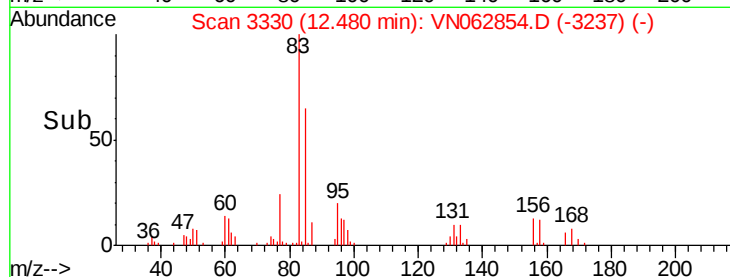
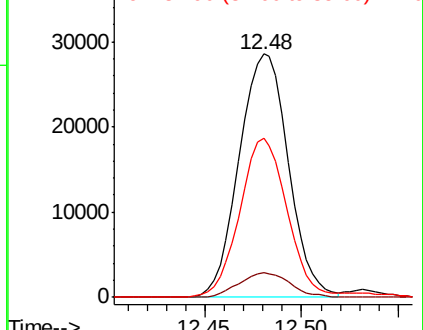
83 100

131 10.5 5.1 15.4

85 62.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 23.907 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN062854.D

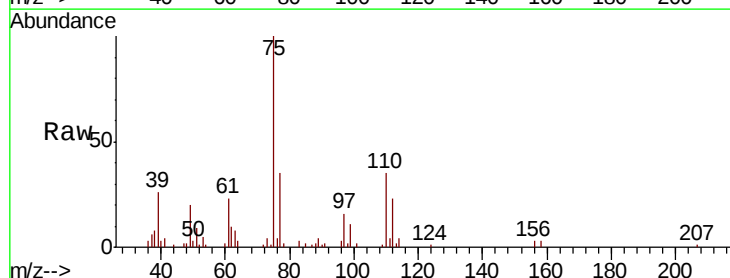
Acq: 12 Aug 2020 13:36

Tgt Ion: 75 Resp: 67067

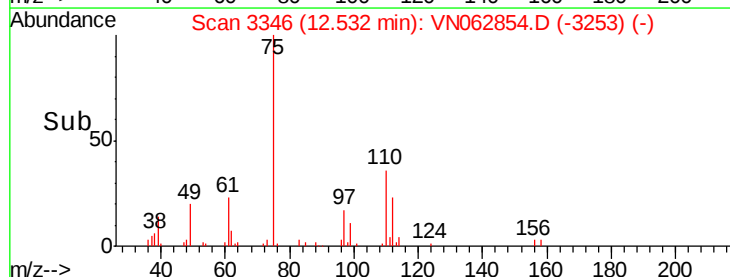
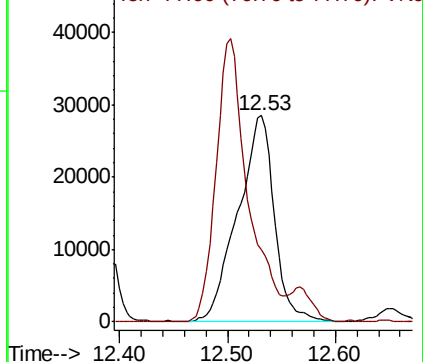
Ion Ratio Lower Upper

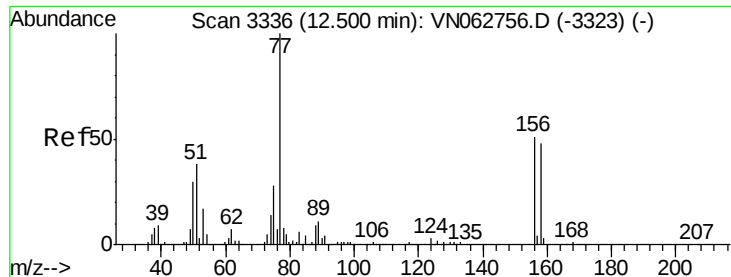
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.340 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

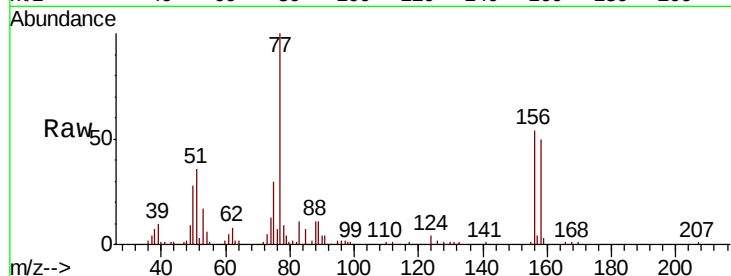
Tot Ion:156 Resp: 35693

Ion Ratio Lower Upper

156 100

77 224.9 119.7 359.1

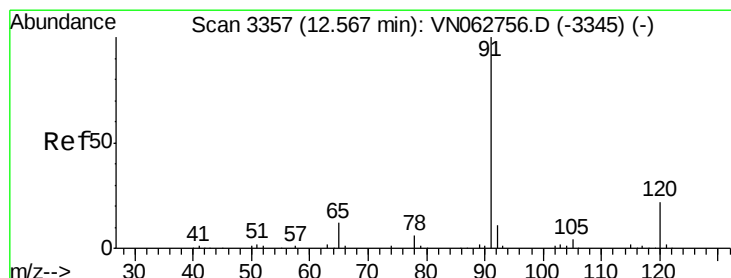
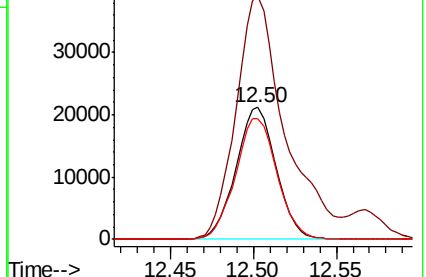
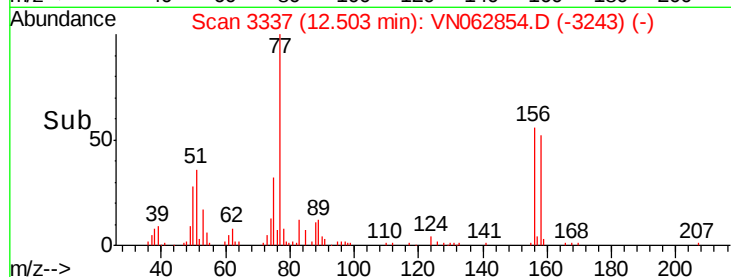
158 94.6 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.689 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062854.D

