

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062802.D
 Acq On : 10 Aug 2020 12:14
 Operator : JC/MD
 Sample : VN0810MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810MBS01

Quant Time: Aug 11 06:53:03 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	191172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	308099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	270006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126043	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	131416	41.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.14%	
35) Dibromofluoromethane	7.55	113	95204	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
50) Toluene-d8	10.06	98	370397	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	
62) 4-Bromofluorobenzene	12.38	95	131370	42.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47412	17.319	ug/l	99
3) Chloromethane	2.03	50	40284	15.594	ug/l	94
4) Vinyl Chloride	2.16	62	41257	17.028	ug/l	98
5) Bromomethane	2.52	94	31231	19.472	ug/l	92
6) Chloroethane	2.66	64	30020	18.833	ug/l	94
7) Trichlorofluoromethane	2.98	101	76704	17.754	ug/l	100
8) Diethyl Ether	3.37	74	24438	19.758	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	35151	19.639	ug/l	97
10) Methyl Iodide	3.91	142	38757	18.508	ug/l	94
11) Tert butyl alcohol	4.74	59	41904	80.873	ug/l	98
12) 1,1-Dichloroethene	3.70	96	31838	18.827	ug/l	91
13) Acrolein	3.57	56	18581	59.228	ug/l	98
14) Allyl chloride	4.27	41	59050	17.643	ug/l	95
15) Acrylonitrile	4.93	53	104102	86.623	ug/l	99
16) Acetone	3.78	43	90032	78.814	ug/l	100
17) Carbon Disulfide	4.00	76	84185	17.611	ug/l	99
18) Methyl Acetate	4.28	43	49468	17.577	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	133941	18.084	ug/l	98
20) Methylene Chloride	4.50	84	38988	18.166	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	34002	17.773	ug/l	96
22) Diisopropyl ether	5.91	45	133717	18.767	ug/l	96
23) Vinyl Acetate	5.85	43	457943	84.499	ug/l	99
24) 1,1-Dichloroethane	5.80	63	72886	17.456	ug/l	99
25) 2-Butanone	6.79	43	136774	84.539	ug/l	98
26) 2,2-Dichloropropane	6.77	77	63310	16.449	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	41759	18.196	ug/l	94
28) Bromochloromethane	7.15	49	34718	17.228	ug/l	99
29) Tetrahydrofuran	7.17	42	91159	86.728	ug/l	98
30) Chloroform	7.33	83	75477	17.009	ug/l	96
31) Cyclohexane	7.62	56	71516	18.658	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	66912	16.865	ug/l	98
36) 1,1-Dichloropropene	7.75	75	53610	17.870	ug/l	100
37) Ethyl Acetate	6.88	43	50337	16.063	ug/l	99
38) Carbon Tetrachloride	7.73	117	56772	16.001	ug/l	96

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 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
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Quant Time: Aug 11 06:53:03 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	65373	18.107	ug/l	98
40) Benzene	8.00	78	156817	17.517	ug/l	98
41) Methacrylonitrile	7.12	41	22480	15.897	ug/l #	85
42) 1,2-Dichloroethane	8.08	62	61950	16.259	ug/l	100
43) Isopropyl Acetate	8.13	43	89000	17.027	ug/l	97
44) Trichloroethene	8.80	130	38761	17.772	ug/l	98
45) 1,2-Dichloropropane	9.08	63	43996	18.159	ug/l	98
46) Dibromomethane	9.17	93	27524	17.338	ug/l	97
47) Bromodichloromethane	9.37	83	61809	17.335	ug/l	98
48) Methyl methacrylate	9.17	41	43158	16.786	ug/l	97
49) 1,4-Dioxane	9.17	88	15860	332.919	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	289390	85.568	ug/l	99
52) Toluene	10.13	92	98372	17.798	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	66648	16.994	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	70996	18.030	ug/l	95
55) 1,1,2-Trichloroethane	10.54	97	41611	17.627	ug/l	97
56) Ethyl methacrylate	10.40	69	63217	17.791	ug/l	98
57) 1,3-Dichloropropane	10.68	76	69655	17.366	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	91749	91.350	ug/l	100
59) 2-Hexanone	10.72	43	205522	81.467	ug/l	97
60) Dibromochloromethane	10.87	129	46231	17.161	ug/l	99
61) 1,2-Dibromoethane	10.98	107	39864	17.114	ug/l	97
64) Tetrachloroethene	10.60	164	32788	18.821	ug/l	96
65) Chlorobenzene	11.41	112	100759	17.852	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	40283	17.773	ug/l	98
67) Ethyl Benzene	11.49	91	181971	18.017	ug/l	98
68) m/p-Xylenes	11.60	106	137986	37.636	ug/l	94
69) o-Xylene	11.92	106	65711	19.125	ug/l	100
70) Styrene	11.94	104	113212	18.746	ug/l	98
71) Bromoform	12.10	173	30401	16.393	ug/l #	99
73) Isopropylbenzene	12.22	105	183806	19.366	ug/l	99
74) N-amyl acetate	12.05	43	72917	18.958	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	57998	17.359	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	79449	23.373	ug/l #	100
77) Bromobenzene	12.50	156	43842	18.591	ug/l	93
78) n-propylbenzene	12.57	91	213518	19.165	ug/l	98
79) 2-Chlorotoluene	12.65	91	131198	18.779	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	158398	19.237	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.28	75	19688	17.681	ug/l	98
82) 4-Chlorotoluene	12.75	91	137365	19.079	ug/l	99
83) tert-Butylbenzene	12.97	119	134158	19.255	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	159977	20.309	ug/l	99
85) sec-Butylbenzene	13.15	105	175861	19.221	ug/l	100
86) p-Isopropyltoluene	13.26	119	159107	19.591	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	75876	18.011	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	79055	18.709	ug/l	98
89) n-Butylbenzene	13.59	91	142608	20.762	ug/l	99
90) Hexachloroethane	13.85	117	29924	17.094	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	74037	18.745	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	12614	17.586	ug/l	95

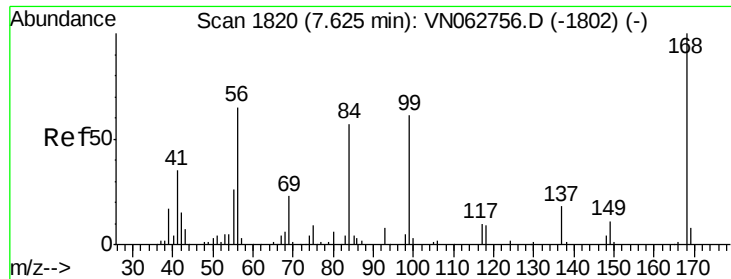
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081020\
Data File : VN062802.D
Acq On : 10 Aug 2020 12:14
Operator : JC/MD
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Quant Time: Aug 11 06:53:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : 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	14.88	180	38076	20.080	ug/l	99
94) Hexachlorobutadiene	14.99	225	22708	17.253	ug/l	98
95) Naphthalene	15.10	128	117497	22.482	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	39744	20.709	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

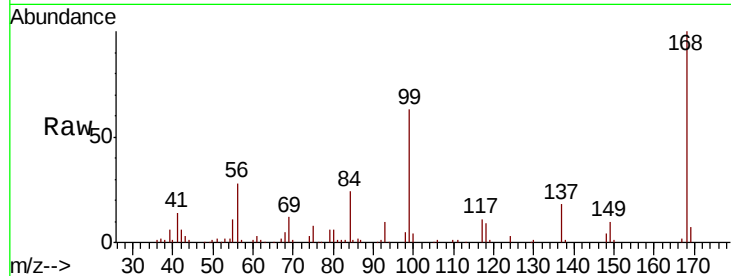
VN0810MBS01

Tot Ion:168 Resp: 191172

Ion Ratio Lower Upper

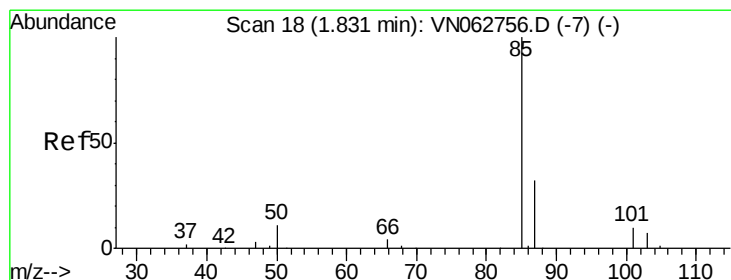
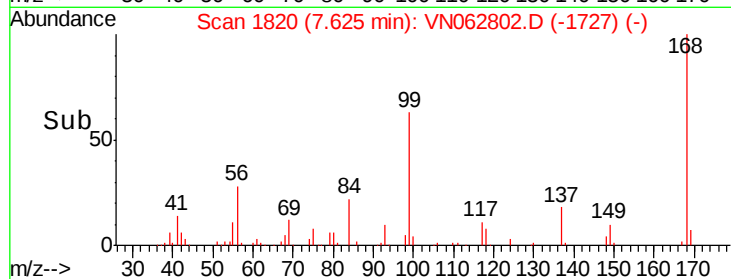
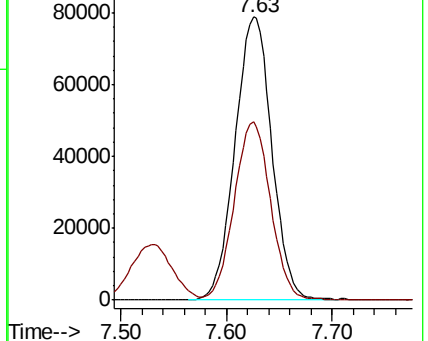
168 100

99 62.7 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 17.319 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062802.D

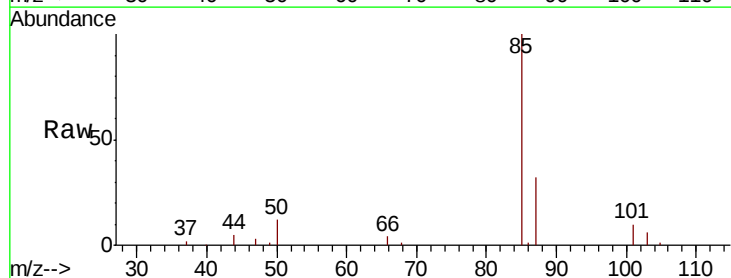
Acq: 10 Aug 2020 12:14

Tgt Ion: 85 Resp: 47412

Ion Ratio Lower Upper

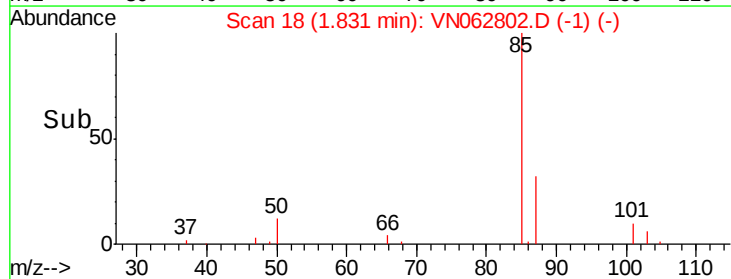
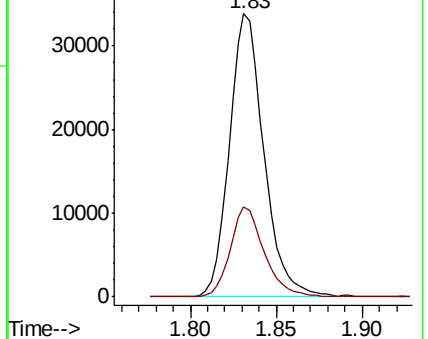
85 100

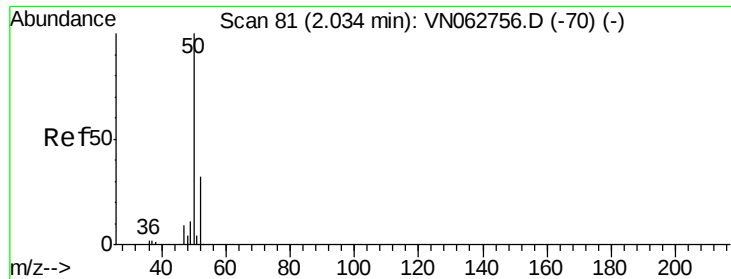
87 31.9 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 15.594 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

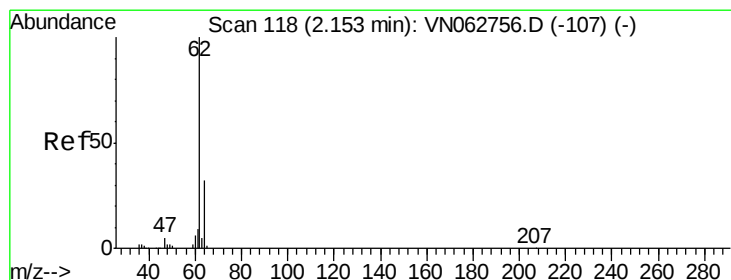
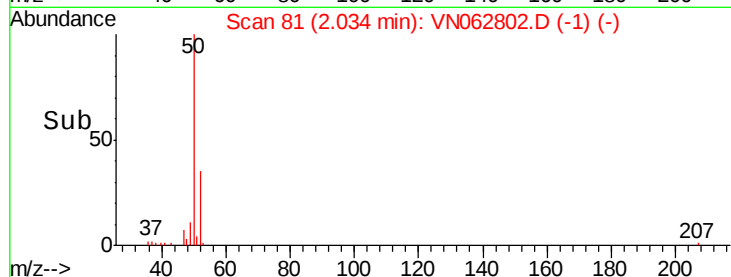
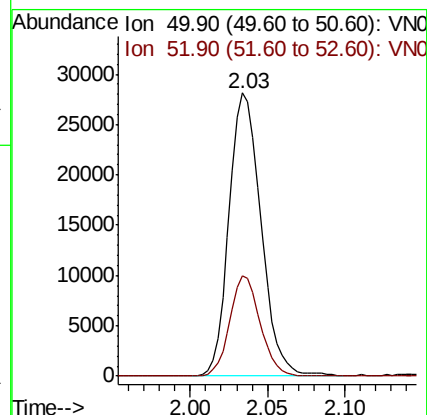
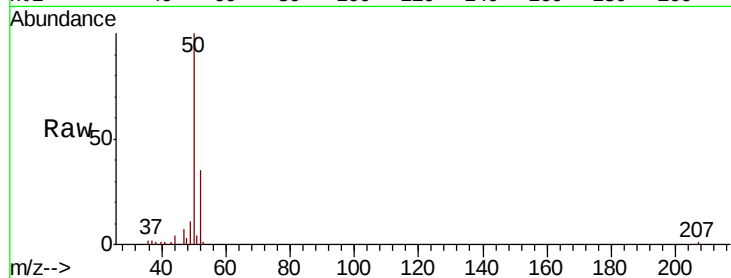
VN0810MBS01

Tot Ion: 50 Resp: 40284

Ion Ratio Lower Upper

50 100

52 35.5 25.6 38.4



#4

Vinyl Chloride

Concen: 17.028 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062802.D

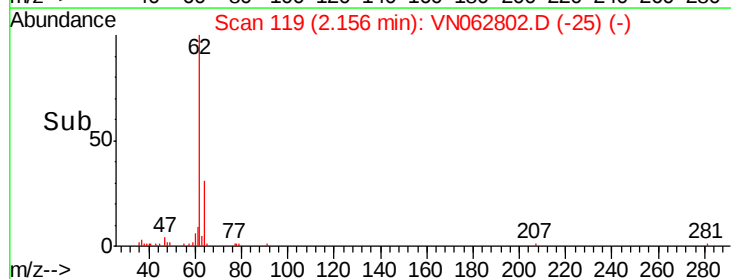
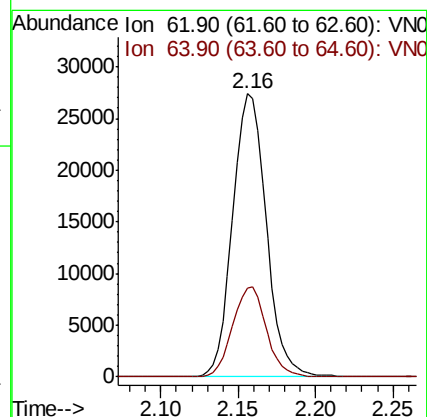
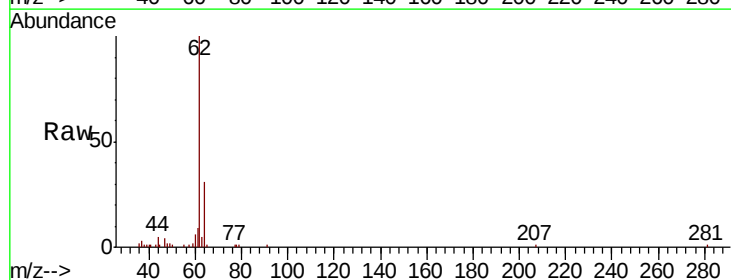
Acq: 10 Aug 2020 12:14

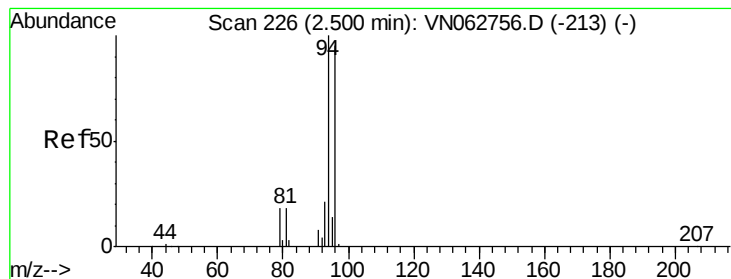
Tgt Ion: 62 Resp: 41257

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.8





#5

Bromomethane

Concen: 19.472 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.02 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

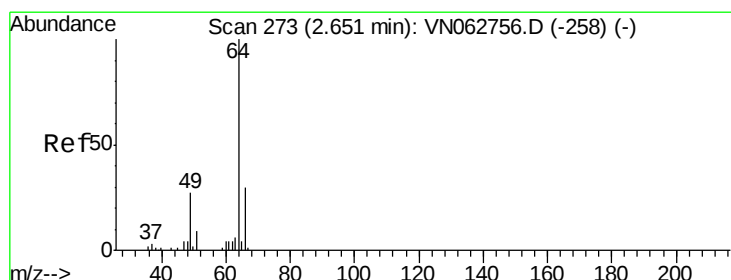
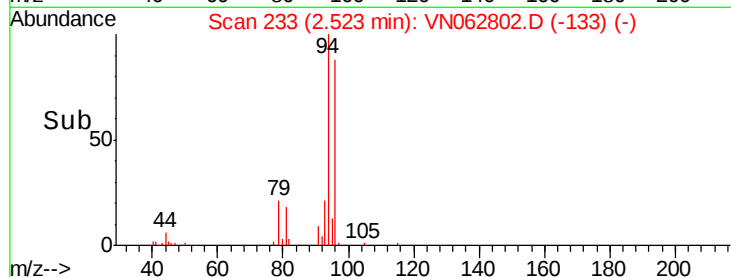
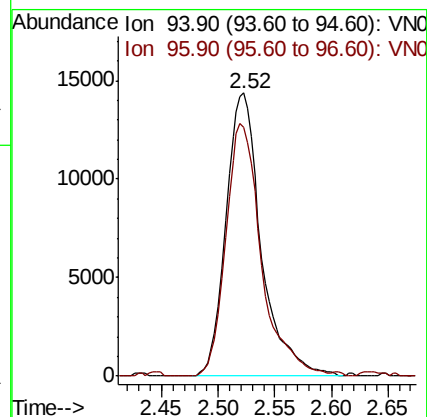
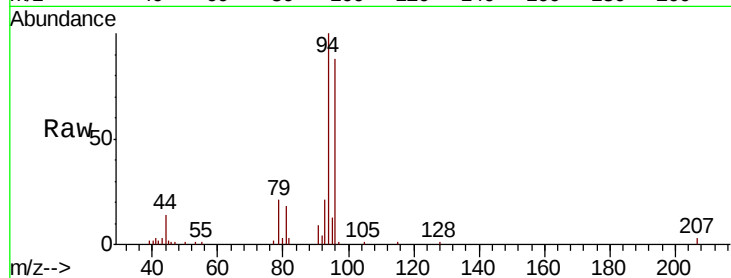
VN0810MBS01

Tot Ion: 94 Resp: 31231

Ion Ratio Lower Upper

94 100

96 87.7 76.2 114.4



#6

Chloroethane

Concen: 18.833 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.01 min

Lab File: VN062802.D

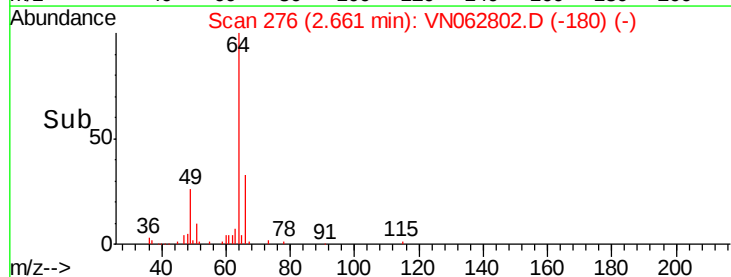
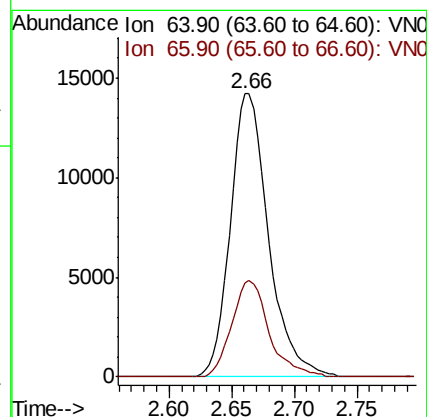
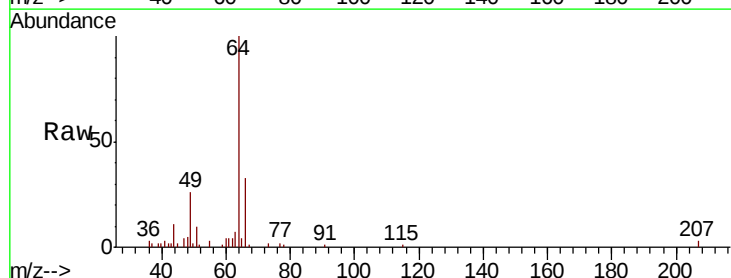
Acq: 10 Aug 2020 12:14

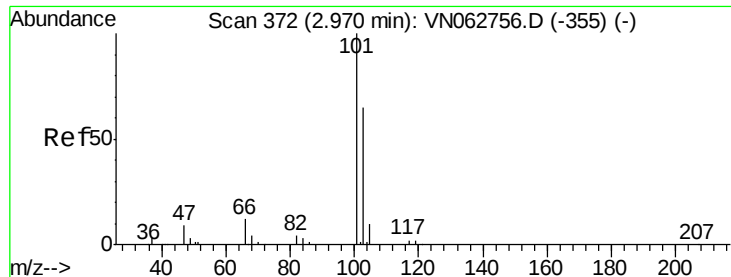
Tgt Ion: 64 Resp: 30020

Ion Ratio Lower Upper

64 100

66 33.3 24.0 36.0



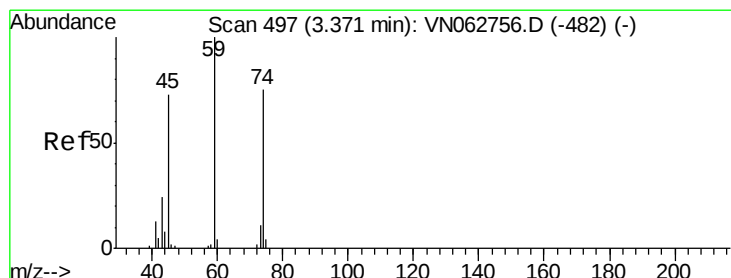
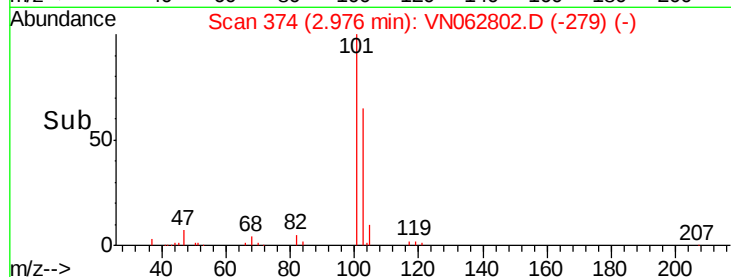
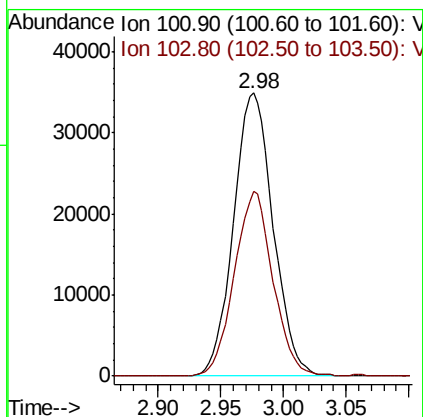
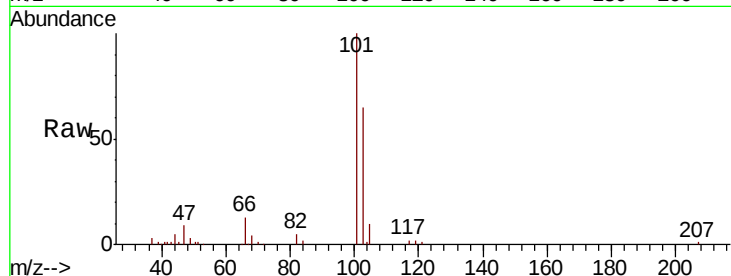


#7

Trichlorofluoromethane
Concen: 17.754 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.01 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0810MBS01

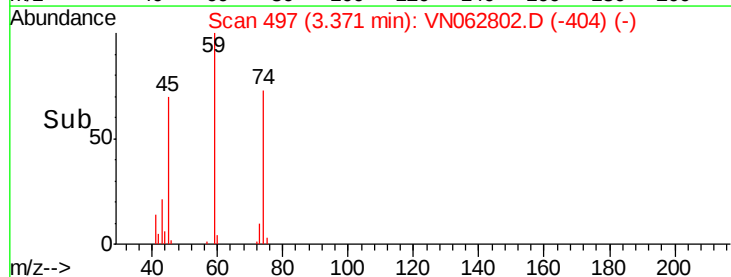
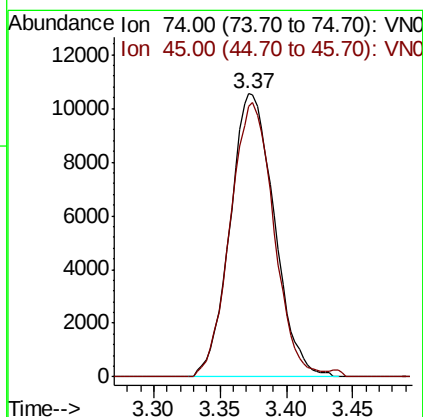
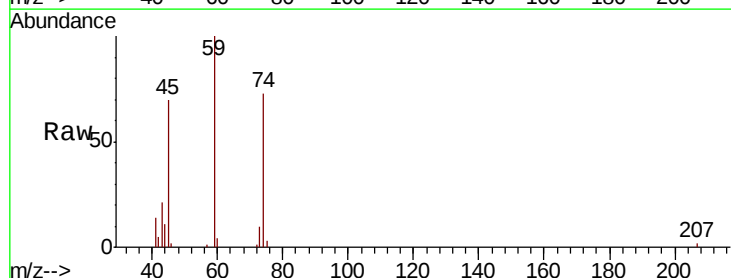
Tot Ion:101 Resp: 76704
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

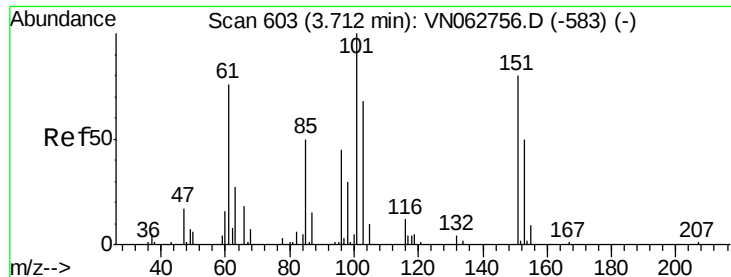


#8

Diethyl Ether
Concen: 19.758 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Tgt Ion: 74 Resp: 24438
Ion Ratio Lower Upper
74 100
45 95.3 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.639 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0810MBS01

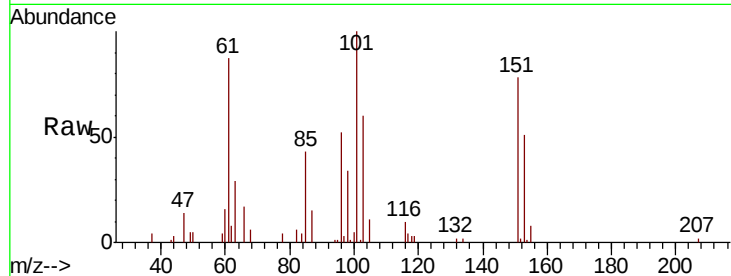
Tot Ion:101 Resp: 35151

Ion Ratio Lower Upper

101 100

85 45.2 38.5 57.7

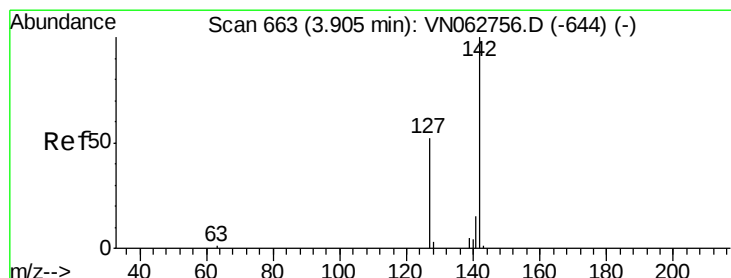
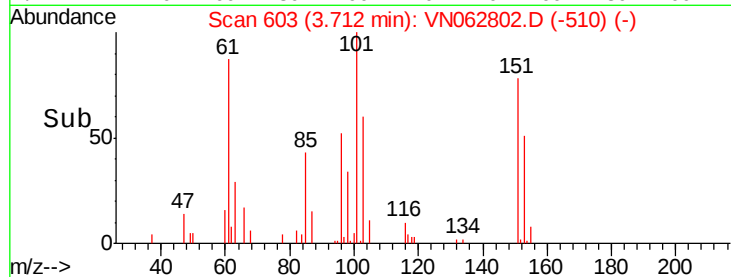
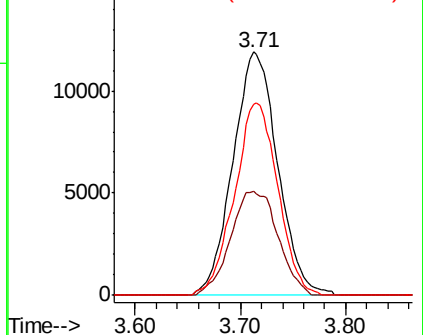
151 76.5 63.0 94.6



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: 18.508 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

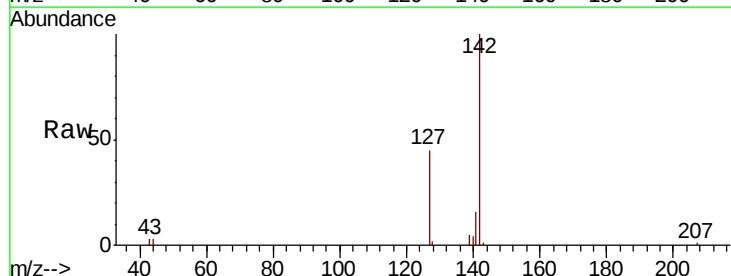
Tgt Ion:142 Resp: 38757

Ion Ratio Lower Upper

142 100

127 46.4 41.4 62.0

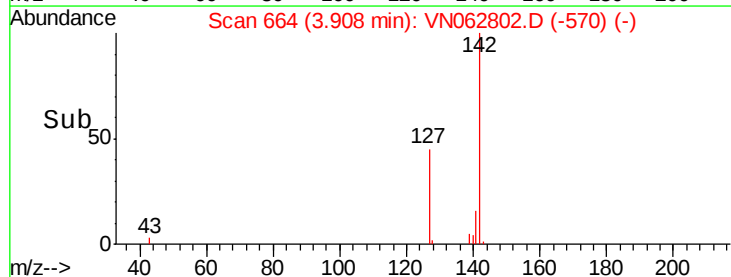
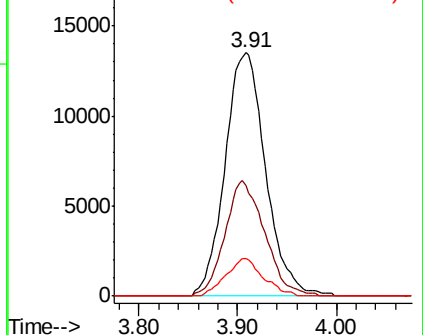
141 14.3 12.2 18.4

