

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080520\
 Data File : VN062754.D
 Acq On : 5 Aug 2020 11:26
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 05 12:41:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 12:39:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	153508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	245963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	228009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	98932	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	14067	5.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.70%	
35) Dibromofluoromethane	7.55	113	9120	5.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.28%	
50) Toluene-d8	10.06	98	34118	5.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.58%	
62) 4-Bromofluorobenzene	12.38	95	11637	4.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.80%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	10266	5.318	ug/l 98
3) Chloromethane	2.04	50	10651	4.381	ug/l 94
4) Vinyl Chloride	2.16	62	9823	4.604	ug/l 99
5) Bromomethane	2.51	94	7521	7.421	ug/l 97
6) Chloroethane	2.65	64	6924	6.766	ug/l 97
7) Trichlorofluoromethane	2.98	101	18610	6.969	ug/l 98
8) Diethyl Ether	3.37	74	5663	4.932	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	9213	5.778	ug/l 99
10) Methyl Iodide	3.91	142	7423	3.698	ug/l # 94
11) Tert butyl alcohol	4.75	59	10843	27.772	ug/l # 85
12) 1,1-Dichloroethene	3.69	96	8717	5.455	ug/l 90
13) Acrolein	3.57	56	7356	21.761	ug/l 98
14) Allyl chloride	4.27	41	15541	4.596	ug/l 96
15) Acrylonitrile	4.94	53	25071	24.877	ug/l 97
16) Acetone	3.78	43	24138	26.872	ug/l 100
17) Carbon Disulfide	4.01	76	26814	5.187	ug/l 96
18) Methyl Acetate	4.29	43	12700	5.580	ug/l # 72
19) Methyl tert-butyl Ether	4.99	73	30051	4.969	ug/l 95
20) Methylene Chloride	4.49	84	5169	2.466	ug/l # 92
21) trans-1,2-Dichloroethene	4.98	96	4892	2.763	ug/l 98
22) Diisopropyl ether	5.90	45	29542	4.310	ug/l # 85
23) Vinyl Acetate	5.85	43	123885	22.586	ug/l 96
24) 1,1-Dichloroethane	5.80	63	19685	5.299	ug/l 99
25) 2-Butanone	6.79	43	33263	24.525	ug/l 99
26) 2,2-Dichloropropane	6.77	77	16978	5.461	ug/l # 69
27) cis-1,2-Dichloroethene	6.78	96	9995	4.918	ug/l 95
28) Bromochloromethane	7.15	49	8456	4.665	ug/l # 96
29) Tetrahydrofuran	7.17	42	21630	23.675	ug/l 98
30) Chloroform	7.33	83	20201	5.615	ug/l 95
31) Cyclohexane	7.62	56	18434	5.360	ug/l # 76
32) 1,1,1-Trichloroethane	7.53	97	18472	6.061	ug/l 98
36) 1,1-Dichloropropene	7.75	75	13303	5.158	ug/l 97
37) Ethyl Acetate	6.88	43	14002	5.079	ug/l # 85
38) Carbon Tetrachloride	7.73	117	15823	6.234	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080520\
 Data File : VN062754.D
 Acq On : 5 Aug 2020 11:26
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC005

Quant Time: Aug 05 12:41:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 12:39:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	14322	5.074	ug/l	98
40) Benzene	8.00	78	40239	5.189	ug/l	99
41) Methacrylonitrile	7.13	41	5971	4.879	ug/l #	53
42) 1,2-Dichloroethane	8.09	62	17192	5.907	ug/l	95
43) Isopropyl Acetate	8.13	43	22558	5.069	ug/l	97
44) Trichloroethene	8.80	130	9906	5.607	ug/l	99
45) 1,2-Dichloropropane	9.08	63	10591	4.867	ug/l	100
46) Dibromomethane	9.17	93	7192	5.623	ug/l	100
47) Bromodichloromethane	9.37	83	15049	5.368	ug/l	94
48) Methyl methacrylate	9.17	41	10906	5.108	ug/l	94
49) 1,4-Dioxane	9.17	88	3881	113.604	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	69156	25.515	ug/l	98
52) Toluene	10.12	92	24256	5.330	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	16166	5.217	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	16550	5.048	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	9641	5.405	ug/l	96
56) Ethyl methacrylate	10.40	69	13906	4.887	ug/l	96
57) 1,3-Dichloropropane	10.68	76	17127	5.269	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	21063	26.259	ug/l	98
59) 2-Hexanone	10.72	43	49869	25.736	ug/l	98
60) Dibromochloromethane	10.88	129	11285	5.619	ug/l	97
61) 1,2-Dibromoethane	10.98	107	10009	5.405	ug/l	99
64) Tetrachloroethene	10.60	164	8631	5.833	ug/l	92
65) Chlorobenzene	11.41	112	26164	5.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	10713	5.880	ug/l	97
67) Ethyl Benzene	11.48	91	45353	5.190	ug/l	99
68) m/p-Xylenes	11.60	106	32025	10.171	ug/l	98
69) o-Xylene	11.92	106	15396	5.139	ug/l	97
70) Styrene	11.94	104	24651	4.852	ug/l	99
71) Bromoform	12.10	173	7876	5.690	ug/l #	95
73) Isopropylbenzene	12.23	105	41368	5.311	ug/l	99
74) N-amyl acetate	12.05	43	14691	4.319	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	14923	5.532	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	19986	7.900	ug/l #	100
77) Bromobenzene	12.50	156	10381	5.535	ug/l	95
78) n-propylbenzene	12.57	91	47468	5.213	ug/l	98
79) 2-Chlorotoluene	12.65	91	30666	5.451	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	34785	5.359	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	4431	4.897	ug/l	92
82) 4-Chlorotoluene	12.75	91	30799	5.256	ug/l	99
83) tert-Butylbenzene	12.97	119	30012	5.559	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	32921	5.168	ug/l	99
85) sec-Butylbenzene	13.15	105	38599	5.343	ug/l	99
86) p-Isopropyltoluene	13.26	119	32816	5.251	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	17524	5.283	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	17344	5.332	ug/l	93
89) n-Butylbenzene	13.59	91	26751	5.001	ug/l	98
90) Hexachloroethane	13.85	117	8072	6.064	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	16391	5.200	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2999	5.901	ug/l	92

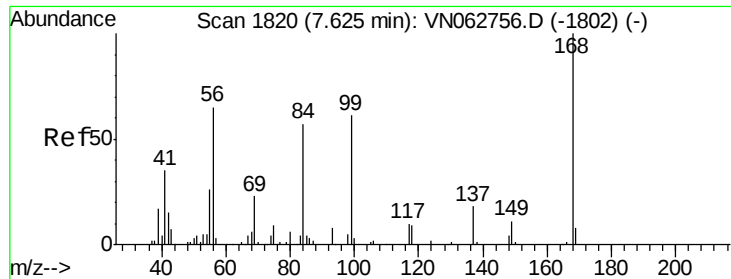
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080520\
Data File : VN062754.D
Acq On : 5 Aug 2020 11:26
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Aug 05 12:41:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 12:39:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	5553	3.800	ug/l	94
94) Hexachlorobutadiene	14.99	225	5895	6.123	ug/l	98
95) Naphthalene	15.10	128	13072	3.243	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	5722	3.841	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: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

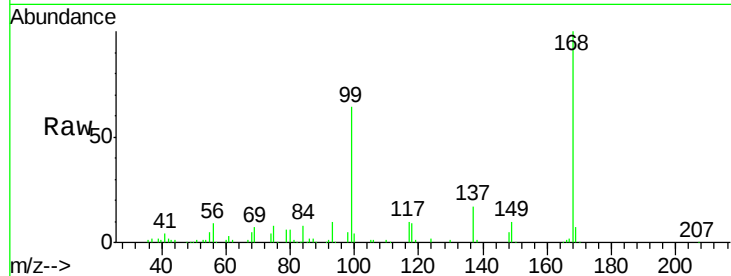
VSTDIC005

Tgt Ion: 168 Resp: 153508

Ion Ratio Lower Upper

168 100

99 64.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

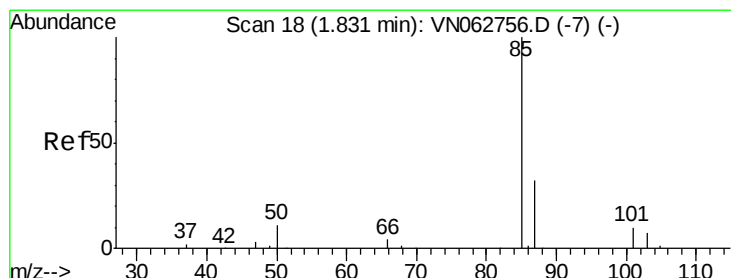
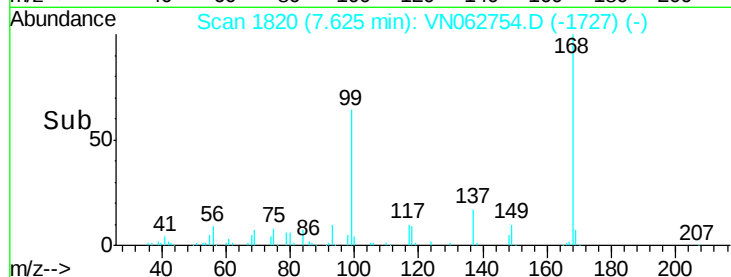
40000

20000

0

Time-->

7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 5.318 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062754.D

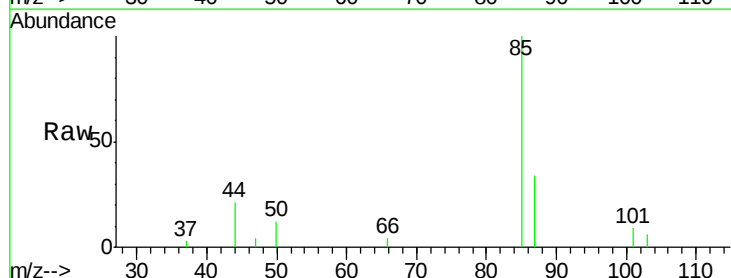
Acq: 5 Aug 2020 11:26

Tgt Ion: 85 Resp: 10266

Ion Ratio Lower Upper

85 100

87 33.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

8000

6000

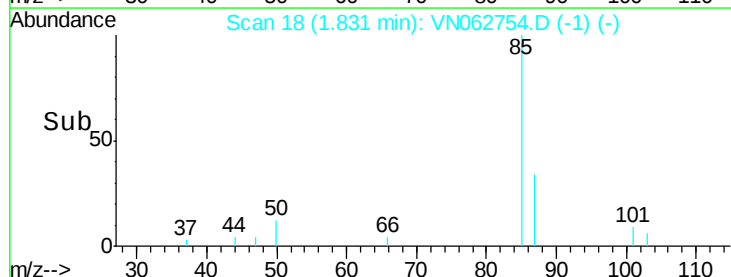
4000

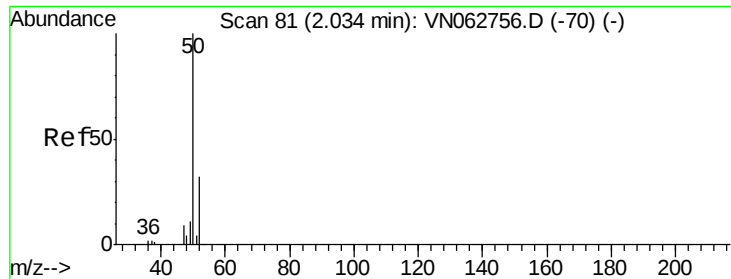
2000

0

Time-->

1.80 1.85





#3

Chloromethane

Concen: 4.381 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

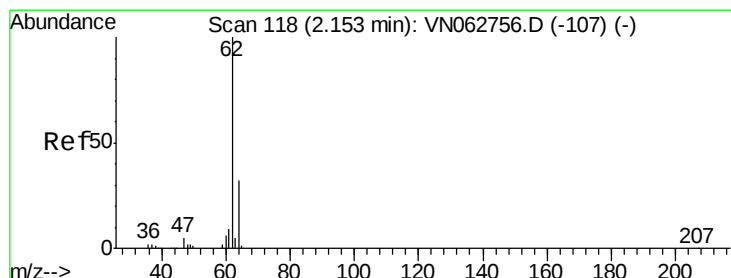
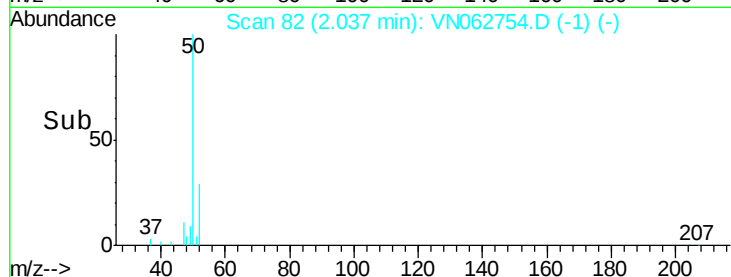
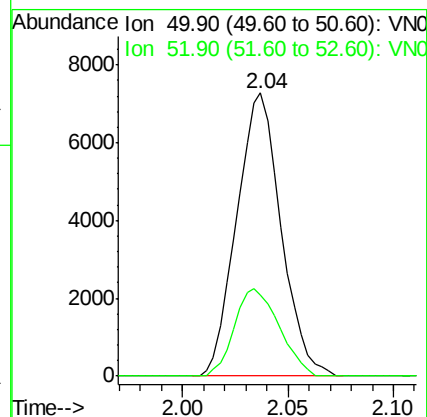
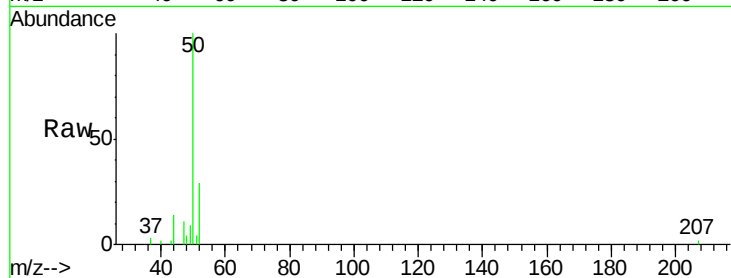
VSTDIC005

Tgt Ion: 50 Resp: 10651

Ion Ratio Lower Upper

50 100

52 28.6 25.6 38.4



#4

Vinyl Chloride

Concen: 4.604 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062754.D

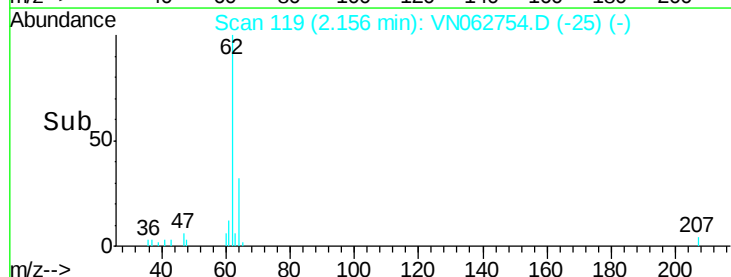
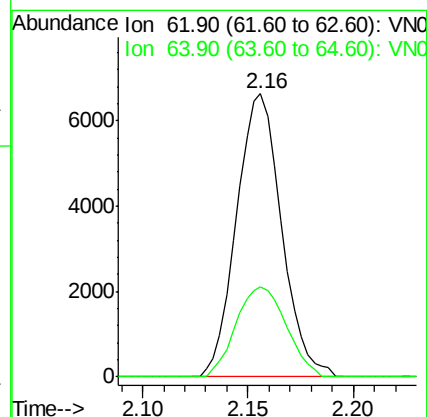
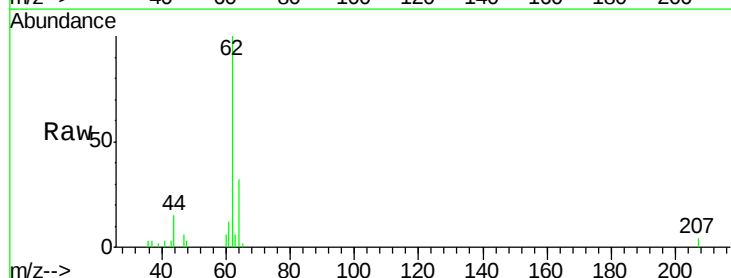
Acq: 5 Aug 2020 11:26

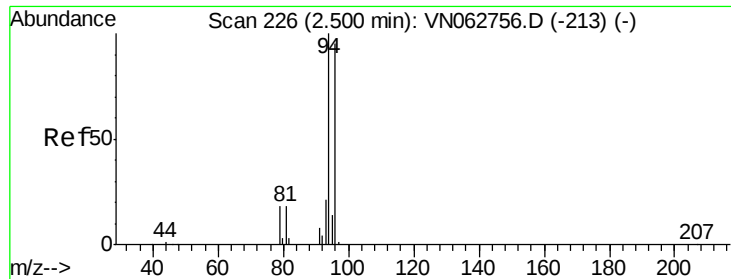
Tgt Ion: 62 Resp: 9823

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 7.421 ug/l

RT: 2.51 min Scan# 228

Delta R.T. 0.01 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

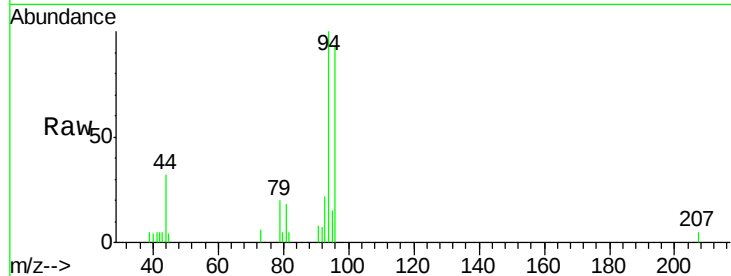
VSTDIC005

Tgt Ion: 94 Resp: 7521

Ion Ratio Lower Upper

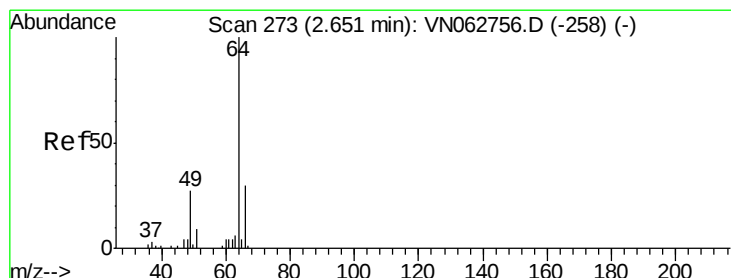
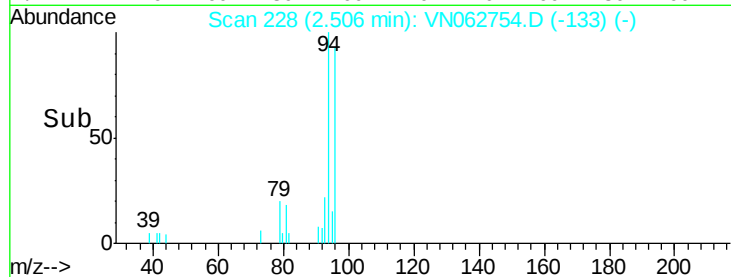
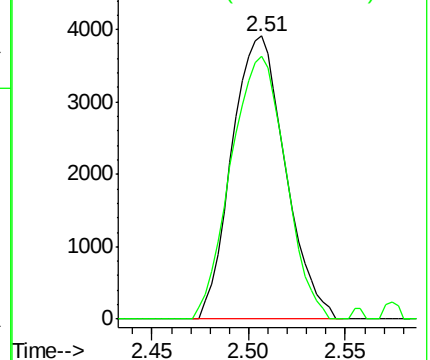
94 100