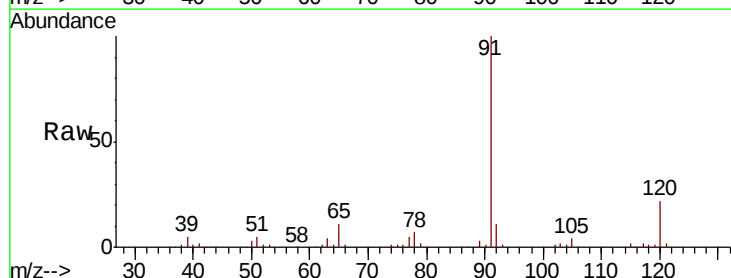
Acq: 12 Aug 2020 13:36

Tgt Ion: 91 Resp: 162643

Ion Ratio Lower Upper

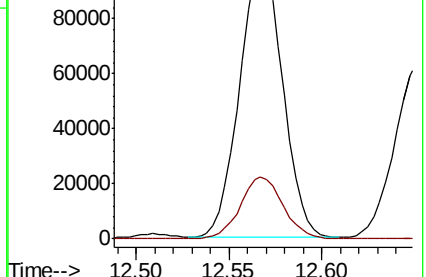
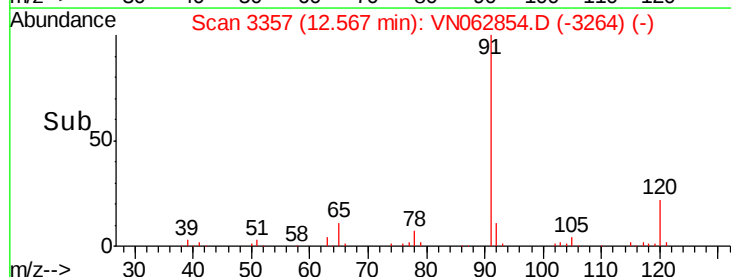
91 100

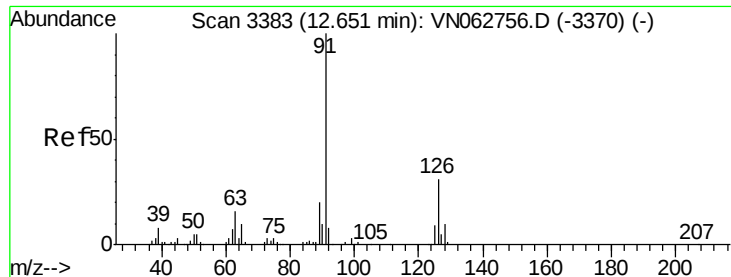
120 22.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

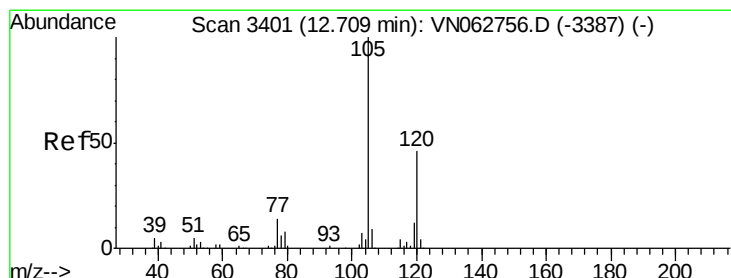
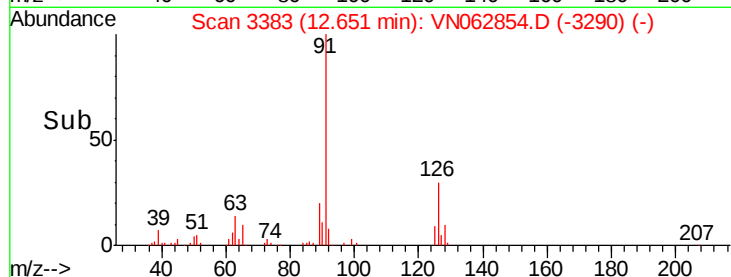
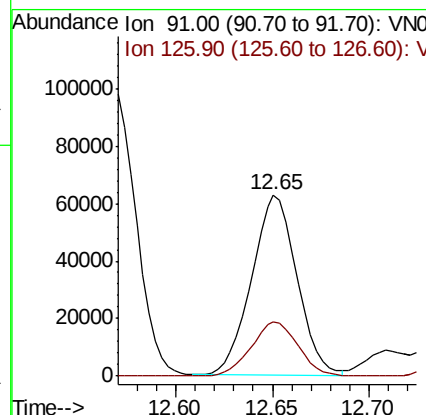
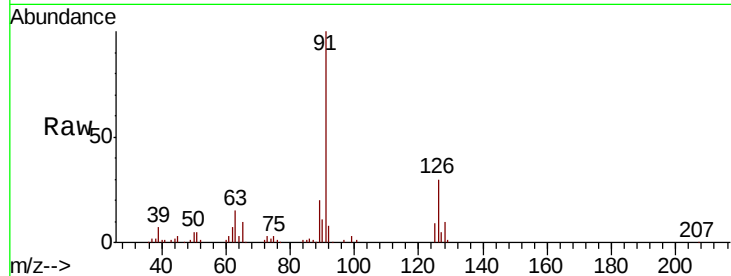




#79
 2-Chlorotoluene
 Concen: 17.722 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

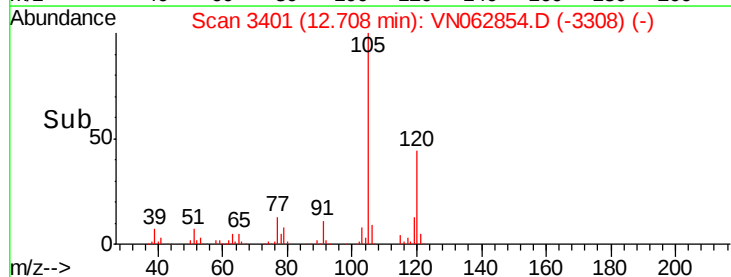
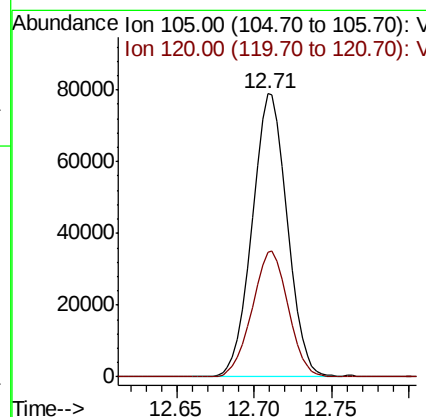
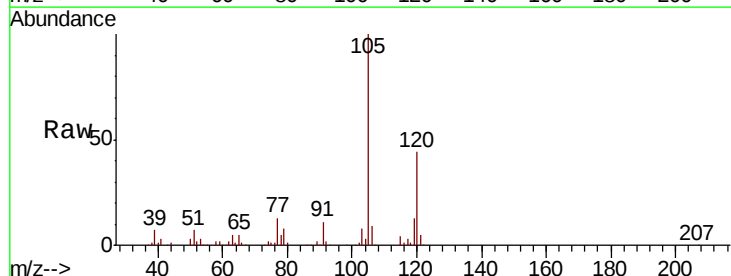
Instrument :
 MSVOA_N
 ClientSampled :
 VN0812WBS01