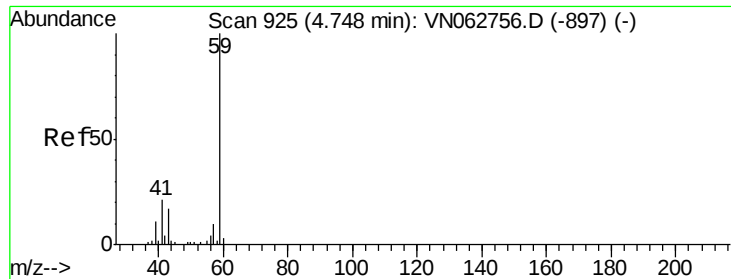


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



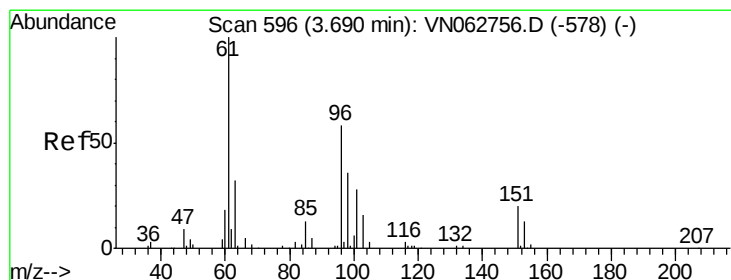
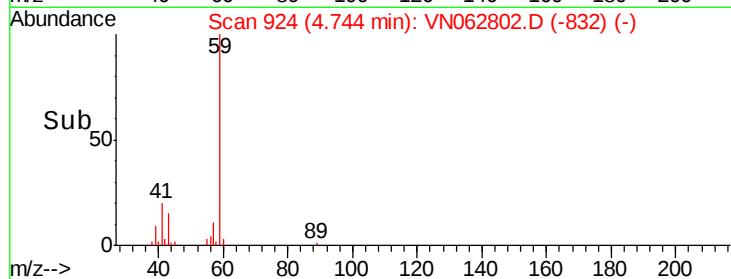
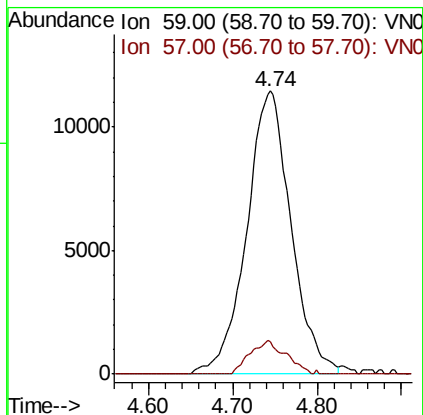
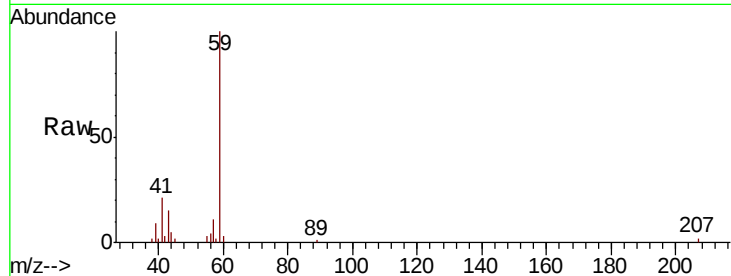


#11

Tert butyl alcohol
 Concen: 80.873 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0810MBS01

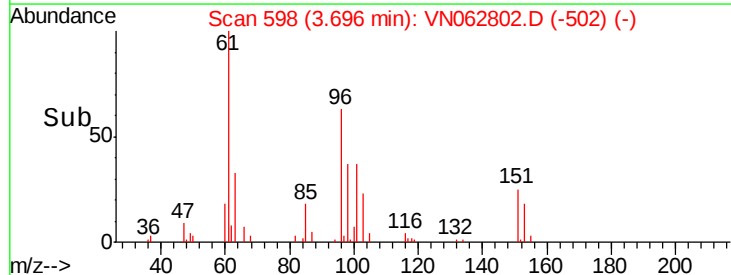
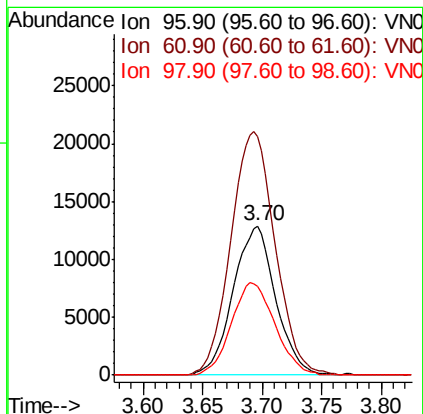
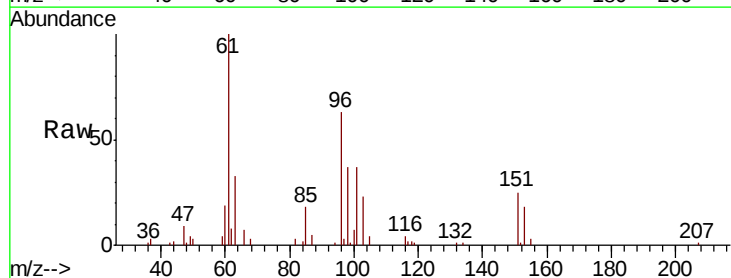
Tot Ion: 59 Resp: 41904
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.3 12.5

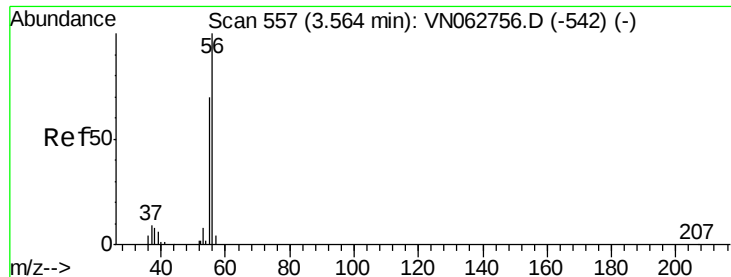


#12

1,1-Dichloroethene
 Concen: 18.827 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

Tgt Ion: 96 Resp: 31838
 Ion Ratio Lower Upper
 96 100
 61 159.6 139.0 208.6
 98 59.1 50.2 75.4





#13

Acrolein

Concen: 59.228 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

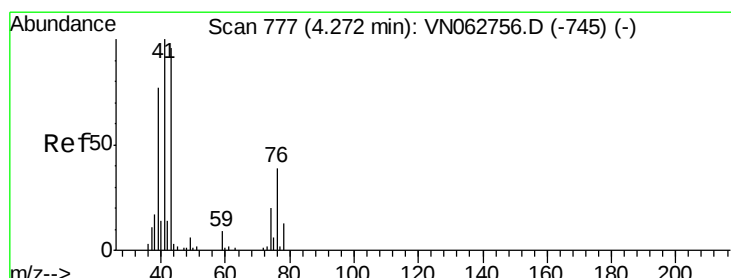
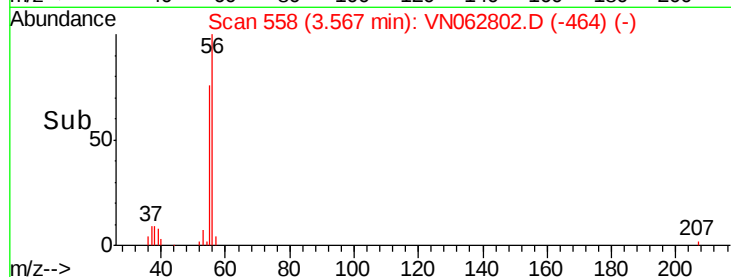
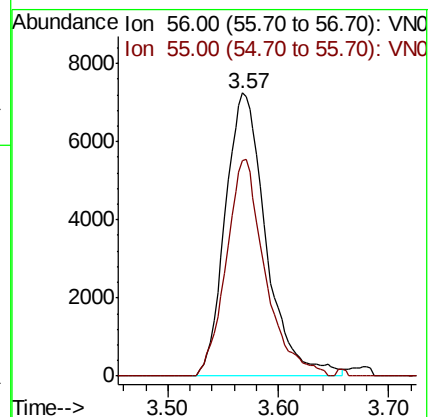
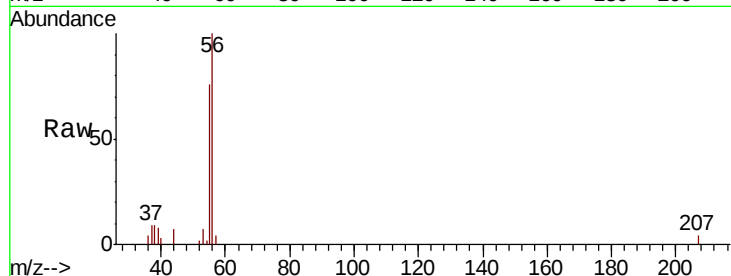
VN0810MBS01

Tot Ion: 56 Resp: 18581

Ion Ratio Lower Upper

56 100

55 73.0 57.0 85.6



#14

Allyl chloride

Concen: 17.643 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

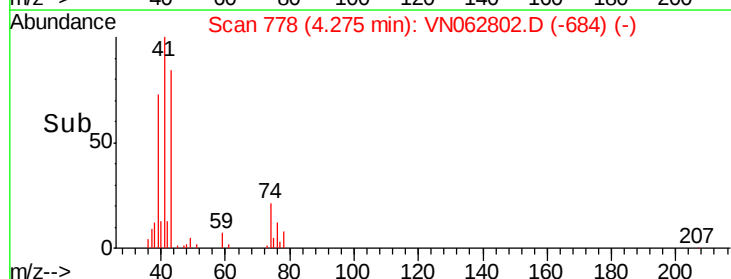
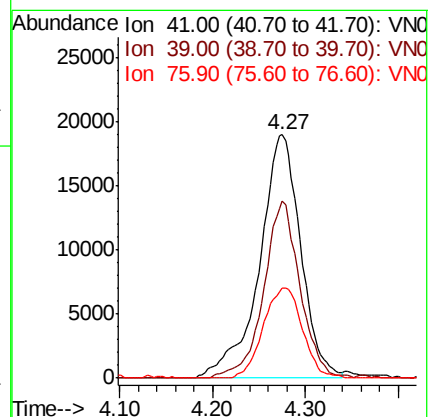
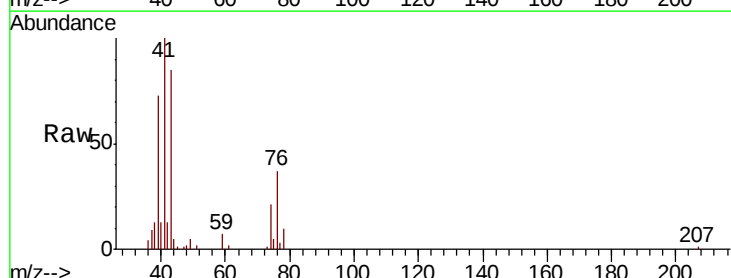
Tgt Ion: 41 Resp: 59050

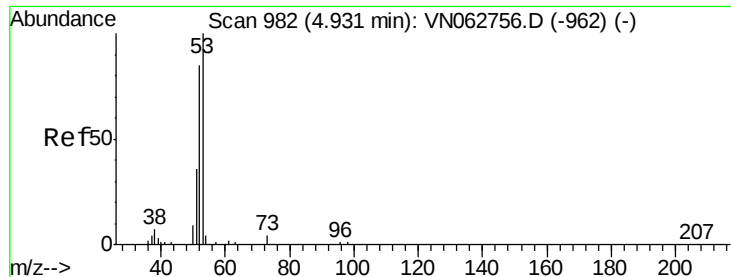
Ion Ratio Lower Upper

41 100

39 63.6 55.7 83.5

76 35.1 27.5 41.3





#15

Acrylonitrile

Concen: 86.623 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0810MBS01

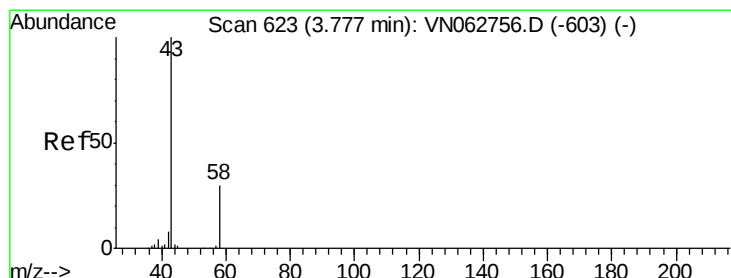
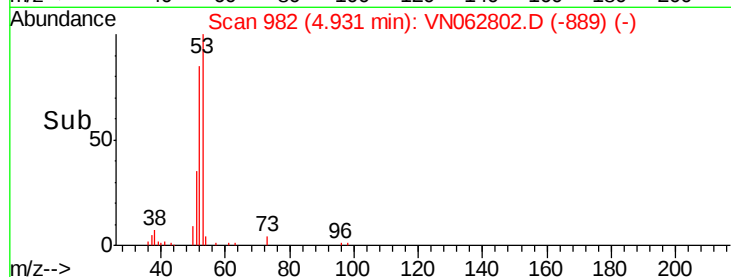
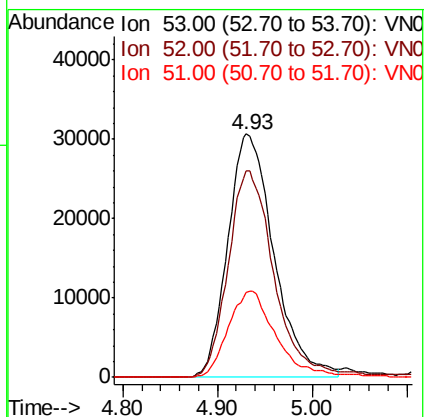
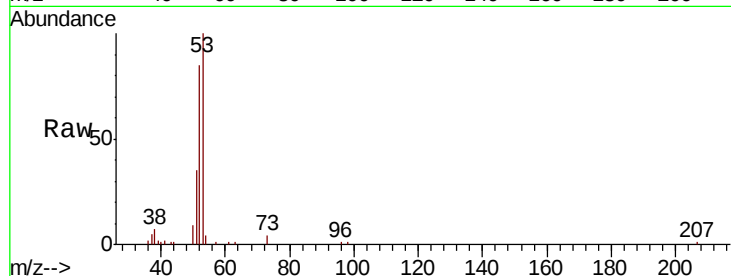
Tot Ion: 53 Resp: 104102

Ion Ratio Lower Upper

53 100

52 83.6 66.8 100.2

51 36.0 29.5 44.3



#16

Acetone

Concen: 78.814 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062802.D

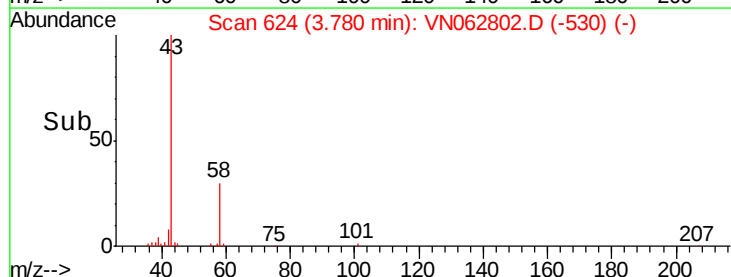
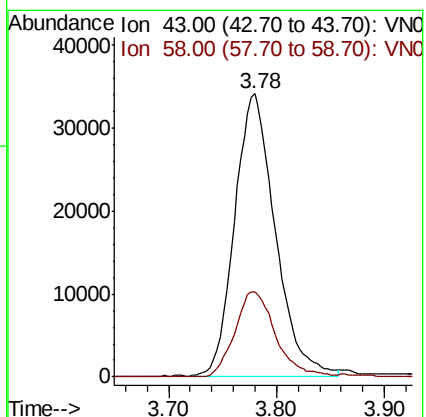
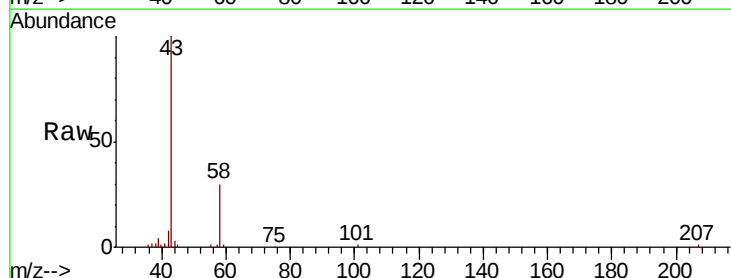
Acq: 10 Aug 2020 12:14

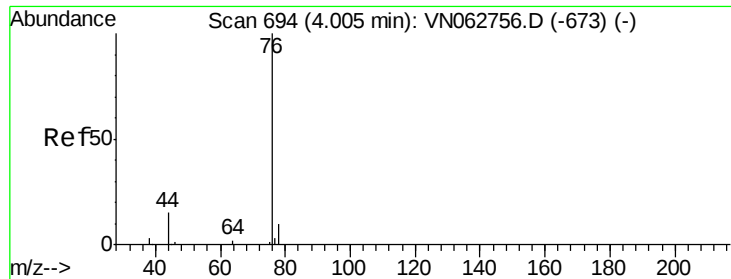
Tgt Ion: 43 Resp: 90032

Ion Ratio Lower Upper

43 100

58 29.9 24.1 36.1

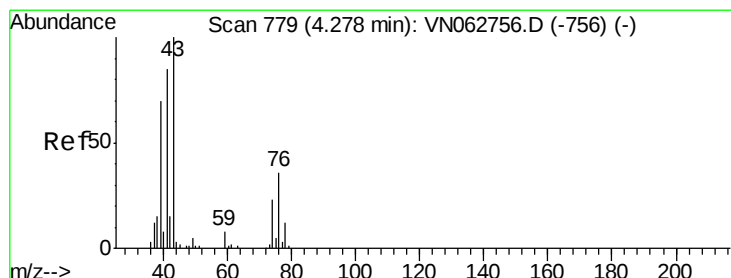
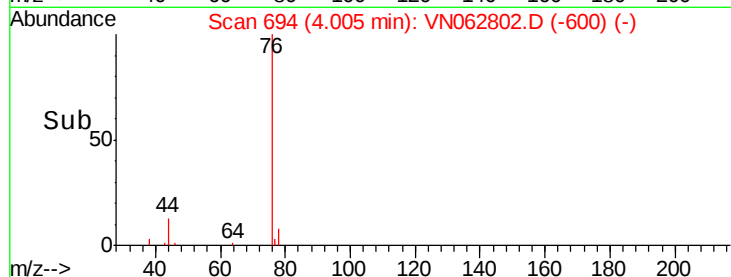
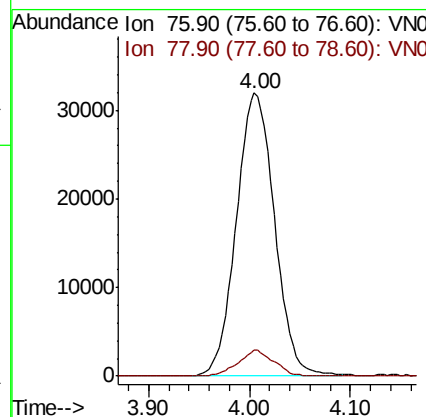
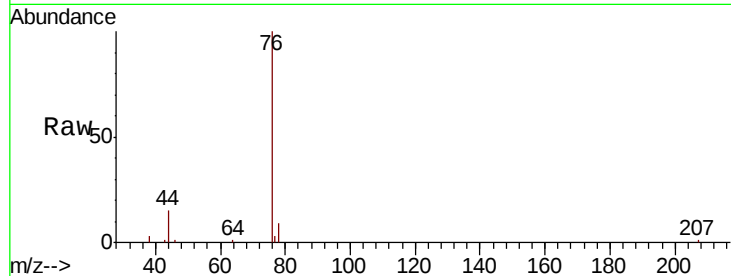




#17
Carbon Disulfide
Concen: 17.611 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

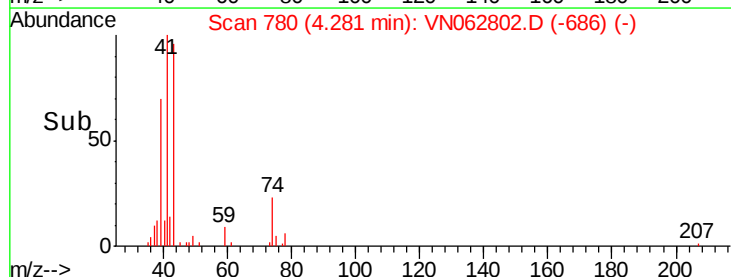
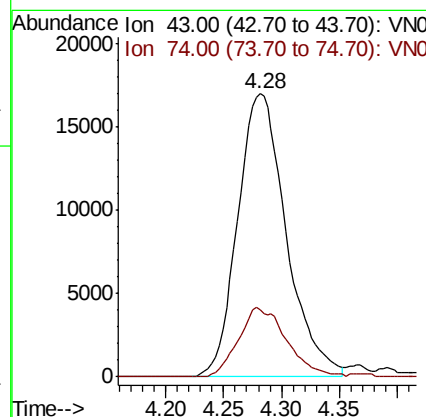
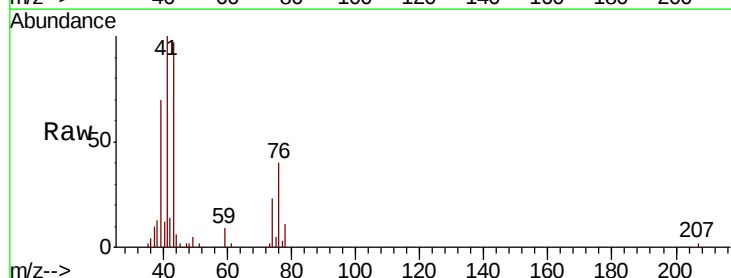
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBS01

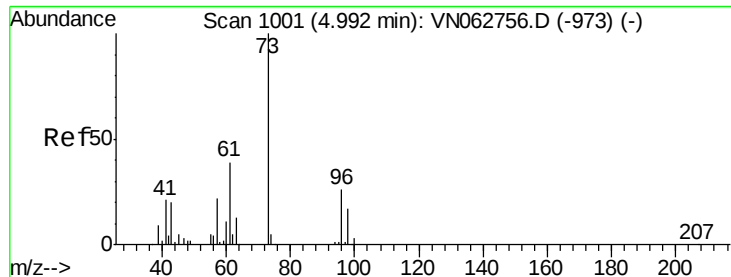
Tot Ion: 76 Resp: 84185
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5



#18
Methyl Acetate
Concen: 17.577 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Tgt Ion: 43 Resp: 49468
Ion Ratio Lower Upper
43 100
74 24.3 18.6 28.0

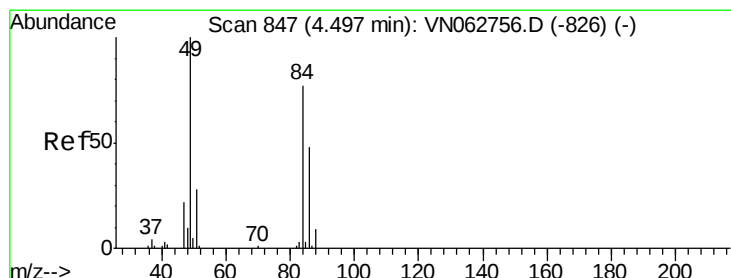
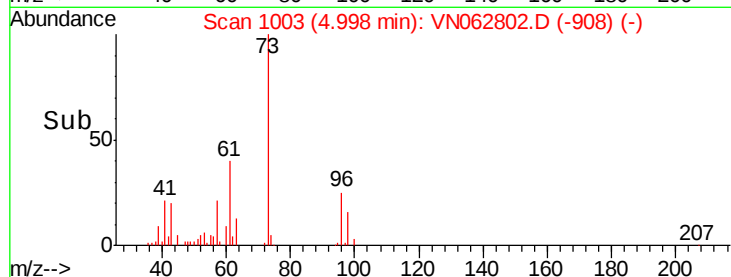
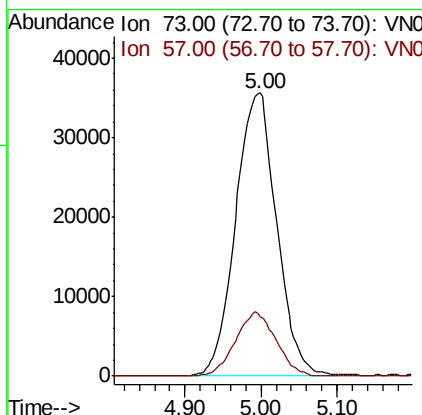
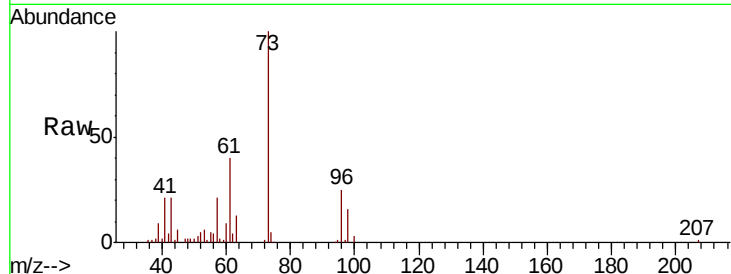




#19
Methvl tert-butvl Ether
Concen: 18.084 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

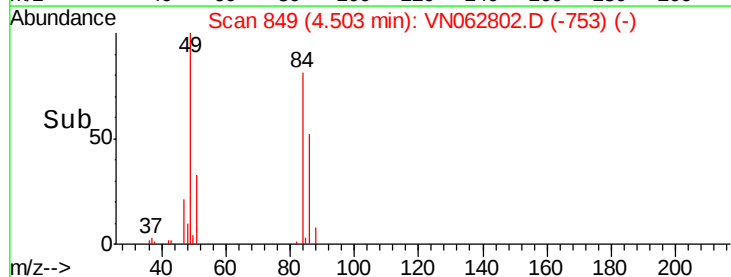
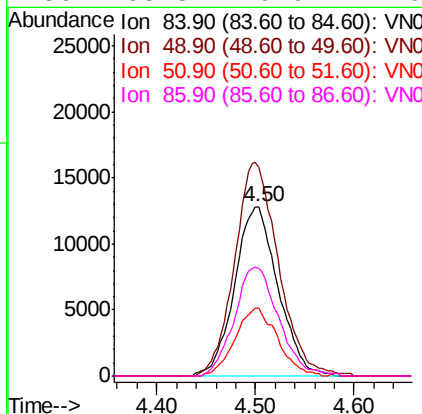
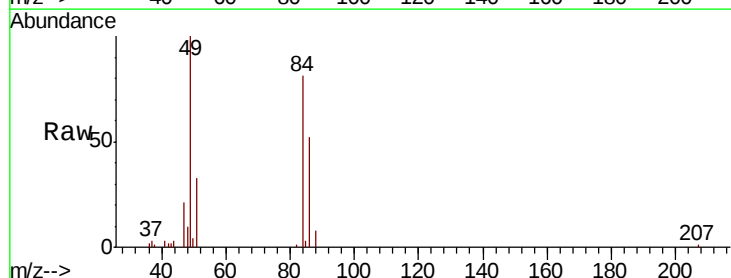
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBS01

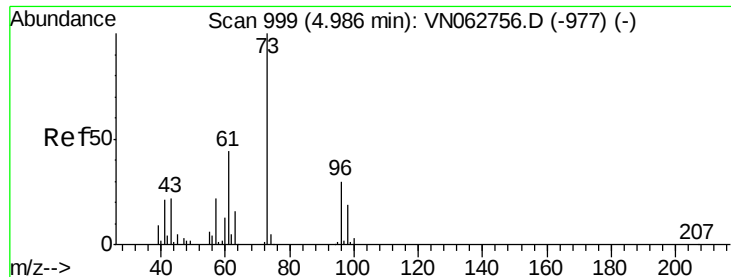
Tot Ion: 73 Resp: 133941
Ion Ratio Lower Upper
73 100
57 21.0 17.5 26.3



#20
Methylene Chloride
Concen: 18.166 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.01 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Tgt Ion: 84 Resp: 38988
Ion Ratio Lower Upper
84 100
49 123.0 103.4 155.2
51 40.2 29.3 43.9
86 63.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.773 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0810MBS01

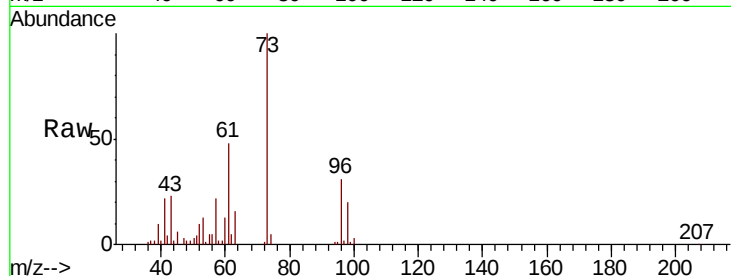
Tot Ion: 96 Resp: 34002

Ion Ratio Lower Upper

96 100

61 154.8 118.8 178.2

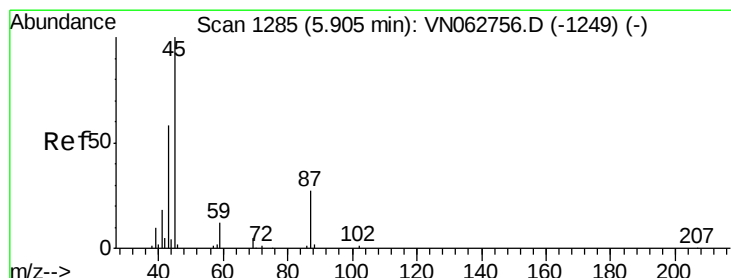
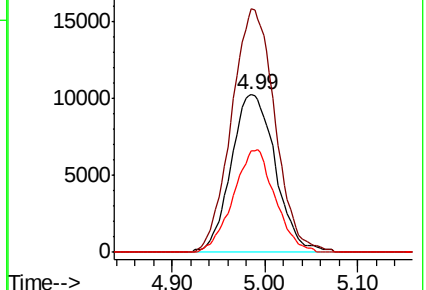
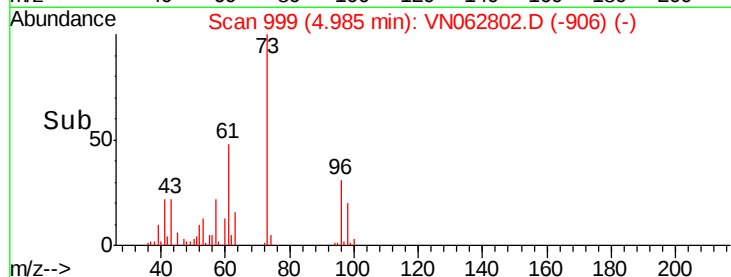
98 64.3 51.0 76.4



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: 18.767 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Tgt Ion: 45 Resp: 133717

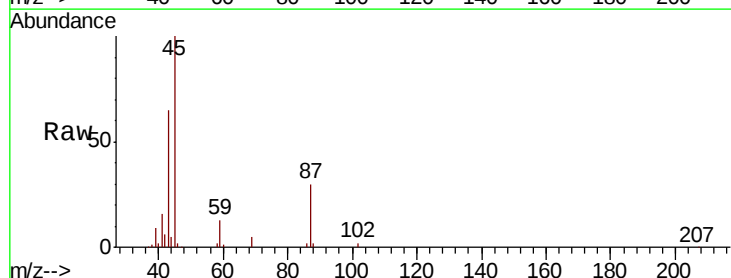
Ion Ratio Lower Upper

45 100

43 62.8 47.4 71.2

87 29.8 22.8 34.2

59 12.8 9.9 14.9

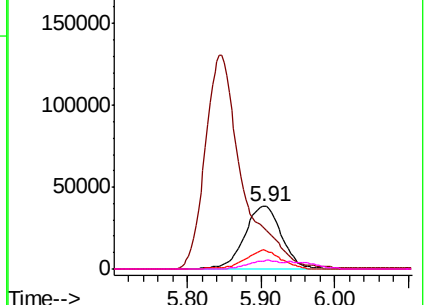
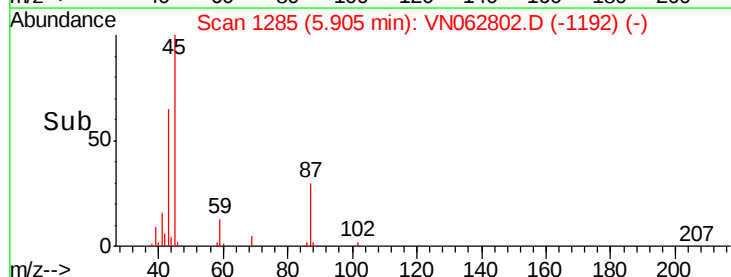