96 92.9 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 6.766 ug/l

RT: 2.65 min Scan# 274

Delta R.T. 0.00 min

Lab File: VN062754.D

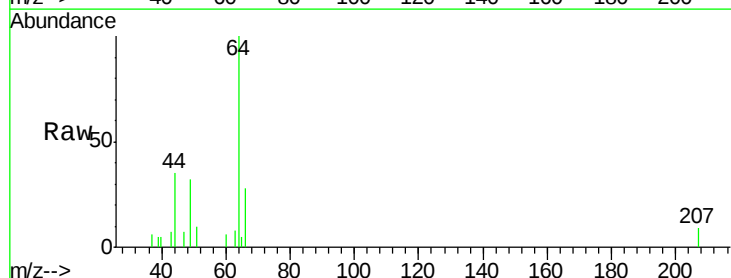
Acq: 5 Aug 2020 11:26

Tgt Ion: 64 Resp: 6924

Ion Ratio Lower Upper

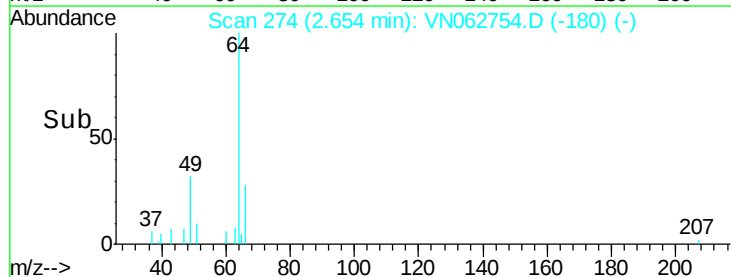
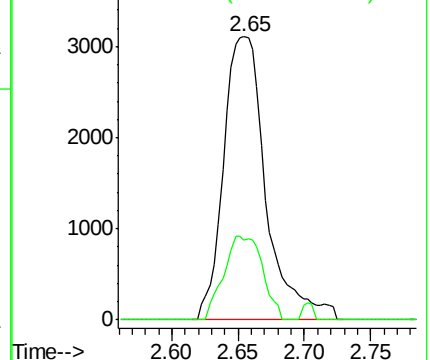
64 100

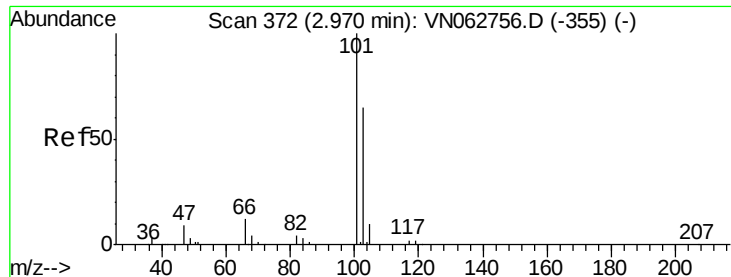
66 28.4 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



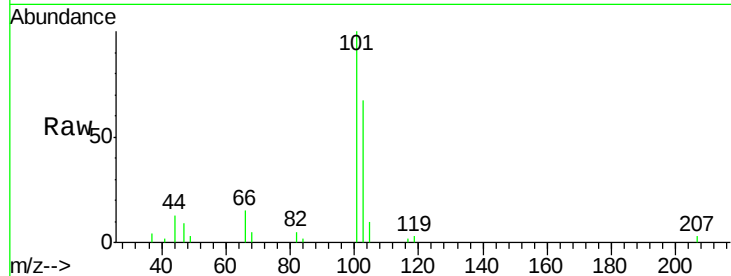


#7

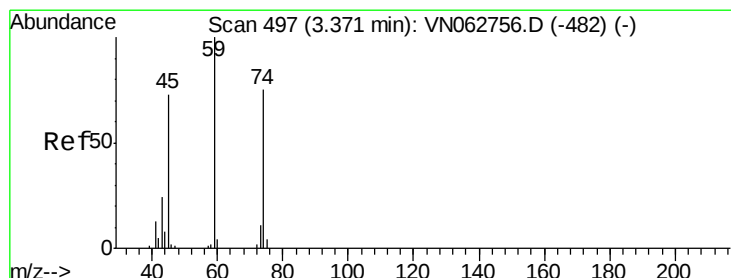
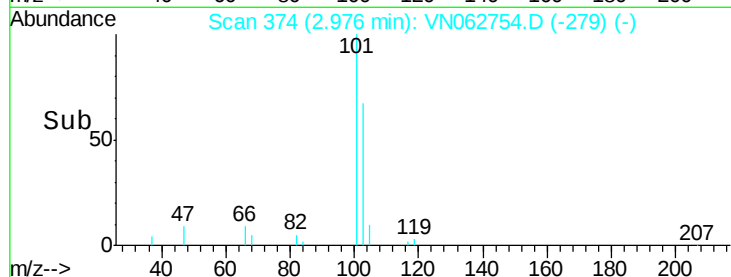
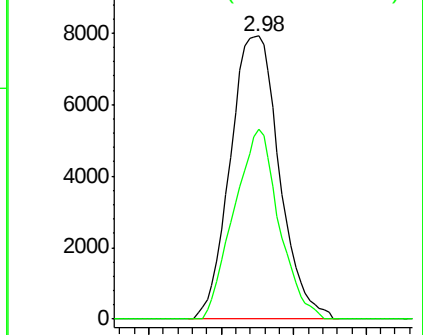
Trichlorofluoromethane
Concen: 6.969 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.01 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 18610
Ion Ratio Lower Upper
101 100
103 67.2 52.3 78.5



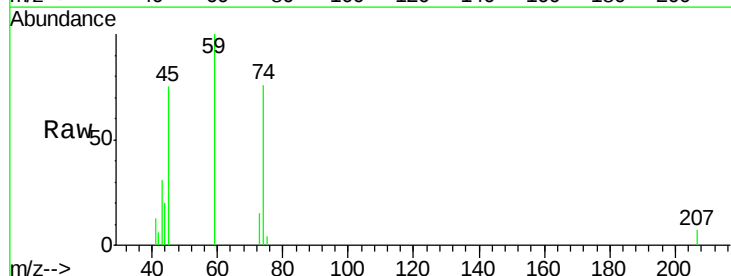
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



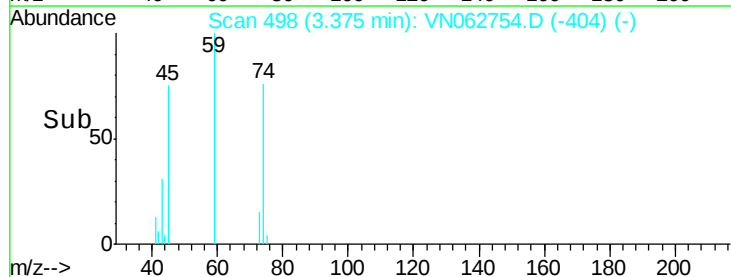
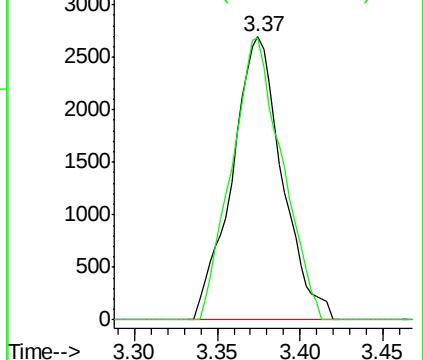
#8

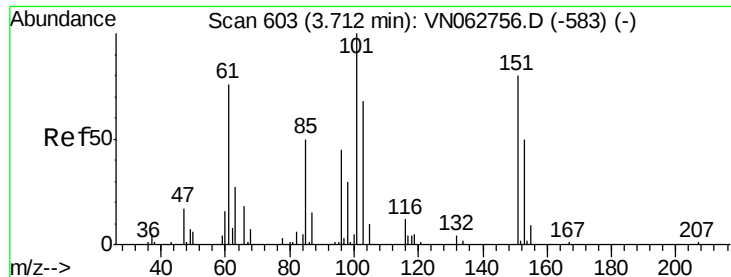
Diethyl Ether
Concen: 4.932 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Tgt Ion: 74 Resp: 5663
Ion Ratio Lower Upper
74 100
45 100.4 48.7 146.1



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.778 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.01 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

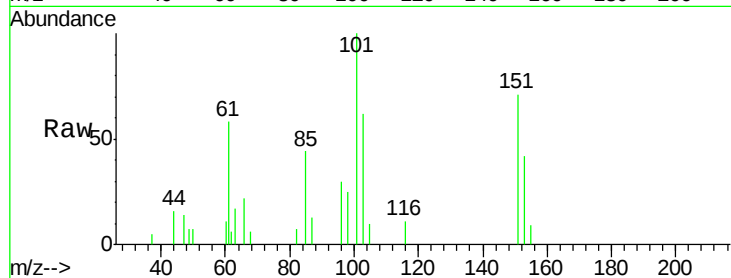
Tgt Ion:101 Resp: 9213

Ion Ratio Lower Upper

101 100

85 46.2 38.5 57.7

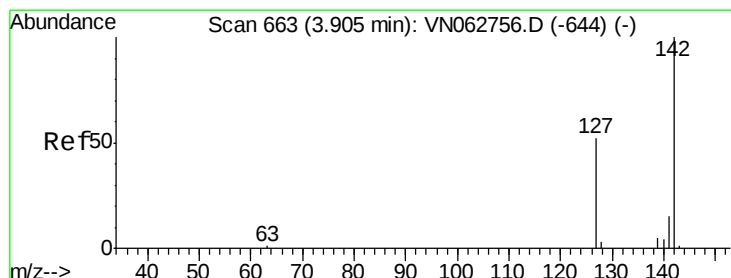
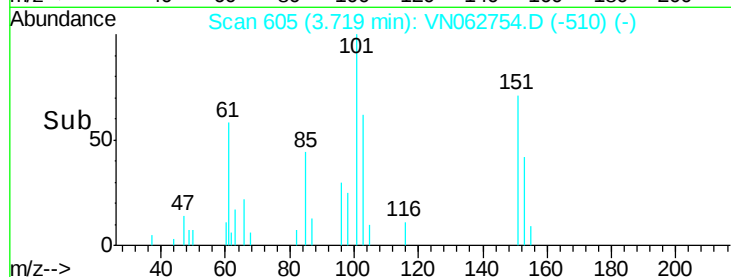
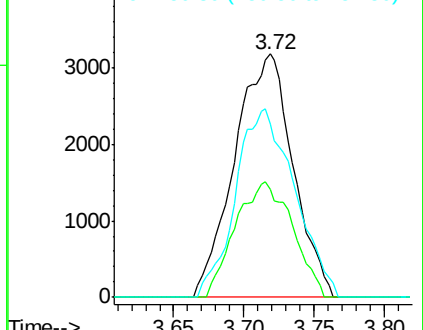
151 78.2 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.698 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

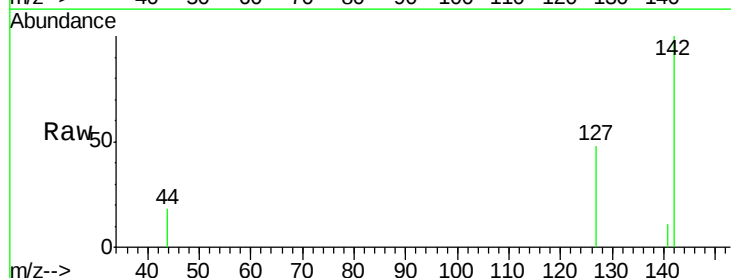
Tgt Ion:142 Resp: 7423

Ion Ratio Lower Upper

142 100

127 50.5 41.4 62.0

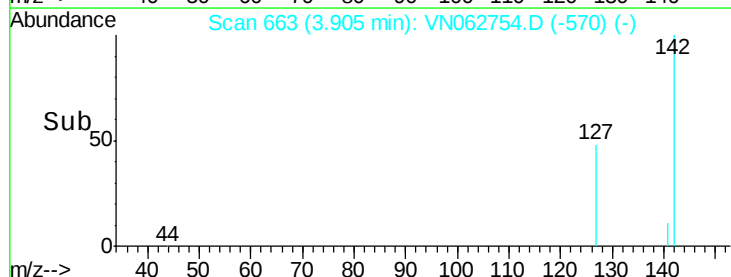
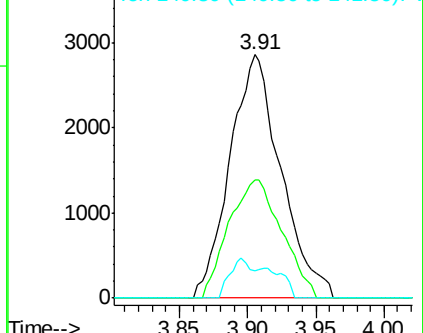
141 7.1 12.2 18.4#

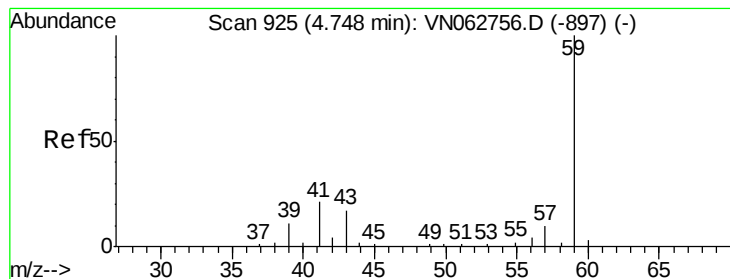


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 27.772 ug/l

RT: 4.75 min Scan# 926

Delta R.T. 0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampled :

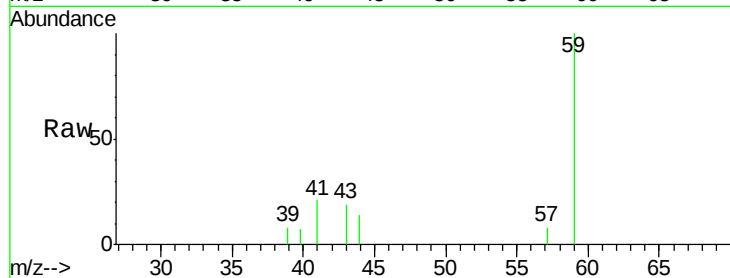
VSTDIC005

Tgt Ion: 59 Resp: 10843

Ion Ratio Lower Upper

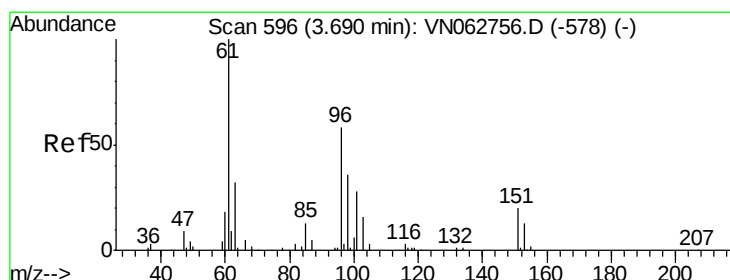
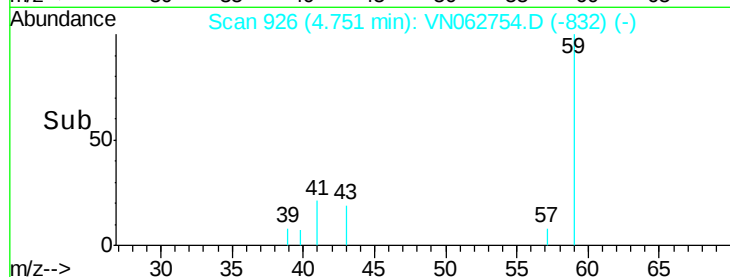
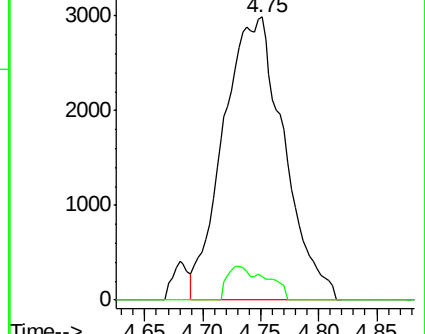
59 100

57 4.6 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 5.455 ug/l

RT: 3.69 min Scan# 596

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

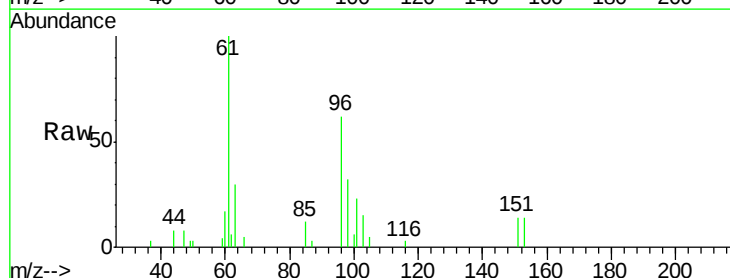
Tgt Ion: 96 Resp: 8717

Ion Ratio Lower Upper

96 100

61 162.4 139.0 208.6

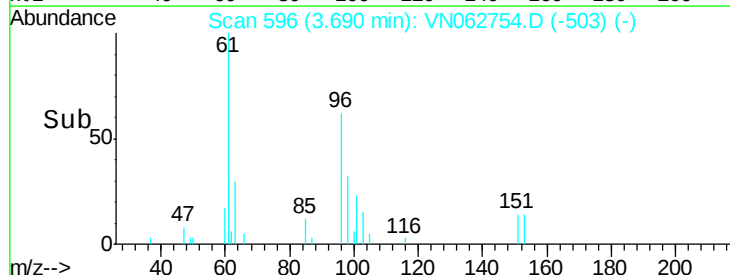
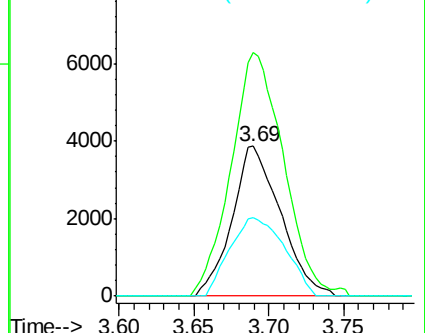
98 52.5 50.2 75.4