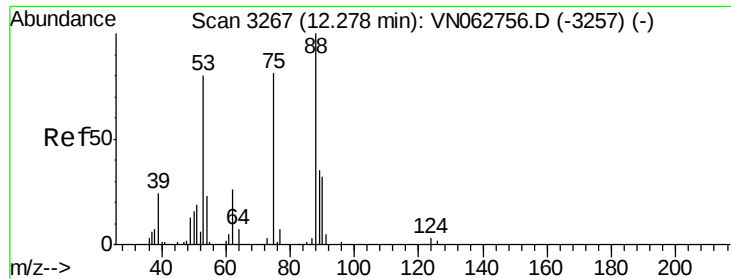
Tot Ion: 91 Resp: 102180
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.410 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion:105 Resp: 125098
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 16.843 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

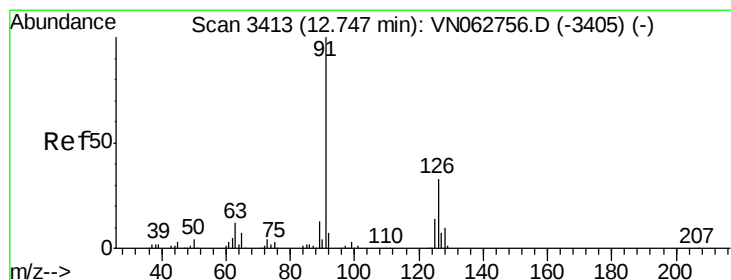
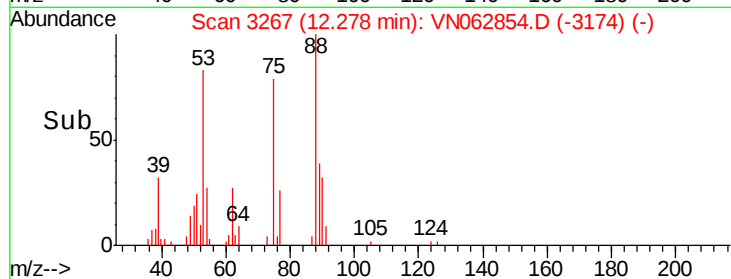
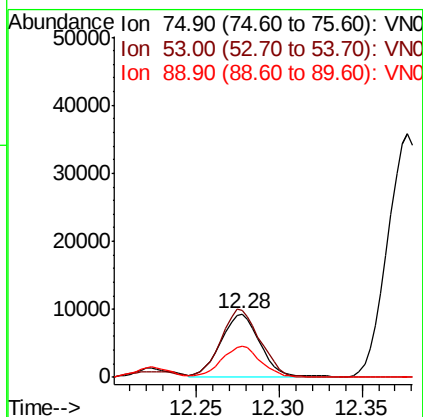
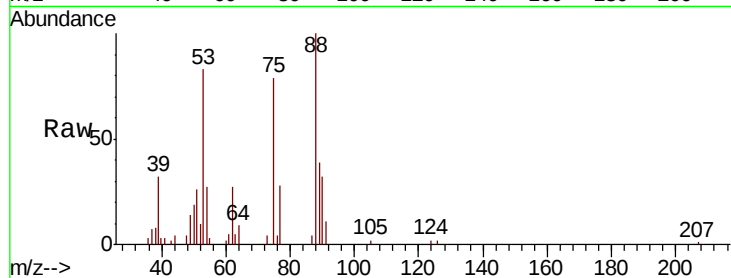
Tot Ion: 75 Resp: 15478

Ion Ratio Lower Upper

75 100

53 106.3 79.1 118.7

89 48.0 36.2 54.2



#82

4-Chlorotoluene

Concen: 17.952 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062854.D

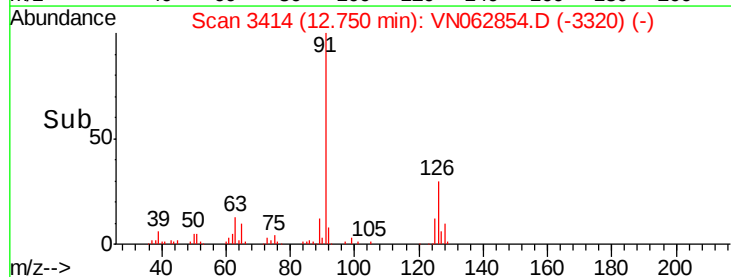
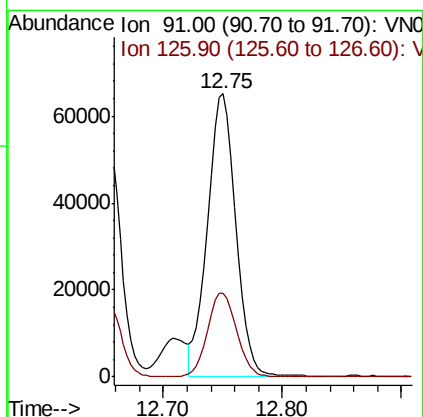
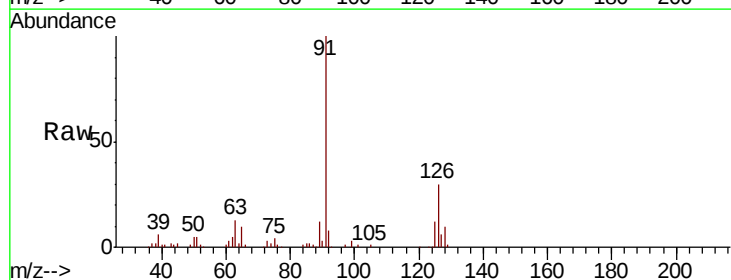
Acq: 12 Aug 2020 13:36