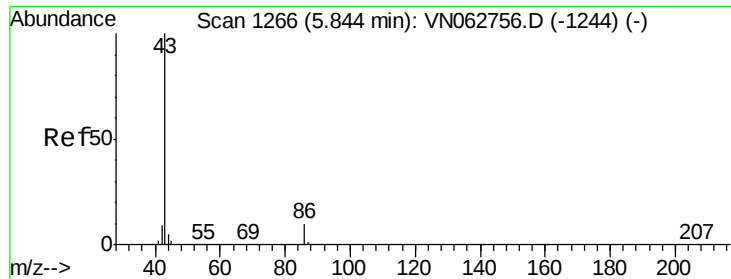
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

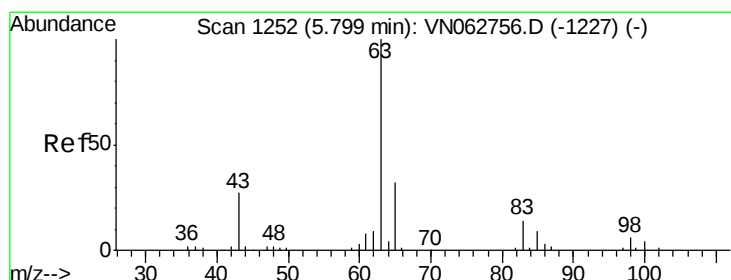
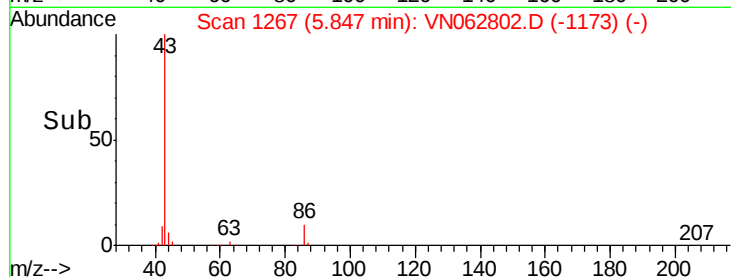
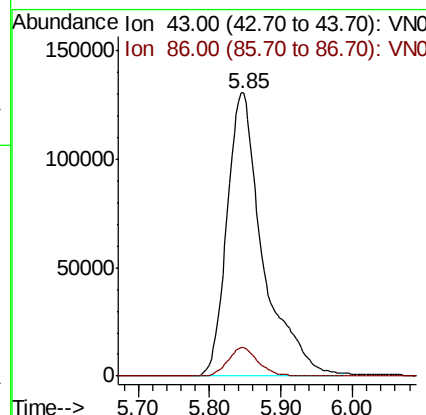
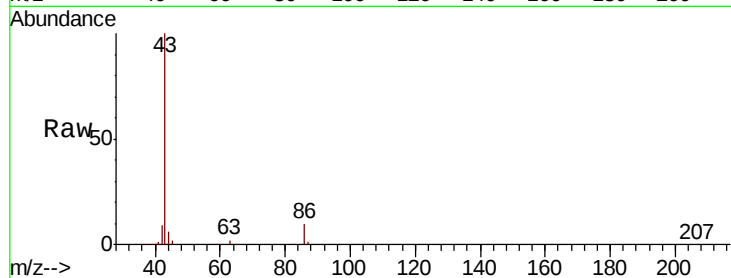




#23
 Vinyl Acetate
 Concen: 84.499 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

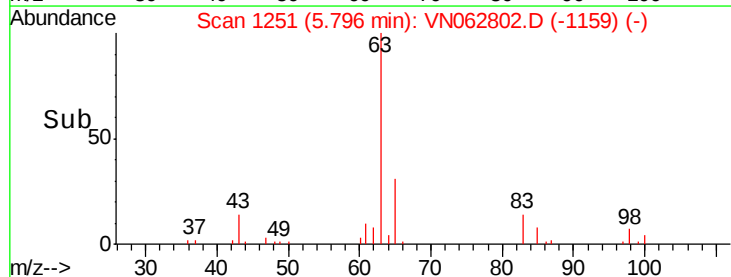
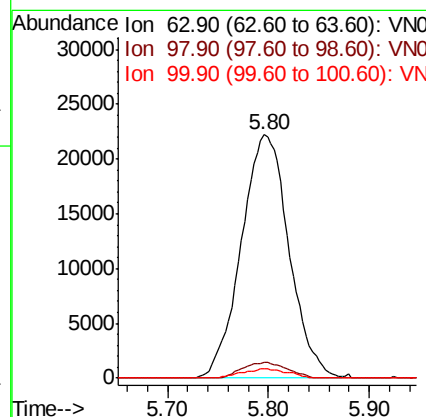
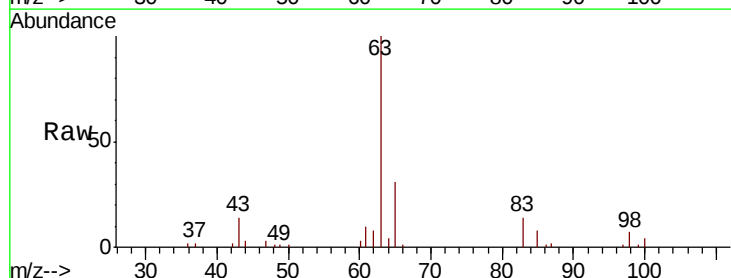
Instrument :
 MSVOA_N
 ClientSampled :
 VN0810MBS01

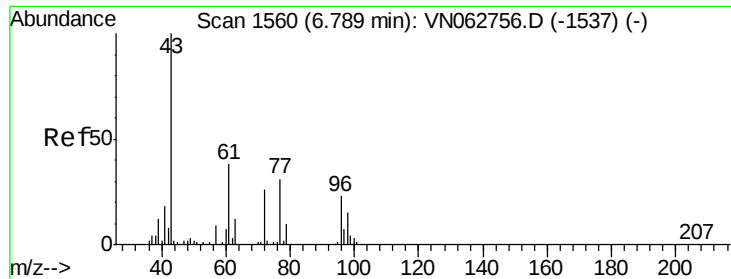
Tot Ion: 43 Resp: 457943
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 17.456 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

Tgt Ion: 63 Resp: 72886
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.0 9.2
 100 3.9 1.9 5.7

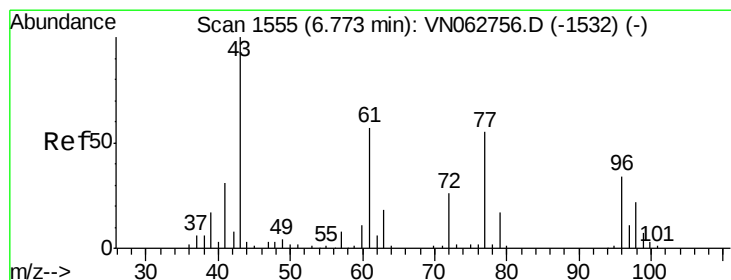
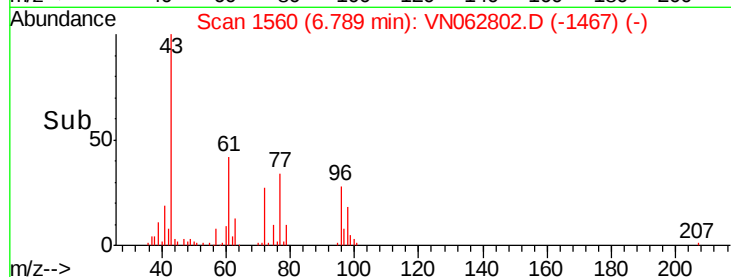
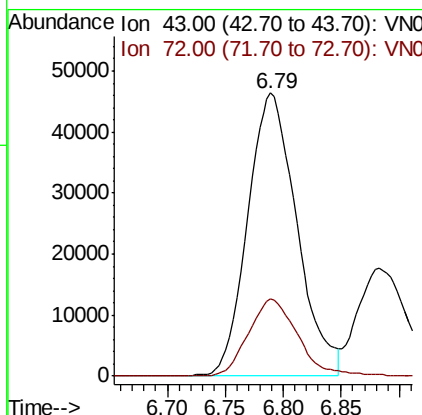
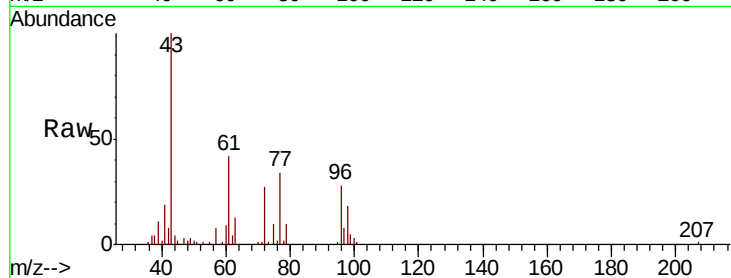




#25
 2-Butanone
 Concen: 84.539 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

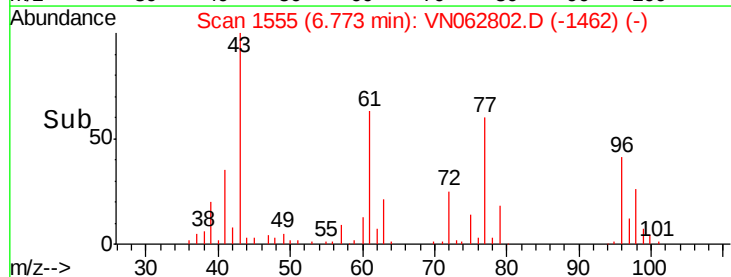
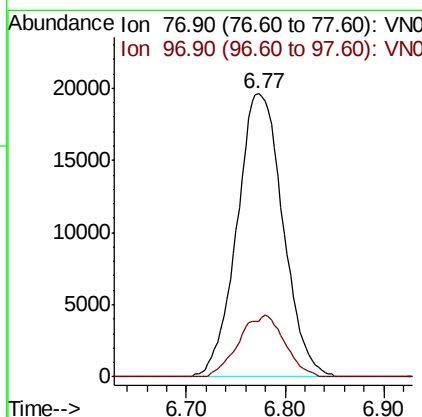
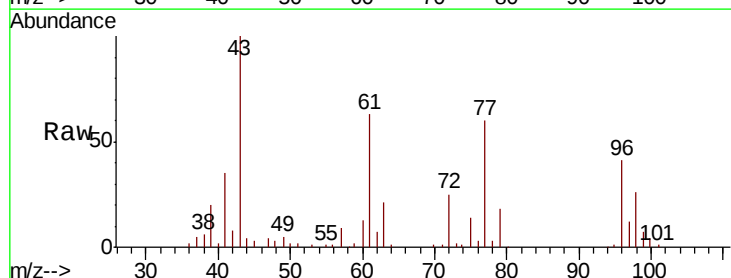
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810MBS01

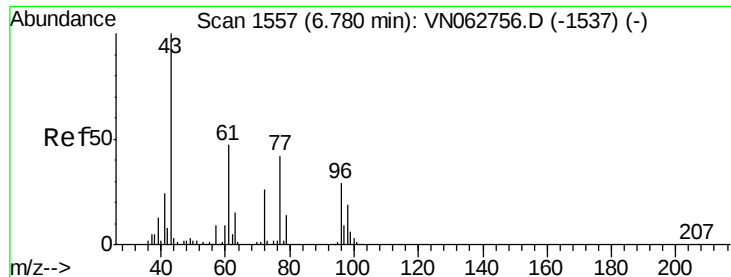
Tot Ion: 43 Resp: 136774
 Ion Ratio Lower Upper
 43 100
 72 27.2 21.1 31.7



#26
 2,2-Dichloropropane
 Concen: 16.449 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

Tgt Ion: 77 Resp: 63310
 Ion Ratio Lower Upper
 77 100
 97 21.7 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.196 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0810MBS01

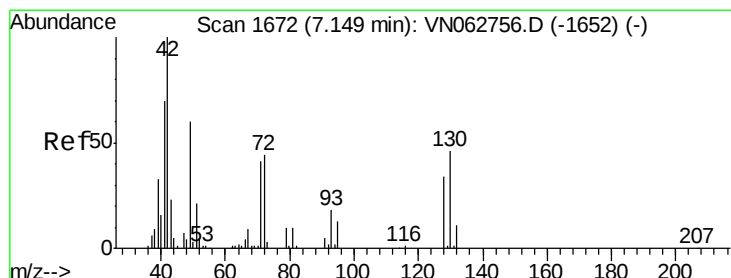
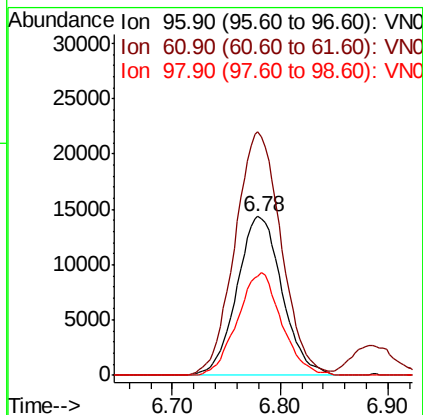
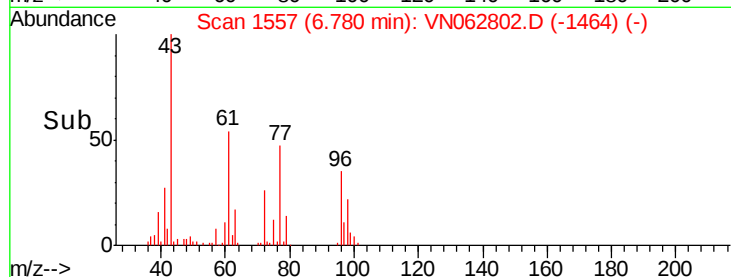
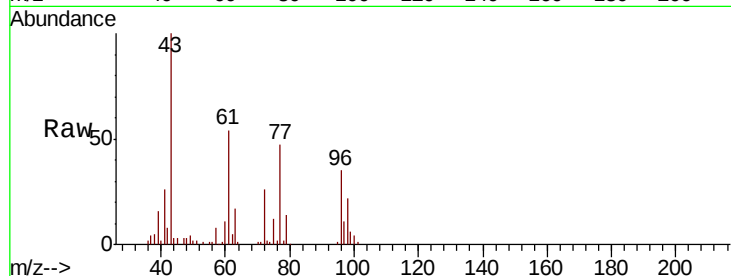
Tot Ion: 96 Resp: 41759

Ion Ratio Lower Upper

96 100

61 156.8 0.0 332.2

98 62.9 0.0 129.4



#28

Bromochloromethane

Concen: 17.228 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

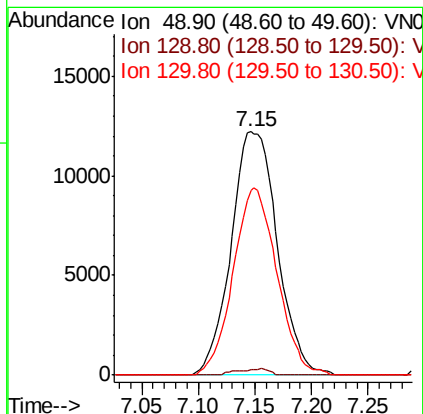
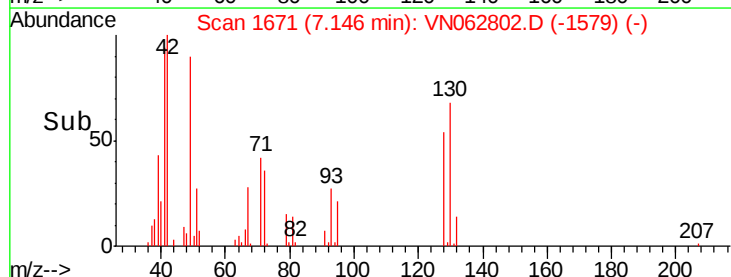
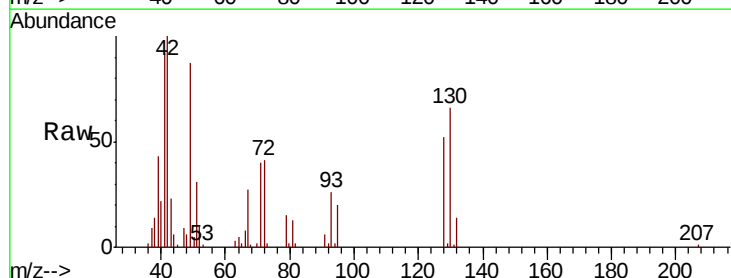
Tgt Ion: 49 Resp: 34718

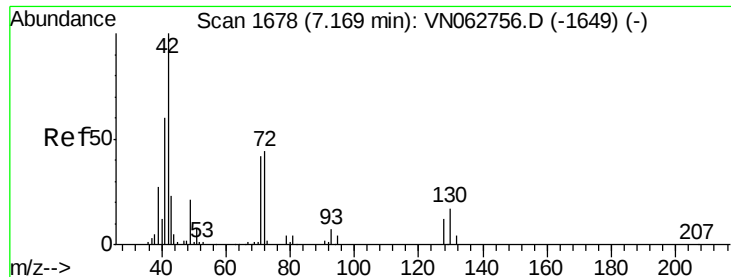
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

130 72.7 59.0 88.6

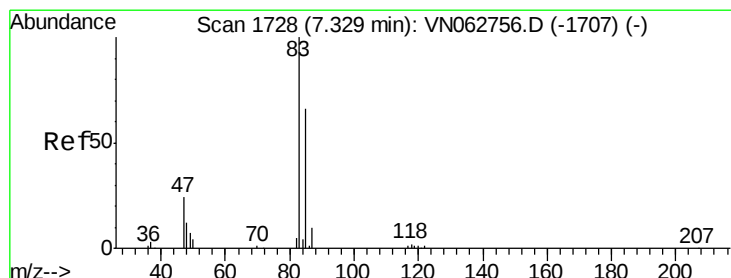
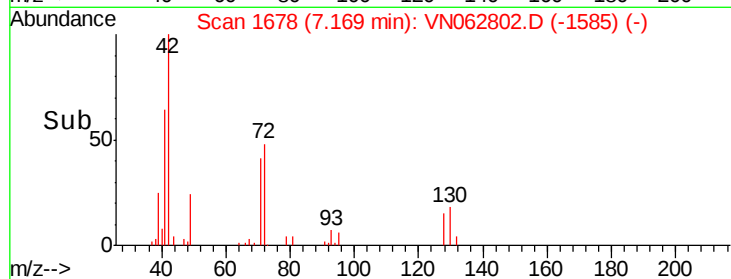
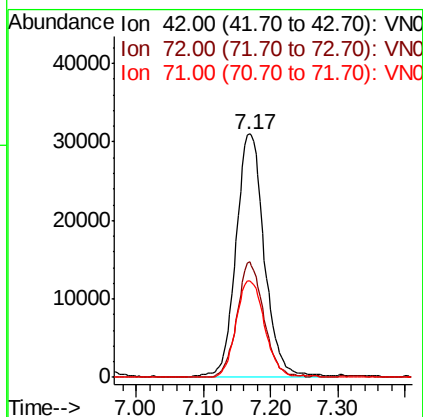
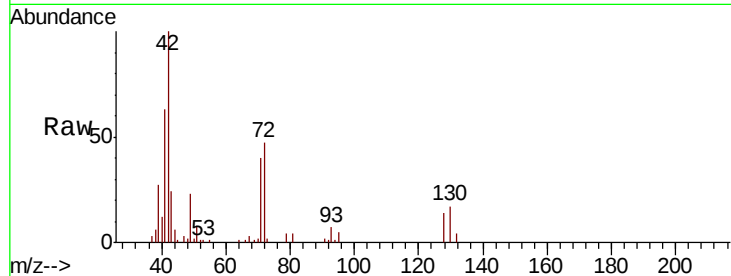




#29
Tetrahydrofuran
Concen: 86.728 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

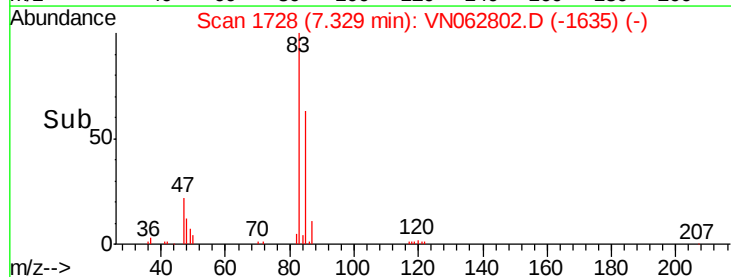
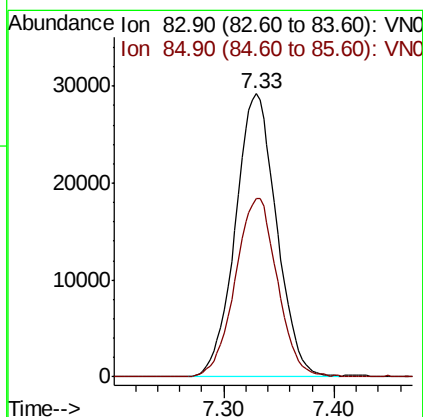
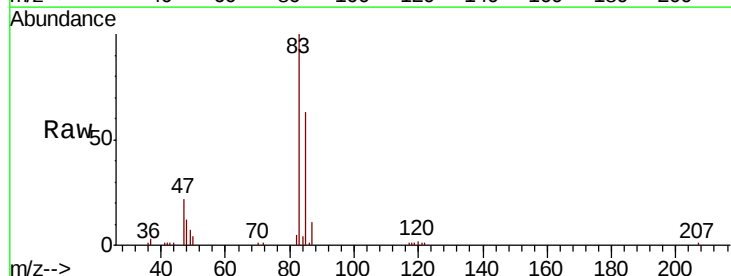
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBS01

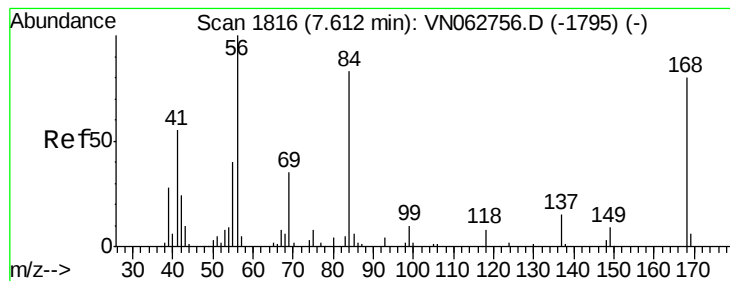
Tot Ion: 42 Resp: 91159
Ion Ratio Lower Upper
42 100
72 44.5 35.0 52.4
71 39.9 33.2 49.8



#30
Chloroform
Concen: 17.009 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Tgt Ion: 83 Resp: 75477
Ion Ratio Lower Upper
83 100
85 63.1 52.7 79.1





#31

Cyclohexane

Concen: 18.658 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0810MBS01

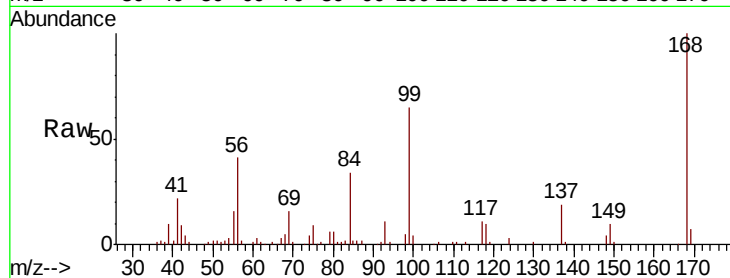
Tot Ion: 56 Resp: 71516

Ion Ratio Lower Upper

56 100

69 39.1 28.1 42.1

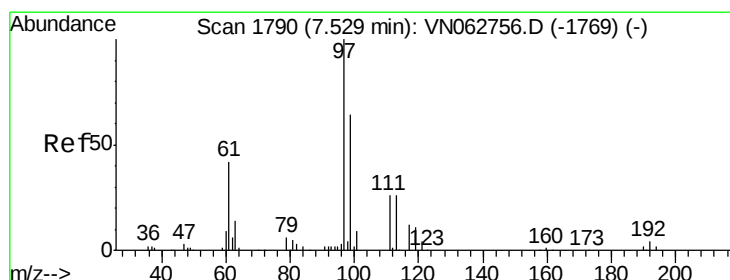
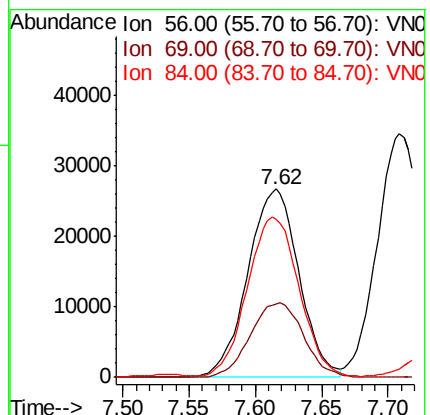
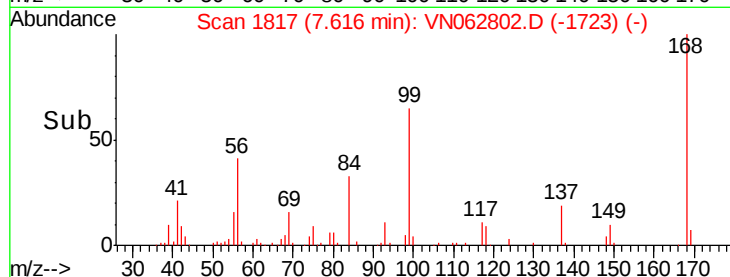
84 83.5 66.8 100.2



Abundance Ion 56.00 (55.70 to 56.70): VN062802.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062802.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062802.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 16.865 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

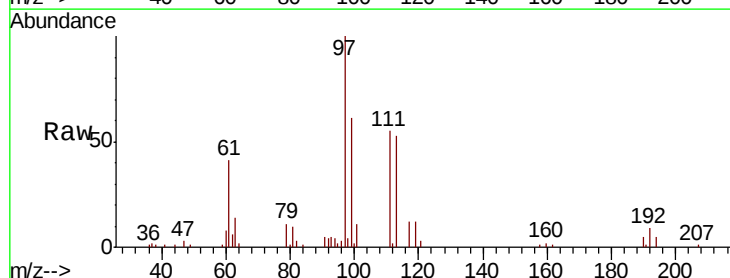
Tgt Ion: 97 Resp: 66912

Ion Ratio Lower Upper

97 100

99 64.4 50.0 75.0

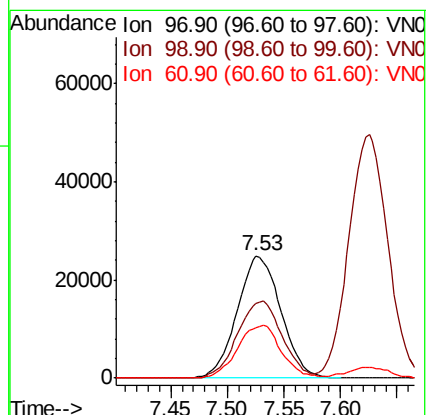
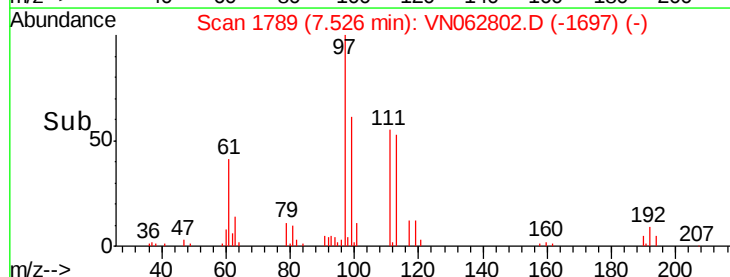
61 43.1 34.8 52.2

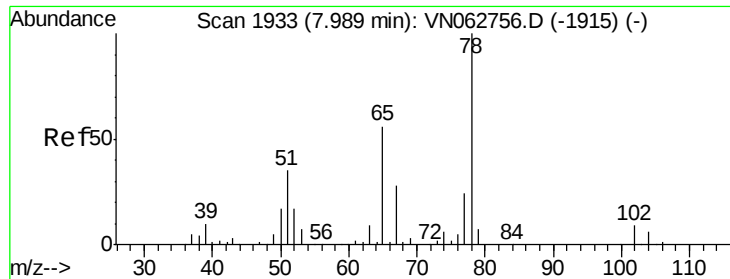


Abundance Ion 96.90 (96.60 to 97.60): VN062802.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062802.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062802.D (-1697) (-)

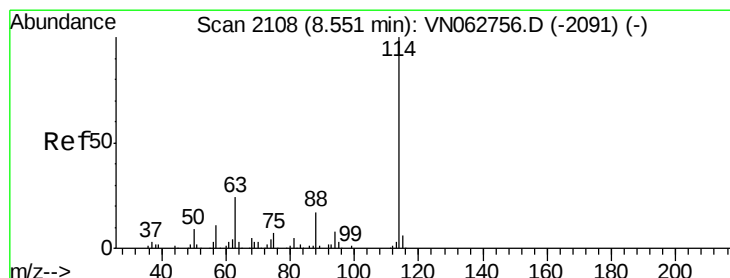
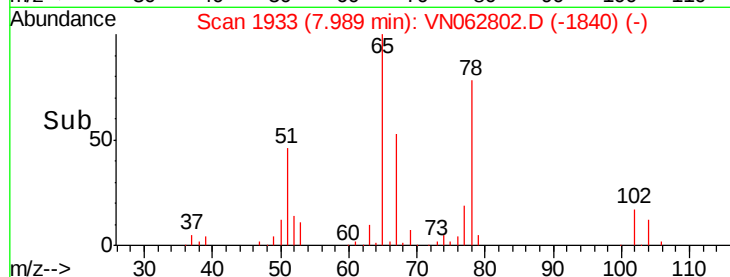
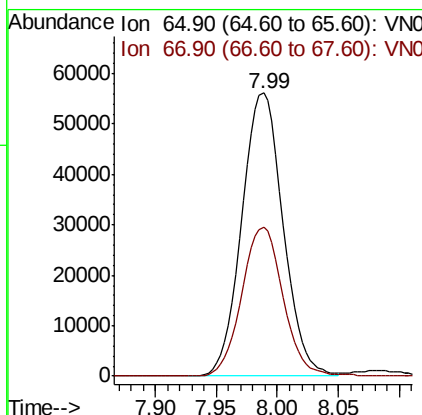
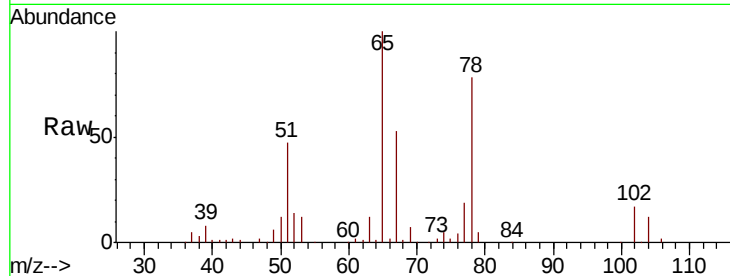




#33
 1,2-Dichloroethane-d4
 Concen: 41.569 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

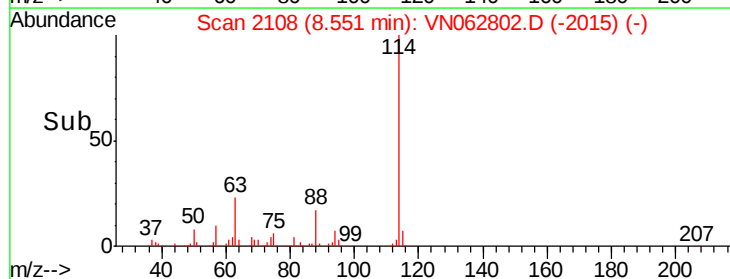
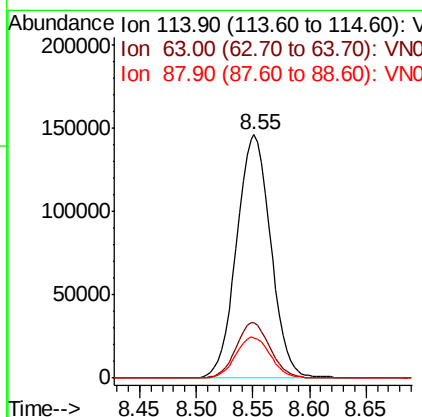
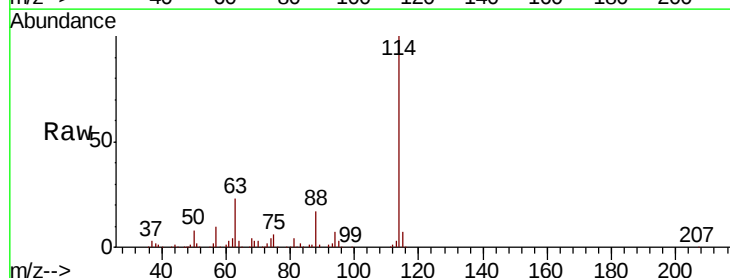
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810MBS01