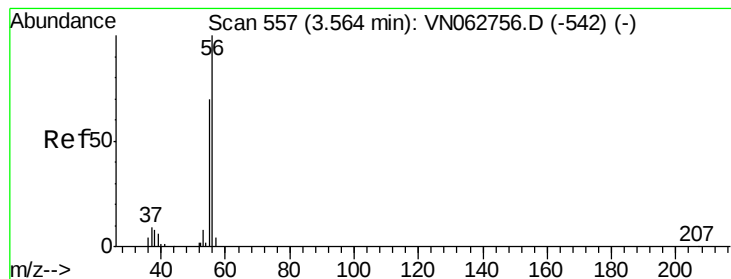


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 21.761 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

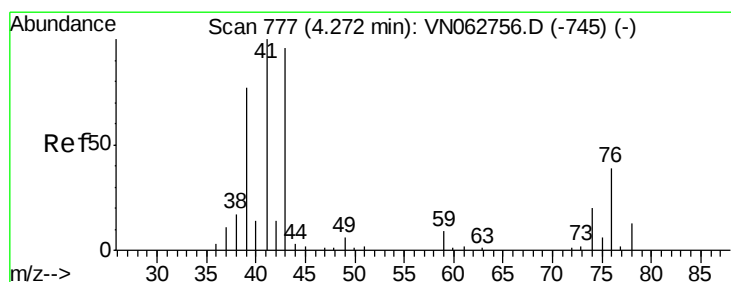
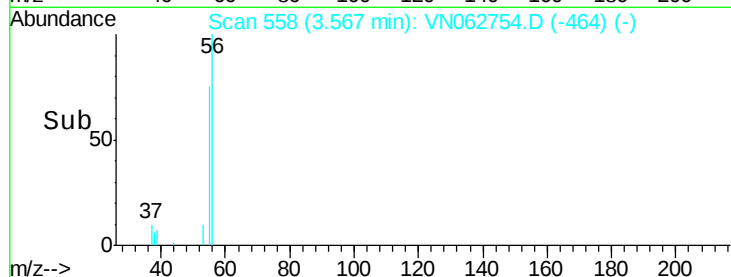
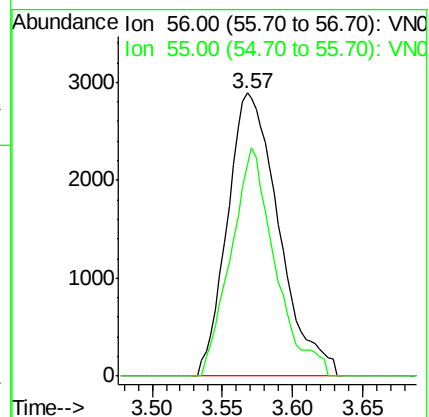
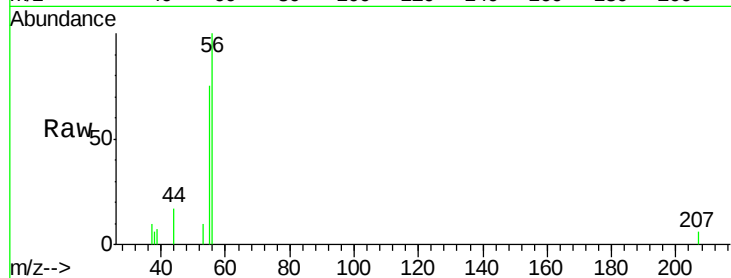
VSTDIC005

Tgt Ion: 56 Resp: 7356

Ion Ratio Lower Upper

56 100

55 69.4 57.0 85.6



#14

Allyl chloride

Concen: 4.596 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

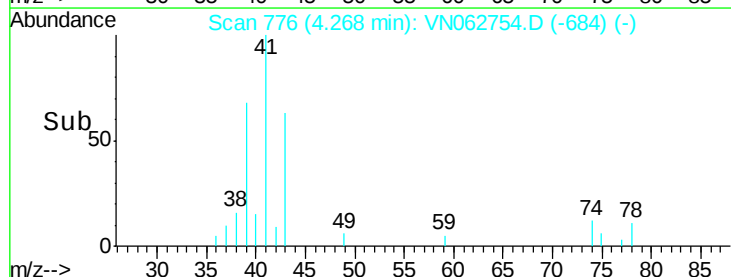
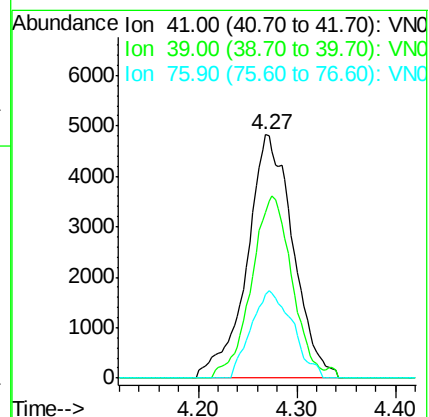
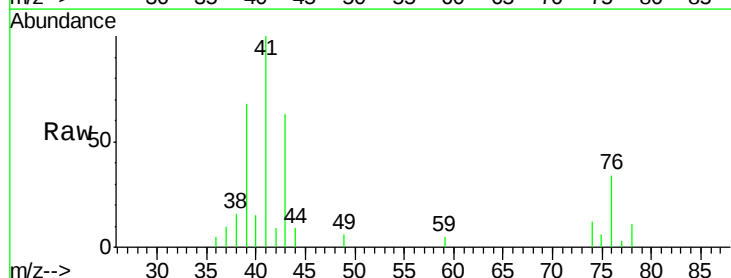
Tgt Ion: 41 Resp: 15541

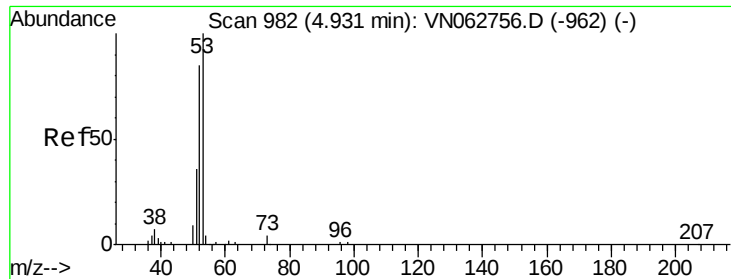
Ion Ratio Lower Upper

41 100

39 65.9 55.7 83.5

76 32.5 27.5 41.3





#15

Acrylonitrile

Concen: 24.877 ug/l

RT: 4.94 min Scan# 984

Delta R.T. 0.01 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

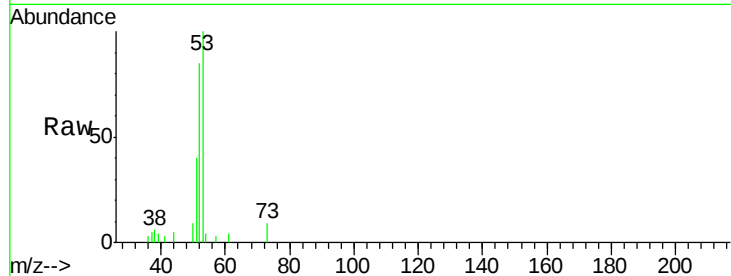
Tgt Ion: 53 Resp: 25071

Ion Ratio Lower Upper

53 100

52 80.6 66.8 100.2

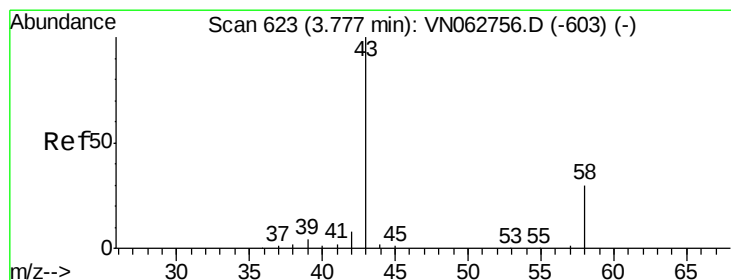
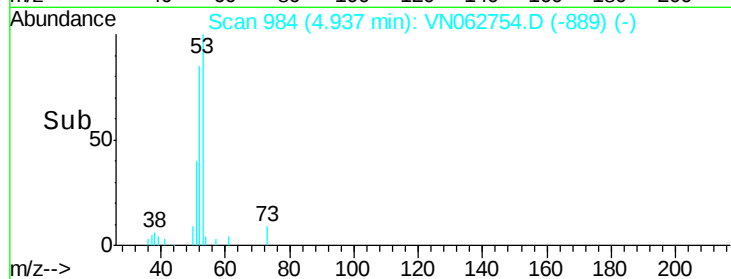
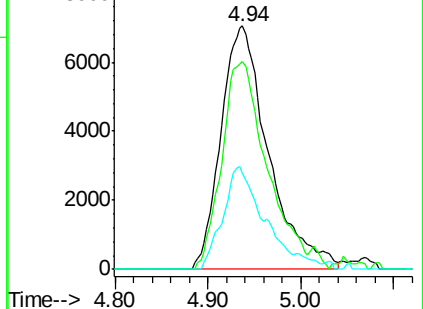
51 35.1 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 26.872 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062754.D

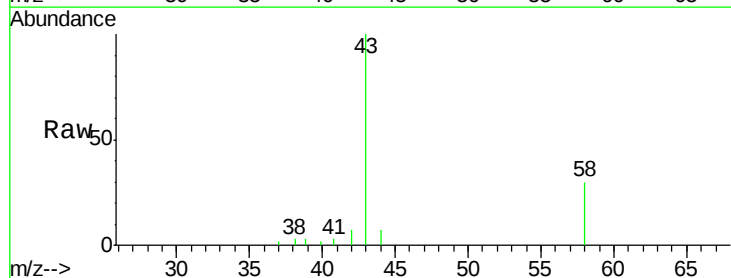
Acq: 5 Aug 2020 11:26

Tgt Ion: 43 Resp: 24138

Ion Ratio Lower Upper

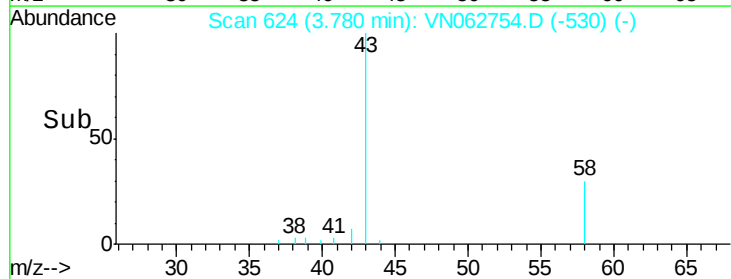
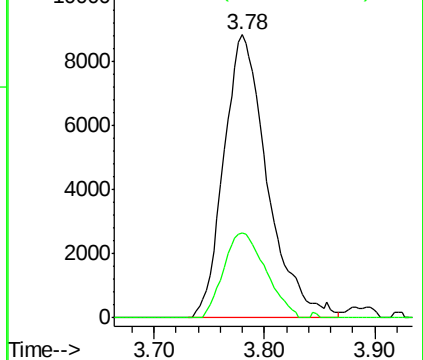
43 100

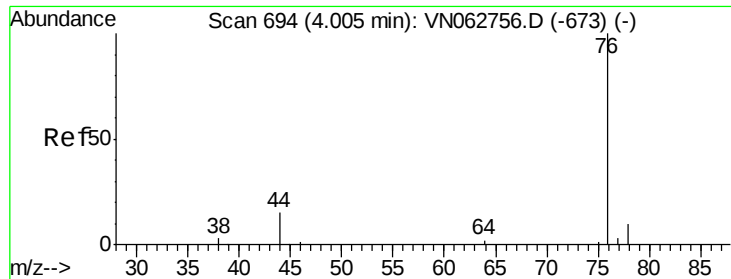
58 30.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

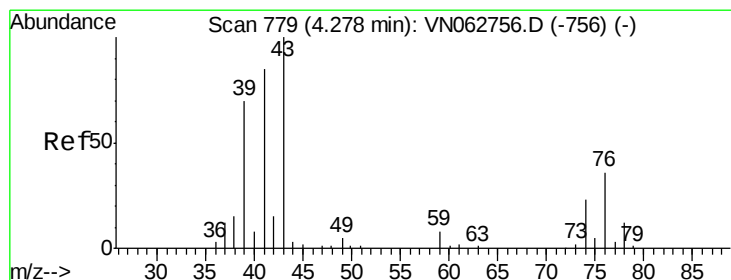
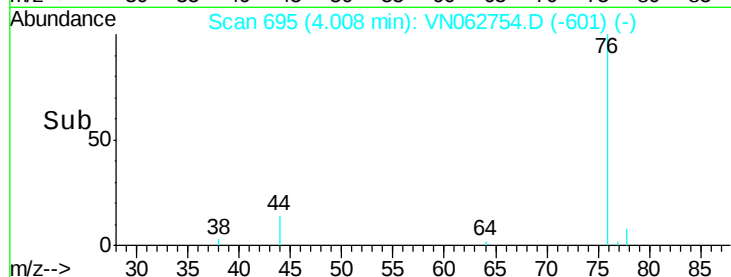
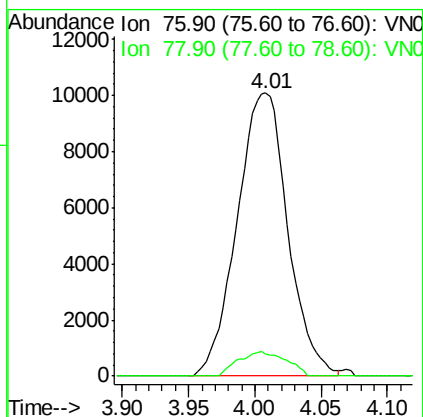
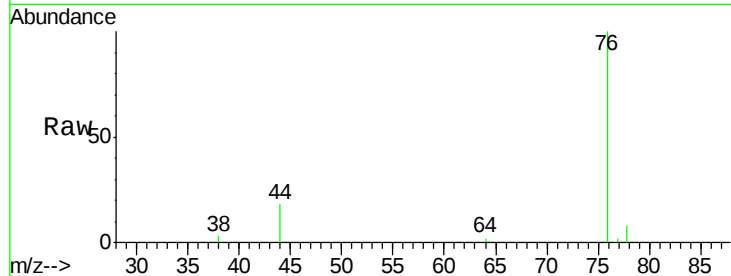




#17
Carbon Disulfide
Concen: 5.187 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

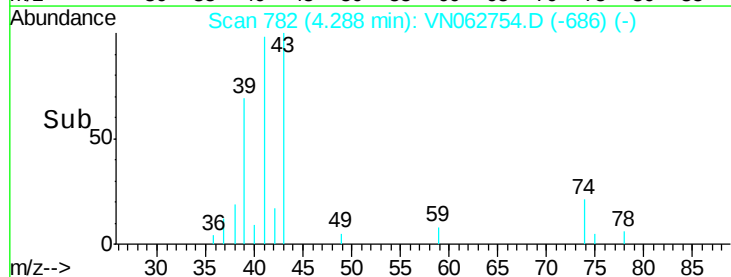
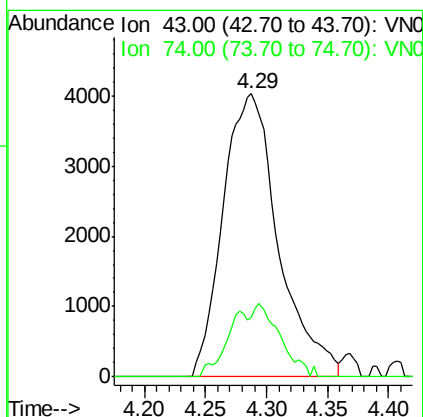
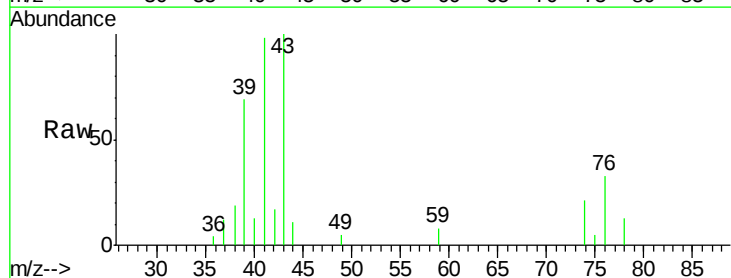
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

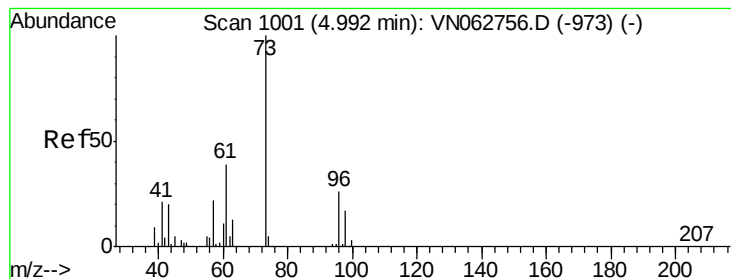
Tgt Ion: 76 Resp: 26814
Ion Ratio Lower Upper
76 100
78 8.1 7.7 11.5



#18
Methyl Acetate
Concen: 5.580 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Tgt Ion: 43 Resp: 12700
Ion Ratio Lower Upper
43 100
74 9.6 18.6 28.0#



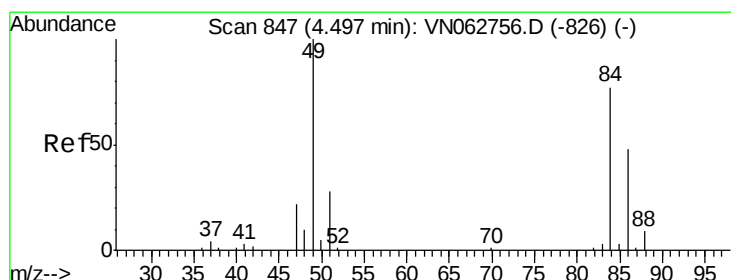
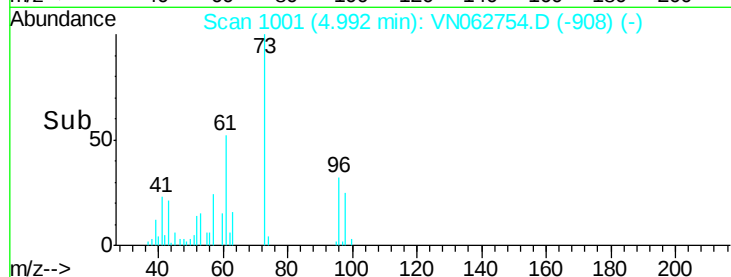
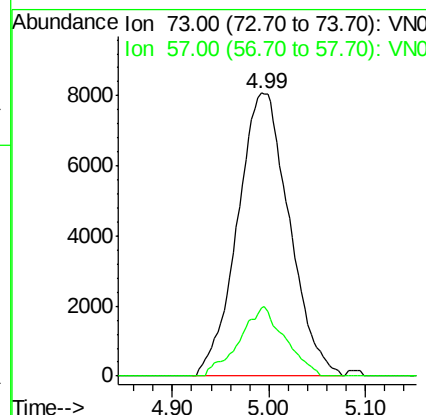
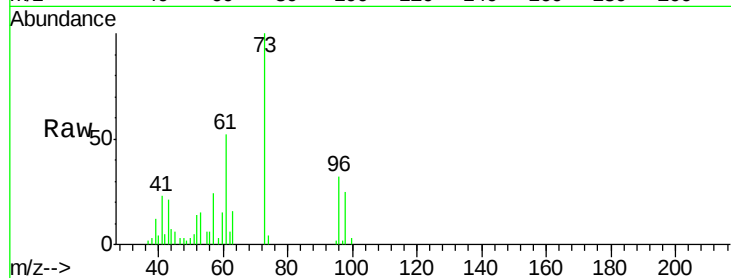