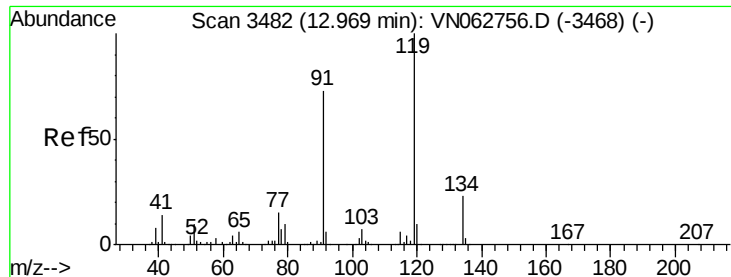
Tgt Ion: 91 Resp: 106663

Ion Ratio Lower Upper

91 100

126 30.8 15.3 45.9

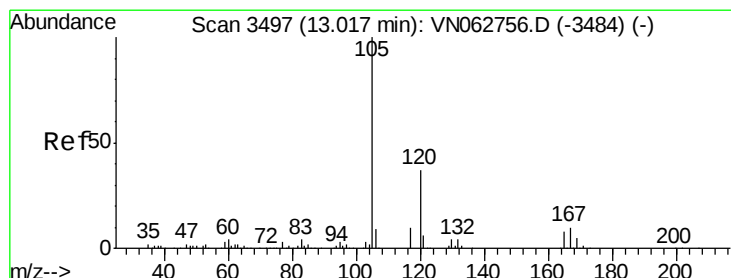
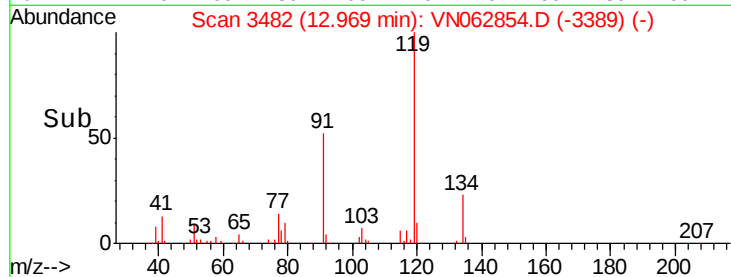
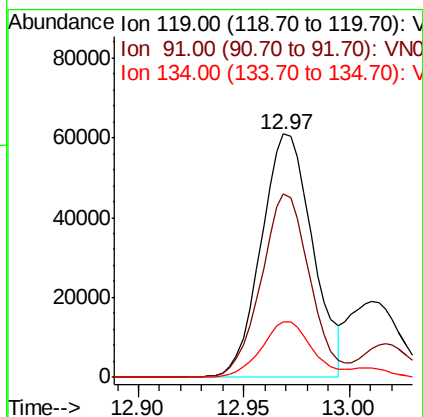
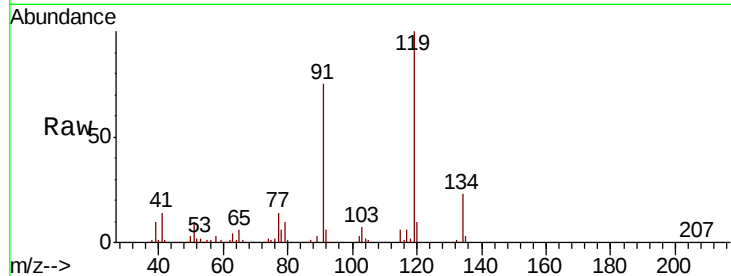




#83
tert-Butylbenzene
Concen: 17.983 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

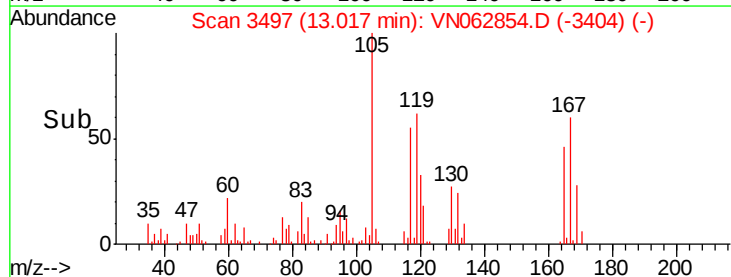
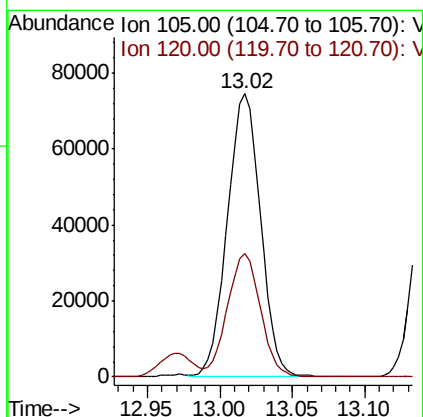
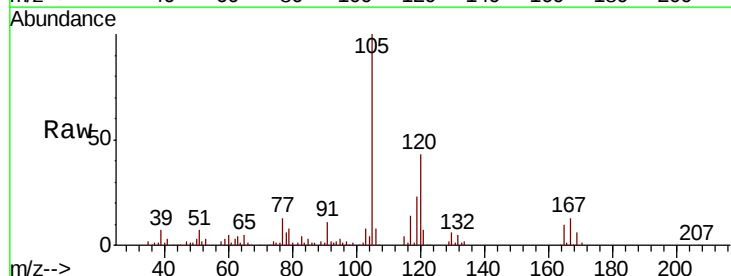
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

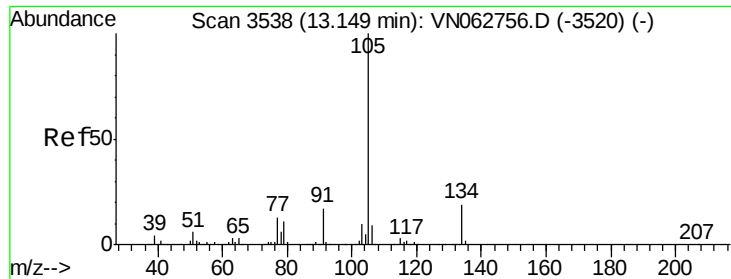
Tot Ion:119 Resp: 103402
Ion Ratio Lower Upper
119 100
91 71.3 36.5 109.5
134 22.6 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 18.158 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion:105 Resp: 118045
Ion Ratio Lower Upper
105 100
120 43.6 21.4 64.2





#85

sec-Butylbenzene

Concen: 17.800 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

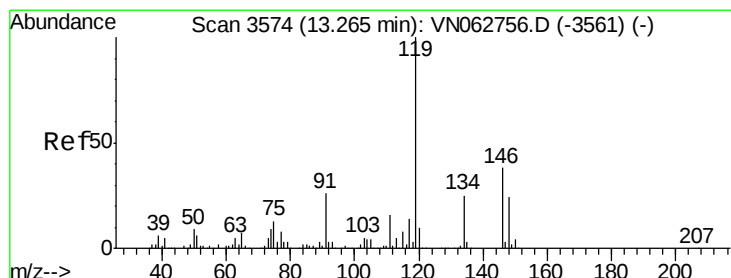
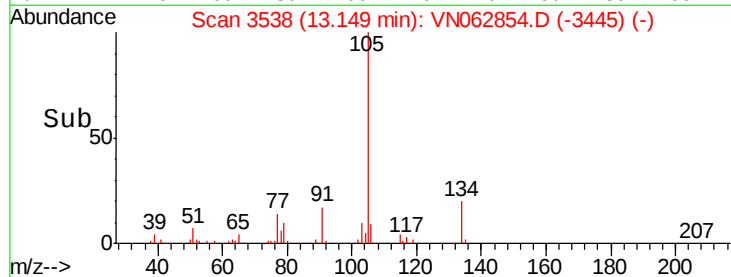
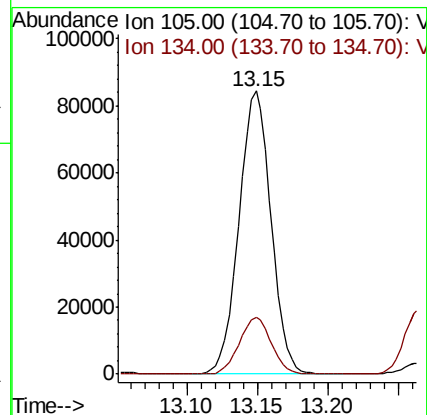
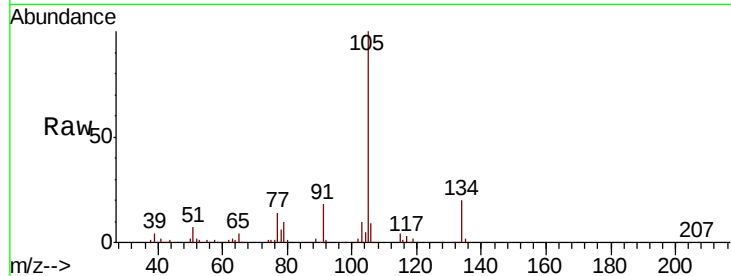
VN0812WBS01