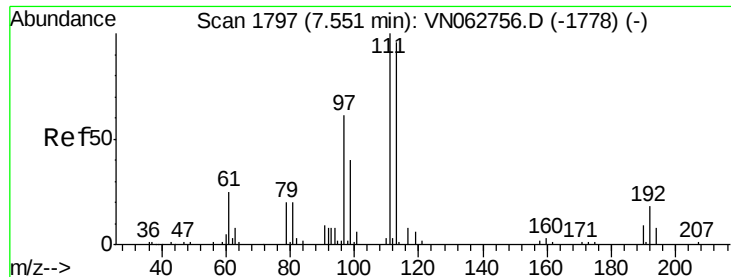
Tot Ion: 65 Resp: 131416
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

Tgt Ion: 114 Resp: 308099
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.6
 88 16.7 0.0 34.4

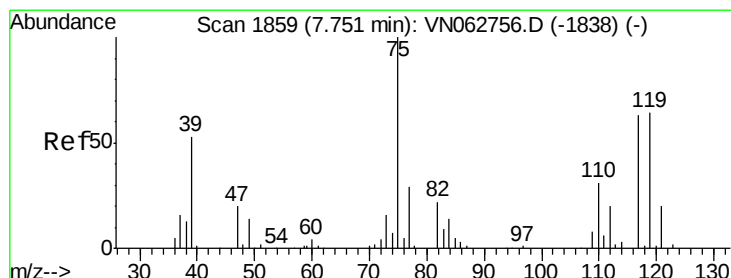
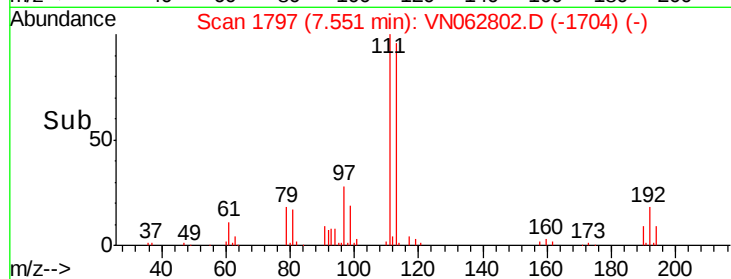
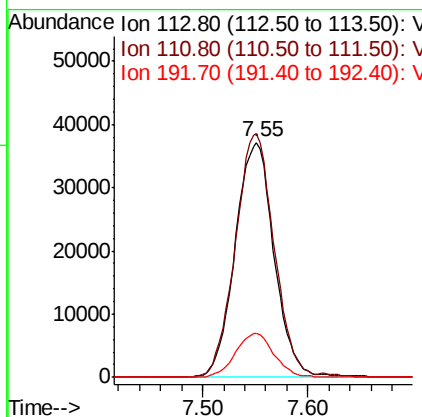
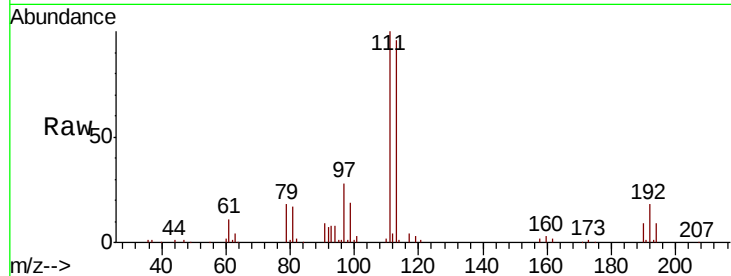




#35
 Dibromofluoromethane
 Concen: 45.172 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

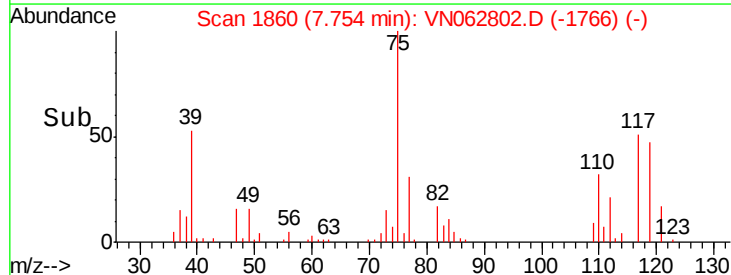
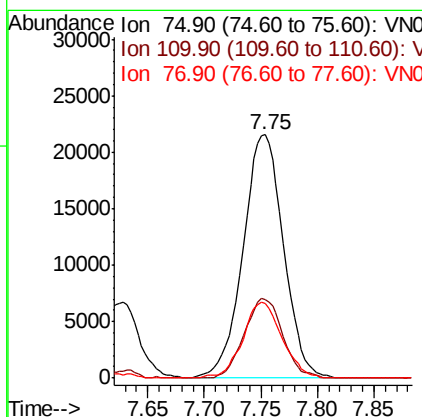
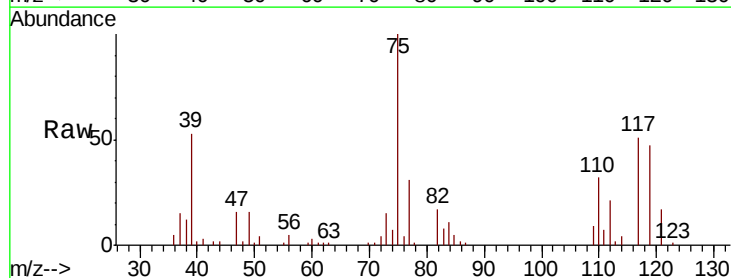
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810MBS01

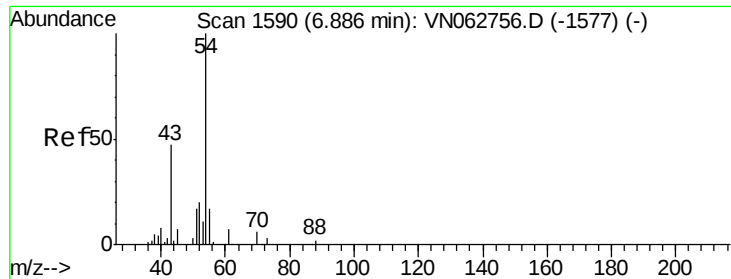
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	18.5	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 17.870 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.1	15.6	46.7
77	30.2	24.1	36.1

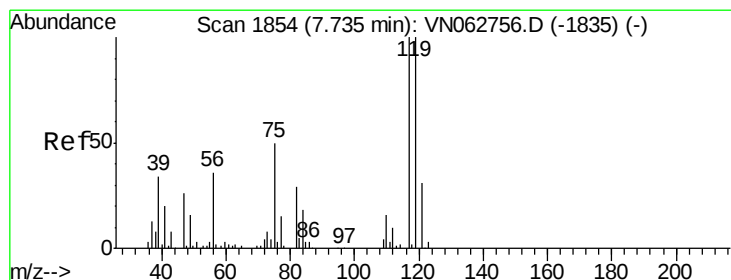
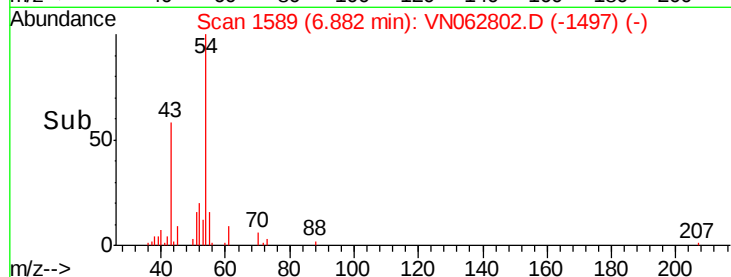
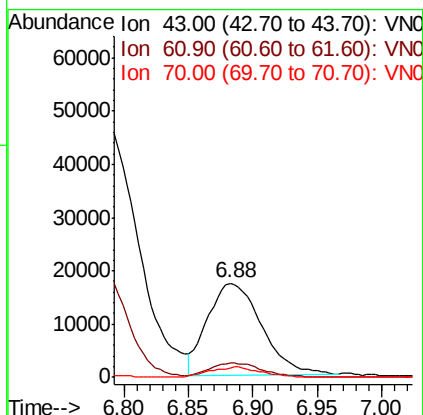
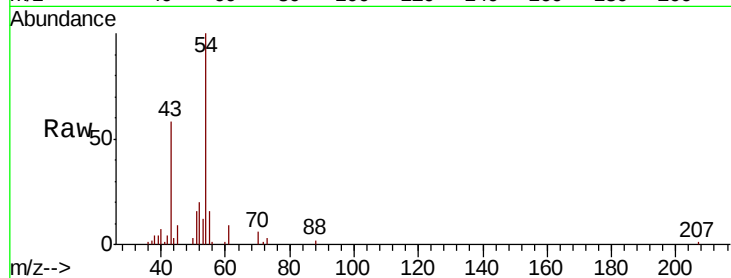




#37
Ethyl Acetate
Concen: 16.063 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

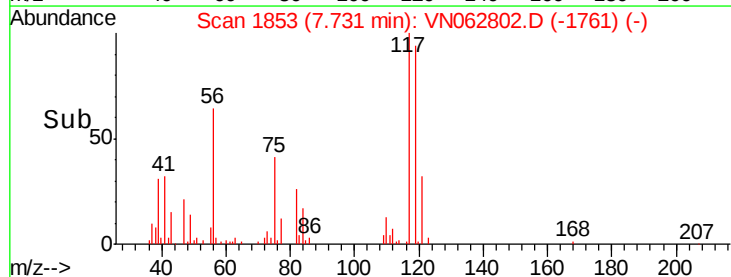
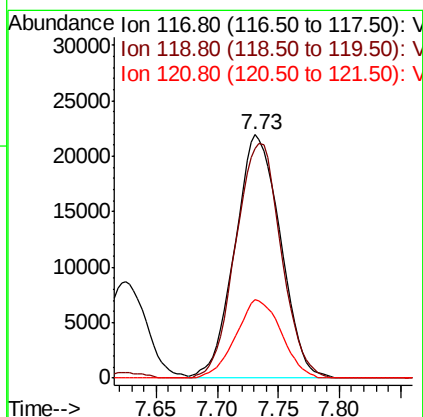
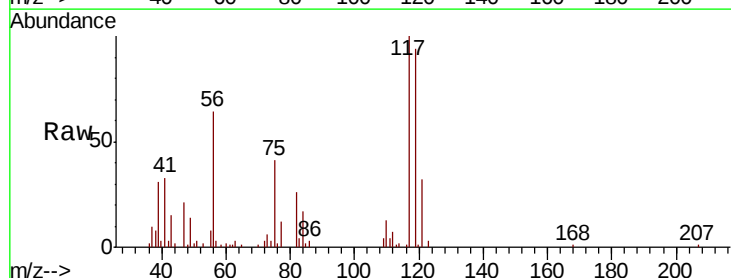
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBS01

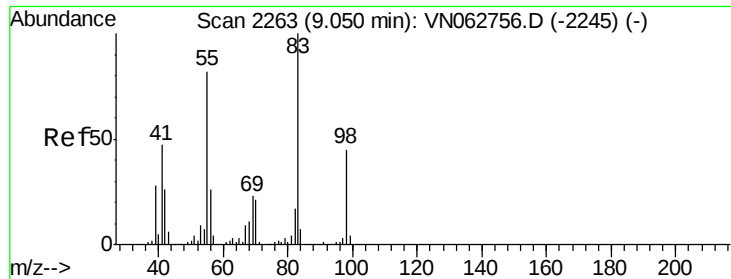
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.1	18.1
70	10.7	8.3	12.5



#38
Carbon Tetrachloride
Concen: 16.001 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	79.4	119.2
121	32.3	24.9	37.3

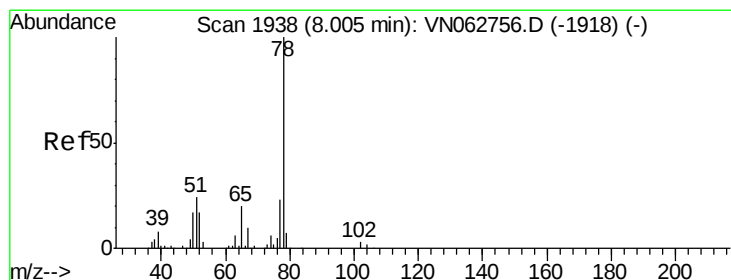
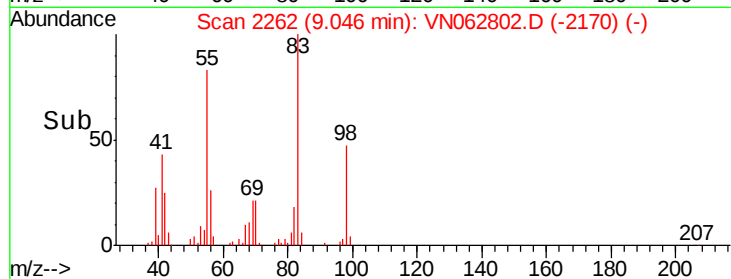
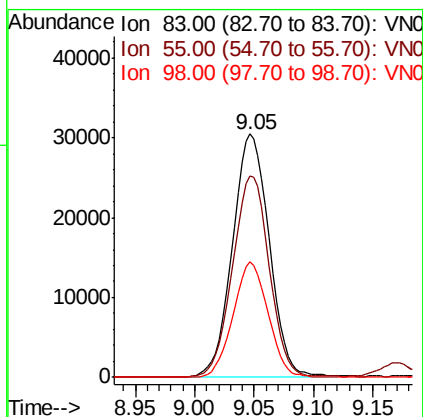
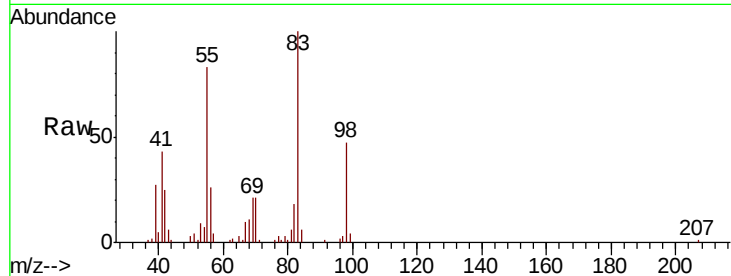




#39
Methvlcvclohexane
Concen: 18.107 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

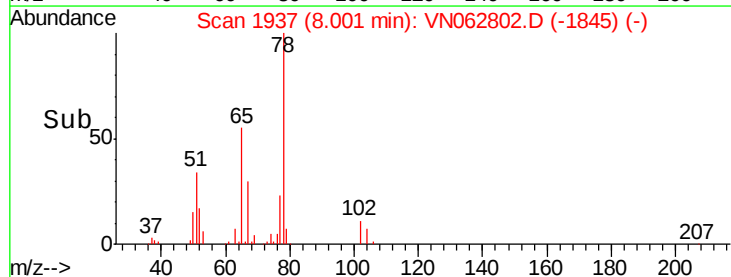
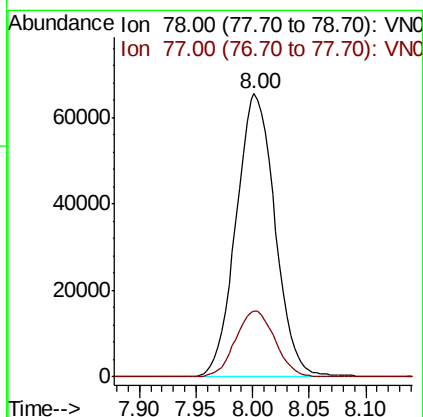
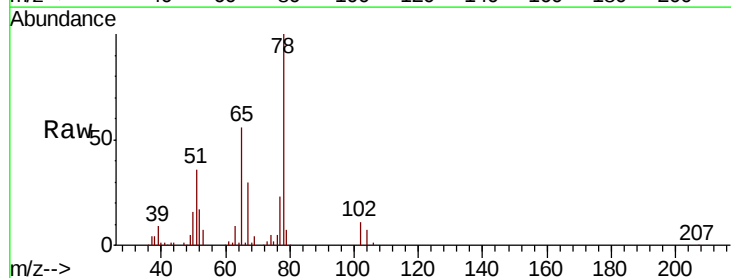
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBS01

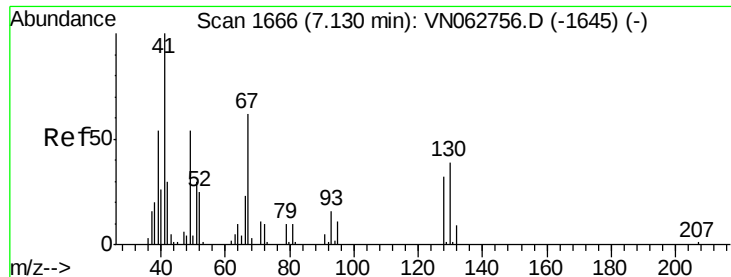
Tot Ion: 83 Resp: 65373
Ion Ratio Lower Upper
83 100
55 82.9 65.7 98.5
98 47.4 35.6 53.4



#40
Benzene
Concen: 17.517 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Tgt Ion: 78 Resp: 156817
Ion Ratio Lower Upper
78 100
77 23.4 18.1 27.1

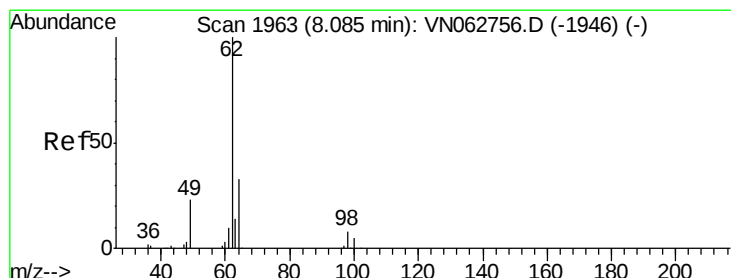
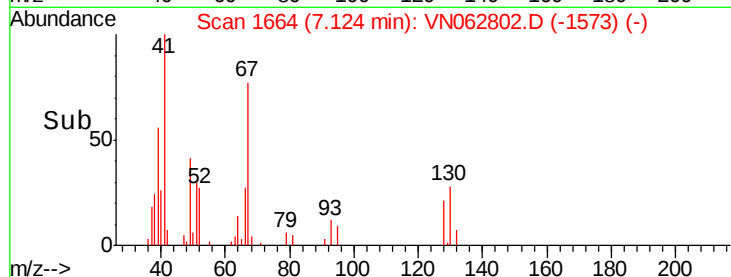
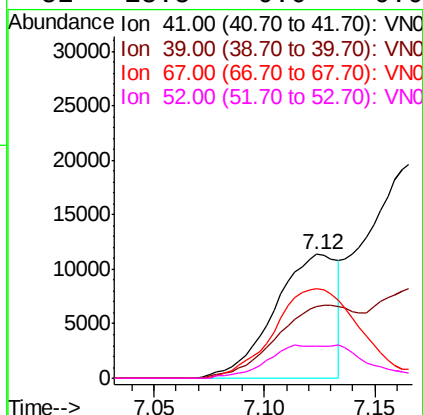
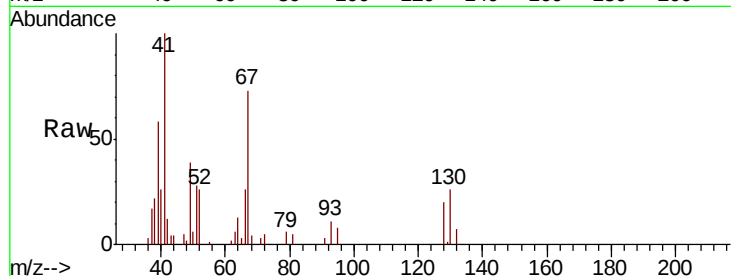




#41
Methacrylonitrile
Concen: 15.897 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

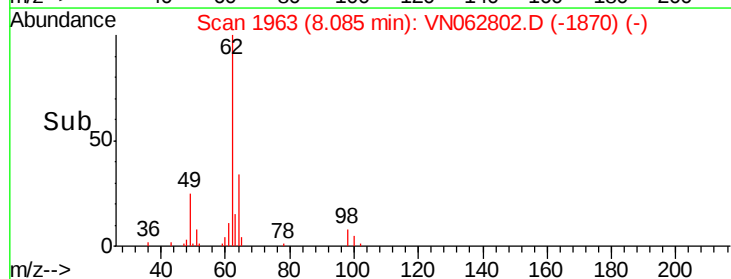
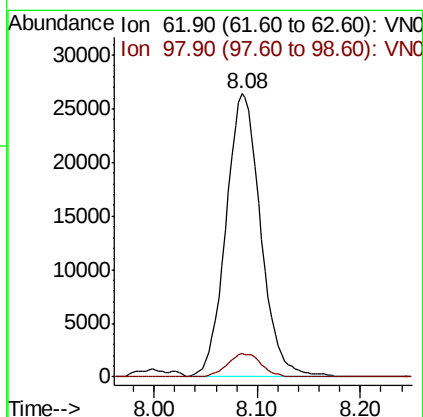
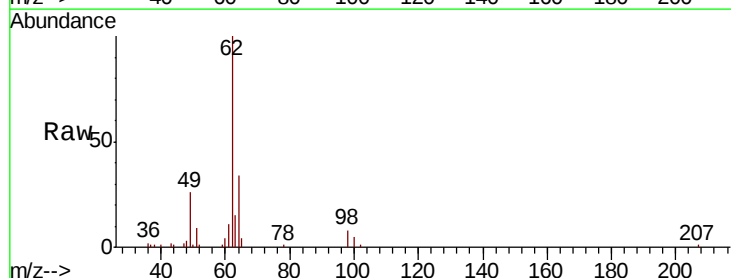
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBS01

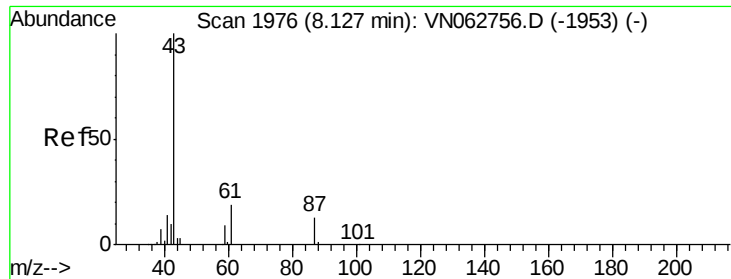
Tot Ion: 41 Resp: 22480
Ion Ratio Lower Upper
41 100
39 73.3 69.4 104.2
67 100.1 0.0 0.0#
52 18.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 16.259 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Tgt Ion: 62 Resp: 61950
Ion Ratio Lower Upper
62 100
98 8.1 0.0 15.8

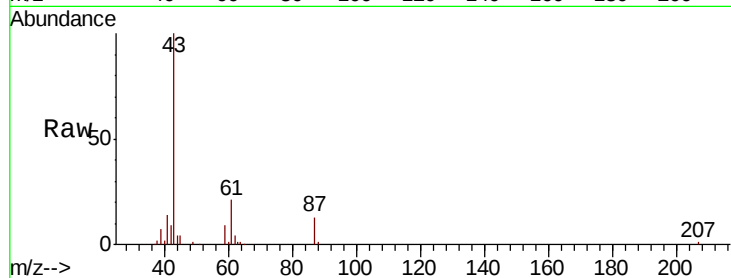




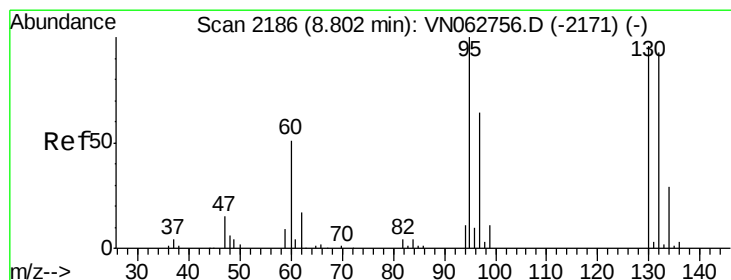
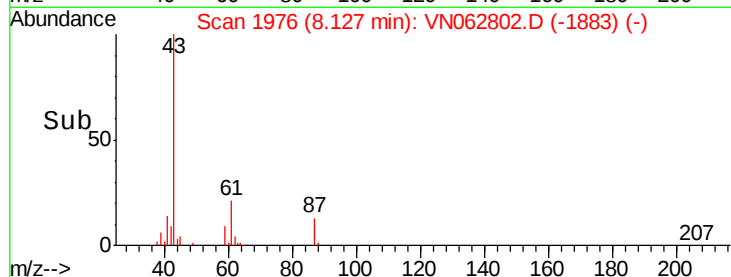
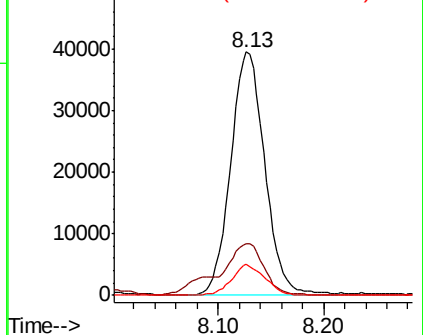
#43
Isopropyl Acetate
Concen: 17.027 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0810MBS01

Tot Ion: 43 Resp: 89000
Ion Ratio Lower Upper
43 100
61 21.8 15.8 23.6
87 12.3 9.9 14.9

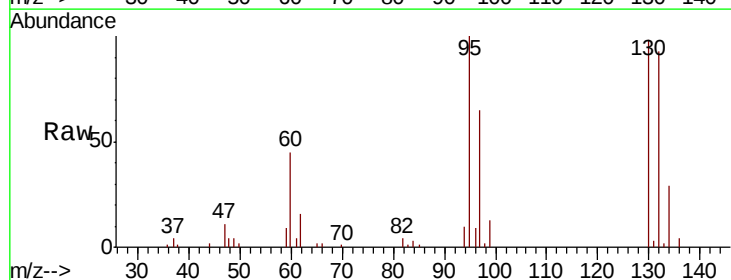


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

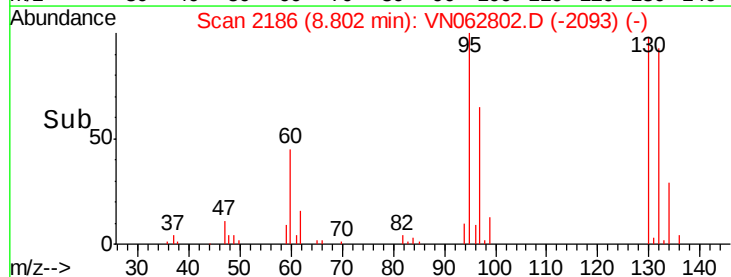
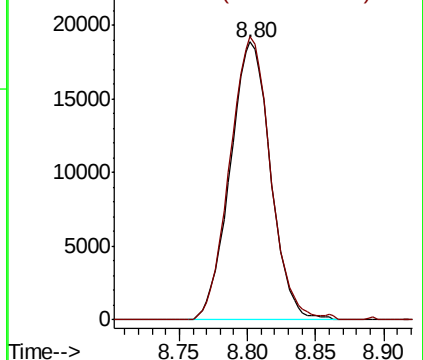


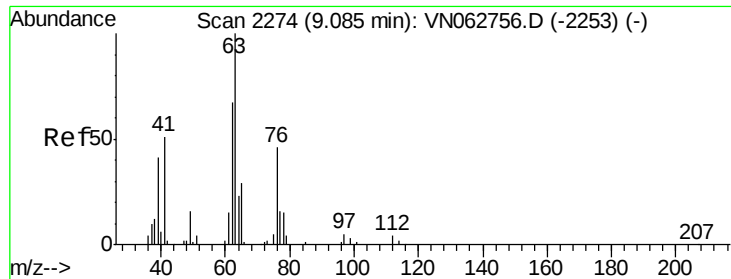
#44
Trichloroethene
Concen: 17.772 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Tgt Ion:130 Resp: 38761
Ion Ratio Lower Upper
130 100
95 101.9 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 18.159 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

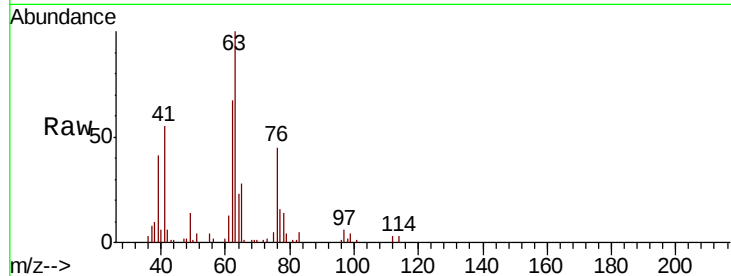
VN0810MBS01

Tot Ion: 63 Resp: 43996

Ion Ratio Lower Upper

63 100

65 28.4 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VN062802.D (-2181) (-)

Ion 64.90 (64.60 to 65.60): VN062802.D (-2181) (-)

9.08

20000

15000

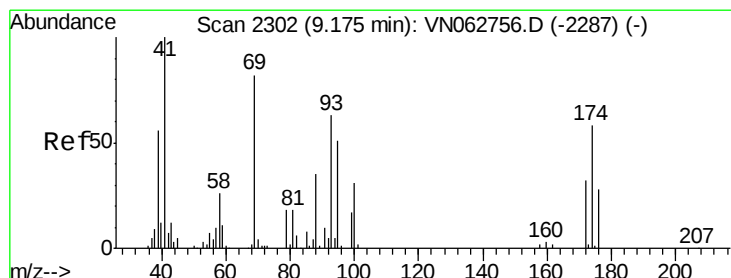
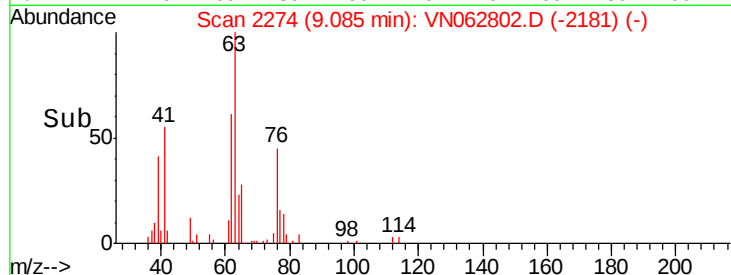
10000

5000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 17.338 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

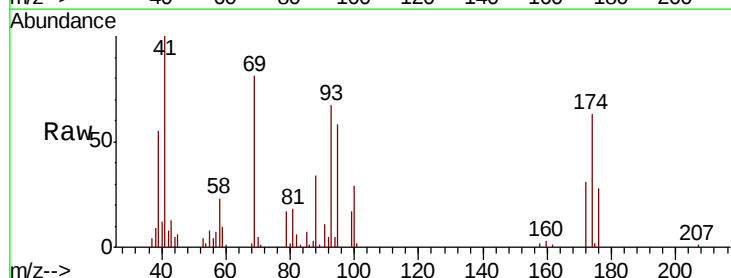
Tgt Ion: 93 Resp: 27524

Ion Ratio Lower Upper

93 100

95 86.1 65.1 97.7

174 92.5 73.9 110.9



Abundance Ion 92.80 (92.50 to 93.50): VN062802.D (-2209) (-)

Ion 94.80 (94.50 to 95.50): VN062802.D (-2209) (-)

Ion 173.70 (173.40 to 174.40): VN062802.D (-2209) (-)

9.17

15000

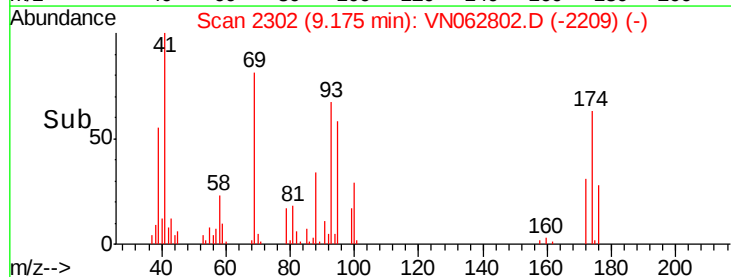
10000

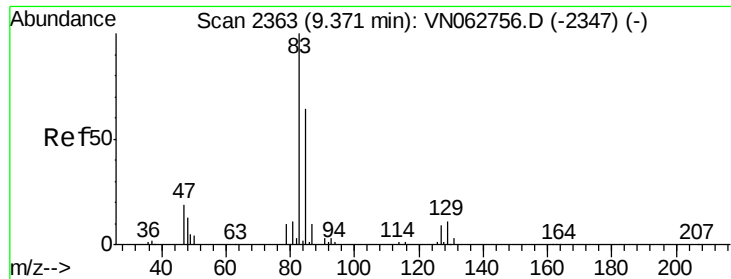
5000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 17.335 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0810MBS01