#19

Methyl tert-butyl Ether
 Concen: 4.969 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

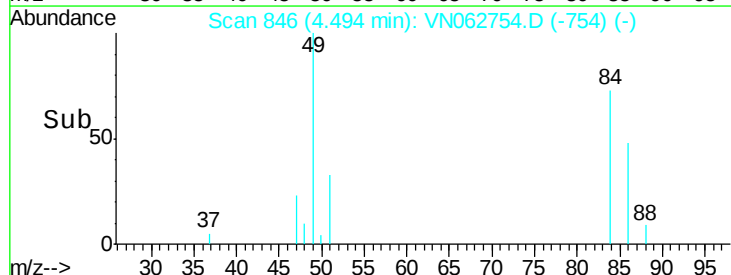
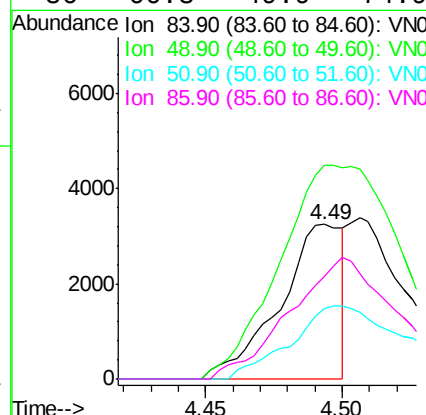
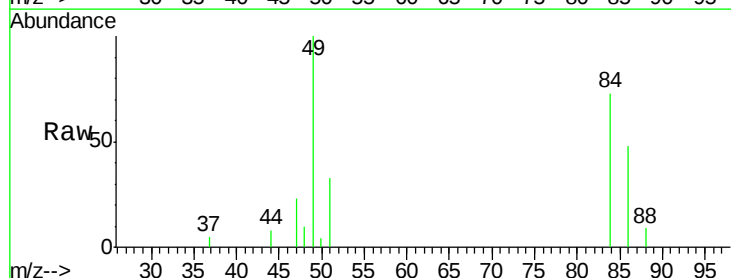
Tgt Ion: 73 Resp: 30051
 Ion Ratio Lower Upper
 73 100
 57 24.2 17.5 26.3

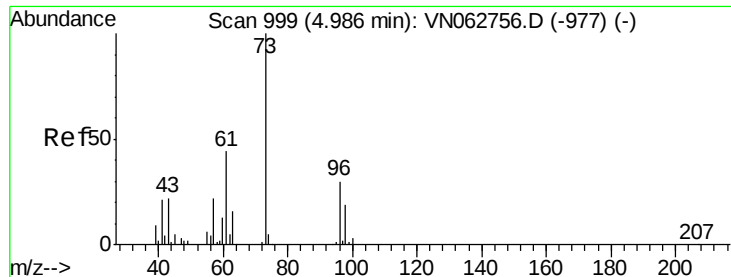


#20

Methylene Chloride
 Concen: 2.466 ug/l
 RT: 4.49 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Tgt Ion: 84 Resp: 5169
 Ion Ratio Lower Upper
 84 100
 49 137.9 103.4 155.2
 51 45.3 29.3 43.9#
 86 66.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 2.763 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

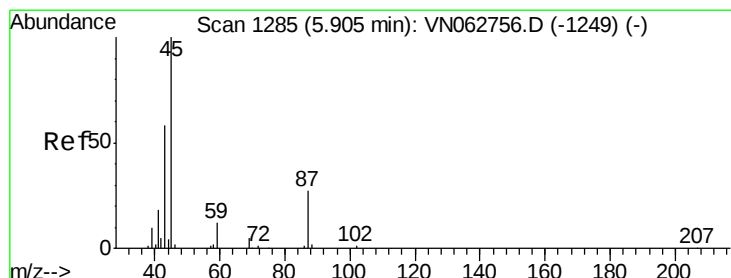
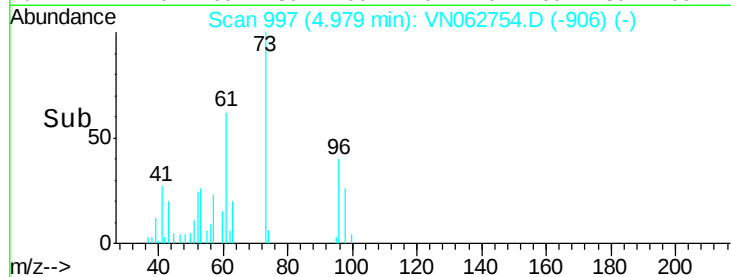
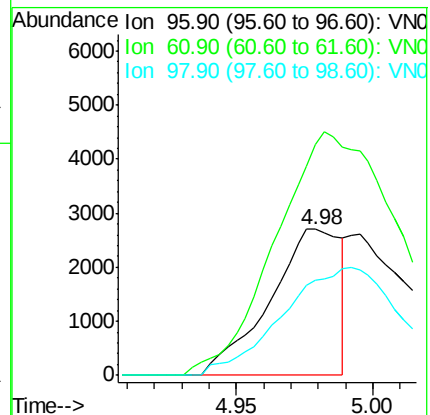
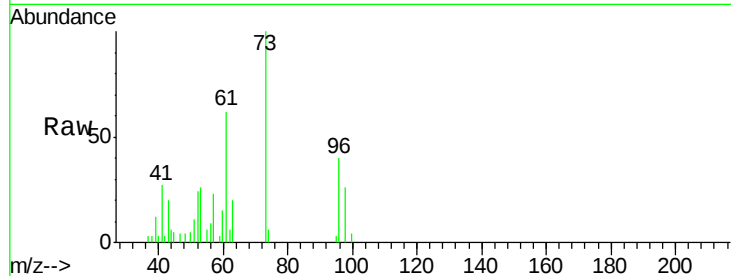
Tgt Ion: 96 Resp: 4892

Ion Ratio Lower Upper

96 100

61 151.9 118.8 178.2

98 64.9 51.0 76.4



#22

Diisopropyl ether

Concen: 4.310 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Tgt Ion: 45 Resp: 29542

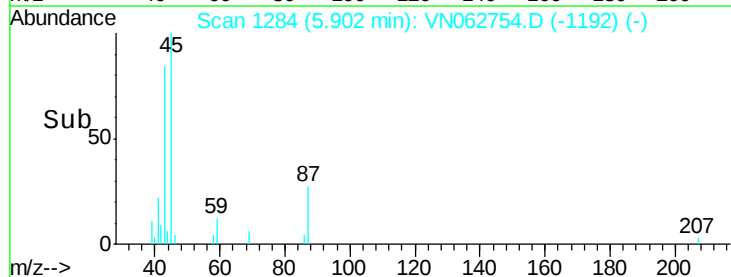
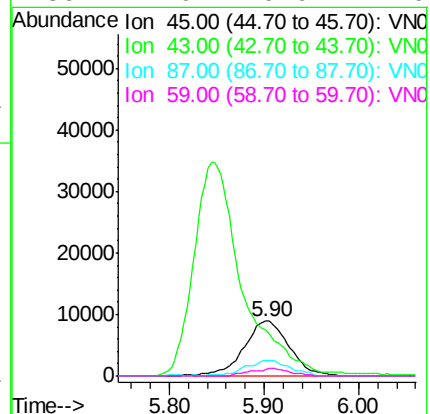
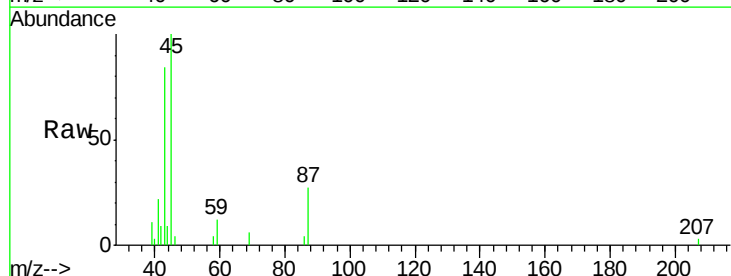
Ion Ratio Lower Upper

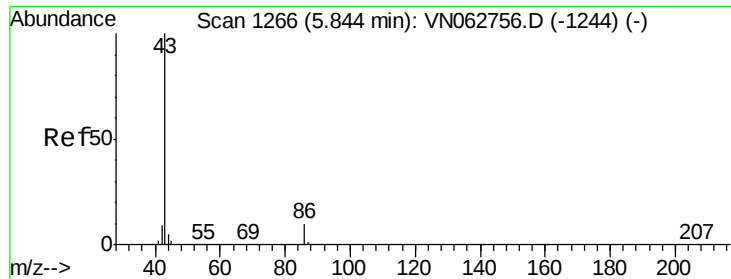
45 100

43 77.1 47.4 71.2#

87 27.2 22.8 34.2

59 11.9 9.9 14.9





#23

Vinyl Acetate

Concen: 22.586 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

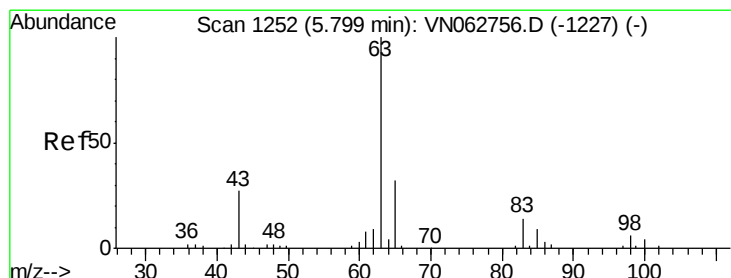
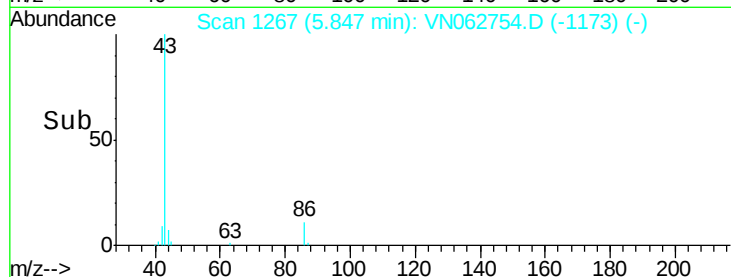
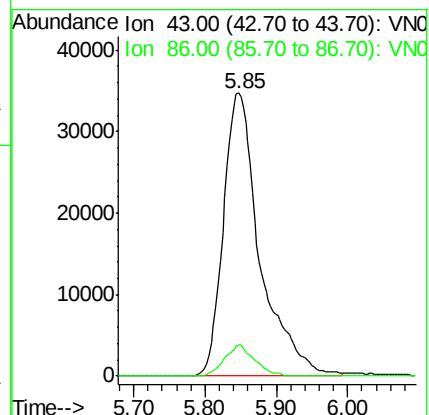
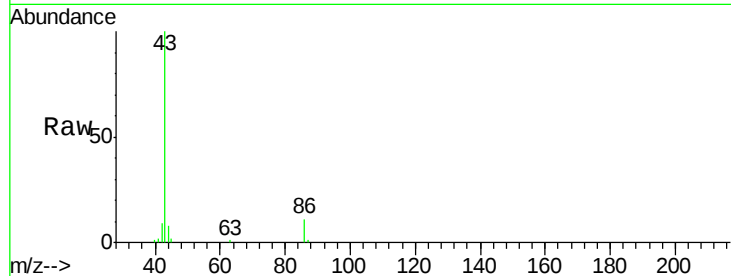
VSTDIC005

Tgt Ion: 43 Resp: 123885

Ion Ratio Lower Upper

43 100

86 11.0 7.7 11.5



#24

1,1-Dichloroethane

Concen: 5.299 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

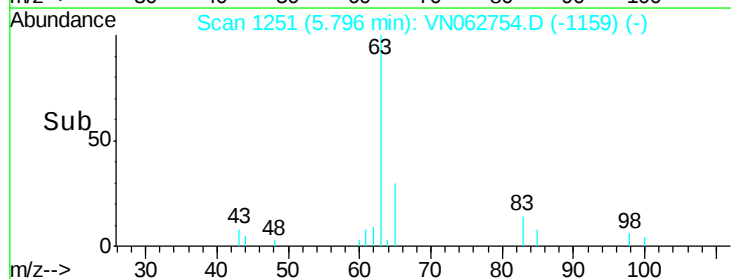
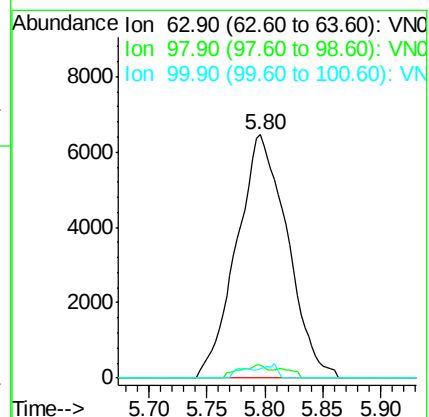
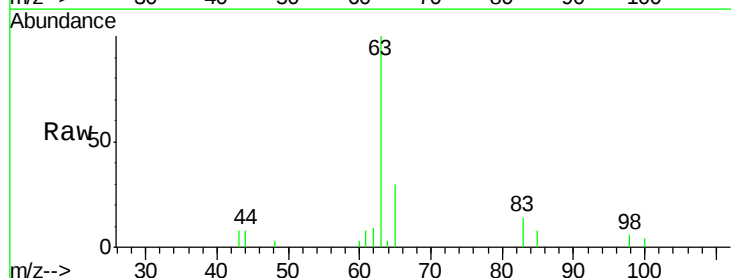
Tgt Ion: 63 Resp: 19685

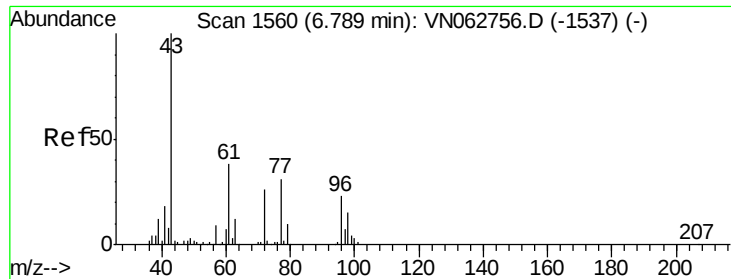
Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.2

100 3.8 1.9 5.7

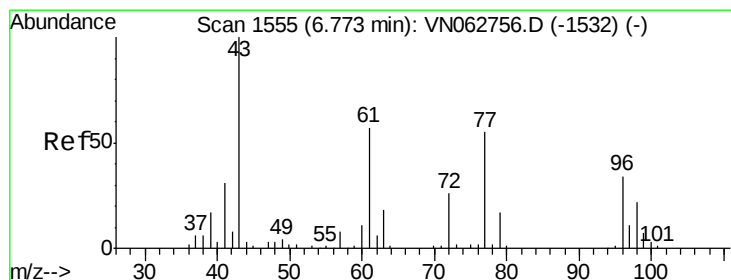
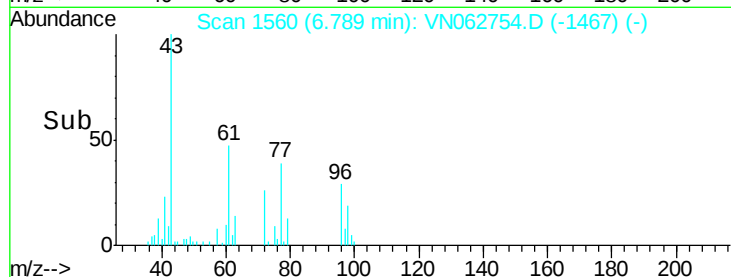
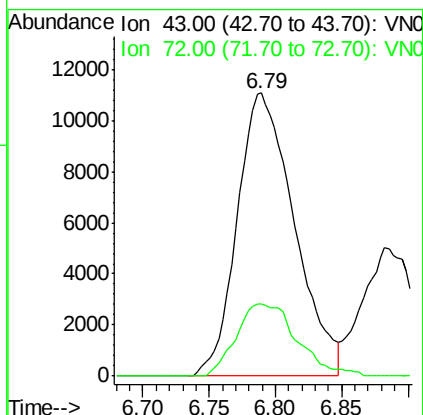
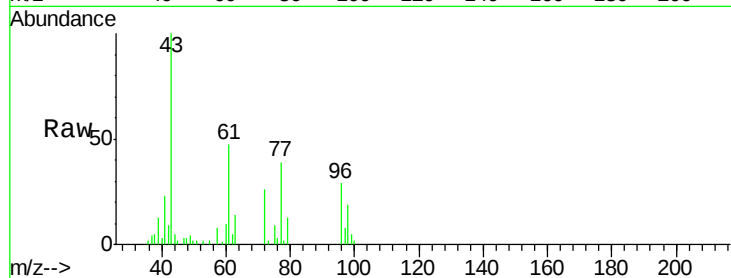




#25
2-Butanone
Concen: 24.525 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

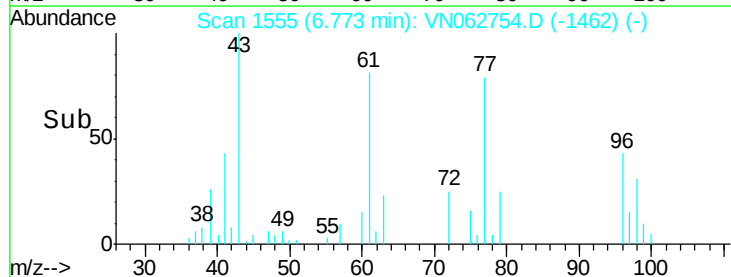
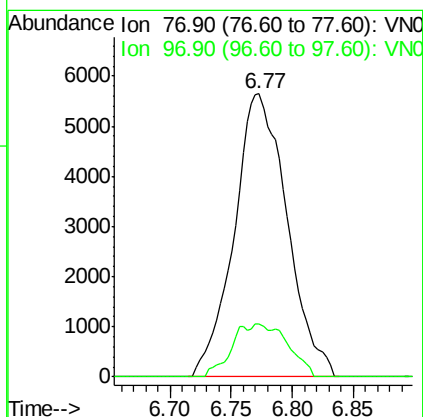
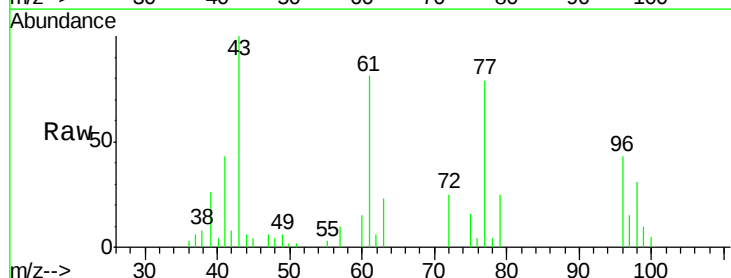
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