Tot Ion:105 Resp: 134400

Ion Ratio Lower Upper

105 100

134 20.0 9.6 28.6



#86

p-Isopropyltoluene

Concen: 17.777 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

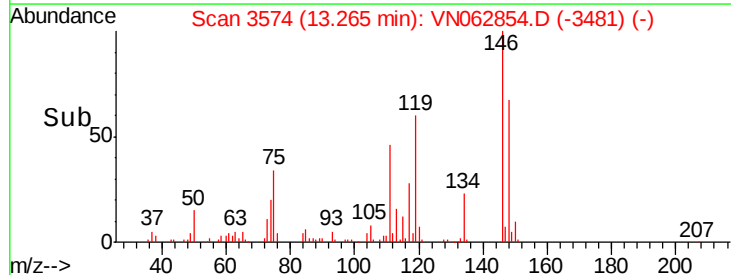
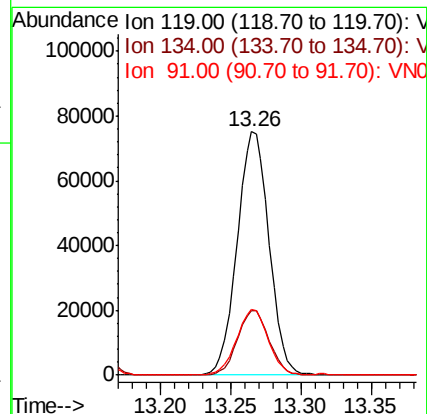
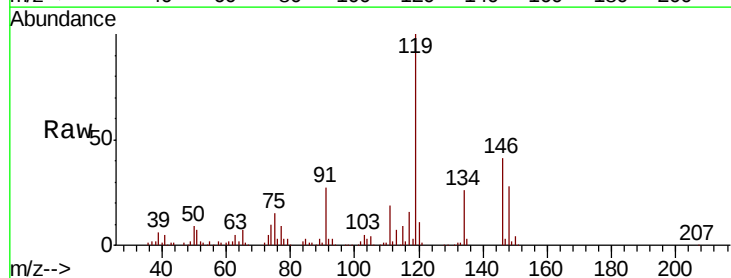
Tgt Ion:119 Resp: 119150

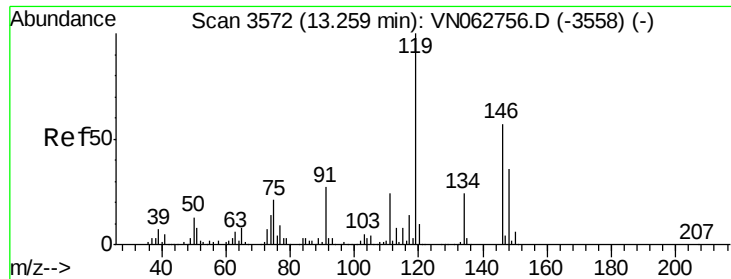
Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.8

91 26.7 13.4 40.2

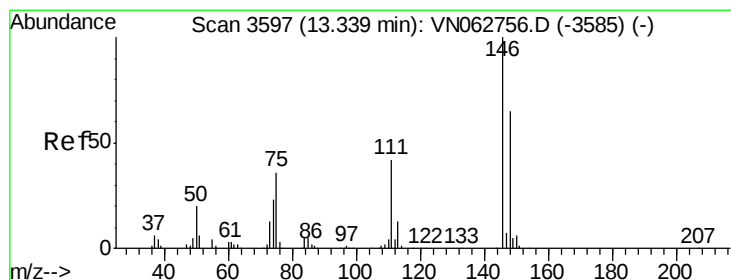
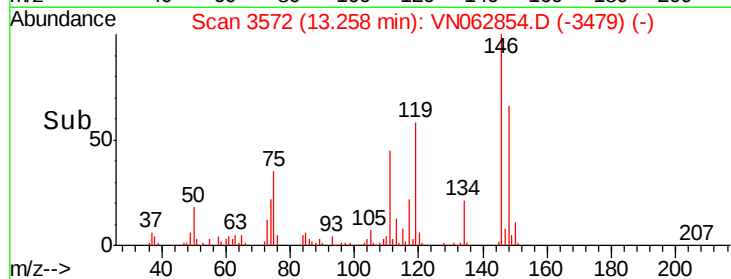
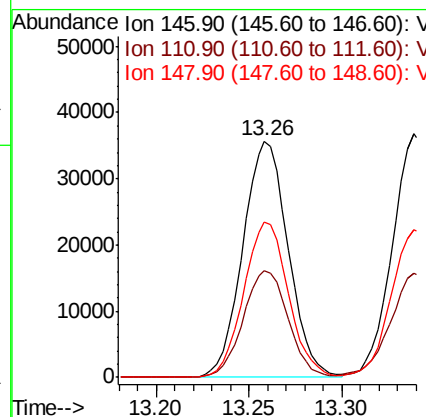
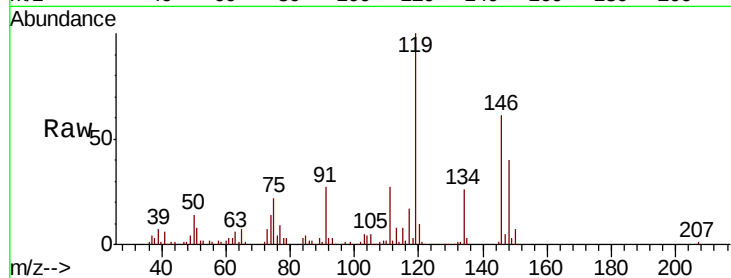




#87
 1,3-Dichlorobenzene
 Concen: 17.426 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

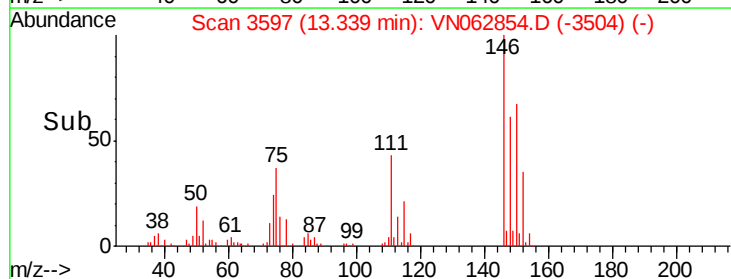
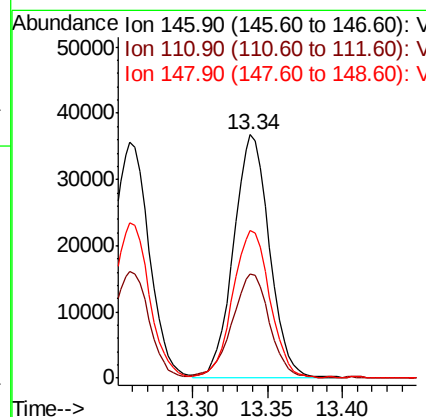
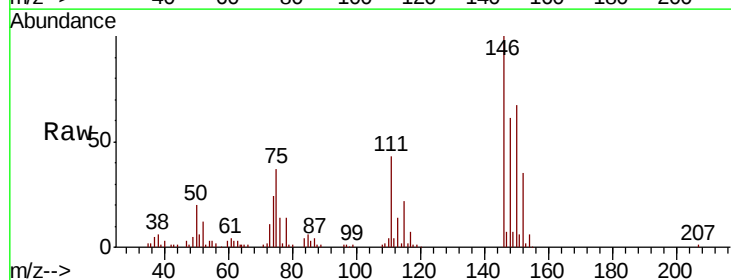
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