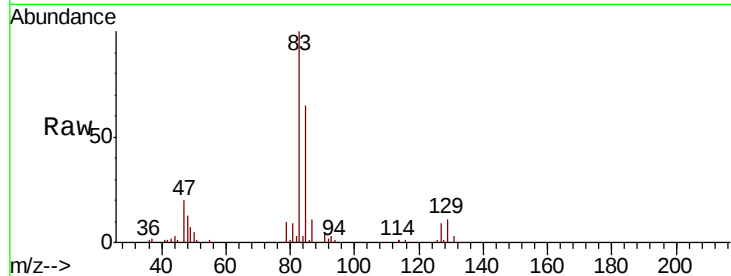
Tot Ion: 83 Resp: 61809

Ion Ratio Lower Upper

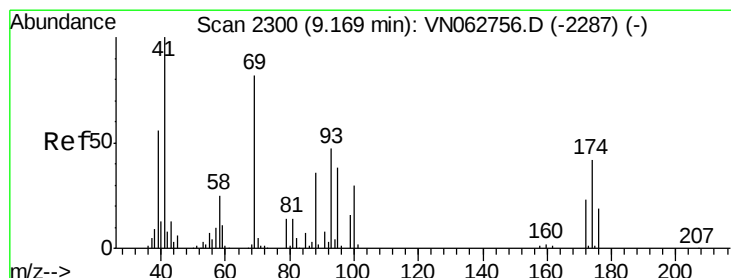
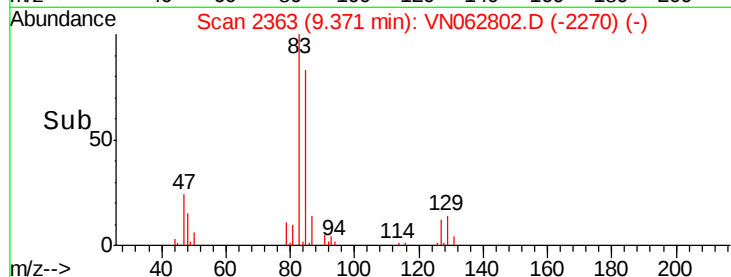
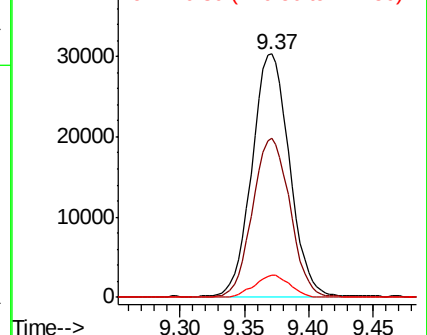
83 100

85 65.4 51.4 77.0

127 9.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.786 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

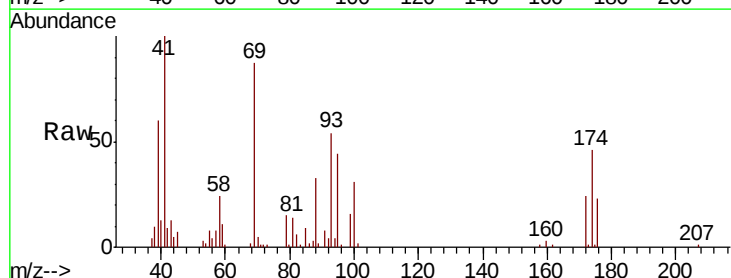
Tgt Ion: 41 Resp: 43158

Ion Ratio Lower Upper

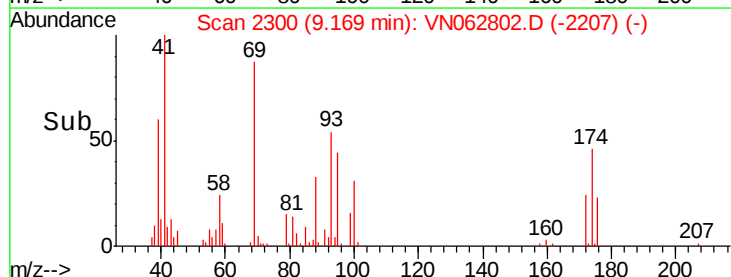
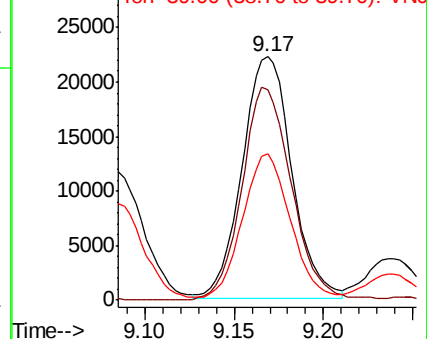
41 100

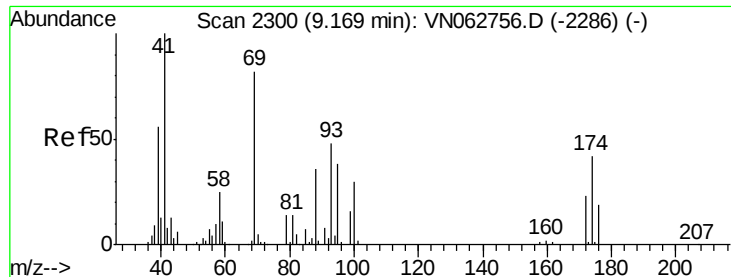
69 87.9 67.4 101.2

39 58.8 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

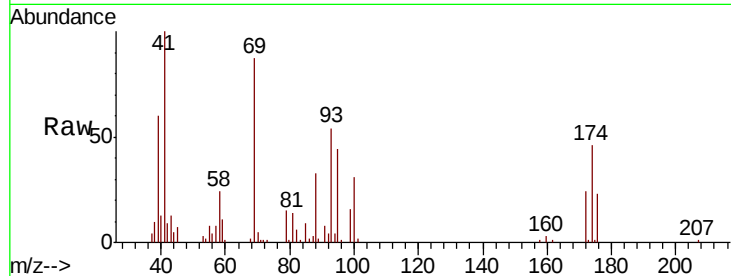




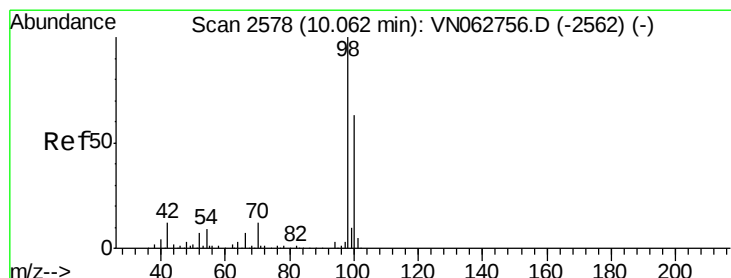
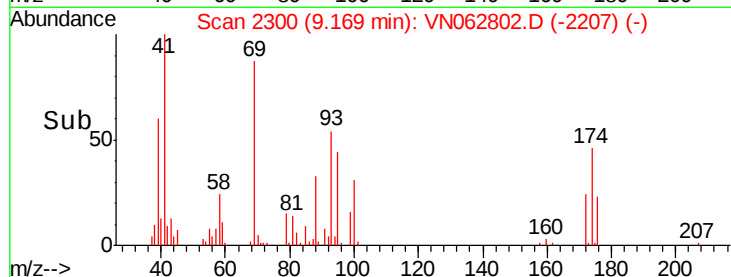
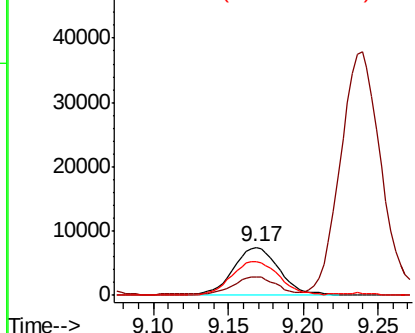
#49
 1,4-Dioxane
 Concen: 332.919 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810MBS01

Tot Ion: 88 Resp: 15860
 Ion Ratio Lower Upper
 88 100
 43 33.4 29.5 44.3
 58 73.2 59.8 89.8

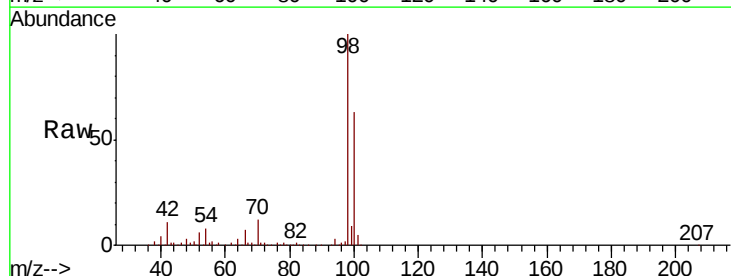


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

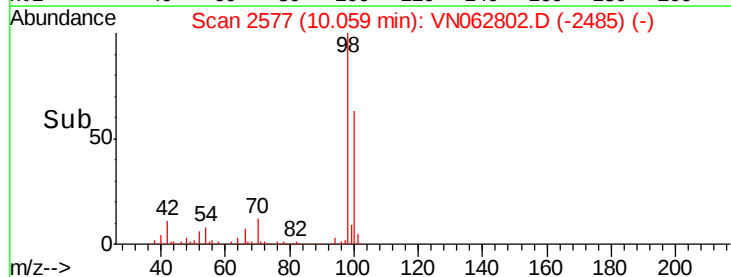
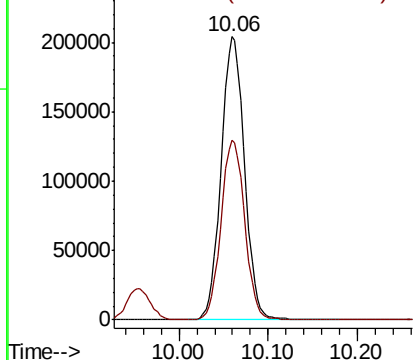


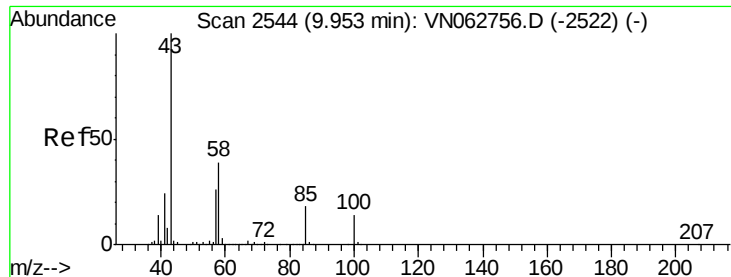
#50
 Toluene-d8
 Concen: 45.016 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

Tgt Ion: 98 Resp: 370397
 Ion Ratio Lower Upper
 98 100
 100 63.9 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: 85.568 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

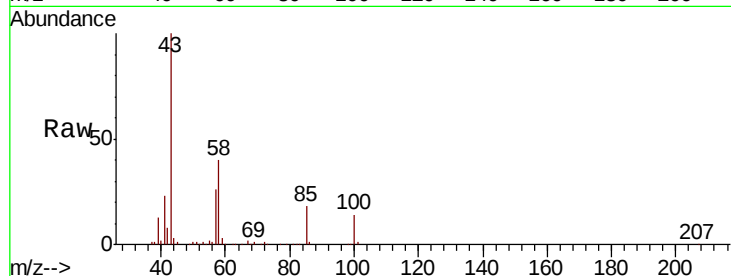
VN0810MBS01

Tot Ion: 43 Resp: 289390

Ion Ratio Lower Upper

43 100

58 39.8 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-2522) (-)

9.95

150000

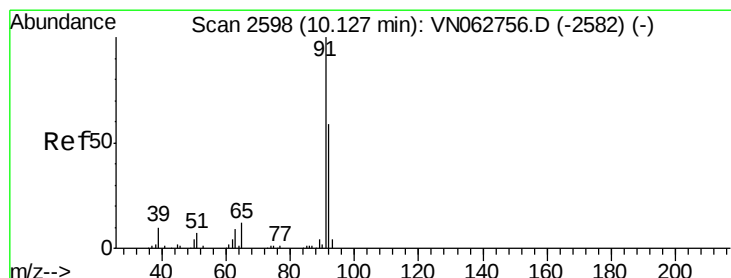
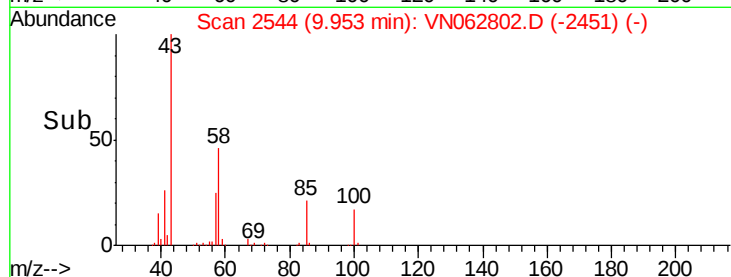
100000

50000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 17.798 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062802.D

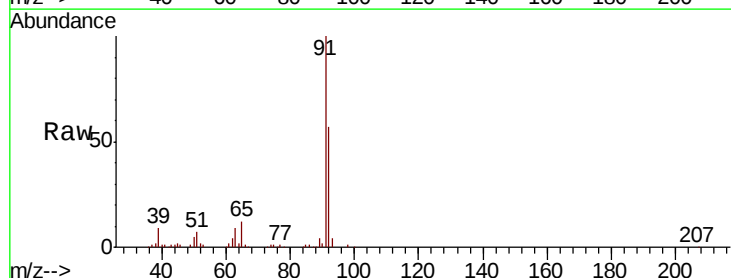
Acq: 10 Aug 2020 12:14

Tgt Ion: 92 Resp: 98372

Ion Ratio Lower Upper

92 100

91 174.0 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN062756.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062756.D (-2582) (-)

10.13

100000

80000

60000

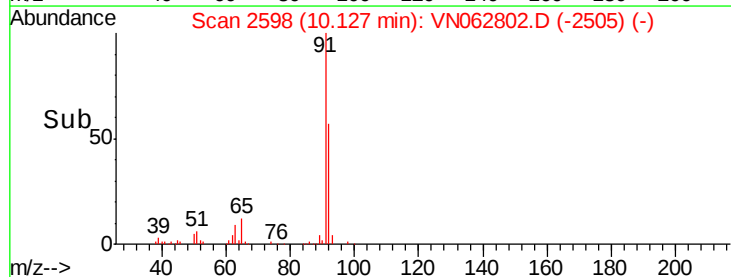
40000

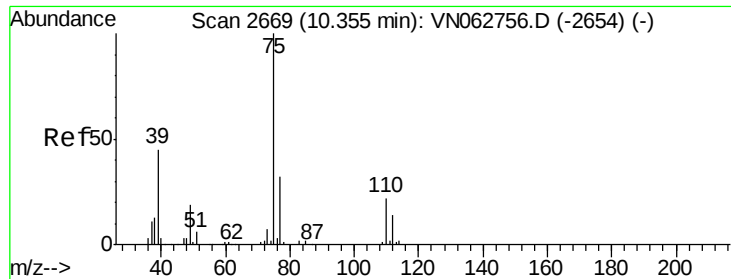
20000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.994 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

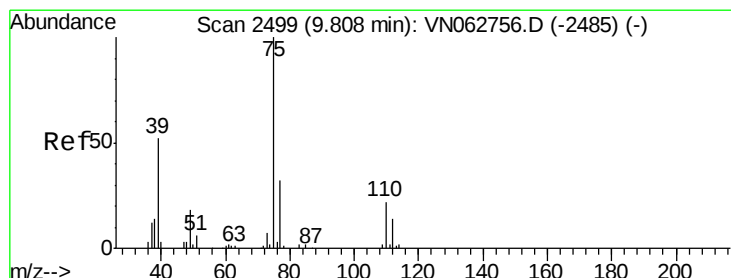
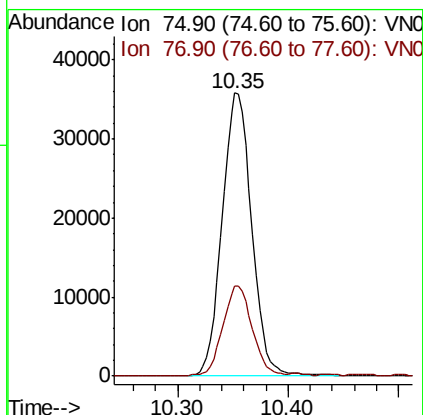
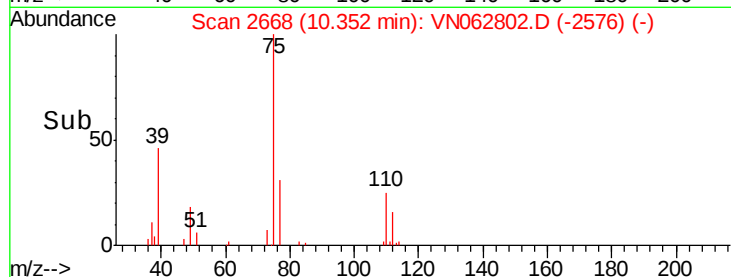
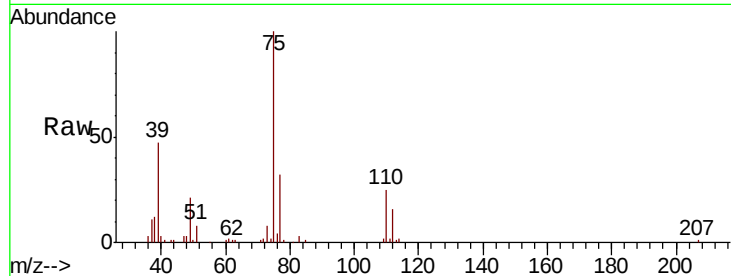
VN0810MBS01

Tot Ion: 75 Resp: 66648

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.030 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

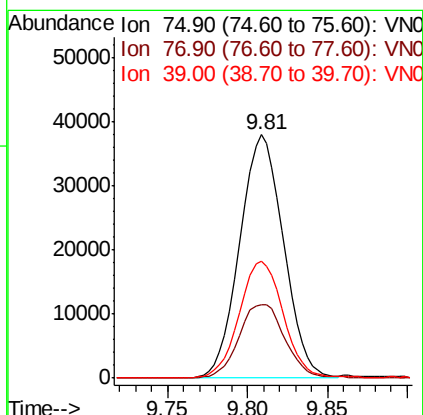
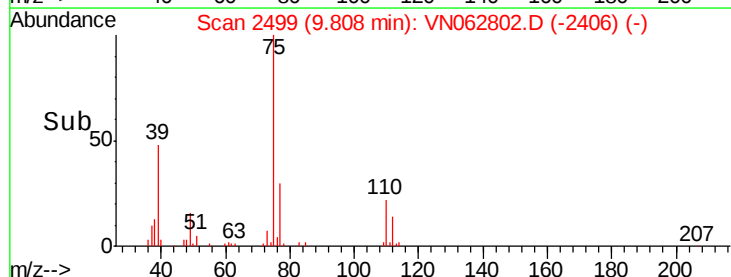
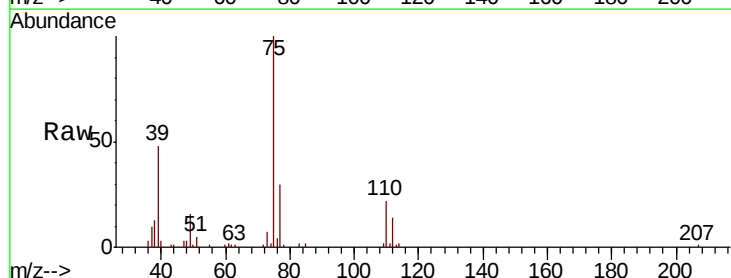
Tgt Ion: 75 Resp: 70996

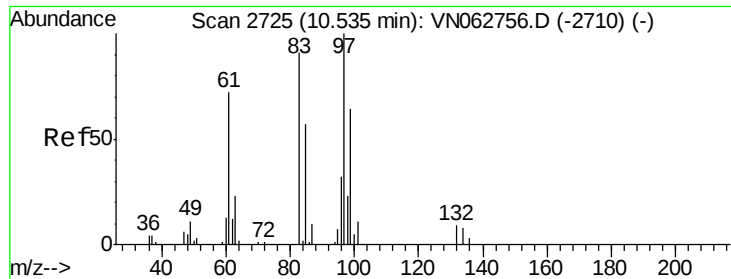
Ion Ratio Lower Upper

75 100

77 30.1 25.5 38.3

39 48.1 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 17.627 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0810MBS01

Tot Ion: 97 Resp: 41611

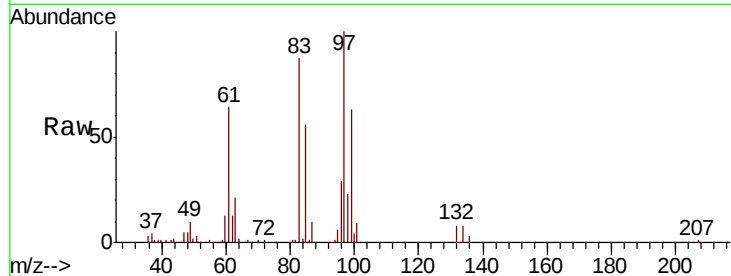
Ion Ratio Lower Upper

97 100

83 87.3 72.6 108.8

85 56.1 46.0 69.0

99 62.6 51.1 76.7

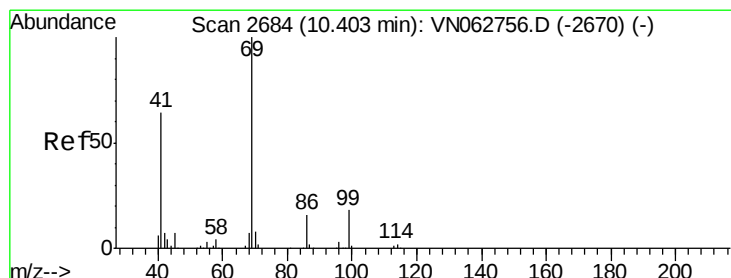
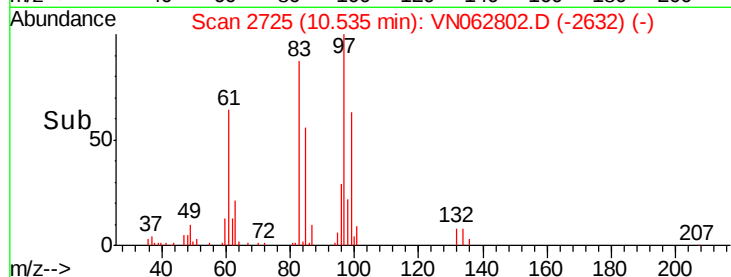
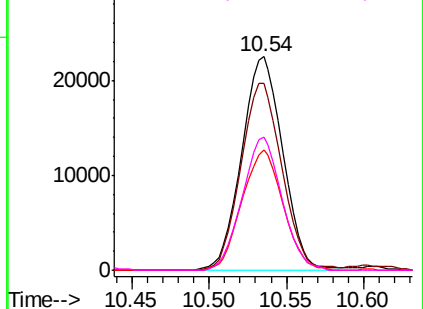


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 17.791 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

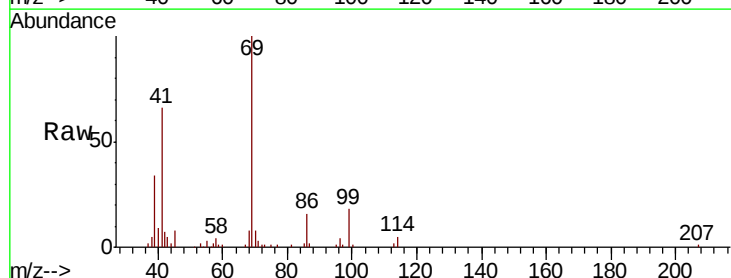
Tgt Ion: 69 Resp: 63217

Ion Ratio Lower Upper

69 100

41 64.4 52.2 78.2

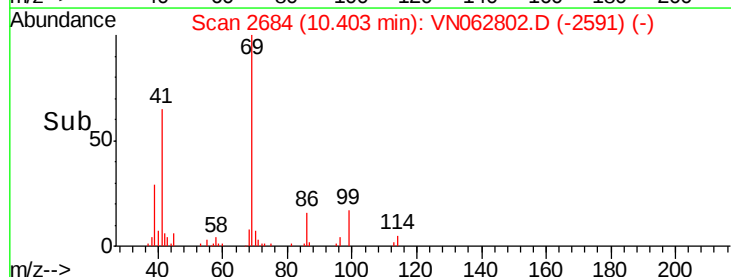
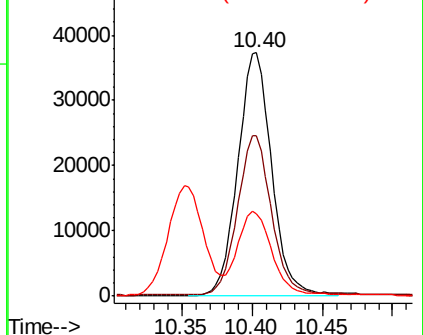
39 35.6 30.9 46.3

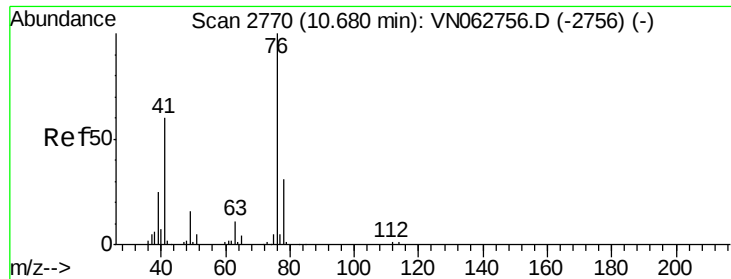


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

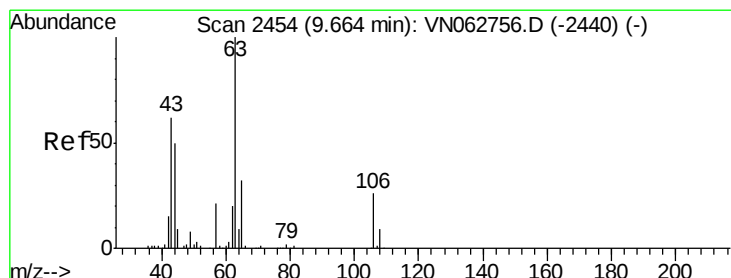
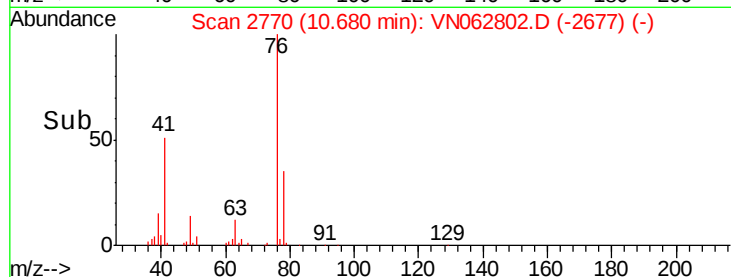
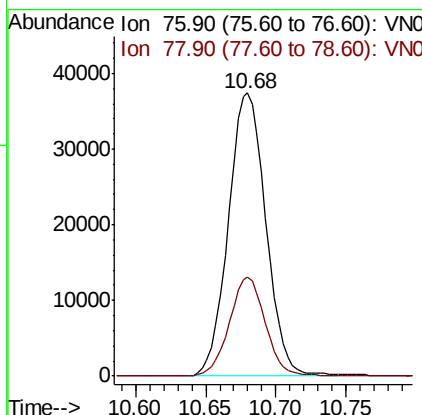
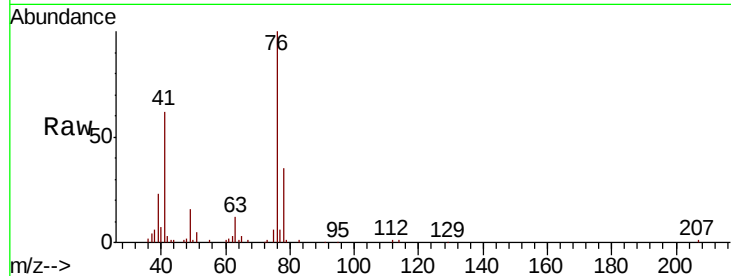




#57
 1,3-Dichloropropane
 Concen: 17.366 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

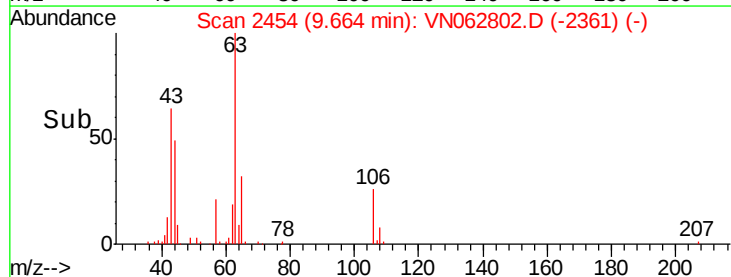
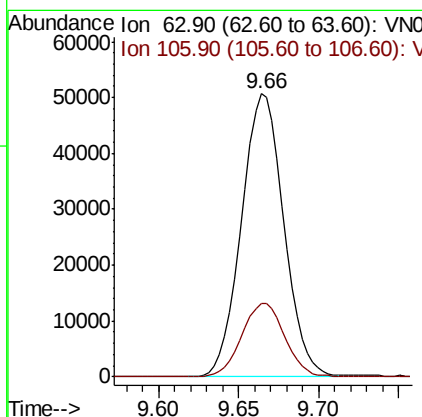
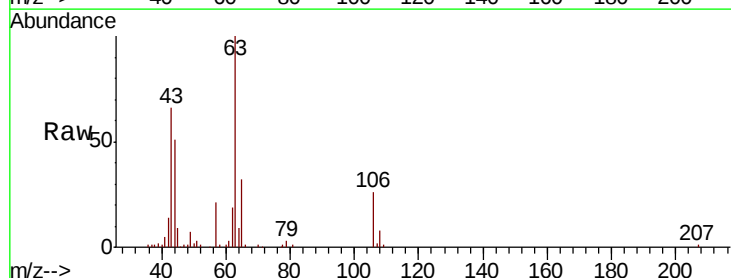
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810MBS01

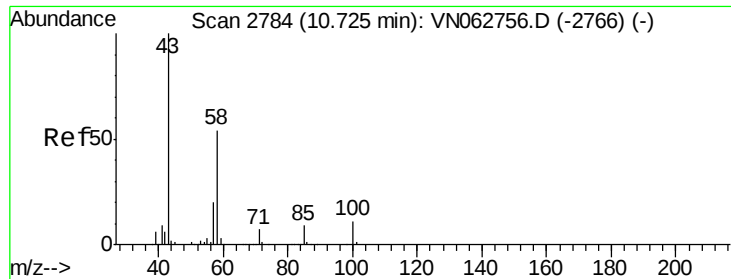
Tot Ion: 76 Resp: 69655
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.350 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

Tgt Ion: 63 Resp: 91749
 Ion Ratio Lower Upper
 63 100
 106 26.4 20.9 31.3

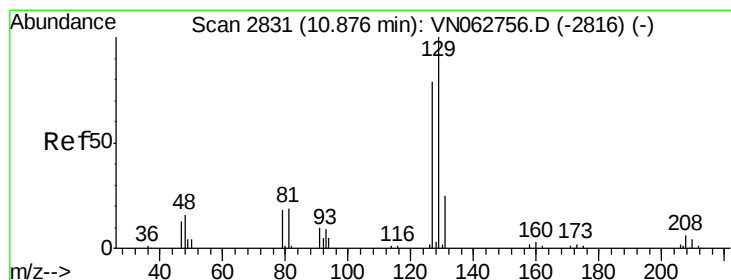
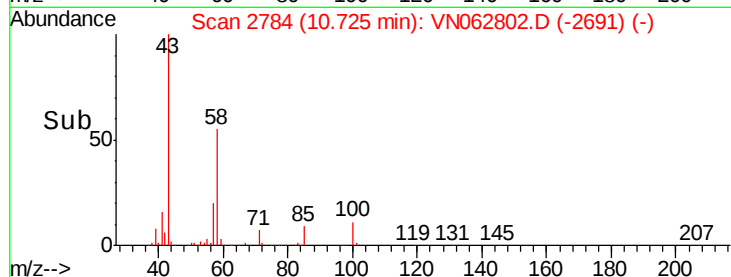
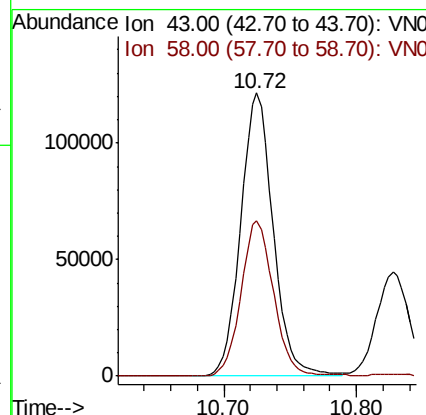
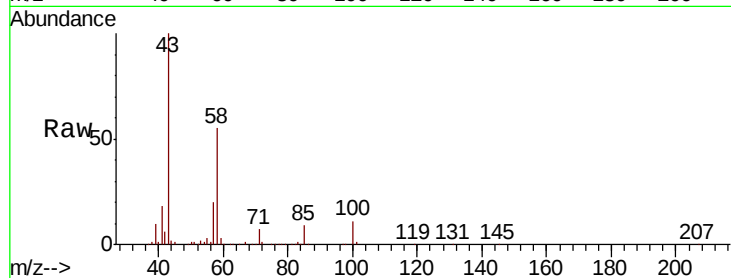