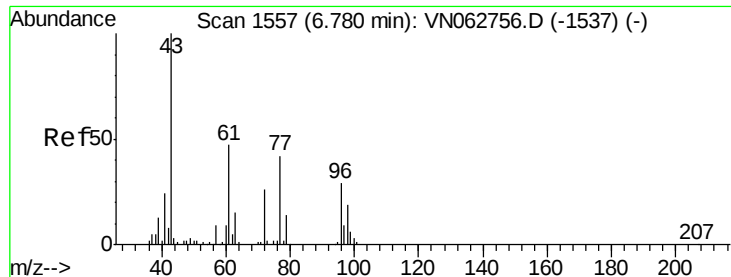
Tgt Ion: 43 Resp: 33263
Ion Ratio Lower Upper
43 100
72 25.6 21.1 31.7



#26
2,2-Dichloropropane
Concen: 5.461 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Tgt Ion: 77 Resp: 16978
Ion Ratio Lower Upper
77 100
97 6.7 10.5 31.6#

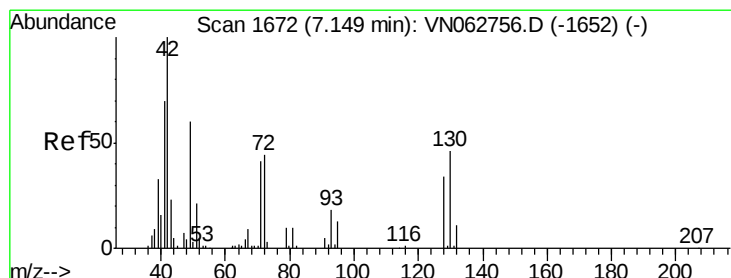
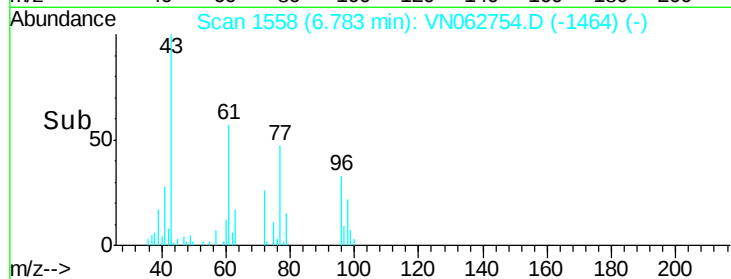
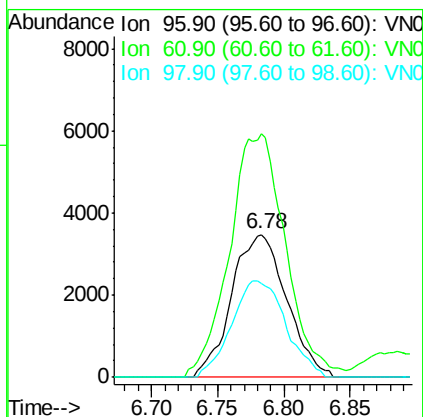
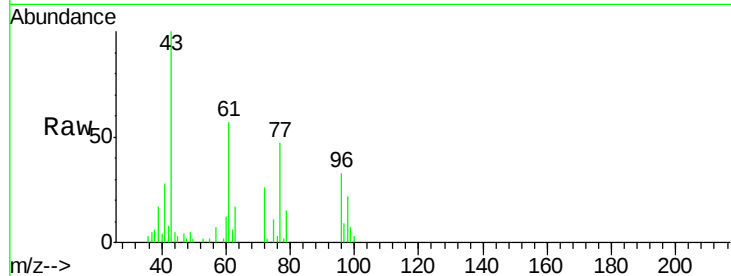




#27
 cis-1,2-Dichloroethene
 Concen: 4.918 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

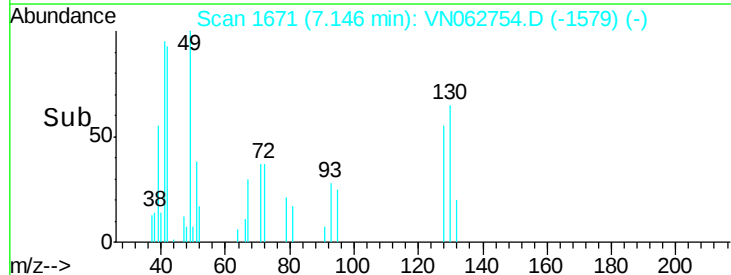
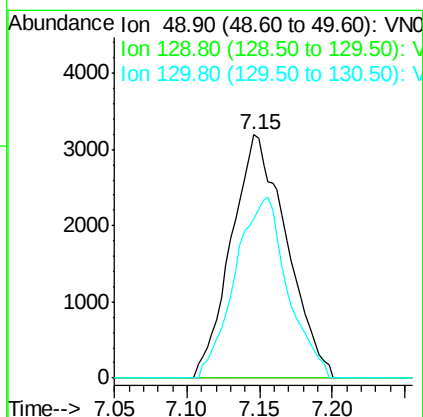
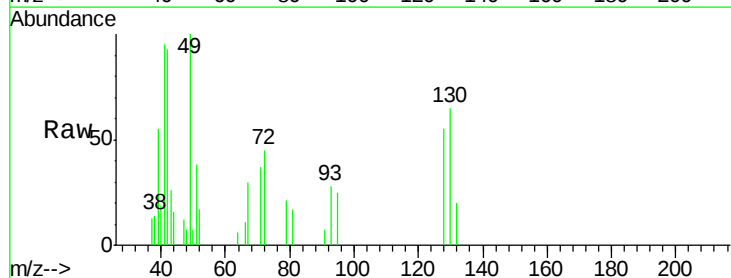
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

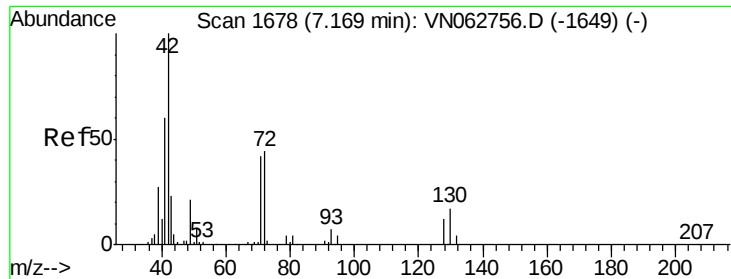
Tgt Ion: 96 Resp: 9995
 Ion Ratio Lower Upper
 96 100
 61 173.9 0.0 332.2
 98 66.5 0.0 129.4



#28
 Bromochloromethane
 Concen: 4.665 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Tgt Ion: 49 Resp: 8456
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.2
 130 70.6 59.0 88.6

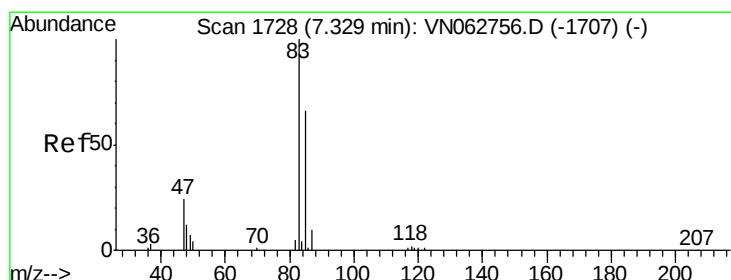
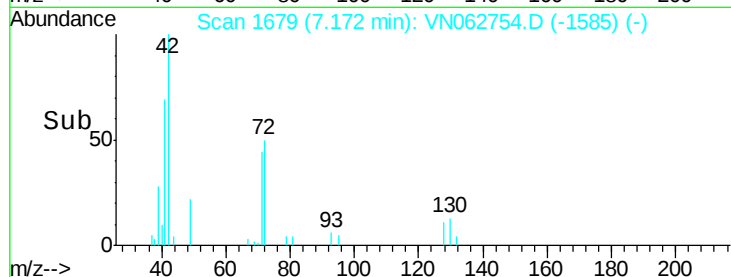
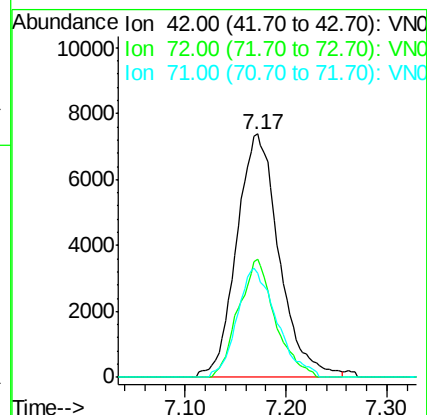
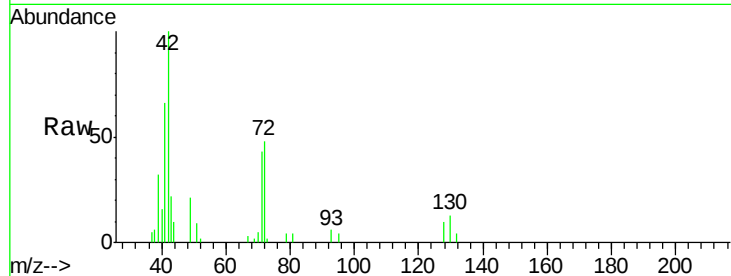




#29
Tetrahydrofuran
Concen: 23.675 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

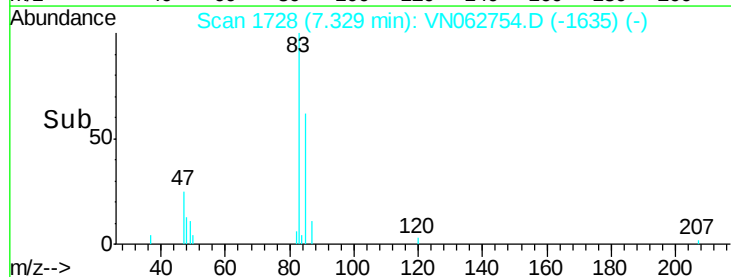
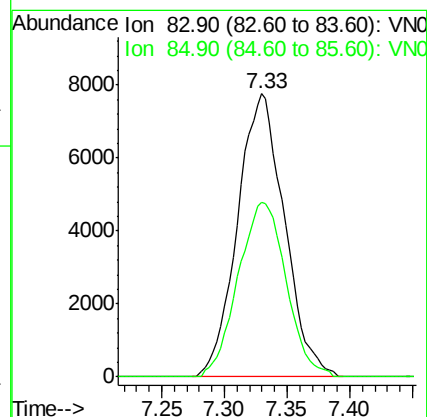
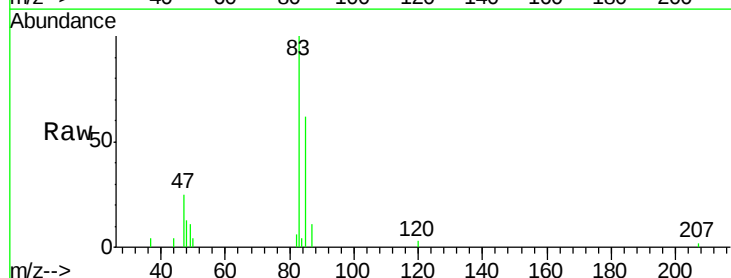
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

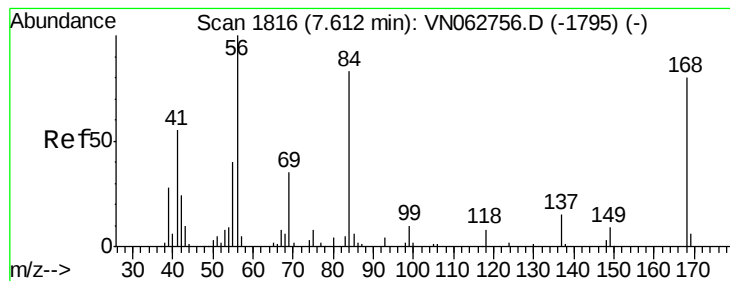
Tgt Ion: 42 Resp: 21630
Ion Ratio Lower Upper
42 100
72 41.7 35.0 52.4
71 41.5 33.2 49.8



#30
Chloroform
Concen: 5.615 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Tgt Ion: 83 Resp: 20201
Ion Ratio Lower Upper
83 100
85 61.8 52.7 79.1





#31

Cyclohexane

Concen: 5.360 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

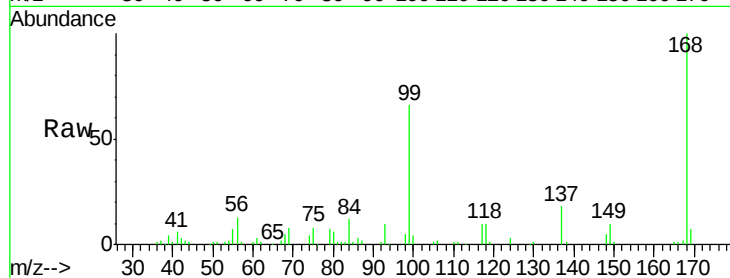
Tgt Ion: 56 Resp: 18434

Ion Ratio Lower Upper

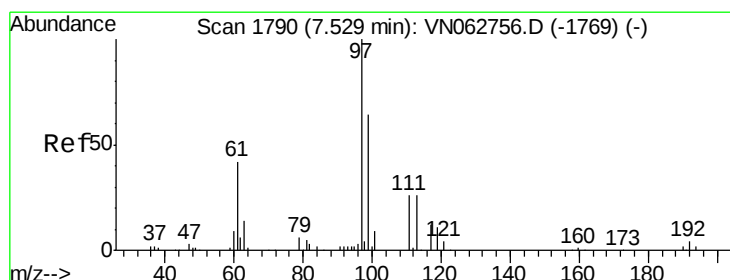
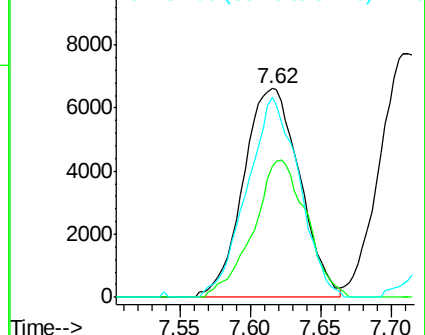
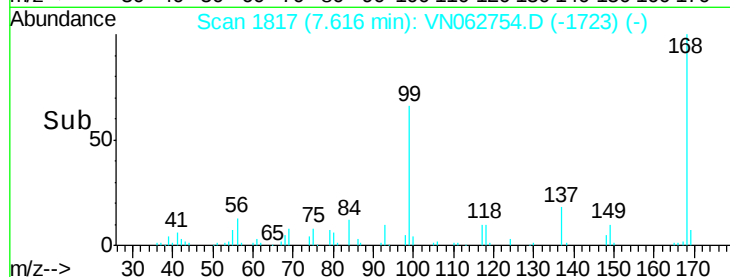
56 100

69 62.9 28.1 42.1#

84 96.2 66.8 100.2



Abundance Ion 56.00 (55.70 to 56.70): VN062754.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 6.061 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

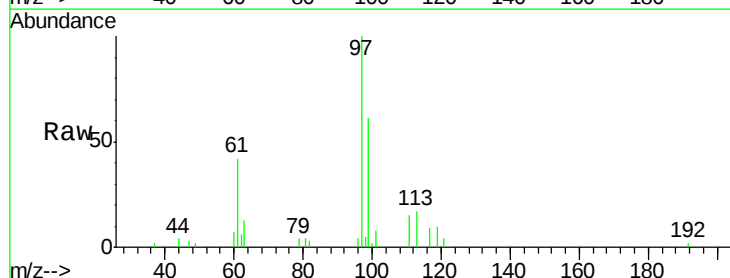
Tgt Ion: 97 Resp: 18472

Ion Ratio Lower Upper

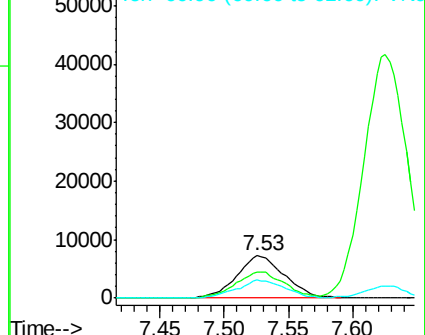
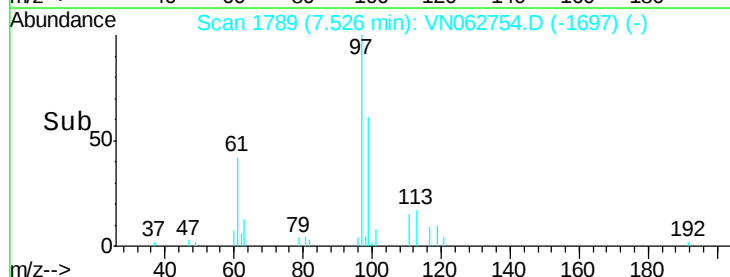
97 100

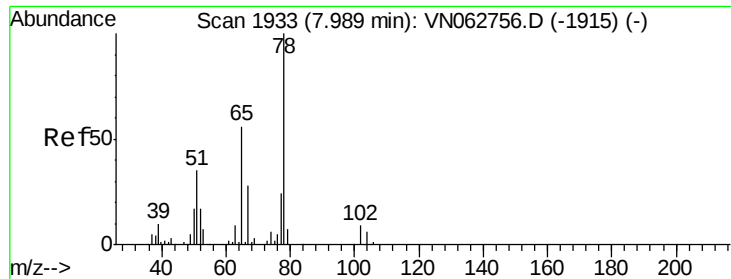
99 64.0 50.0 75.0

61 42.5 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VN062754.D (-1697) (-)