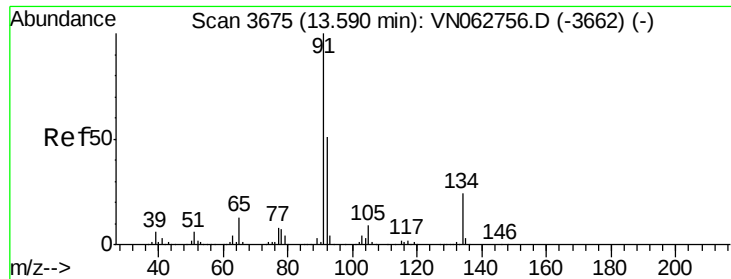
Tot Ion:146 Resp: 60587
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.7 65.1
 148 64.5 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 17.469 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion:146 Resp: 60917
 Ion Ratio Lower Upper
 146 100
 111 45.2 21.6 64.6
 148 63.5 32.6 97.8

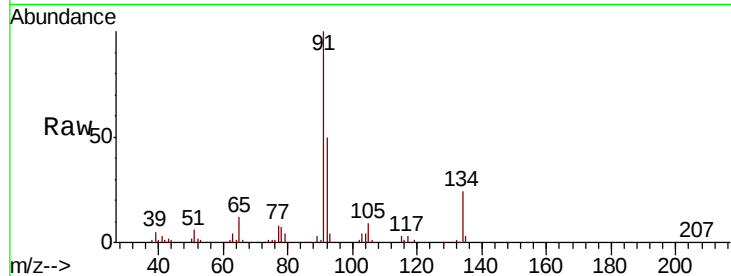




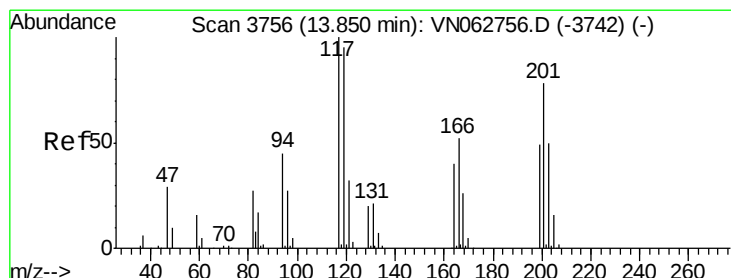
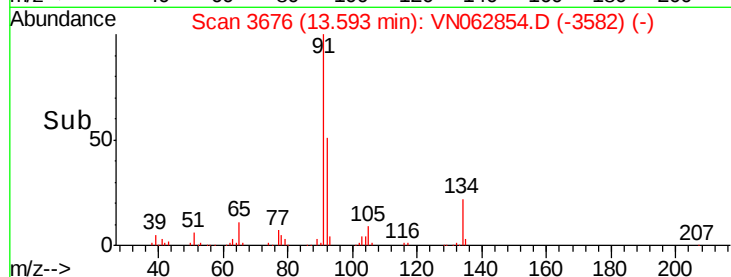
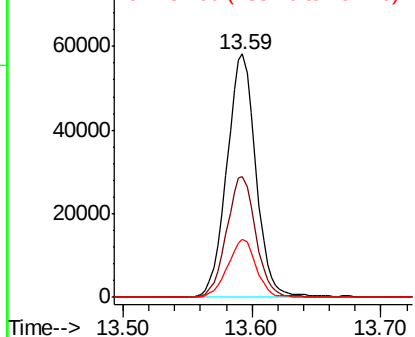
#89
n-Butylbenzene
Concen: 15.996 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tot Ion: 91 Resp: 90675
Ion Ratio Lower Upper
91 100
92 50.0 25.7 77.0
134 23.4 12.2 36.6

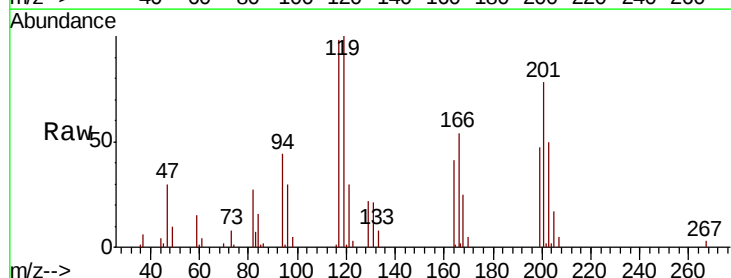


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

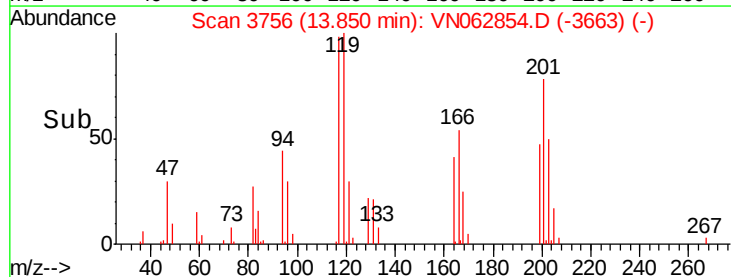
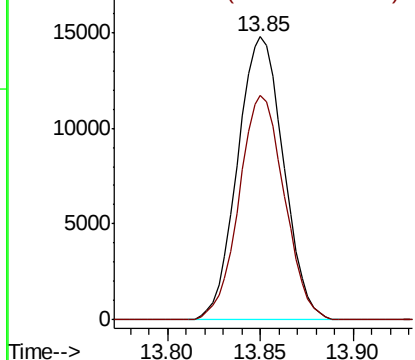


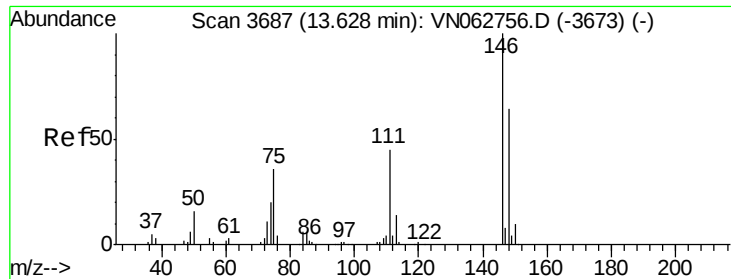
#90
Hexachloroethane
Concen: 17.588 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062854.D
Acq: 12 Aug 2020 13:36

Tgt Ion: 117 Resp: 25409
Ion Ratio Lower Upper
117 100
201 78.2 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