#59
2-Hexanone
Concen: 81.467 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

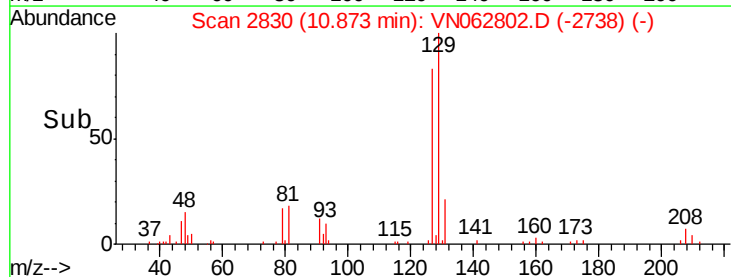
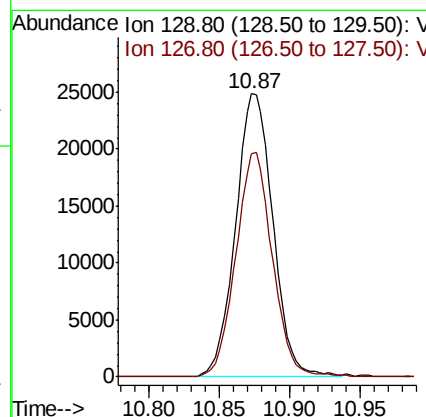
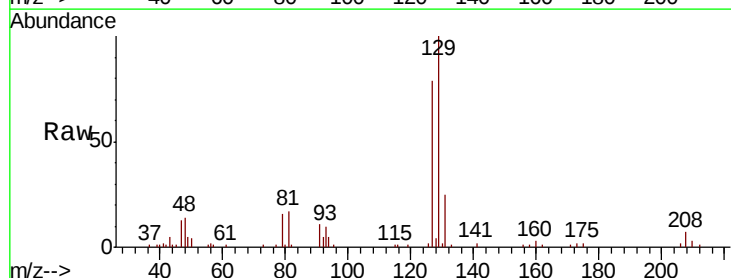
Instrument :
MSVOA_N
ClientSampled :
VN0810MBS01

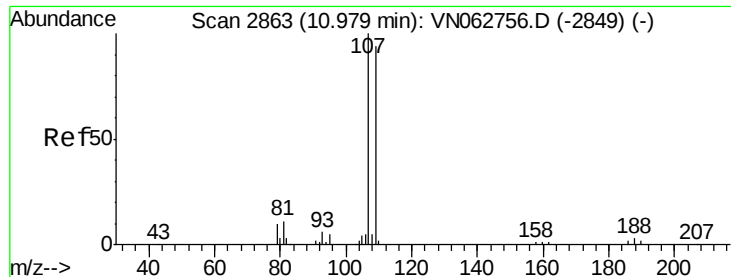
Tot Ion: 43 Resp: 205522
Ion Ratio Lower Upper
43 100
58 55.6 26.7 80.1



#60
Dibromochloromethane
Concen: 17.161 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Tgt Ion: 129 Resp: 46231
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.114 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

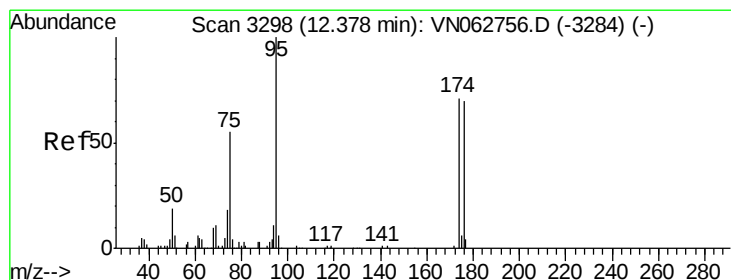
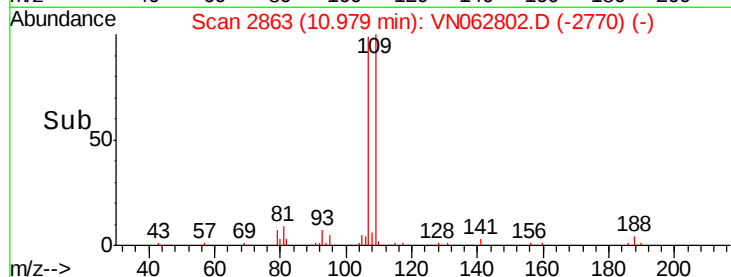
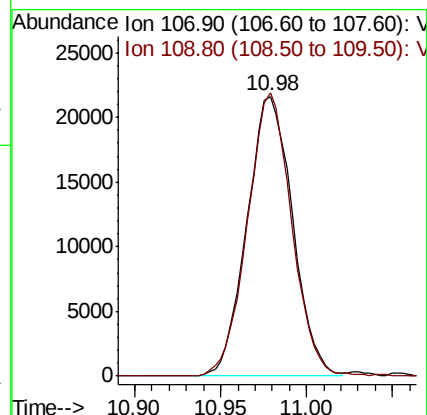
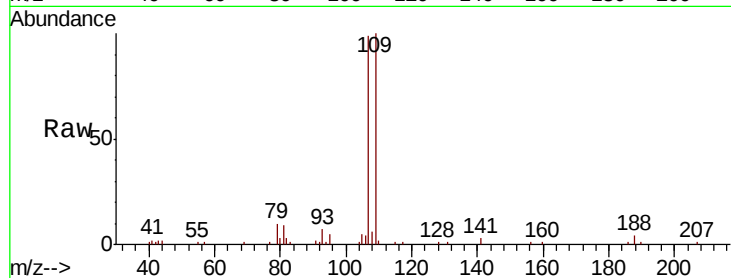
VN0810MBS01

Tot Ion:107 Resp: 39864

Ion Ratio Lower Upper

107 100

109 97.9 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 42.249 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

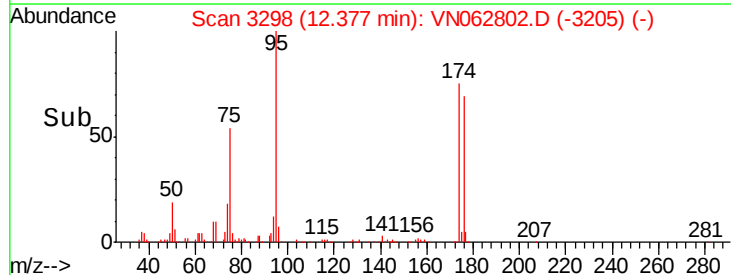
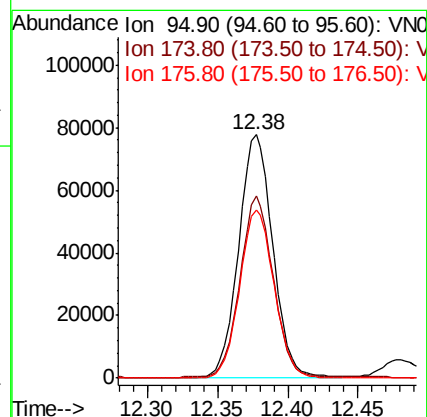
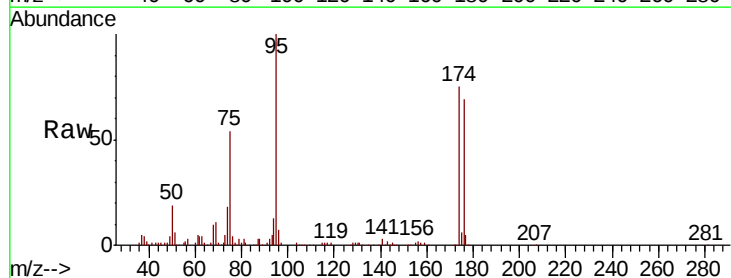
Tgt Ion: 95 Resp: 131370

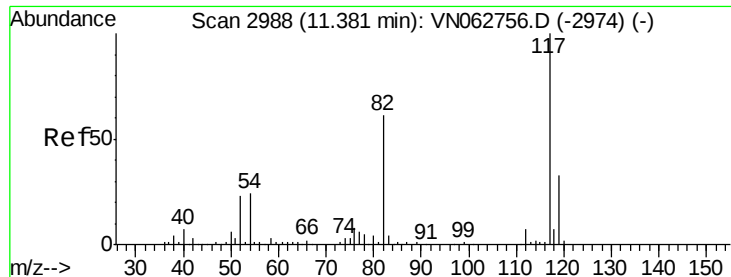
Ion Ratio Lower Upper

95 100

174 73.5 0.0 144.8

176 70.1 0.0 142.2

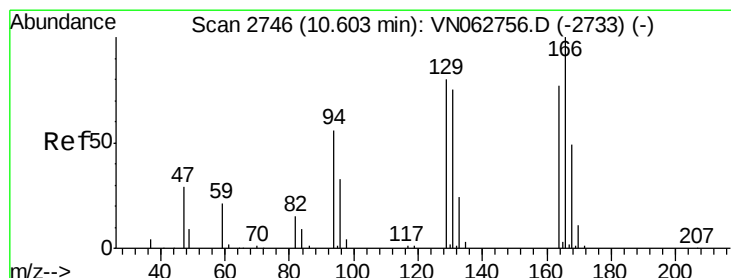
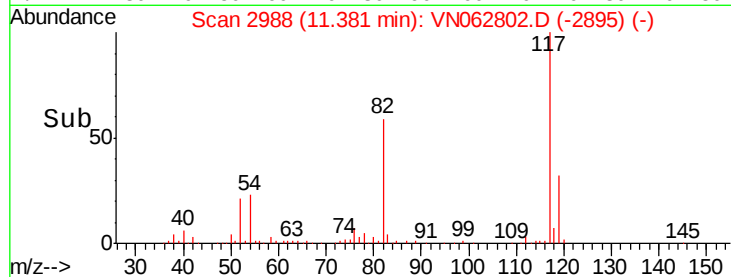
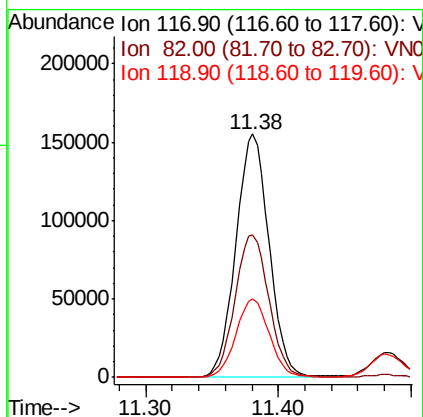
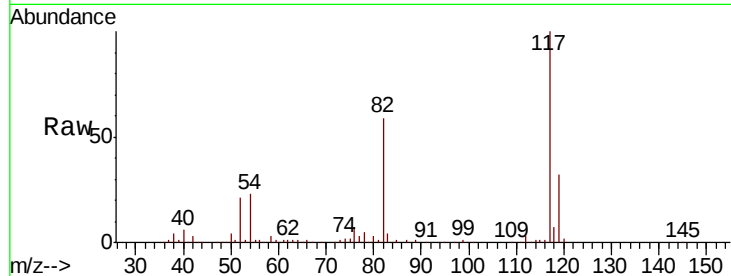




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

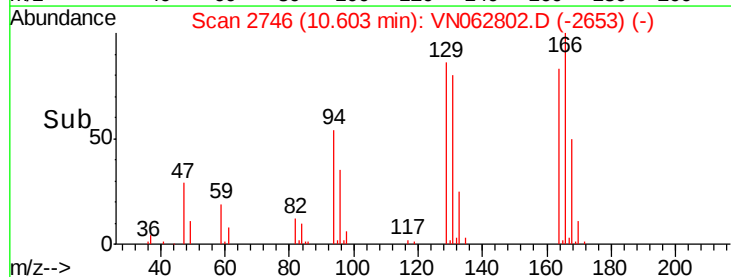
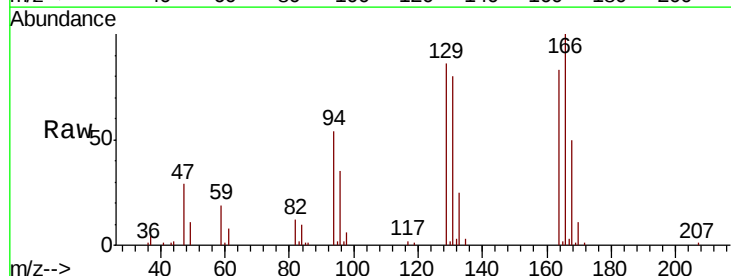
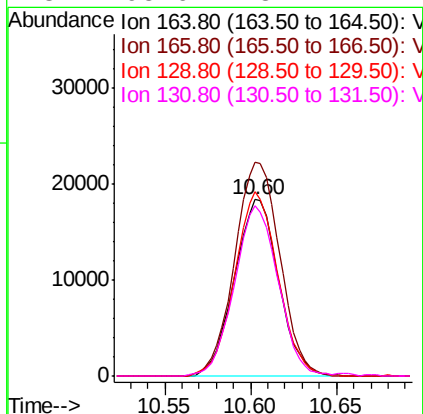
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBS01

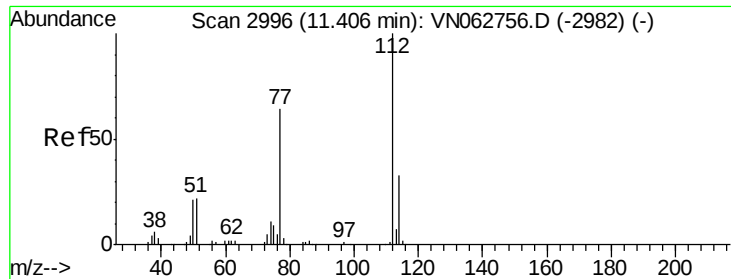
Tot Ion:117 Resp: 270006
Ion Ratio Lower Upper
117 100
82 58.7 49.0 73.4
119 32.3 26.2 39.2



#64
Tetrachloroethene
Concen: 18.821 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Tgt Ion:164 Resp: 32788
Ion Ratio Lower Upper
164 100
166 121.1 103.8 155.8
129 104.2 82.7 124.1
131 95.6 78.2 117.2





#65

Chlorobenzene

Concen: 17.852 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

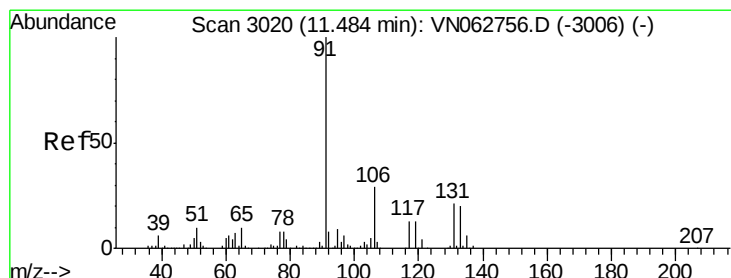
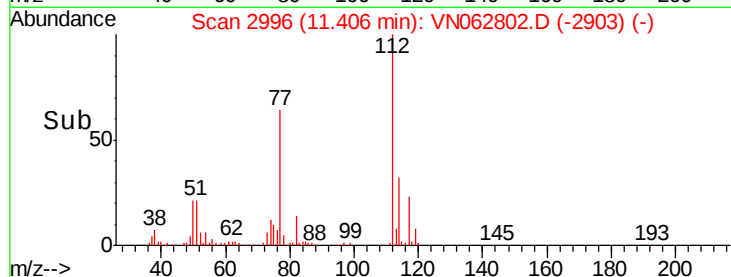
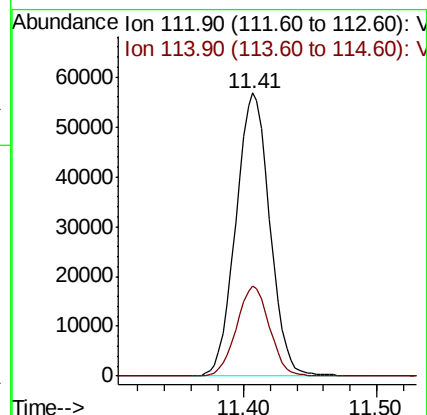
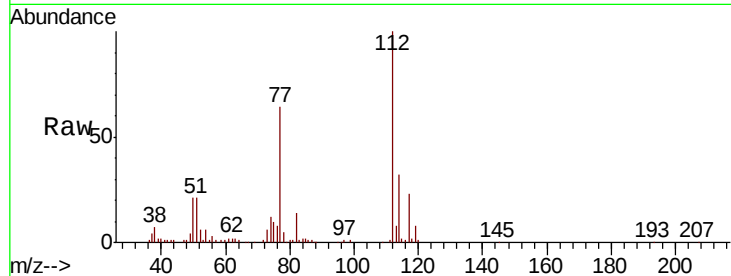
VN0810MBS01

Tot Ion:112 Resp: 100759

Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 17.773 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

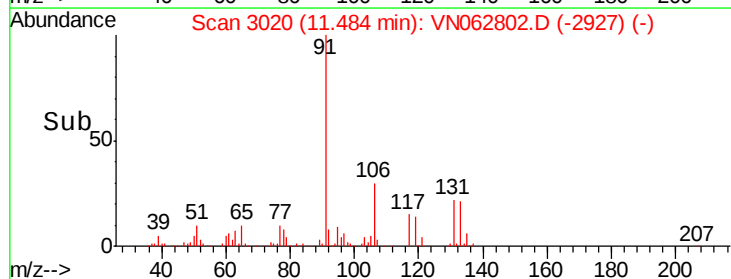
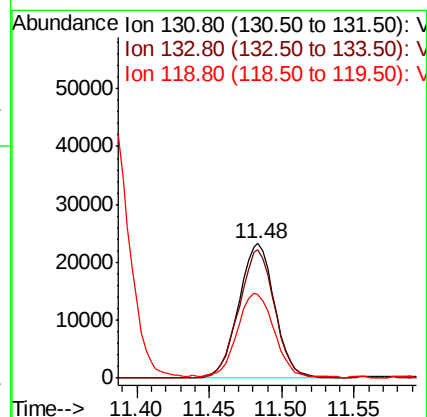
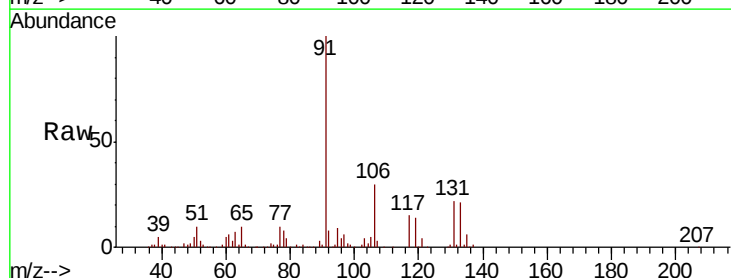
Tgt Ion:131 Resp: 40283

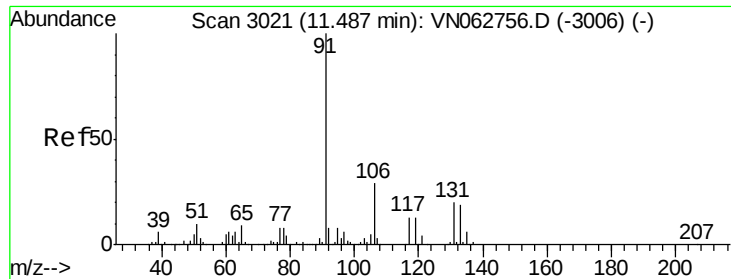
Ion Ratio Lower Upper

131 100

133 94.5 48.6 145.8

119 63.2 32.2 96.6





#67

Ethyl Benzene

Concen: 18.017 ug/l

RT: 11.49 min Scan# 3021

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

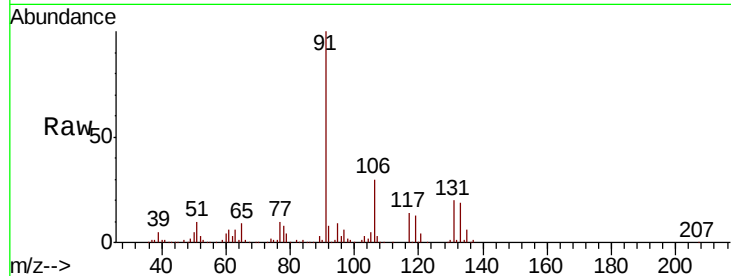
VN0810MBS01

Tot Ion: 91 Resp: 181971

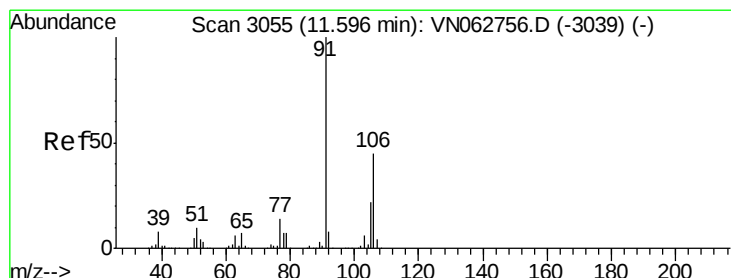
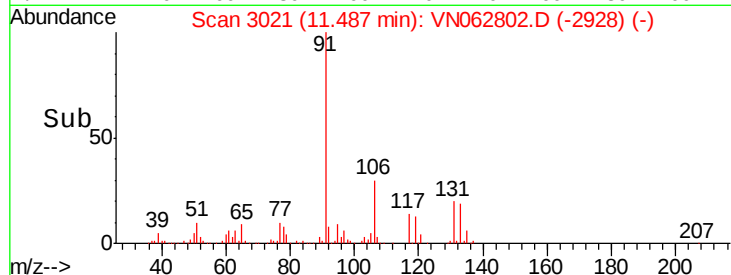
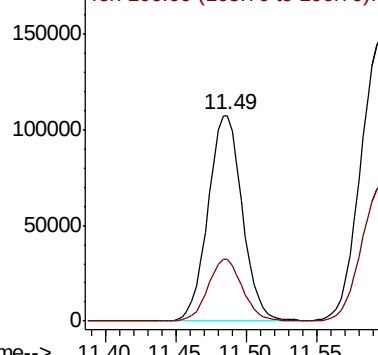
Ion Ratio Lower Upper

91 100

106 30.1 23.2 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN062802.D (-2928) (-)



#68

m/p-Xylenes

Concen: 37.636 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062802.D

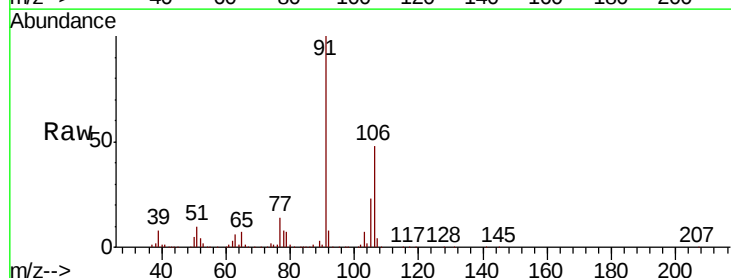
Acq: 10 Aug 2020 12:14

Tgt Ion: 106 Resp: 137986

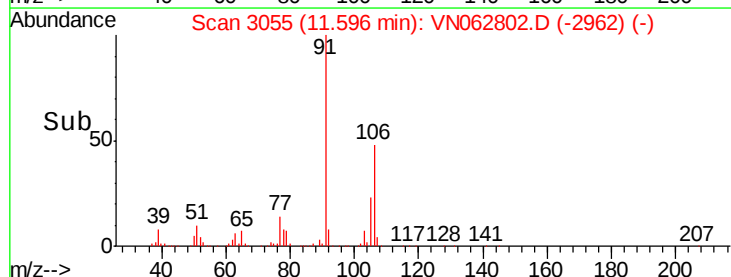
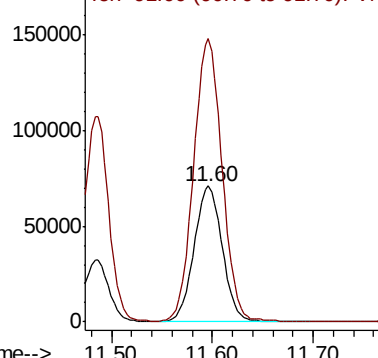
Ion Ratio Lower Upper

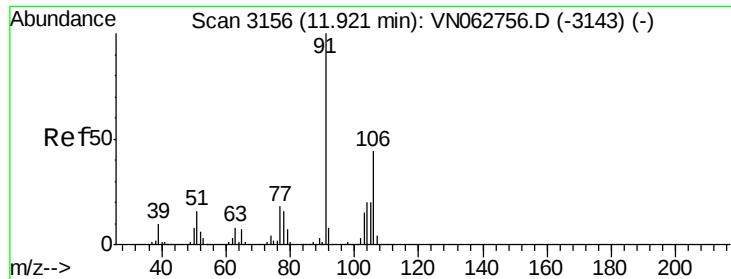
106 100

91 209.9 175.9 263.9



Abundance Ion 106.00 (105.70 to 106.70): VN062802.D (-2962) (-)

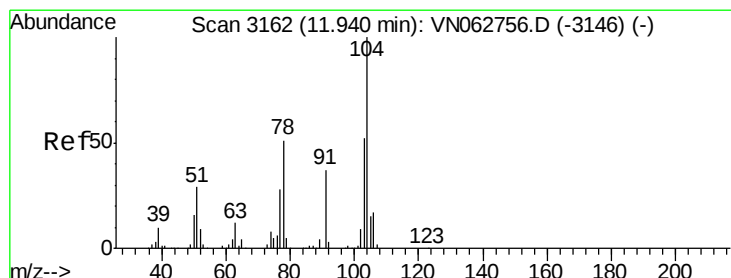
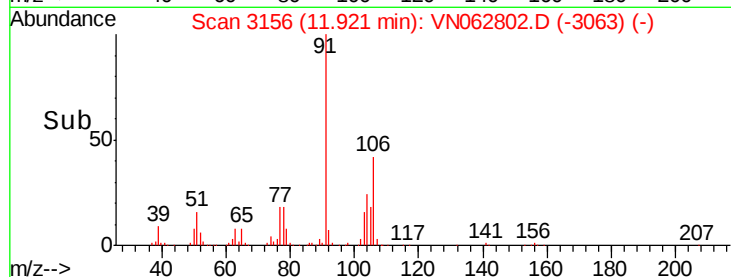
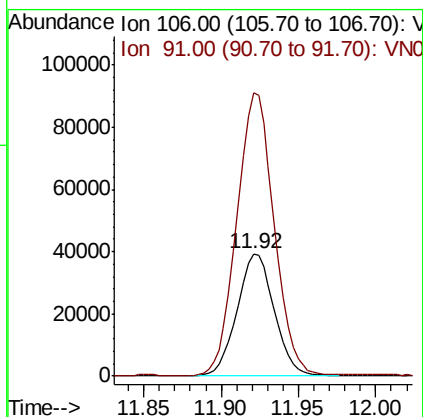
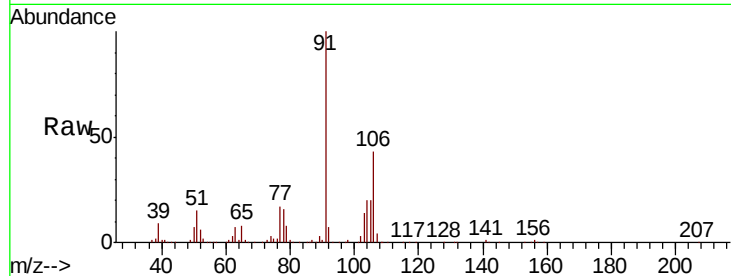




#69
o-Xylene
Concen: 19.125 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

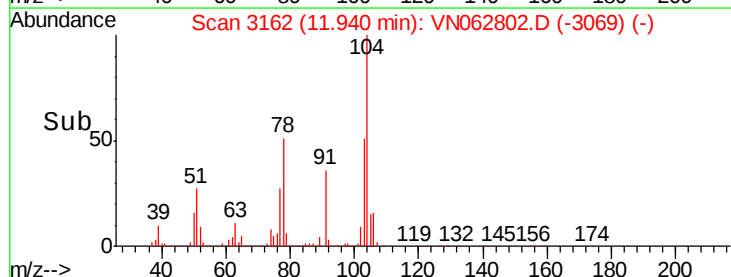
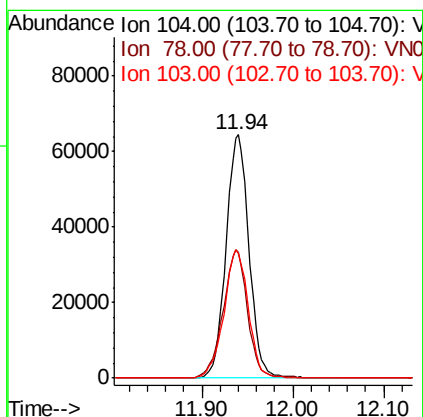
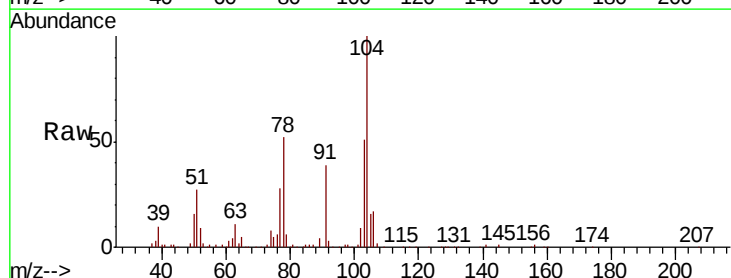
Instrument :
MSVOA_N
ClientSampled :
VN0810MBS01

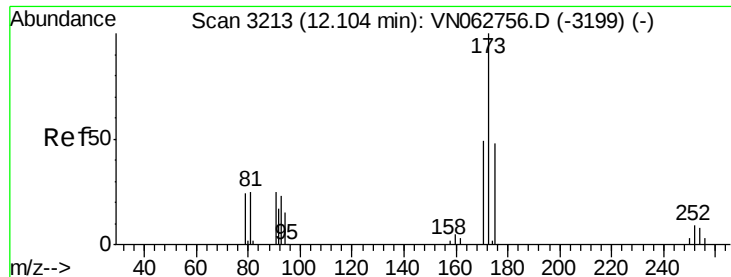
Tot Ion:106 Resp: 65711
Ion Ratio Lower Upper
106 100
91 232.0 115.8 347.4



#70
Styrene
Concen: 18.746 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Tgt Ion:104 Resp: 113212
Ion Ratio Lower Upper
104 100
78 55.7 45.9 68.9
103 55.8 45.1 67.7

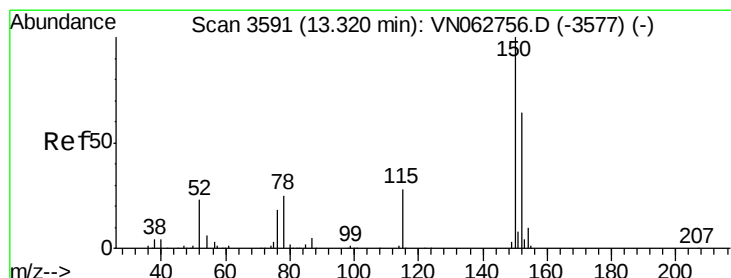
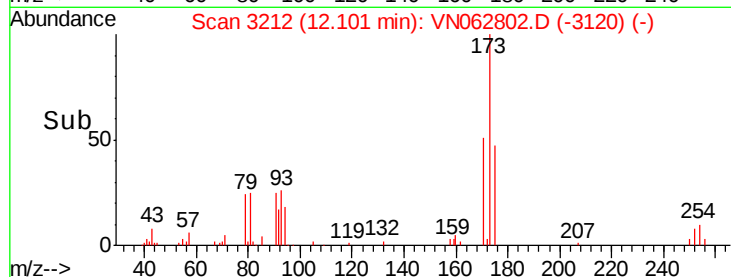
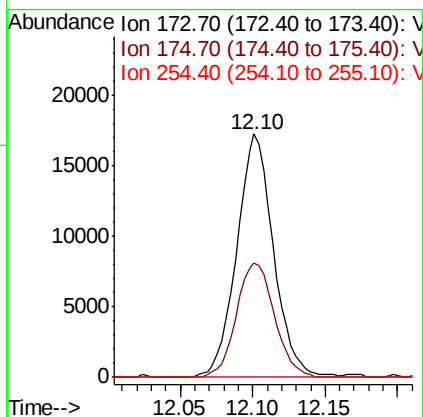
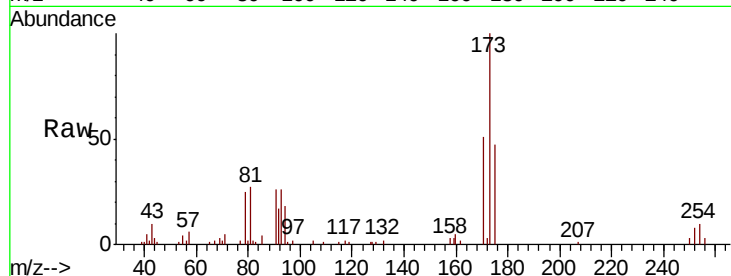