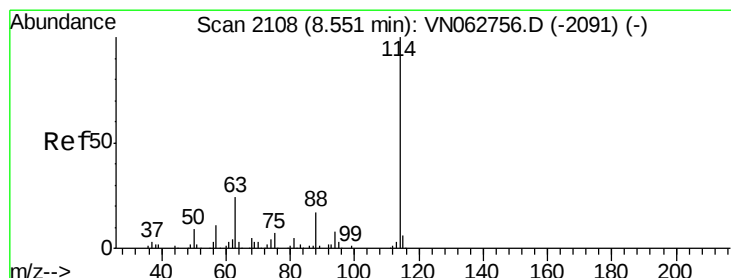
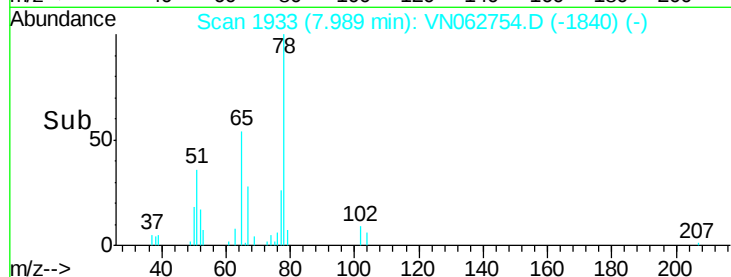
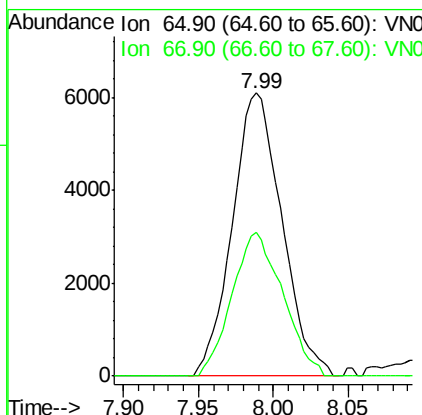
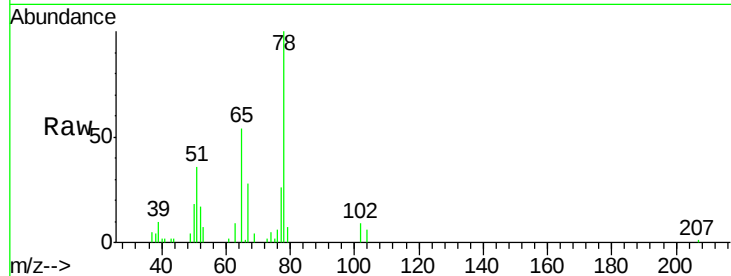




#33
 1,2-Dichloroethane-d4
 Concen: 5.854 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

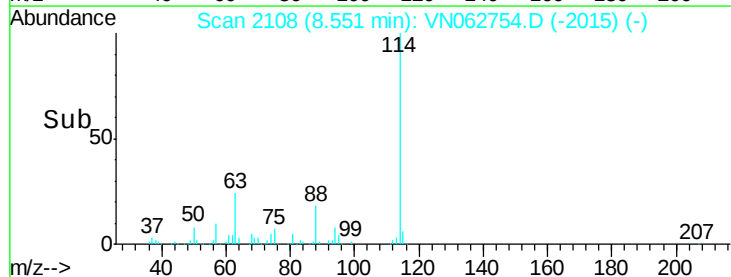
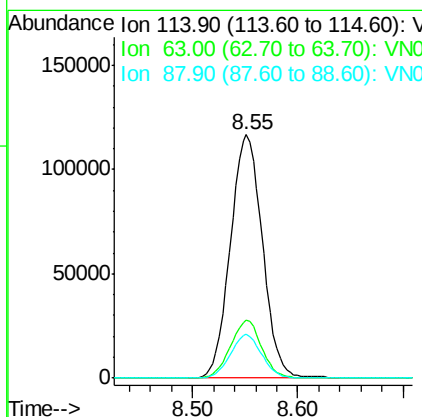
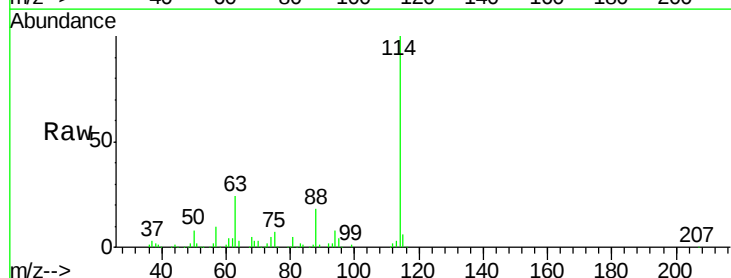
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

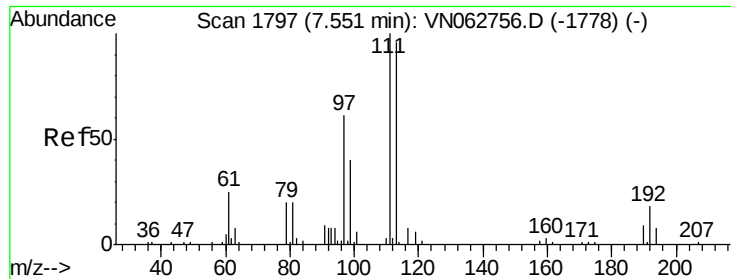
Tgt Ion: 65 Resp: 14067
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Tgt Ion: 114 Resp: 245963
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 47.6
 88 18.0 0.0 34.4

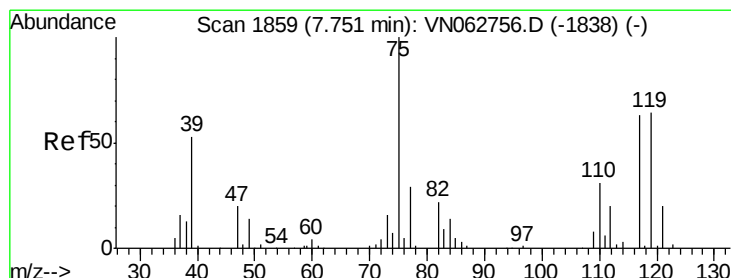
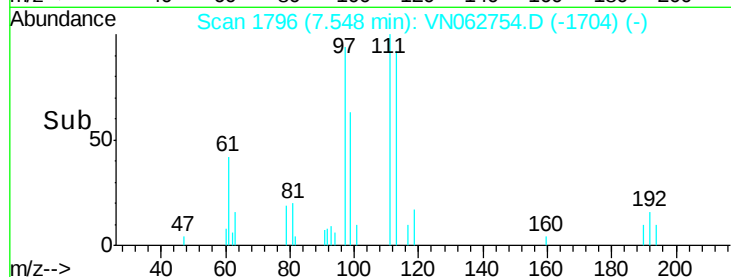
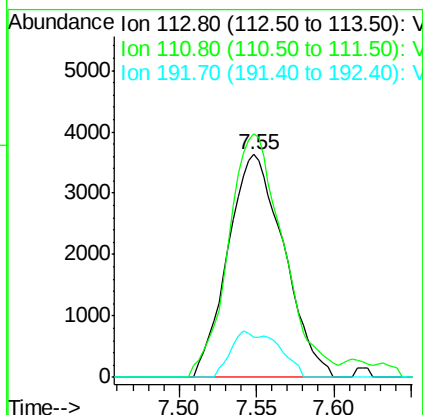
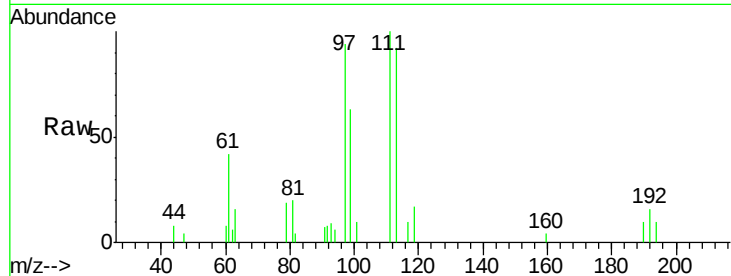




#35
 Dibromofluoromethane
 Concen: 5.637 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

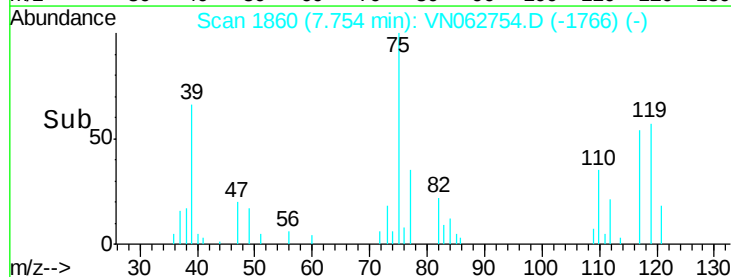
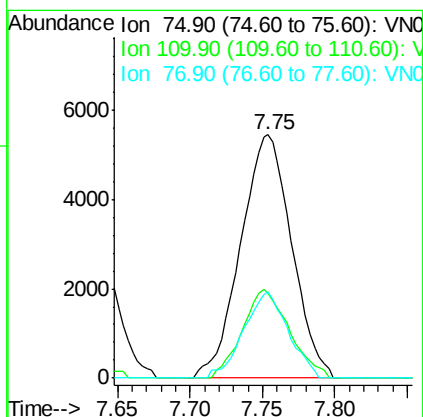
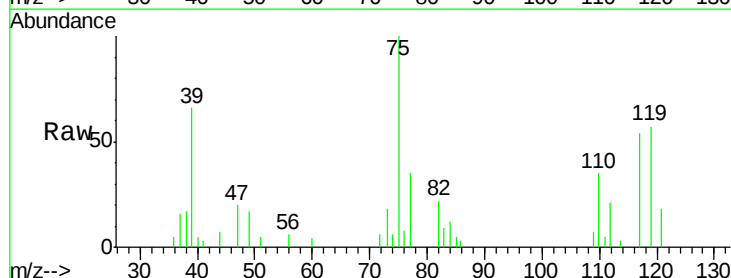
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

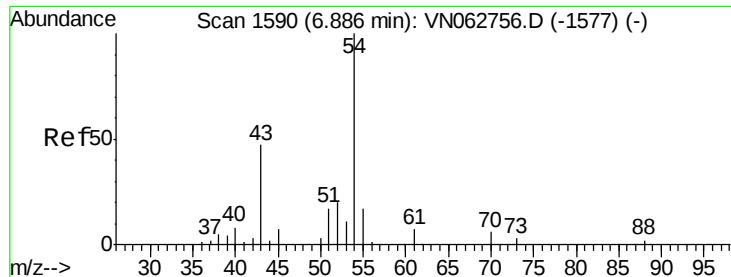
Tgt Ion: 113 Resp: 9120
 Ion Ratio Lower Upper
 113 100
 111 107.3 81.8 122.6
 192 17.6 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 5.158 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Tgt Ion: 75 Resp: 13303
 Ion Ratio Lower Upper
 75 100
 110 33.5 15.6 46.7
 77 30.9 24.1 36.1

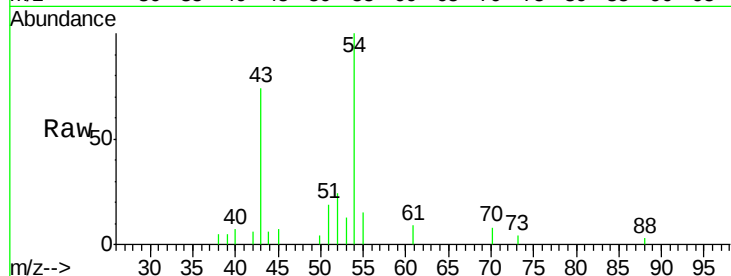




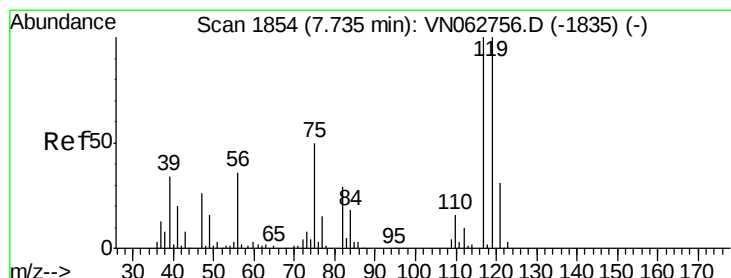
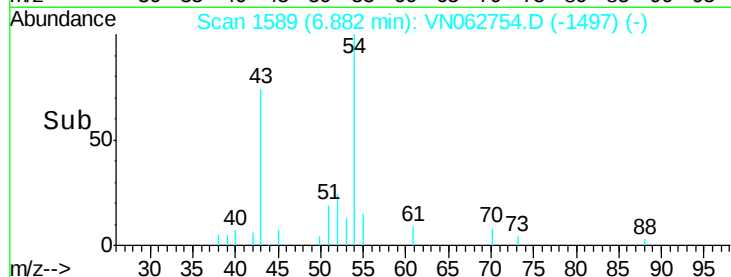
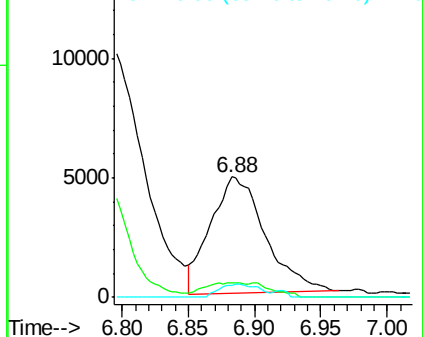
#37
Ethyl Acetate
 Concen: 5.079 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 14002
 Ion Ratio Lower Upper
 43 100
 61 6.1 12.1 18.1#
 70 8.0 8.3 12.5#

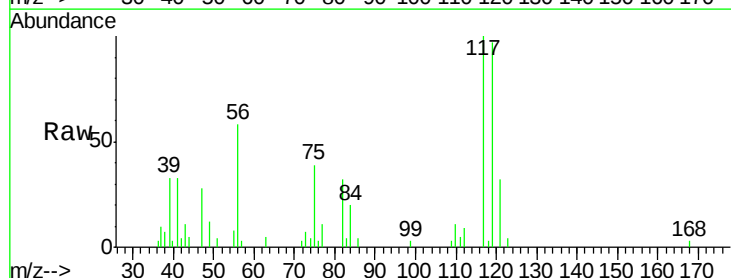


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

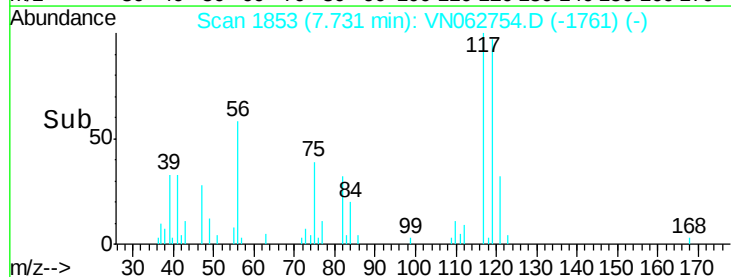
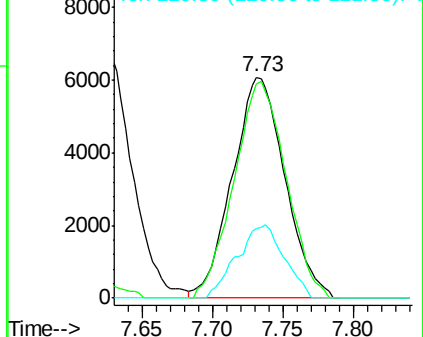


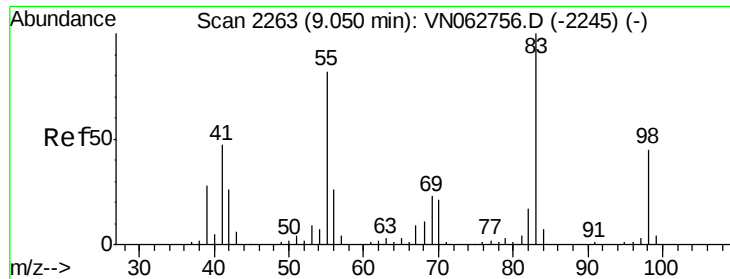
#38
Carbon Tetrachloride
 Concen: 6.234 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Tgt Ion: 117 Resp: 15823
 Ion Ratio Lower Upper
 117 100
 119 96.8 79.4 119.2
 121 31.6 24.9 37.3



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

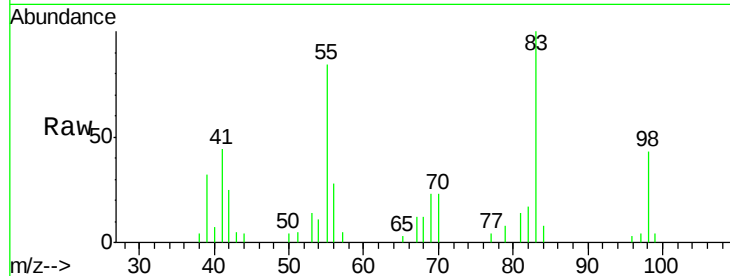




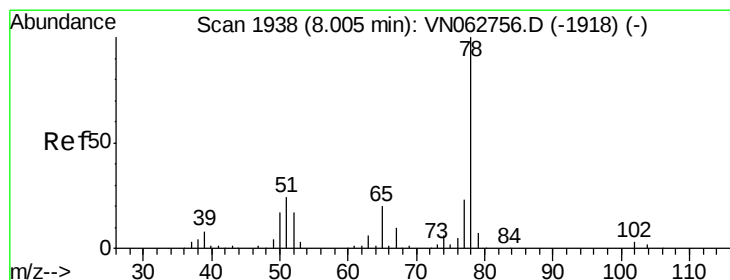
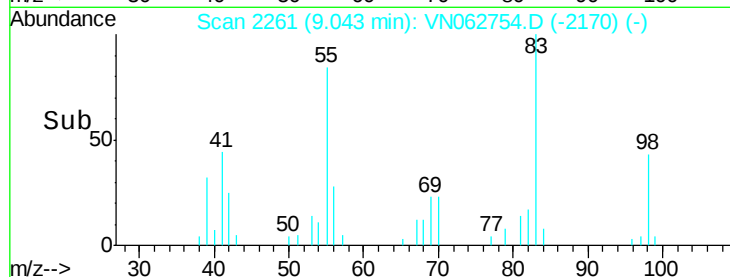
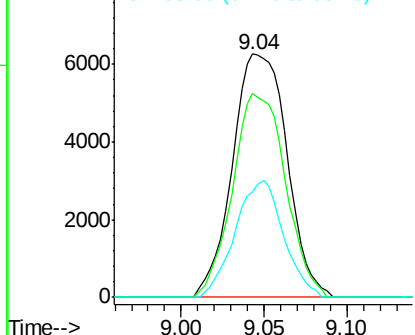
#39
Methylcyclohexane
Concen: 5.074 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.01 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 14322
Ion Ratio Lower Upper
83 100
55 83.6 65.7 98.5
98 43.4 35.6 53.4

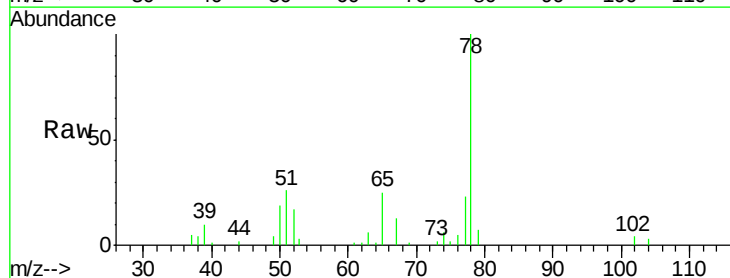


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

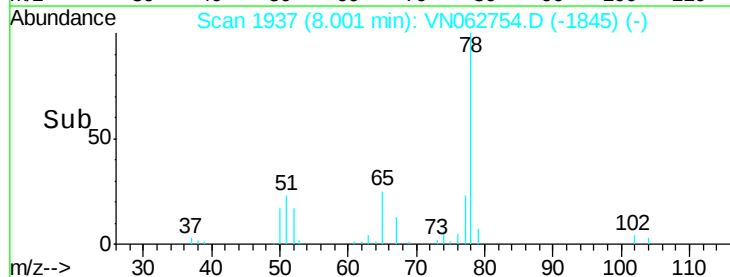
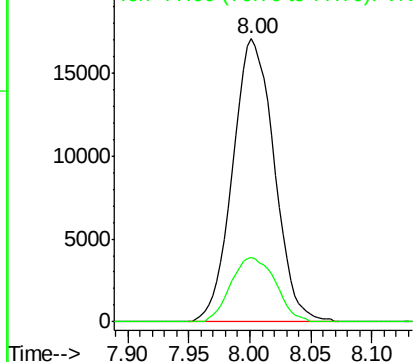