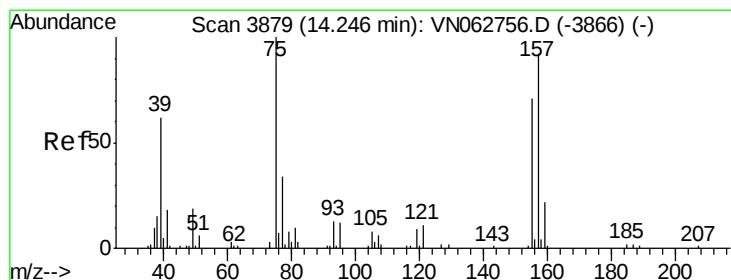
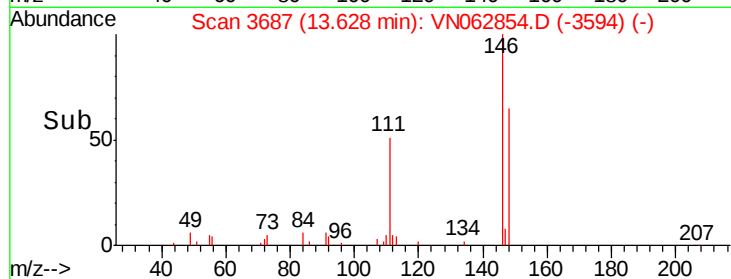
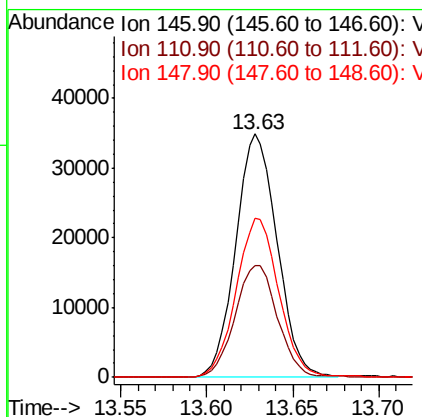
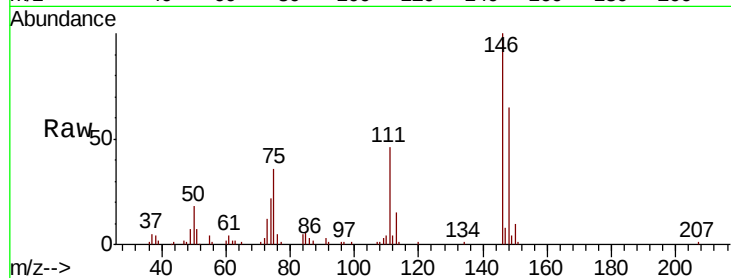




#91
 1,2-Dichlorobenzene
 Concen: 17.964 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

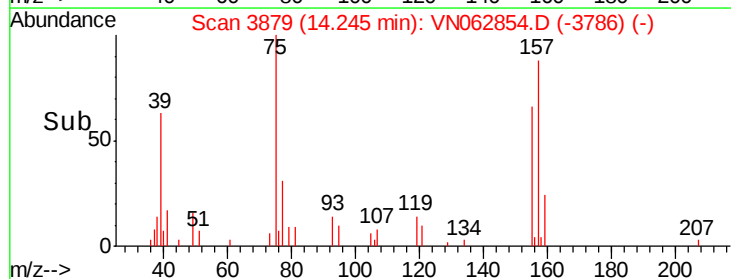
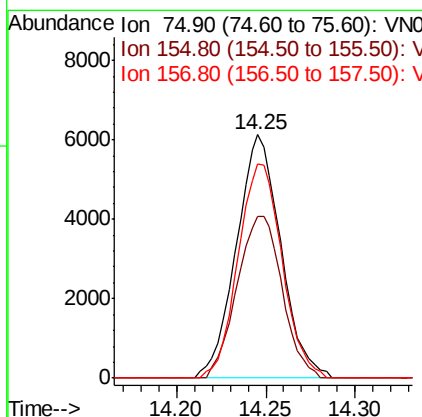
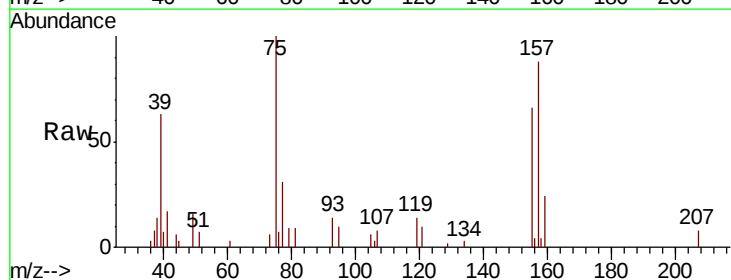
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

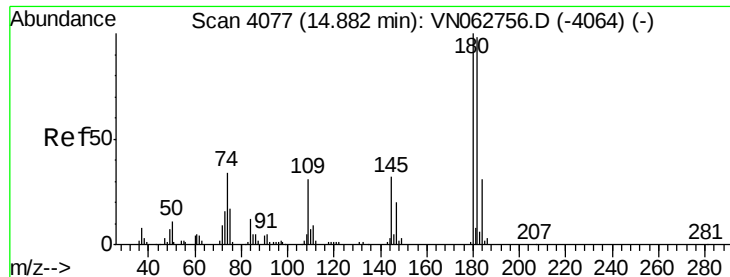
Tot Ion:146 Resp: 58555
 Ion Ratio Lower Upper
 146 100
 111 47.4 22.8 68.4
 148 67.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.991 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion: 75 Resp: 10650
 Ion Ratio Lower Upper
 75 100
 155 67.4 35.0 105.1
 157 87.4 43.2 129.6

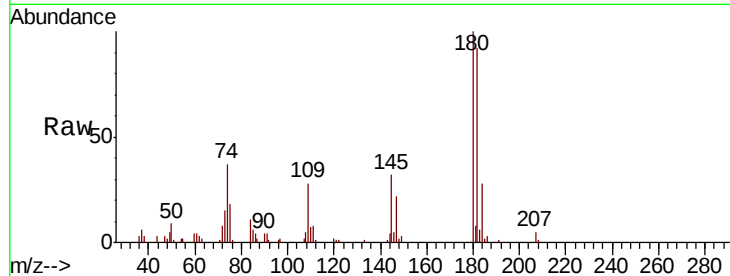




#93
 1,2,4-Trichlorobenzene
 Concen: 16.191 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.4	49.1	147.4
145	31.5	16.3	48.8