#71
Bromoform
Concen: 16.393 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

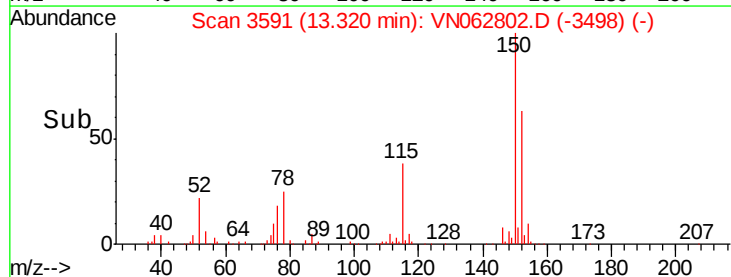
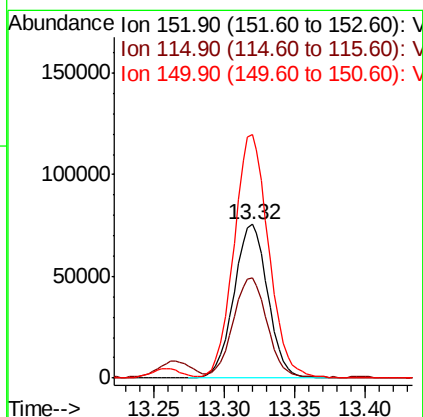
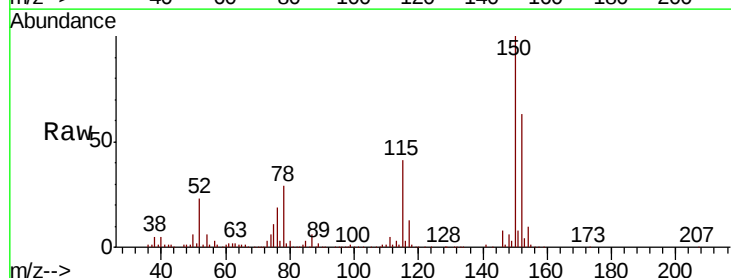
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBS01

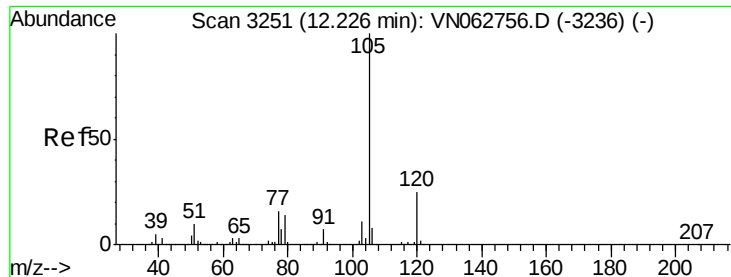
Tot Ion:173 Resp: 30401
Ion Ratio Lower Upper
173 100
175 48.5 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Tgt Ion:152 Resp: 126043
Ion Ratio Lower Upper
152 100
115 64.3 31.6 94.8
150 163.6 0.0 349.2





#73

Isopropylbenzene

Concen: 19.366 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

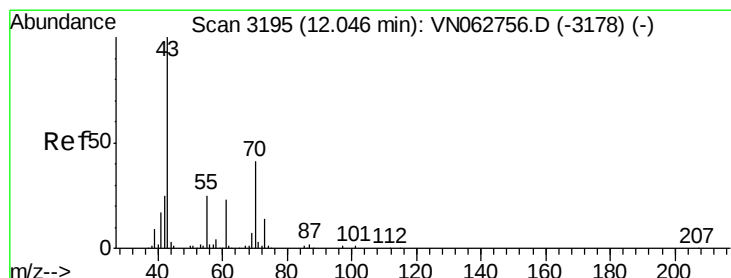
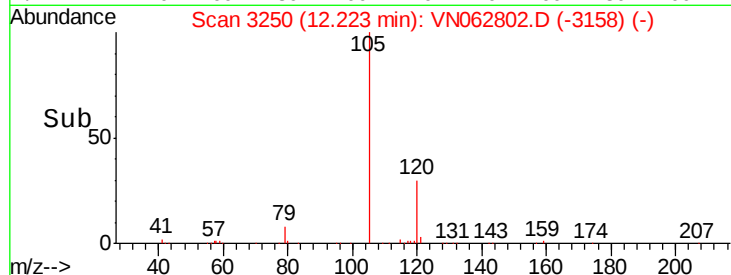
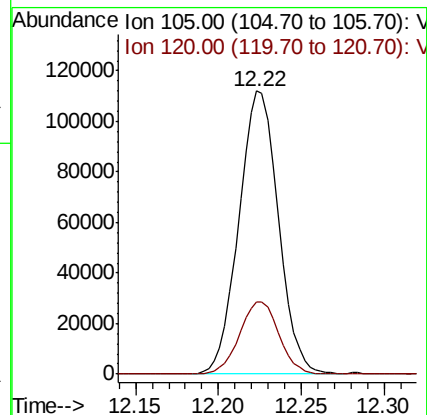
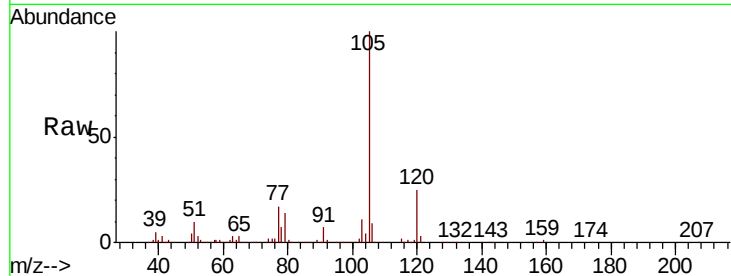
VN0810MBS01

Tot Ion:105 Resp: 183806

Ion Ratio Lower Upper

105 100

120 25.9 12.6 37.8



#74

N-ethyl acetate

Concen: 18.958 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Tgt Ion: 43 Resp: 72917

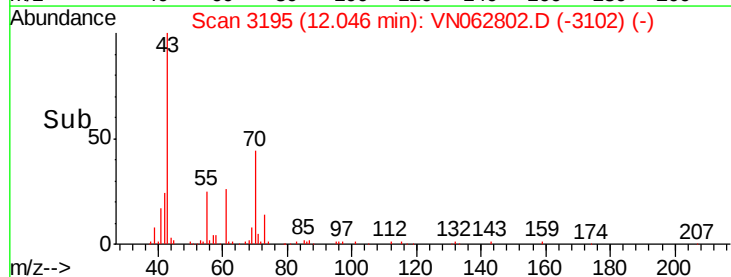
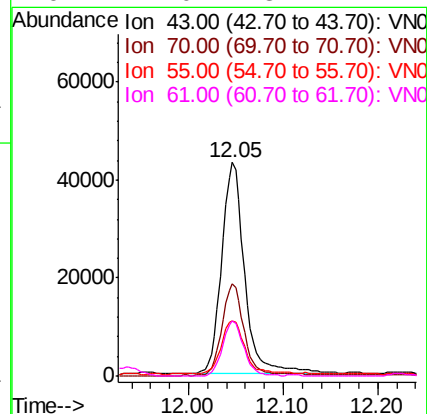
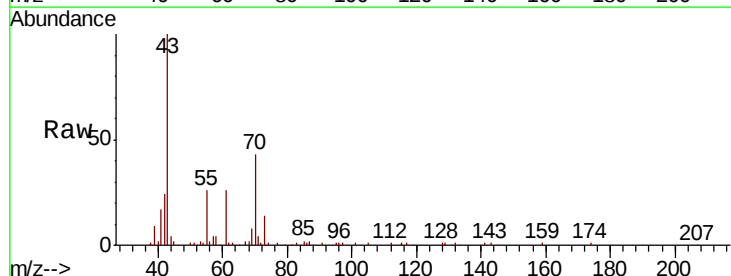
Ion Ratio Lower Upper

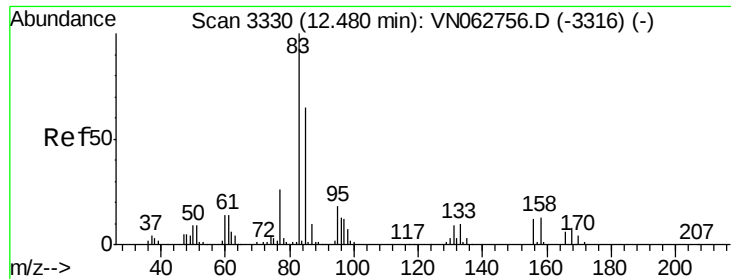
43 100

70 42.0 32.3 48.5

55 25.3 20.2 30.2

61 24.0 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.359 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

VN0810MBS01

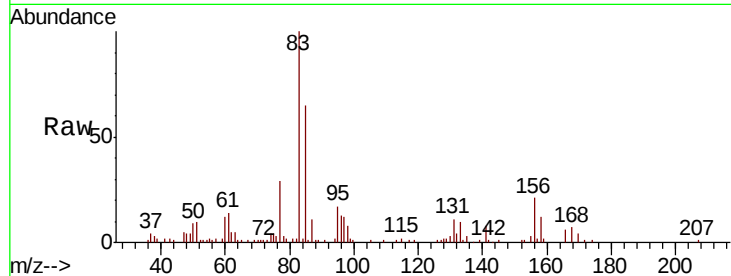
Tot Ion: 83 Resp: 57998

Ion Ratio Lower Upper

83 100

131 11.9 5.1 15.4

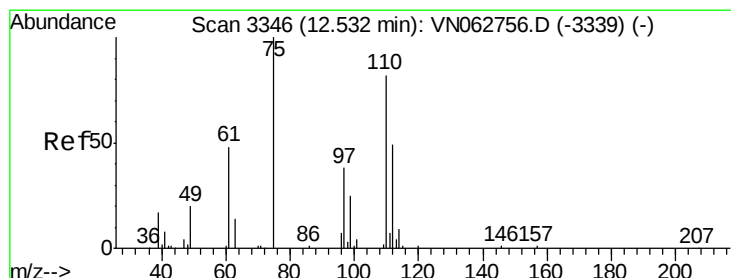
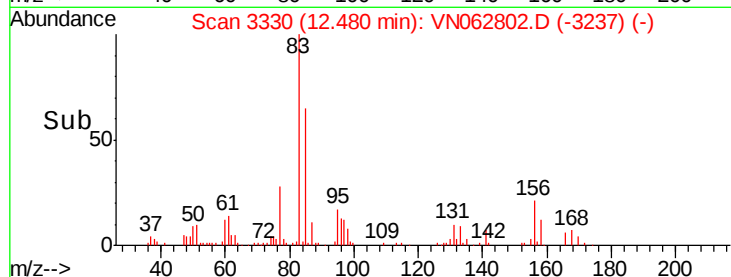
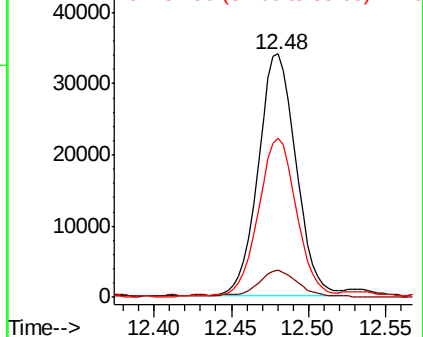
85 65.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 23.373 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062802.D

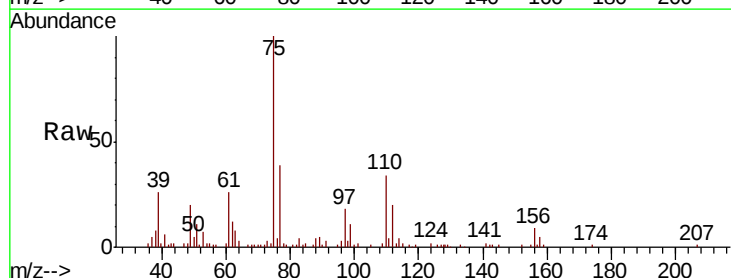
Acq: 10 Aug 2020 12:14

Tgt Ion: 75 Resp: 79449

Ion Ratio Lower Upper

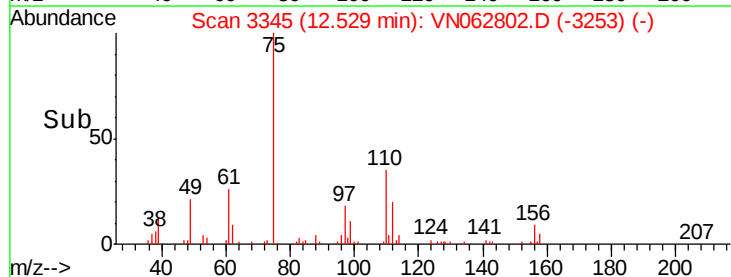
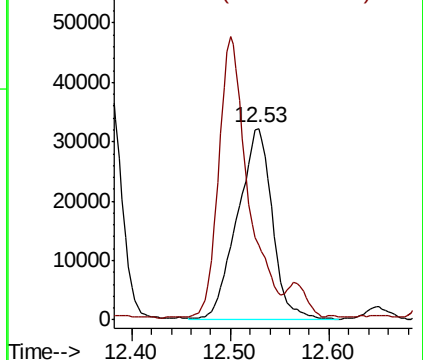
75 100

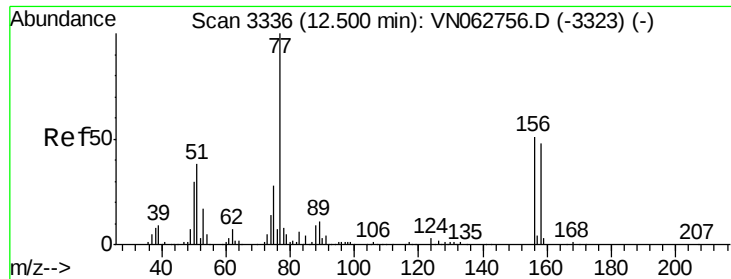
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.591 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0810MBS01

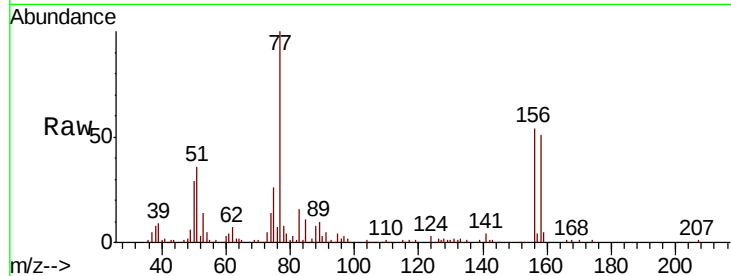
Tot Ion:156 Resp: 43842

Ion Ratio Lower Upper

156 100

77 222.6 119.7 359.1

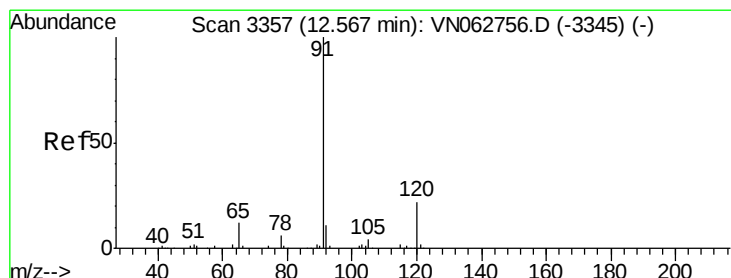
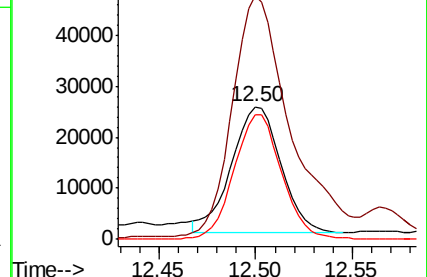
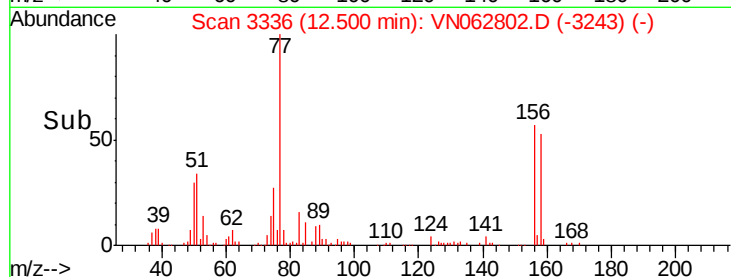
158 95.7 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.165 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062802.D

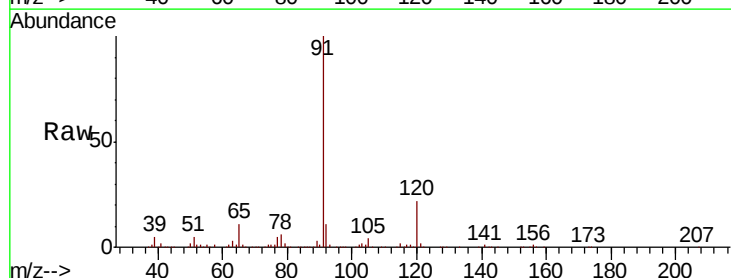
Acq: 10 Aug 2020 12:14

Tgt Ion: 91 Resp: 213518

Ion Ratio Lower Upper

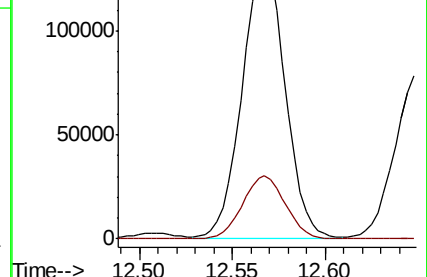
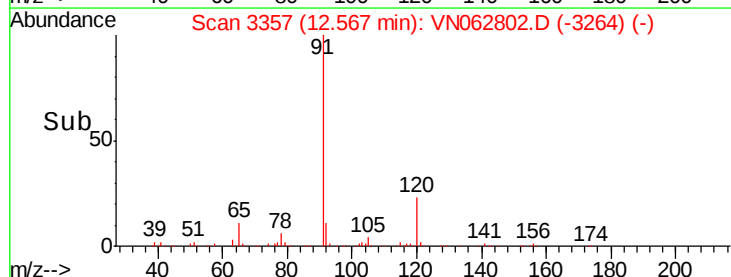
91 100

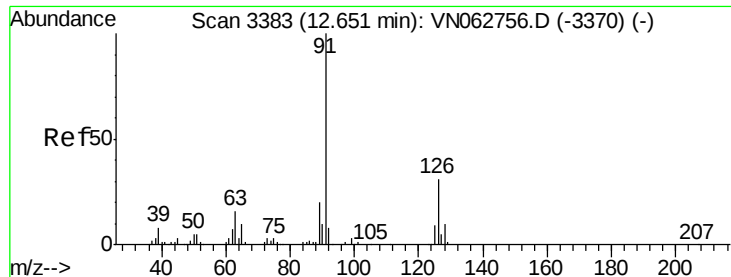
120 22.8 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.779 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

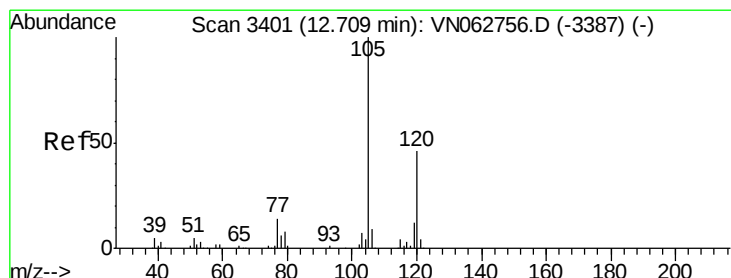
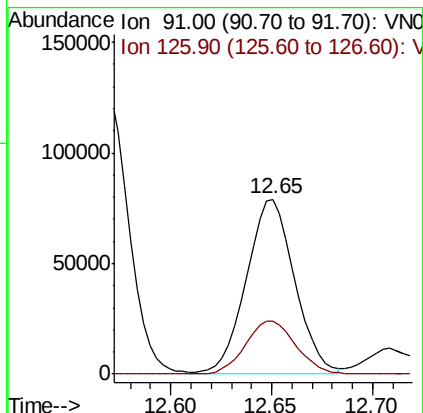
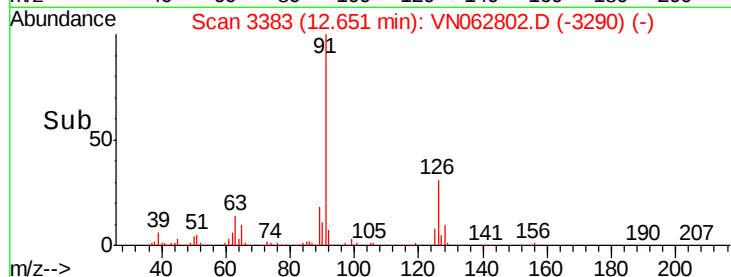
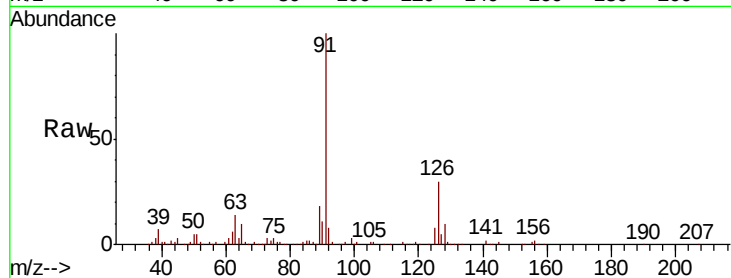
VN0810MBS01

Tot Ion: 91 Resp: 131198

Ion Ratio Lower Upper

91 100

126 32.1 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 19.237 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062802.D

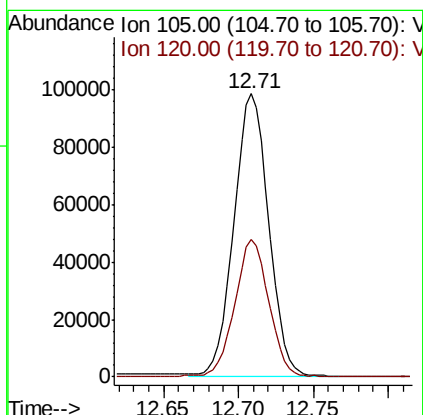
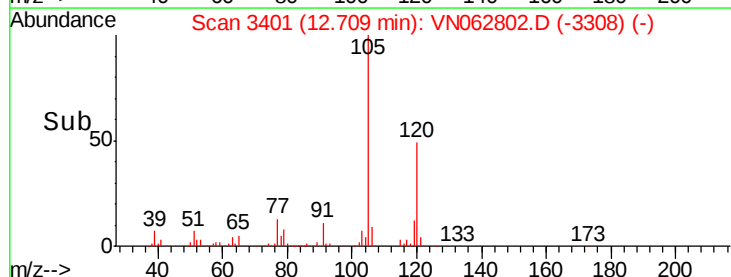
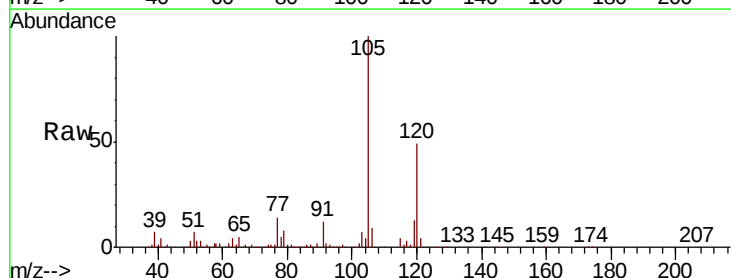
Acq: 10 Aug 2020 12:14

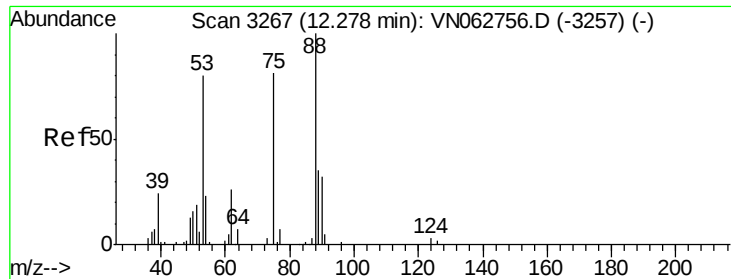
Tgt Ion:105 Resp: 158398

Ion Ratio Lower Upper

105 100

120 48.1 22.9 68.5

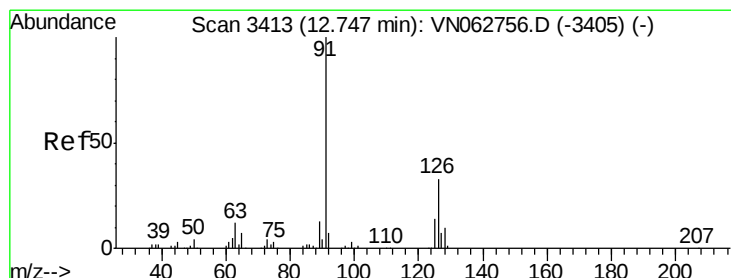
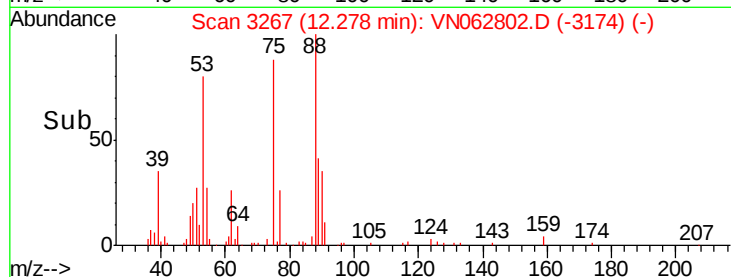
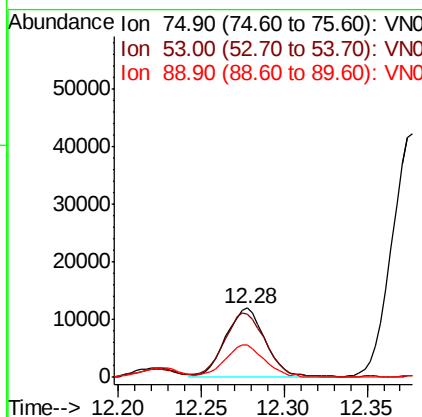
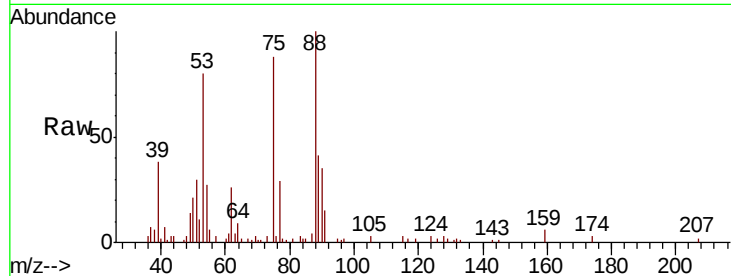




#81
trans-1,4-Dichloro-2-butene
Concen: 17.681 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

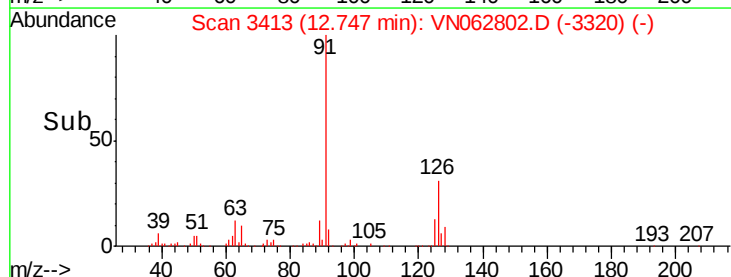
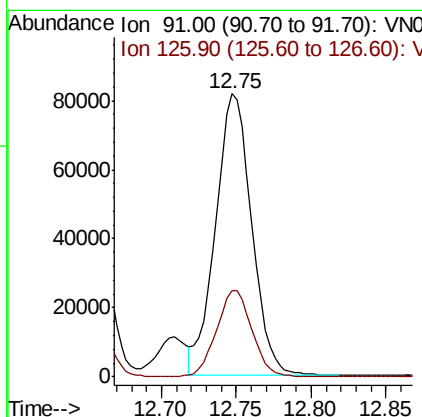
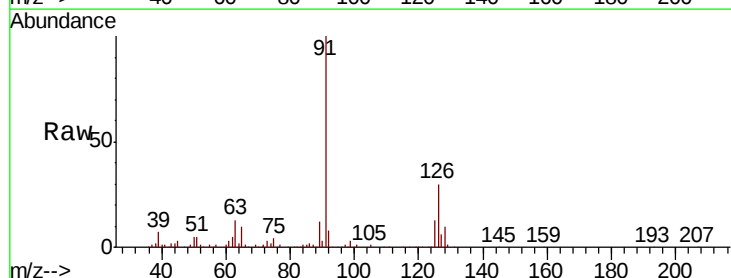
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBS01

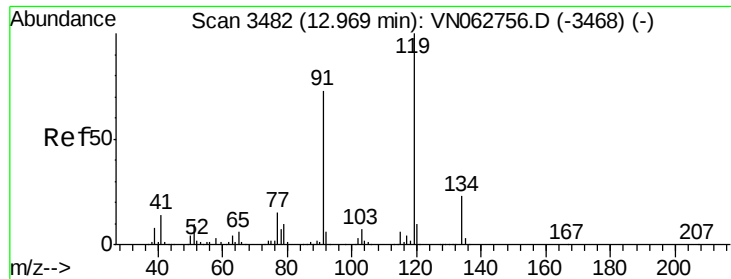
Tot Ion: 75 Resp: 19688
Ion Ratio Lower Upper
75 100
53 97.3 79.1 118.7
89 47.4 36.2 54.2



#82
4-Chlorotoluene
Concen: 19.079 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Tgt Ion: 91 Resp: 137365
Ion Ratio Lower Upper
91 100
126 30.1 15.3 45.9

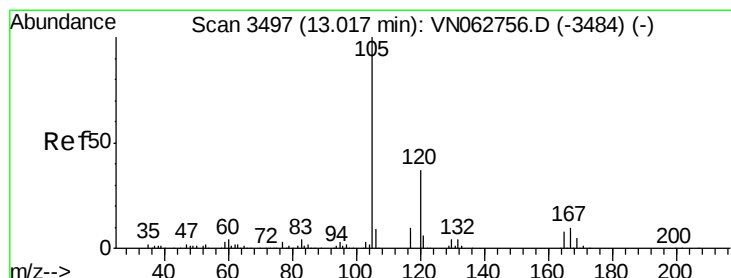
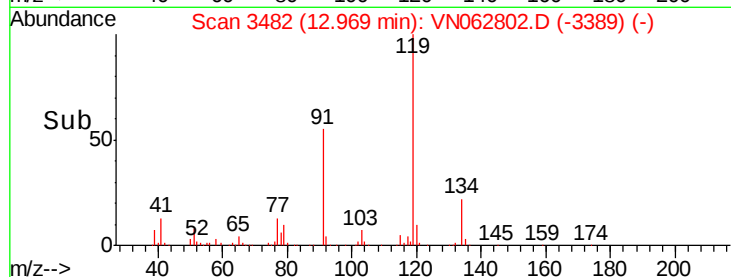
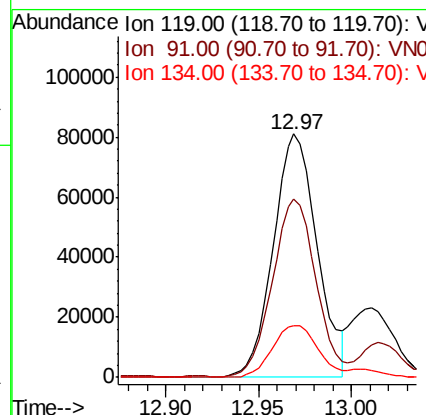
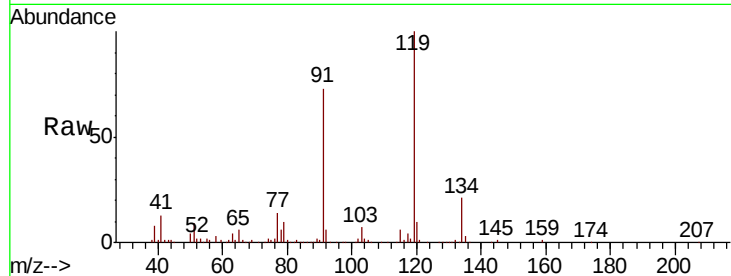




#83
tert-Butylbenzene
Concen: 19.255 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