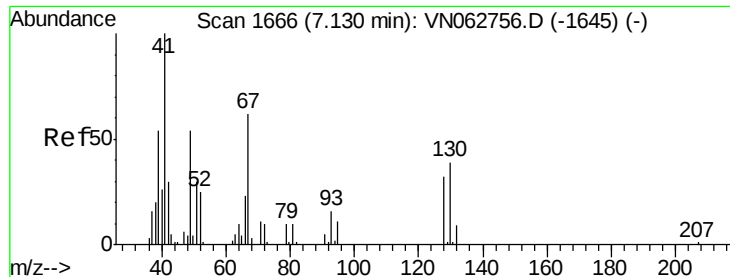
#40
Benzene
Concen: 5.189 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Tgt Ion: 78 Resp: 40239
Ion Ratio Lower Upper
78 100
77 22.9 18.1 27.1



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





#41

Methacrylonitrile

Concen: 4.879 ug/l

RT: 7.13 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 5971

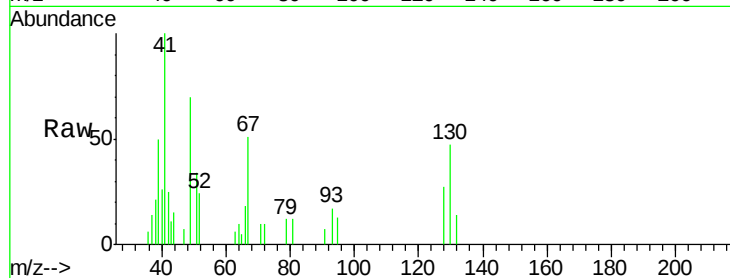
Ion Ratio Lower Upper

41 100

39 43.5 69.4 104.2#

67 84.8 0.0 0.0#

52 38.4 0.0 0.0#

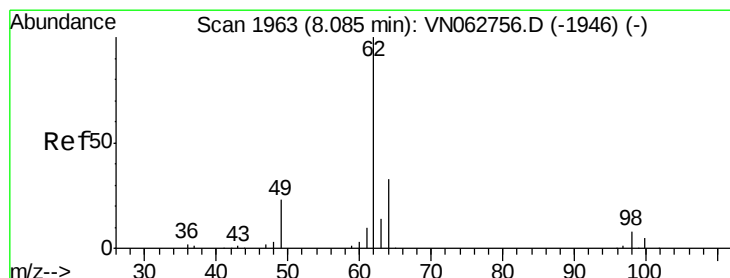
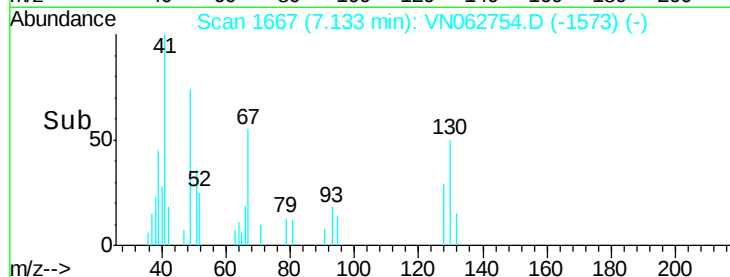
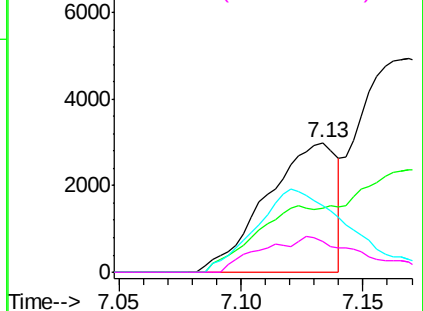


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 5.907 ug/l

RT: 8.09 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VN062754.D

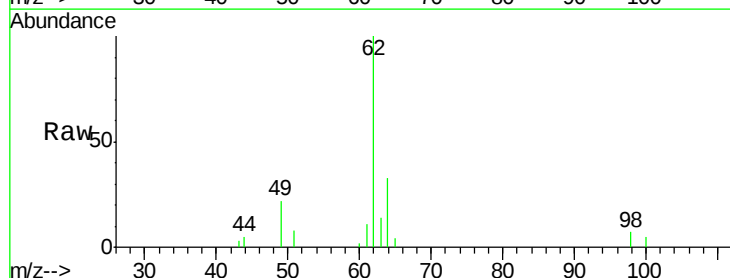
Acq: 5 Aug 2020 11:26

Tgt Ion: 62 Resp: 17192

Ion Ratio Lower Upper

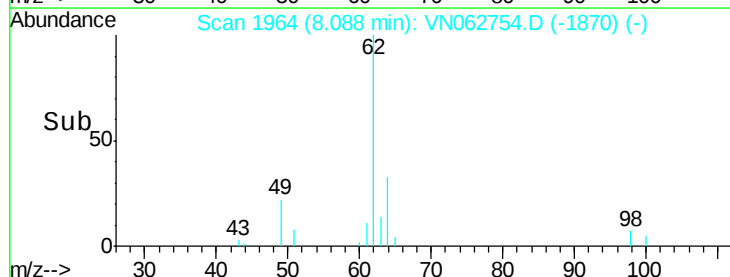
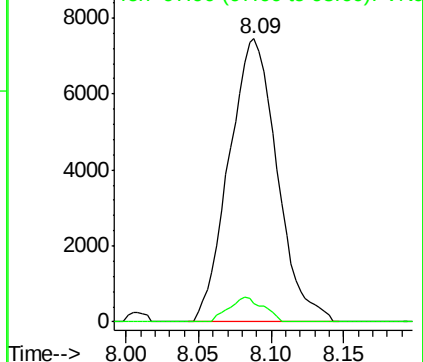
62 100

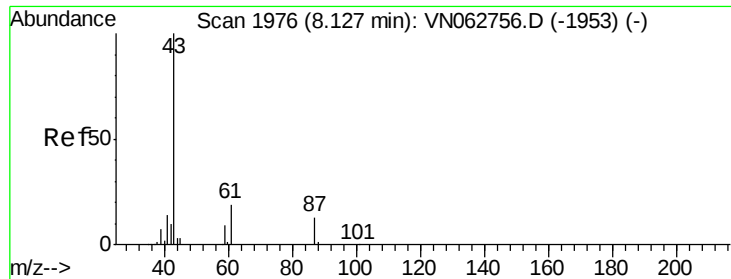
98 6.3 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

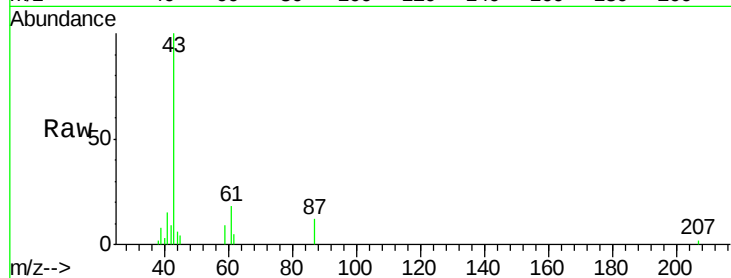




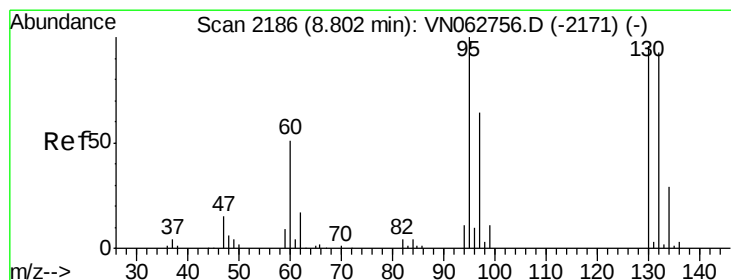
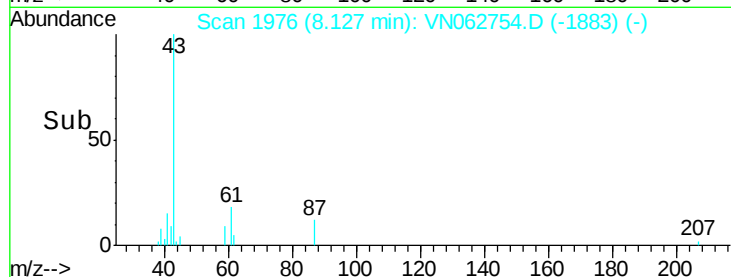
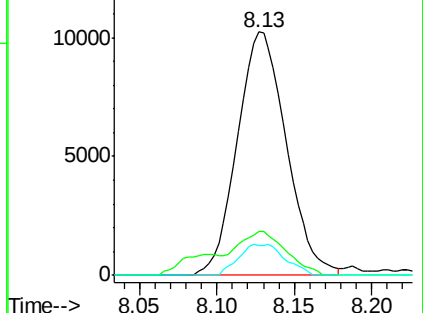
#43
Isopropyl Acetate
Concen: 5.069 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 22558
Ion Ratio Lower Upper
43 100
61 18.0 15.8 23.6
87 12.0 9.9 14.9

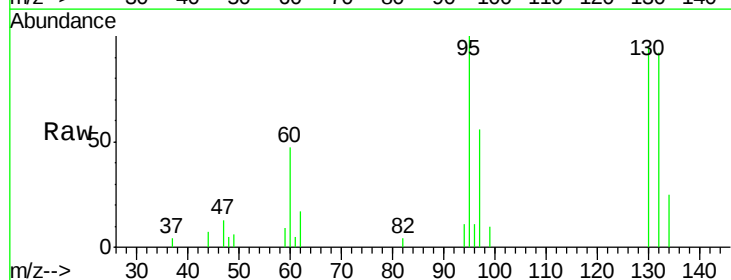


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

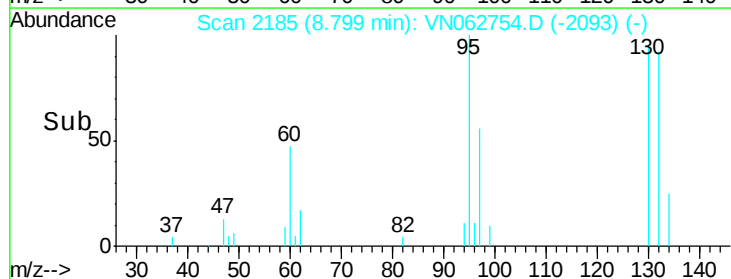
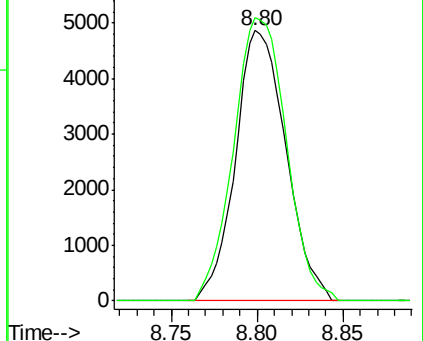


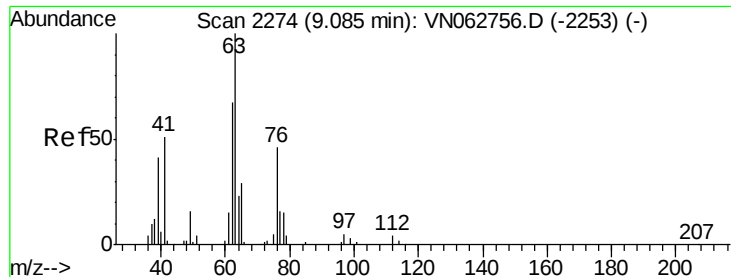
#44
Trichloroethene
Concen: 5.607 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Tgt Ion: 130 Resp: 9906
Ion Ratio Lower Upper
130 100
95 104.8 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: 4.867 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

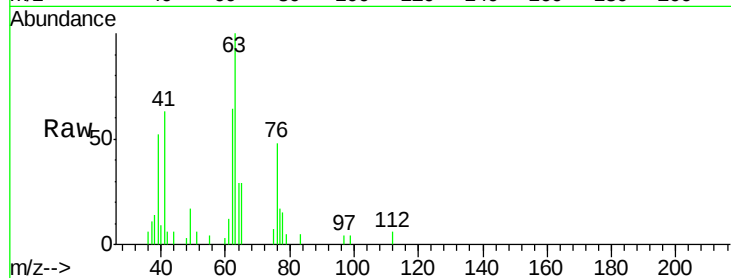
VSTDIC005

Tgt Ion: 63 Resp: 10591

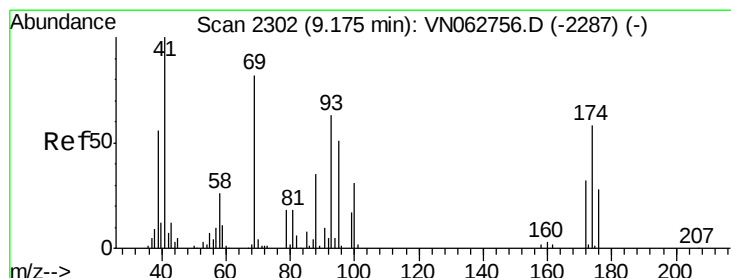
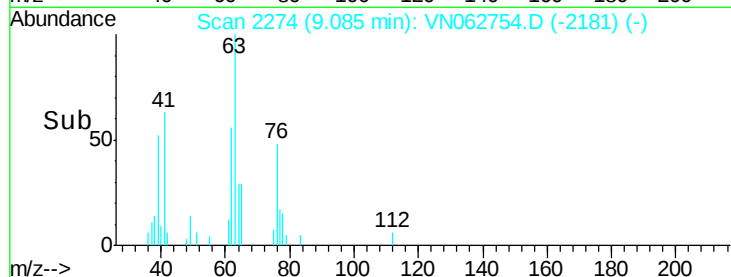
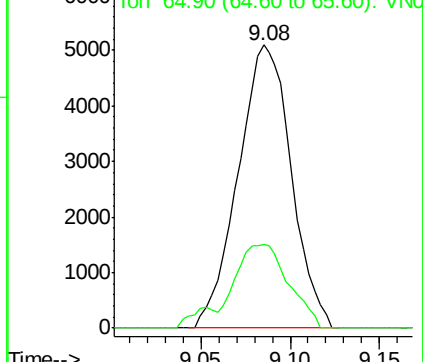
Ion Ratio Lower Upper

63 100

65 29.3 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VN062754.D (-2181) (-)



#46

Dibromomethane

Concen: 5.623 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

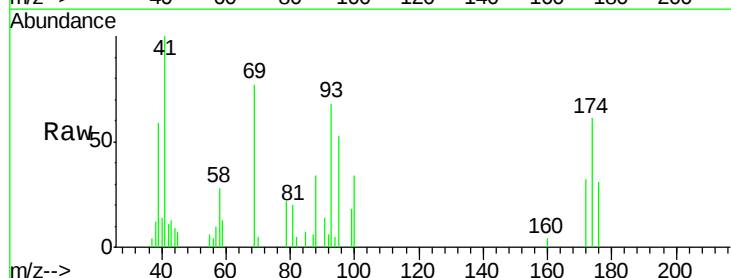
Tgt Ion: 93 Resp: 7192

Ion Ratio Lower Upper

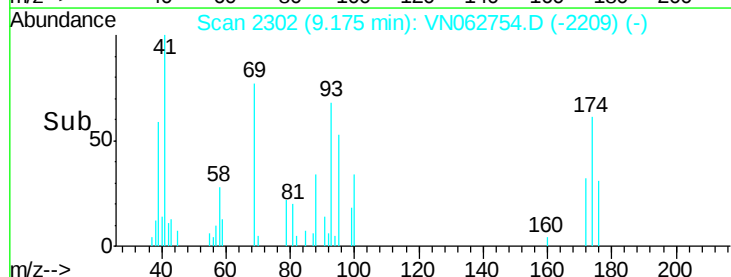
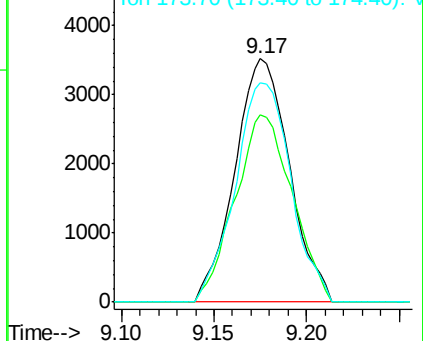
93 100

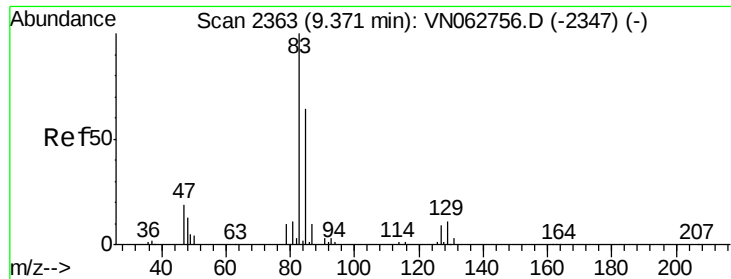
95 81.1 65.1 97.7

174 91.9 73.9 110.9



Abundance Ion 92.80 (92.50 to 93.50): VN062754.D (-2209) (-)