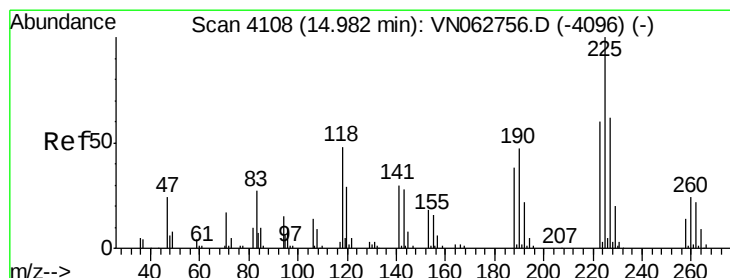
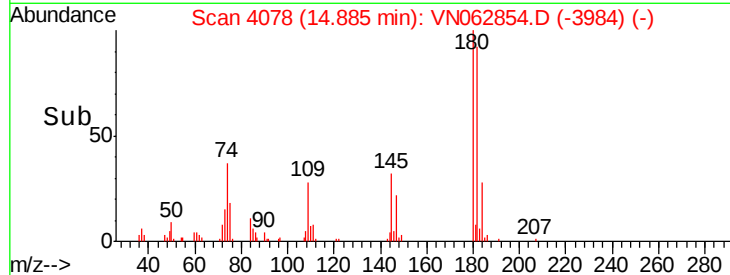
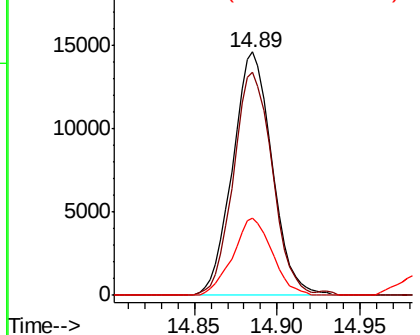


Abundance

Ion 179.80 (179.50 to 180.50): V

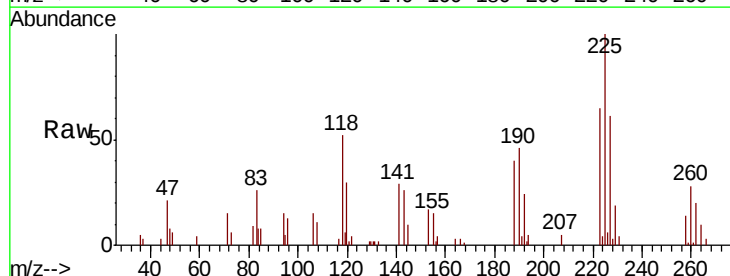
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.464 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062854.D
 Acq: 12 Aug 2020 13:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	30.6	92.0
227	59.8	31.6	95.0

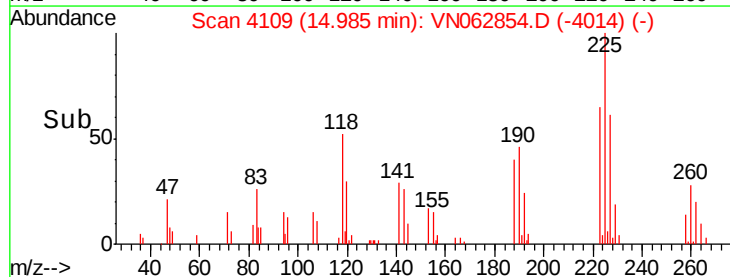
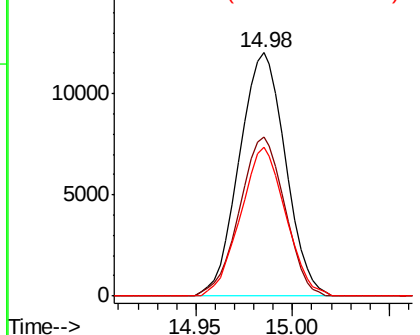


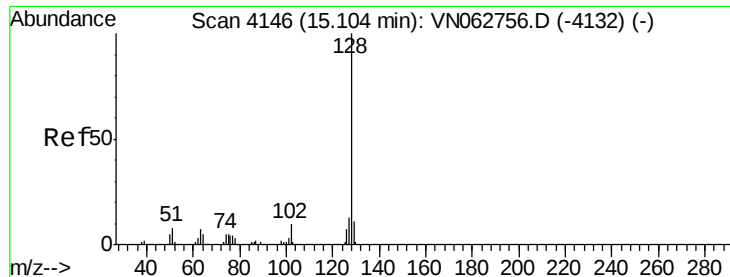
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 14.782 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

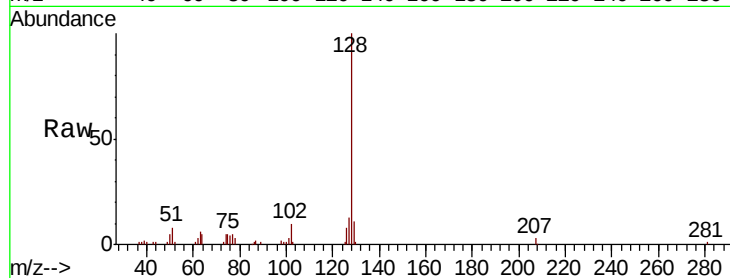
Tot Ion:128 Resp: 57194

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

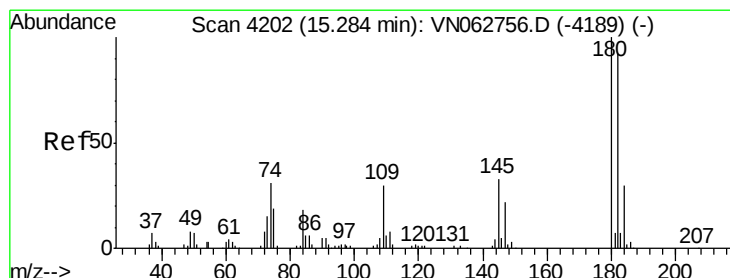
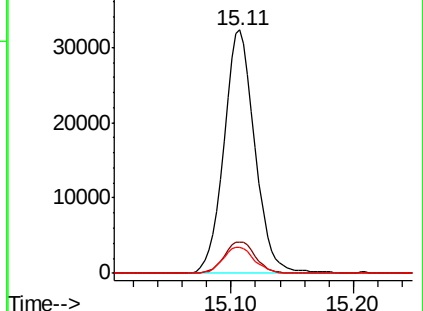
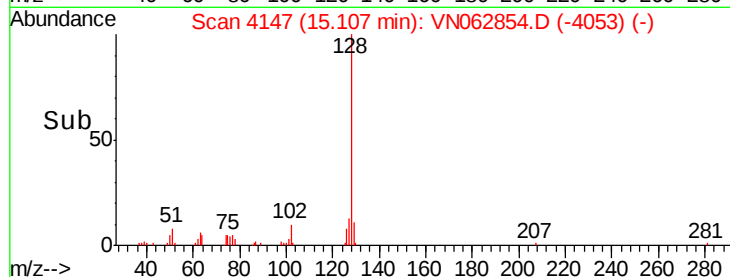
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.005 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN062854.D

Acq: 12 Aug 2020 13:36

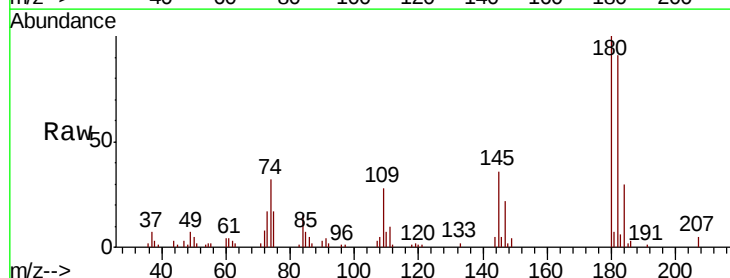
Tgt Ion:180 Resp: 24213

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

145 36.5 17.3 51.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