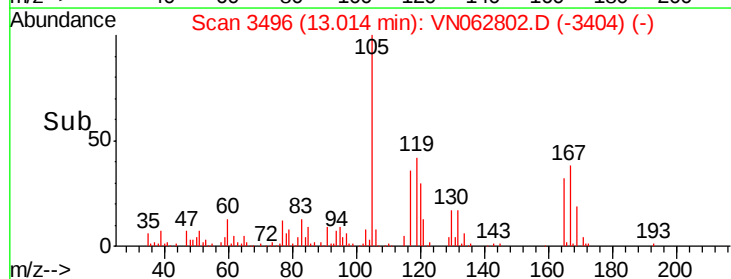
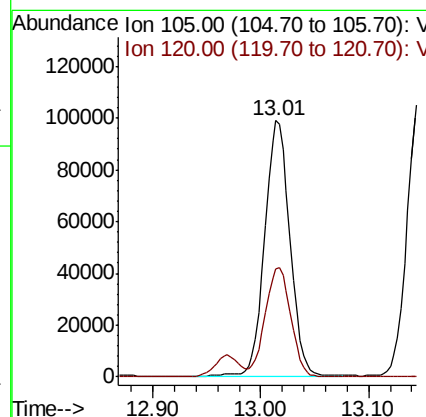
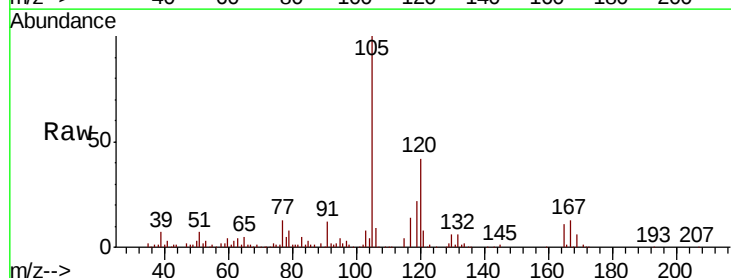
Instrument :
MSVOA_N
ClientSampled :
VN0810MBS01

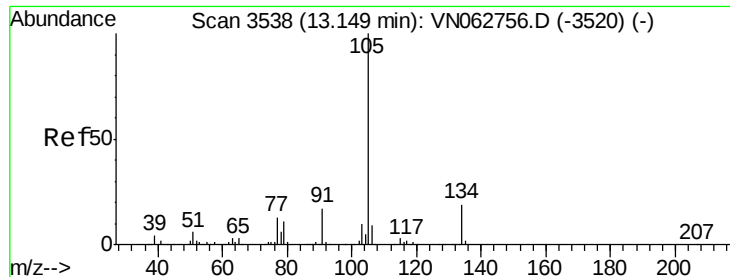
Tot Ion:119 Resp: 134158
Ion Ratio Lower Upper
119 100
91 71.9 36.5 109.5
134 22.3 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 20.309 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062802.D
Acq: 10 Aug 2020 12:14

Tgt Ion:105 Resp: 159977
Ion Ratio Lower Upper
105 100
120 43.4 21.4 64.2





#85

sec-Butylbenzene

Concen: 19.221 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

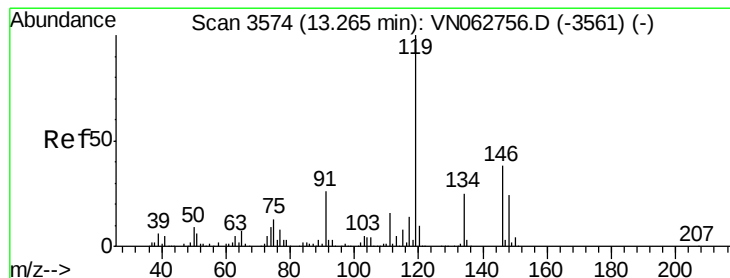
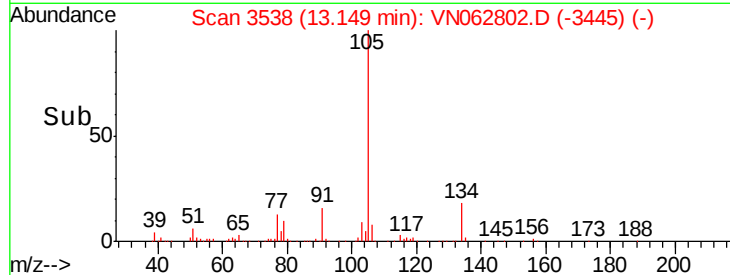
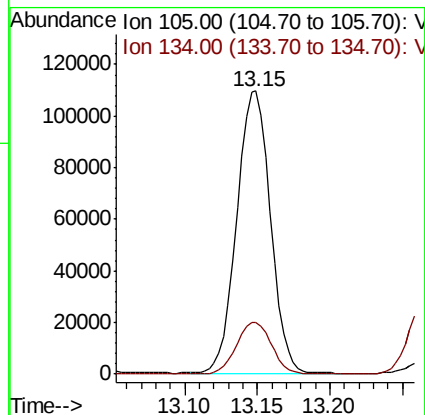
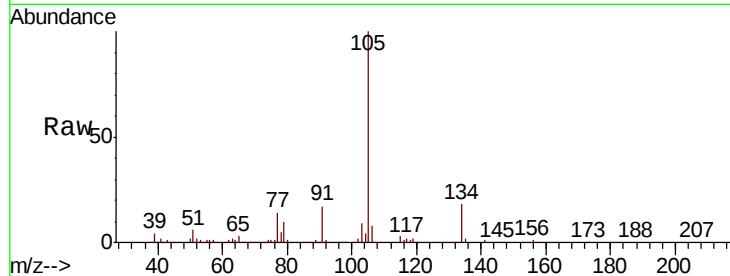
VN0810MBS01

Tot Ion:105 Resp: 175861

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.6



#86

p-Isopropyltoluene

Concen: 19.591 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

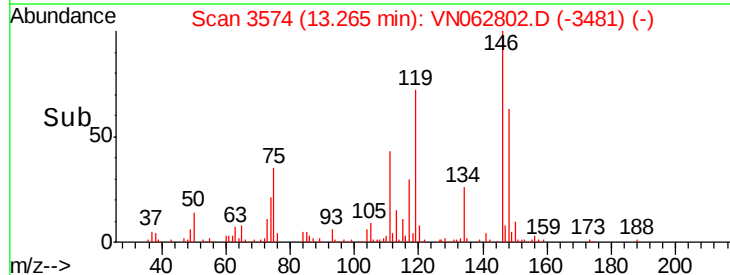
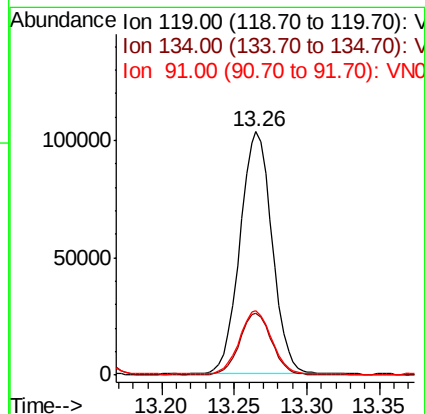
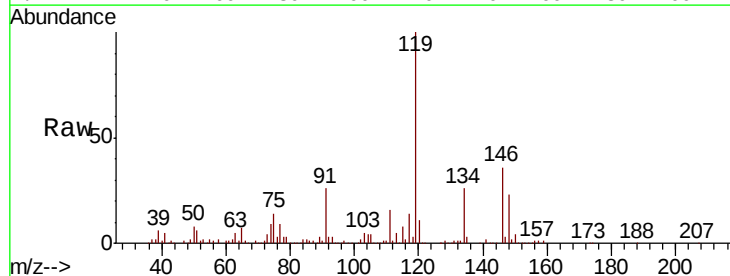
Tgt Ion:119 Resp: 159107

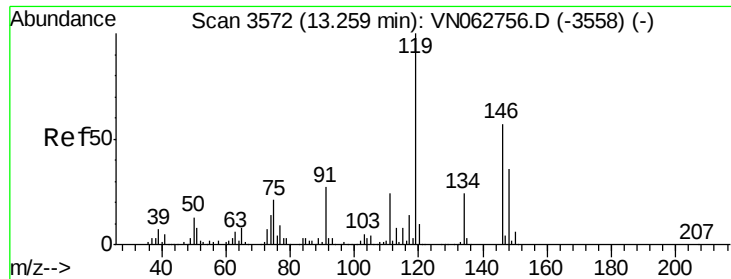
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 26.1 13.4 40.2

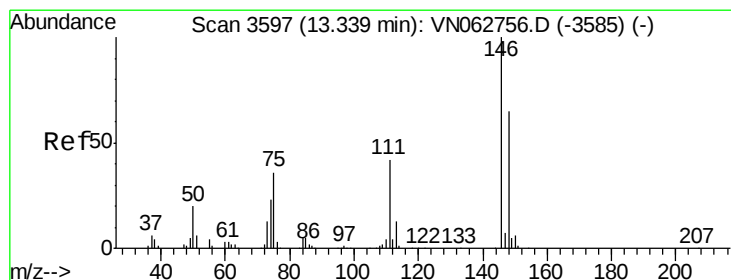
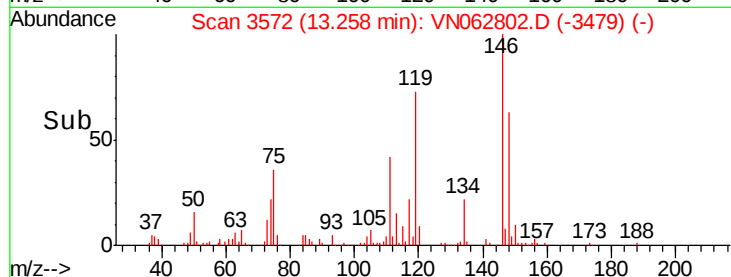
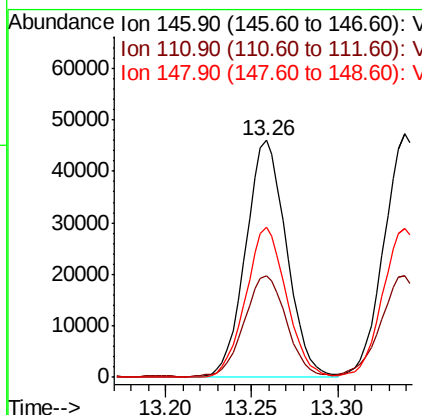
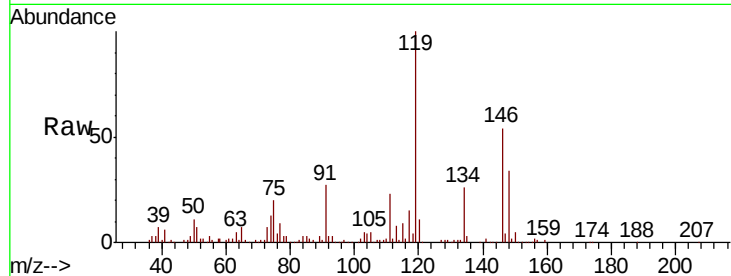




#87
 1,3-Dichlorobenzene
 Concen: 18.011 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

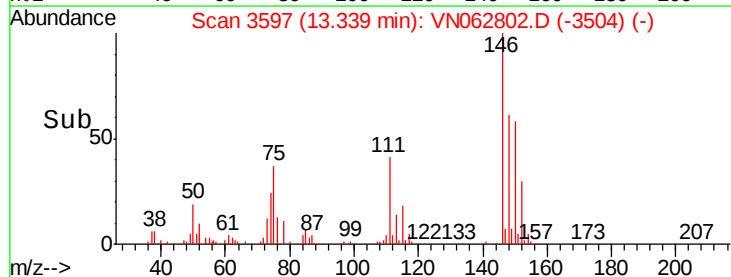
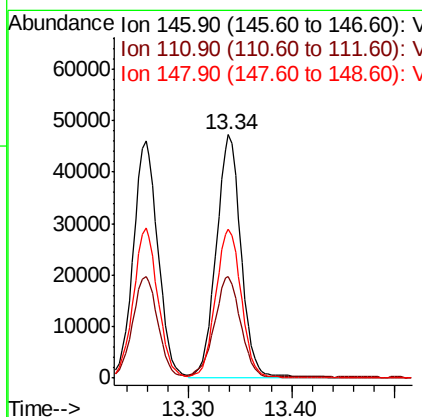
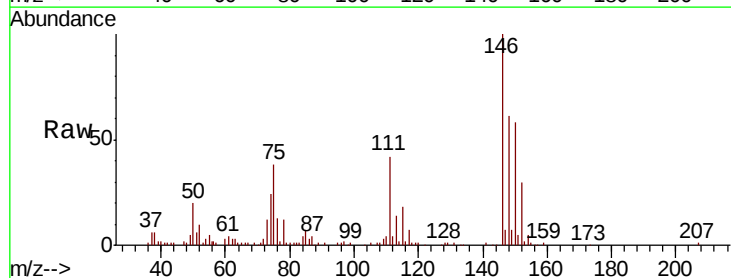
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810MBS01

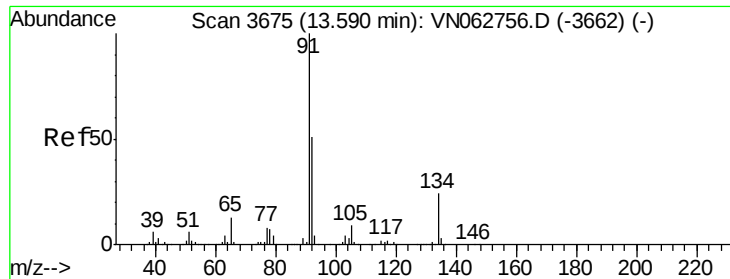
Tot Ion:146 Resp: 75876
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.7 65.1
 148 63.0 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 18.709 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

Tgt Ion:146 Resp: 79055
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.6 64.6
 148 63.2 32.6 97.8





#89

n-Butylbenzene

Concen: 20.762 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampled :

VN0810MBS01

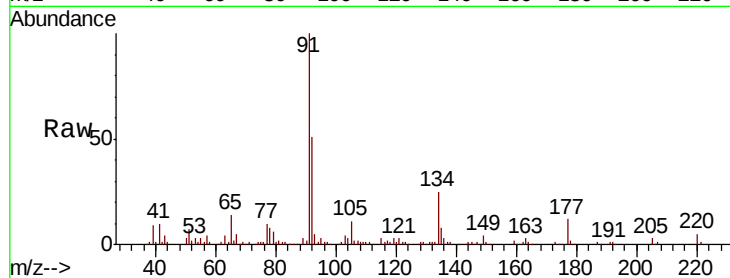
Tot Ion: 91 Resp: 142608

Ion Ratio Lower Upper

91 100

92 50.6 25.7 77.0

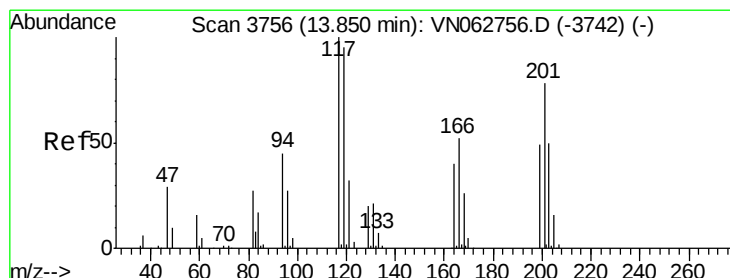
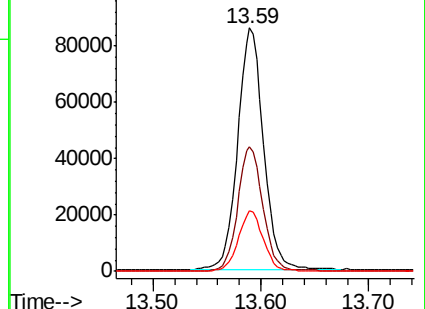
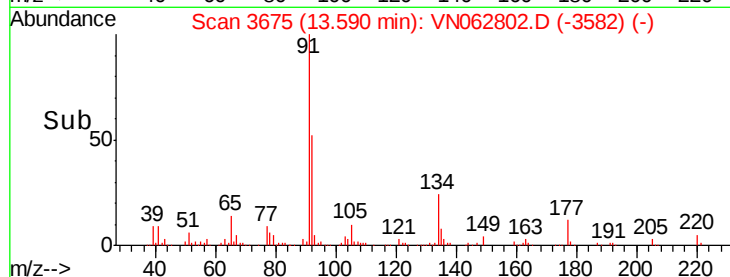
134 23.7 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN062802.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062802.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062802.D (-3582) (-)



#90

Hexachloroethane

Concen: 17.094 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062802.D

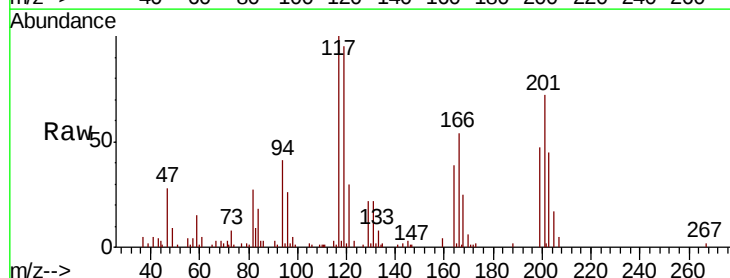
Acq: 10 Aug 2020 12:14

Tgt Ion: 117 Resp: 29924

Ion Ratio Lower Upper

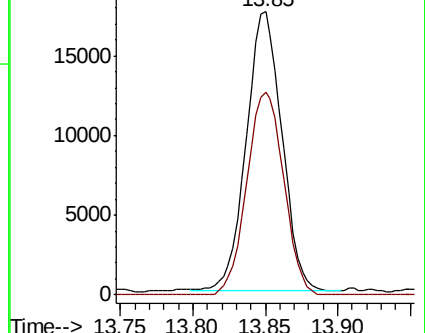
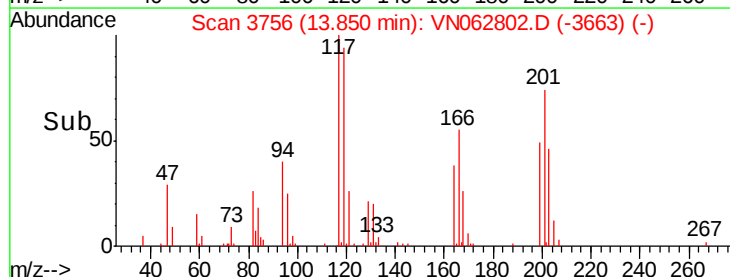
117 100

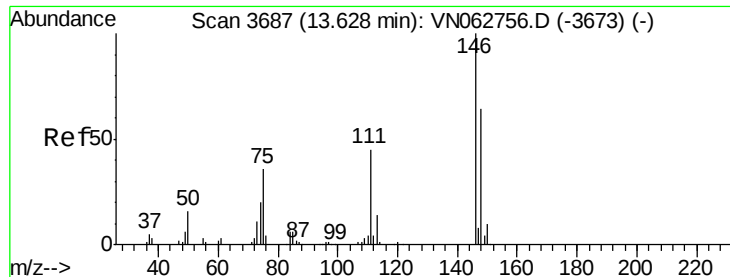
201 75.3 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062802.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062802.D (-3663) (-)





#91

1,2-Dichlorobenzene

Concen: 18.745 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0810MBS01

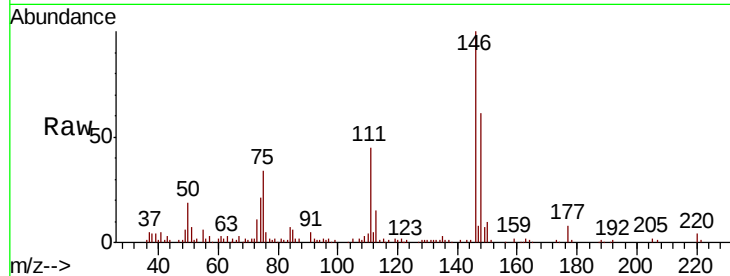
Tot Ion:146 Resp: 74037

Ion Ratio Lower Upper

146 100

111 46.3 22.8 68.4

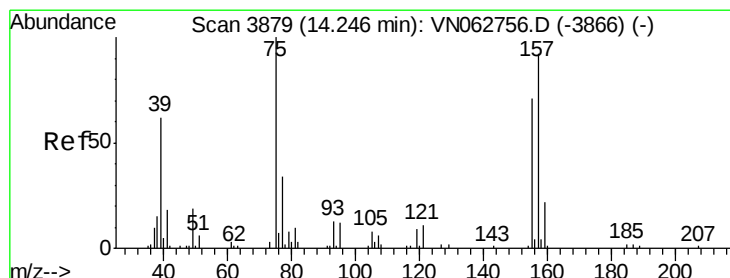
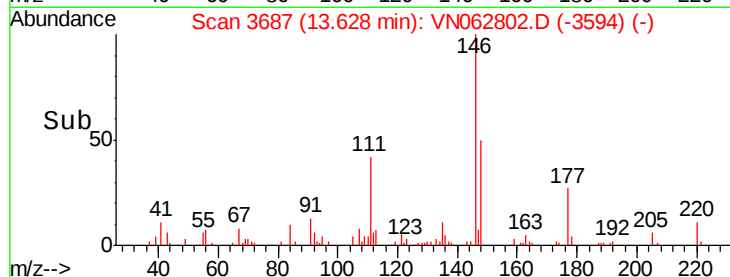
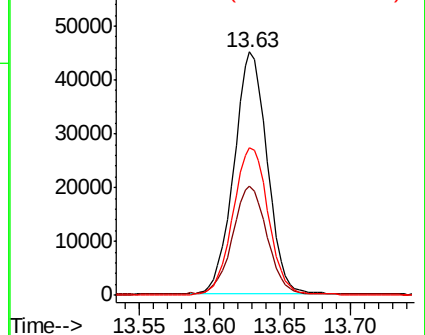
148 65.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.586 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

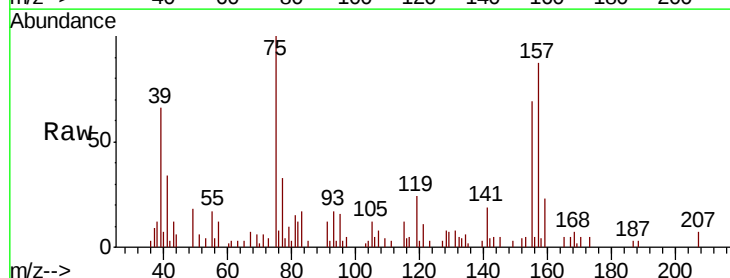
Tgt Ion: 75 Resp: 12614

Ion Ratio Lower Upper

75 100

155 73.9 35.0 105.1

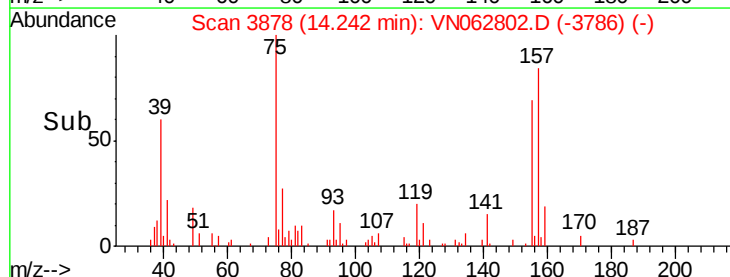
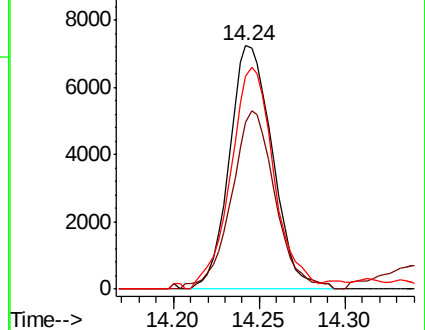
157 91.5 43.2 129.6

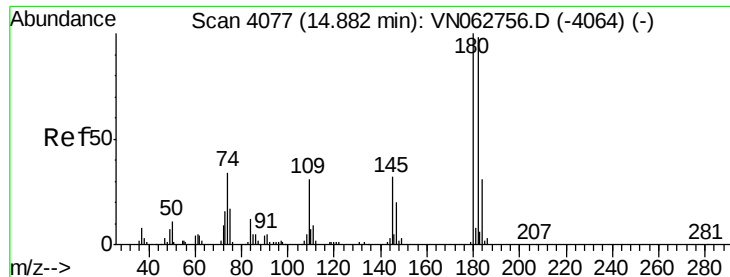


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

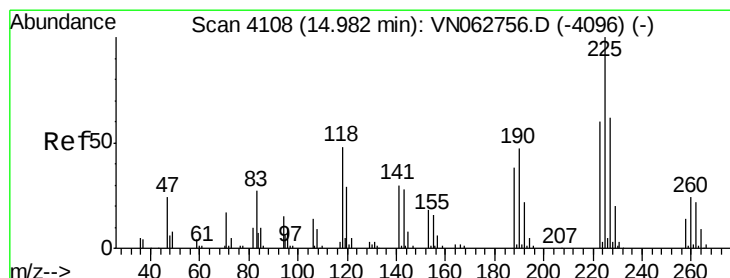
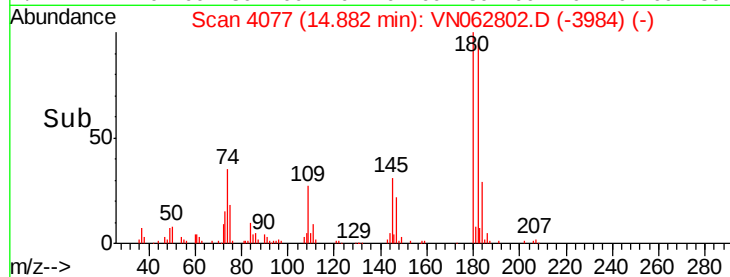
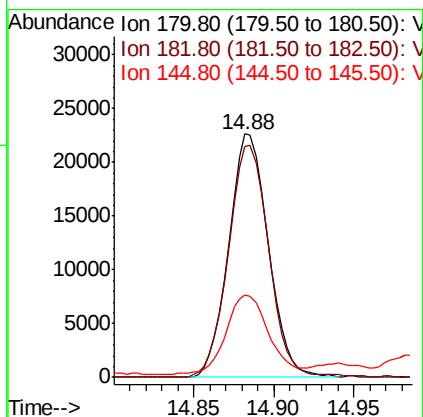
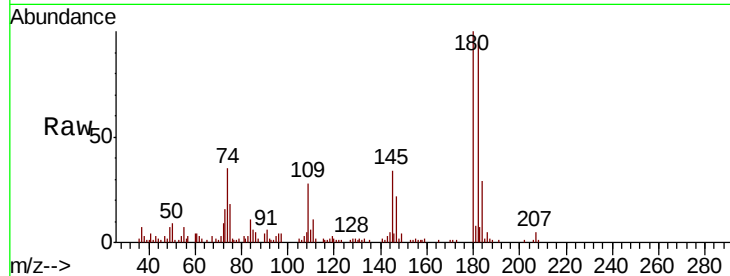




#93
 1,2,4-Trichlorobenzene
 Concen: 20.080 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

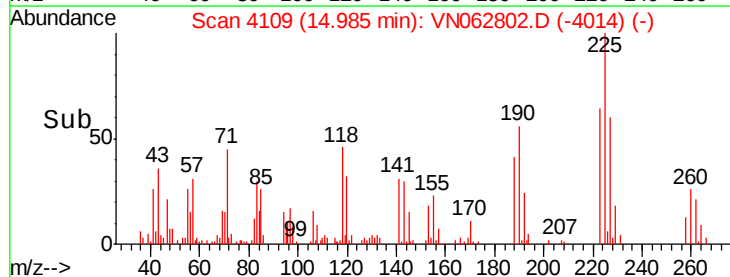
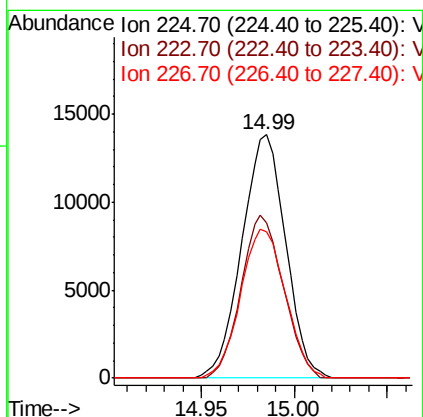
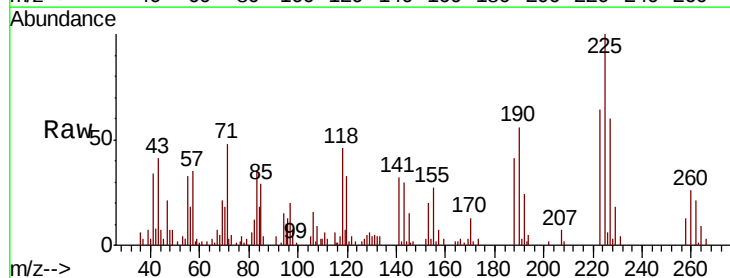
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810MBS01

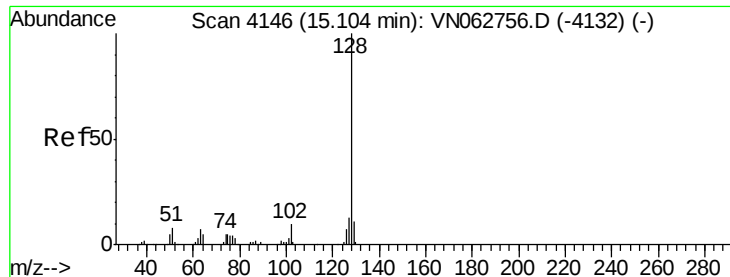
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	49.1	147.4
145	34.5	16.3	48.8



#94
 Hexachlorobutadiene
 Concen: 17.253 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062802.D
 Acq: 10 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	30.6	92.0
227	62.7	31.6	95.0





#95

Naphthalene

Concen: 22.482 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0810MBS01

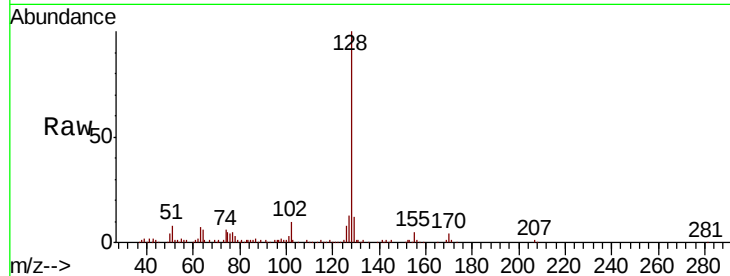
Tot Ion:128 Resp: 117497

Ion Ratio Lower Upper

128 100

127 14.2 10.8 16.2

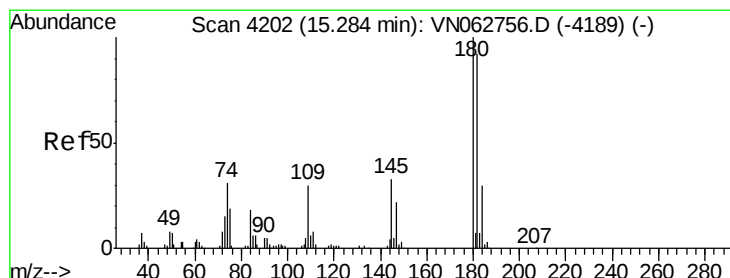
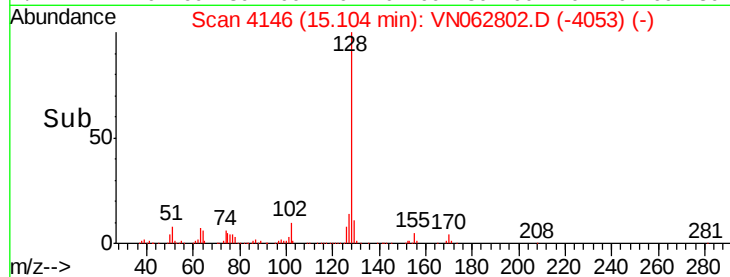
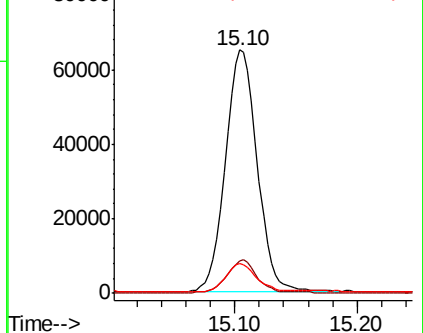
129 11.5 8.8 13.2



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: 20.709 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062802.D

Acq: 10 Aug 2020 12:14

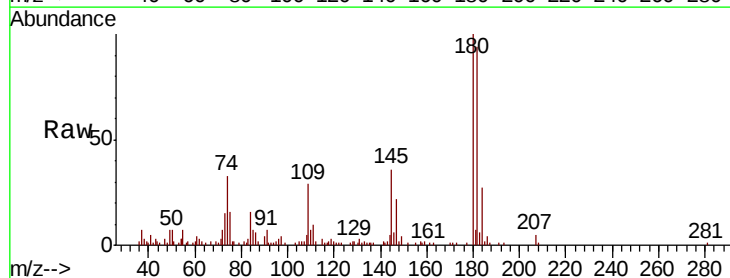
Tgt Ion:180 Resp: 39744

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.6

145 34.7 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