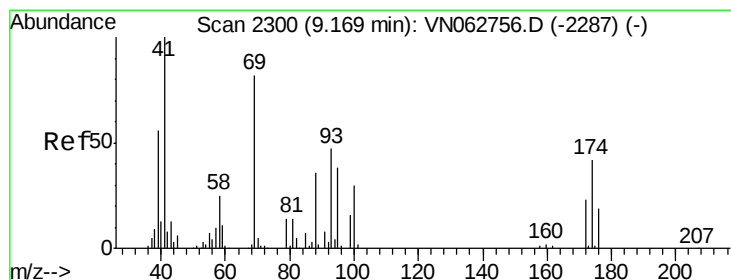
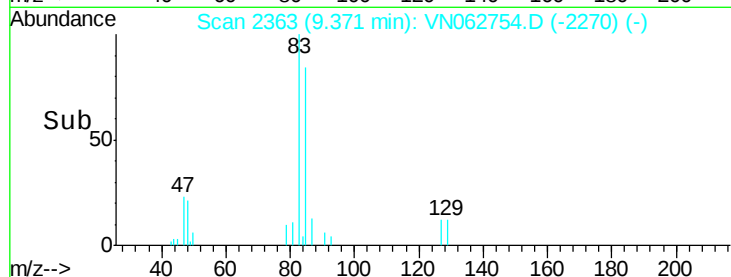
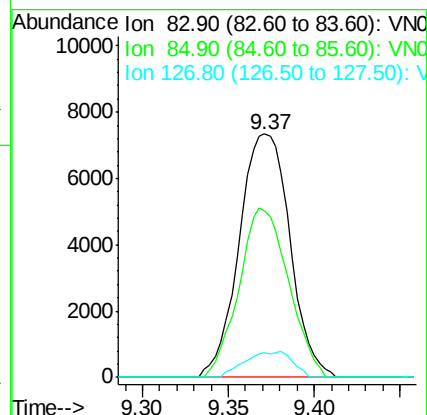
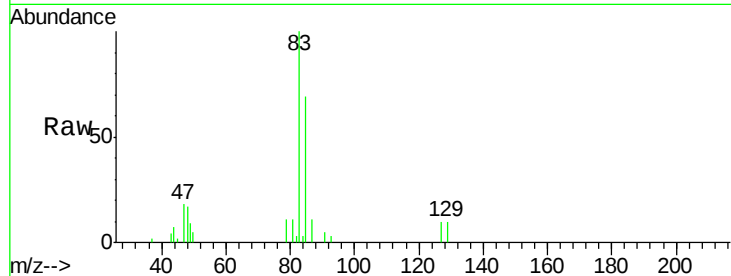




#47
Bromodichloromethane
Concen: 5.368 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

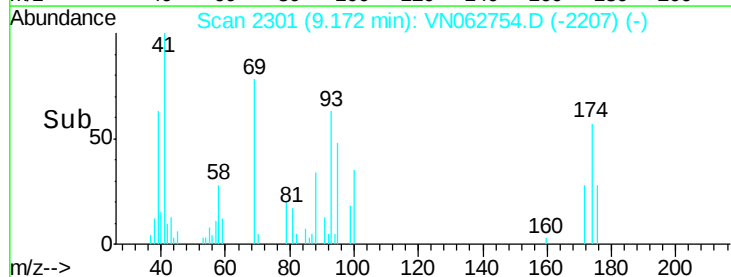
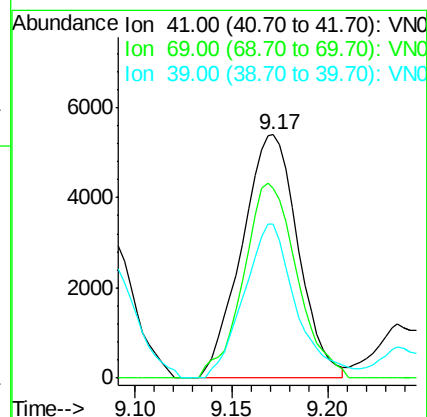
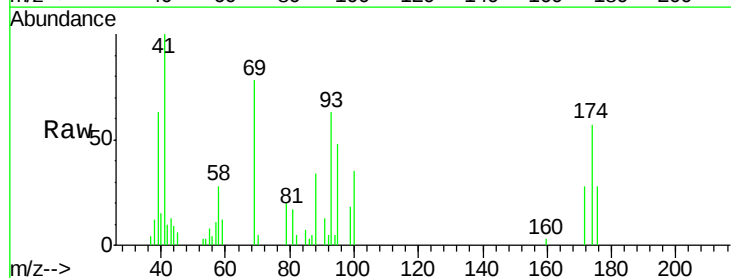
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 15049
Ion Ratio Lower Upper
83 100
85 68.8 51.4 77.0
127 10.0 6.9 10.3



#48
Methyl methacrylate
Concen: 5.108 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Tgt Ion: 41 Resp: 10906
Ion Ratio Lower Upper
41 100
69 75.9 67.4 101.2
39 59.2 47.6 71.4

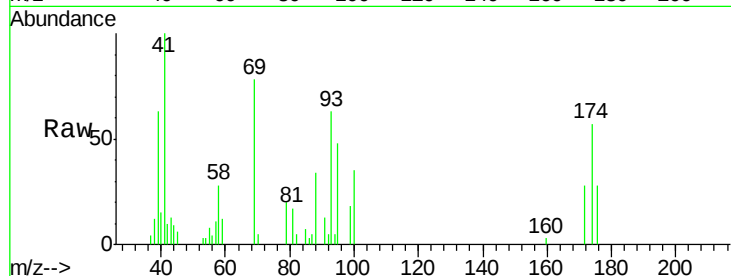




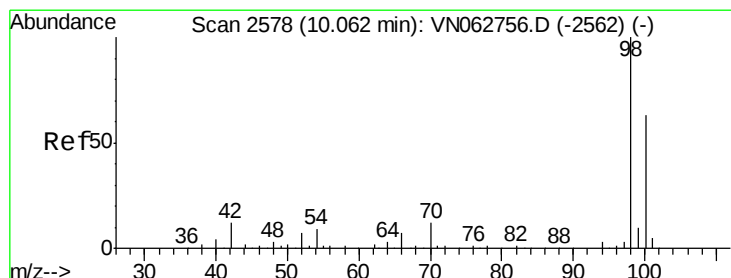
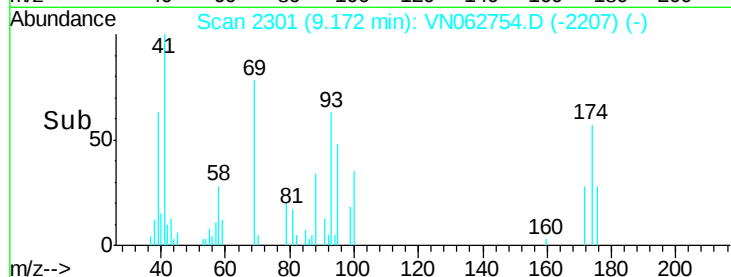
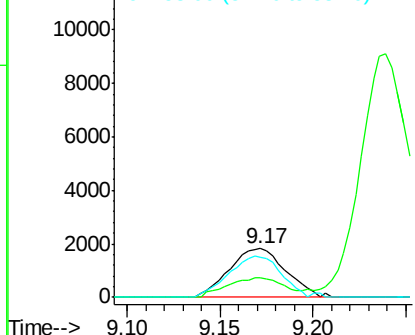
#49
1,4-Dioxane
Concen: 113.604 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 3881
Ion Ratio Lower Upper
88 100
43 38.9 29.5 44.3
58 77.1 59.8 89.8

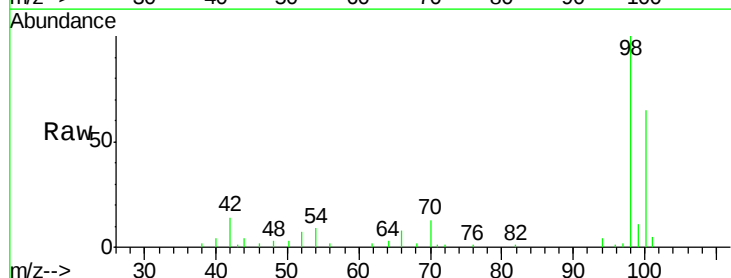


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

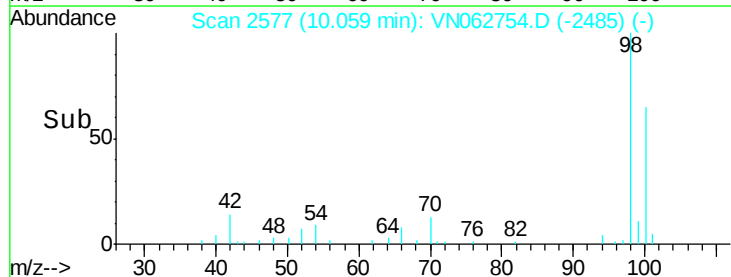
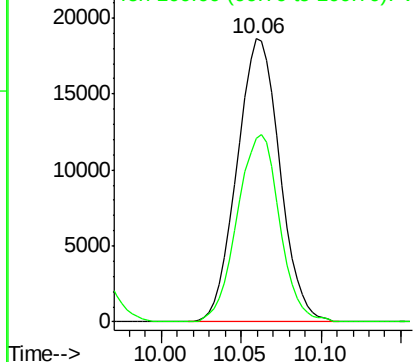


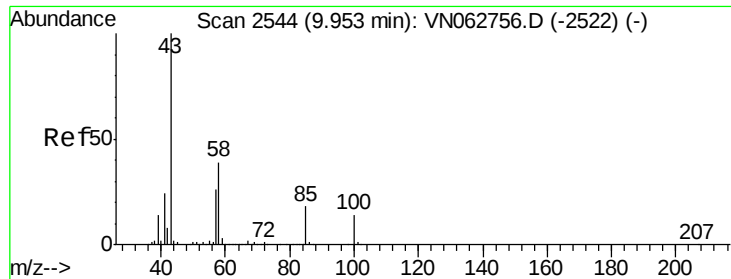
#50
Toluene-d8
Concen: 5.293 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Tgt Ion: 98 Resp: 34118
Ion Ratio Lower Upper
98 100
100 65.3 50.9 76.3



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

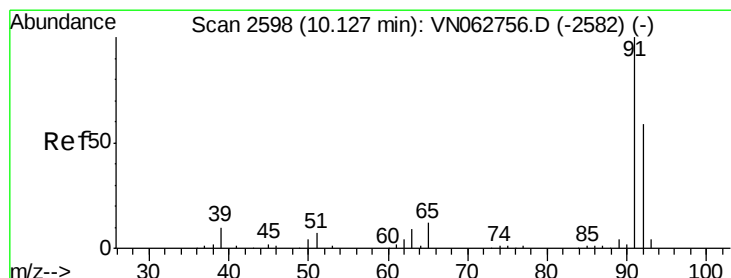
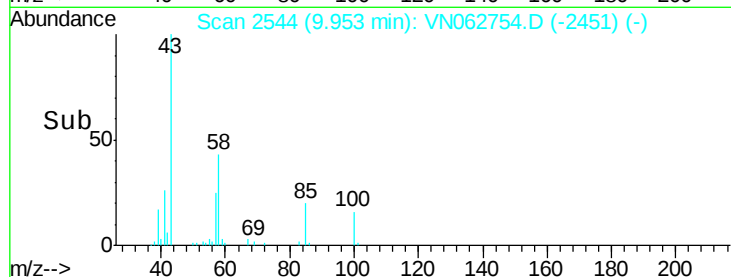
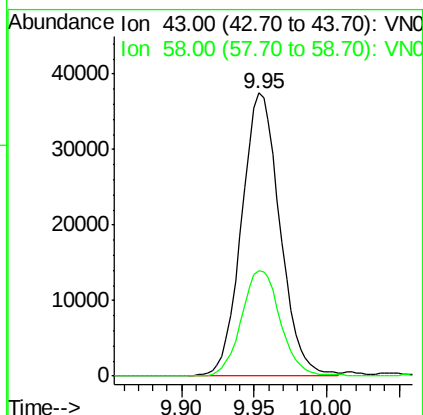
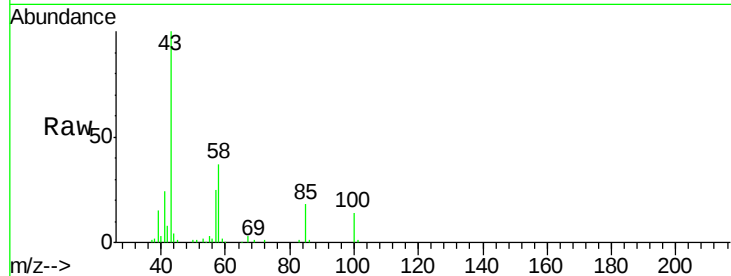




#51
 4-Methyl-2-Pentanone
 Concen: 25.515 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

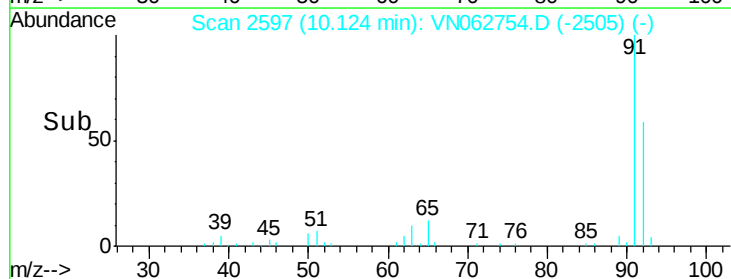
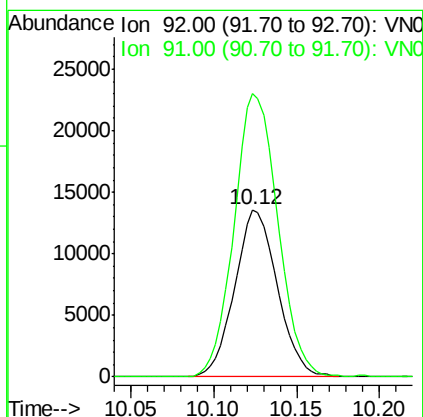
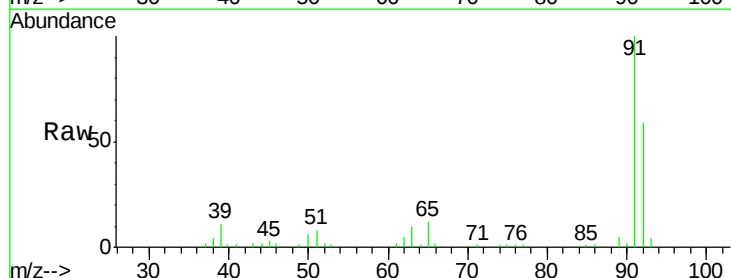
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

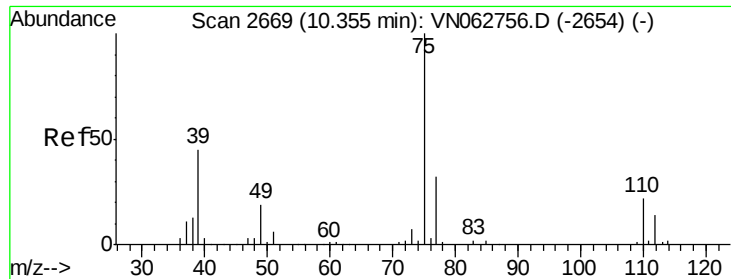
Tgt Ion: 43 Resp: 69156
 Ion Ratio Lower Upper
 43 100
 58 37.8 31.1 46.7



#52
 Toluene
 Concen: 5.330 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Tgt Ion: 92 Resp: 24256
 Ion Ratio Lower Upper
 92 100
 91 174.1 138.9 208.3

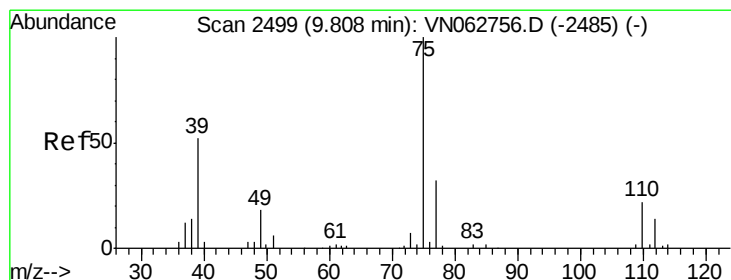
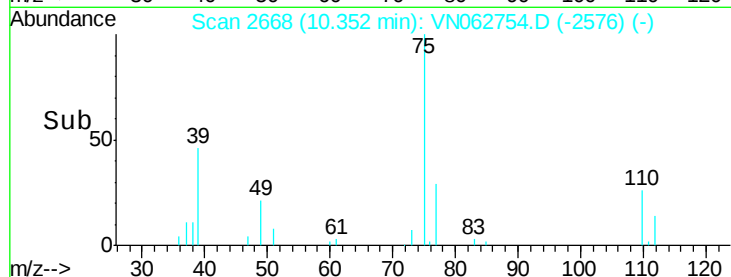
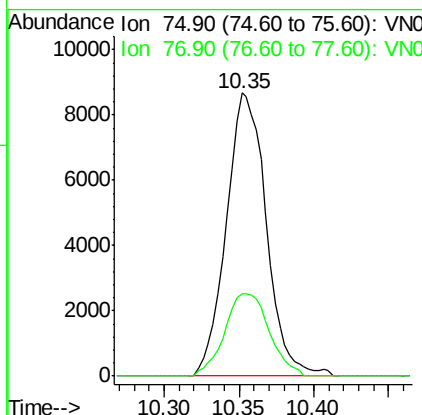
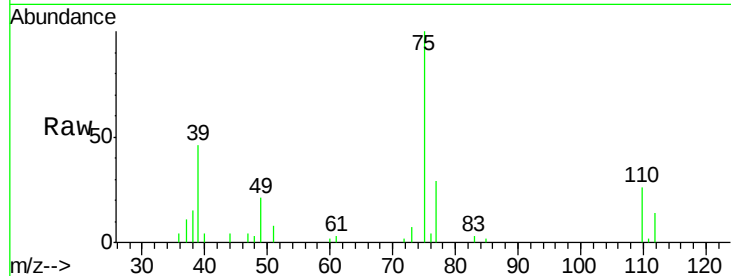




#53
 t-1,3-Dichloropropene
 Concen: 5.217 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

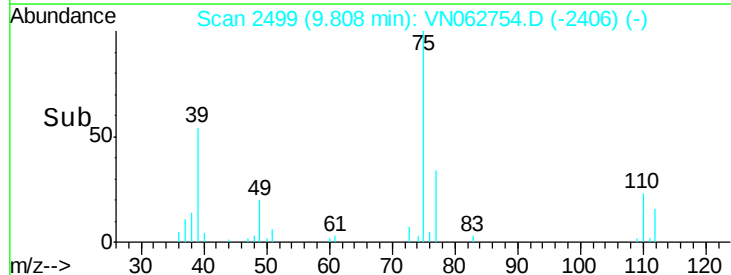
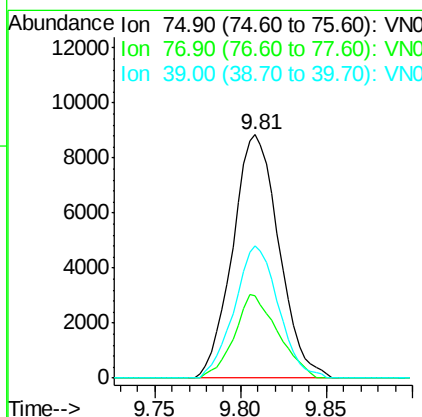
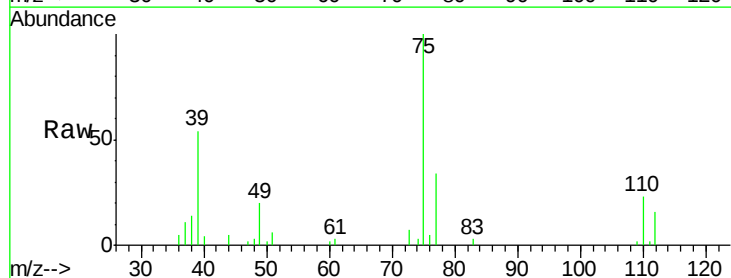
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

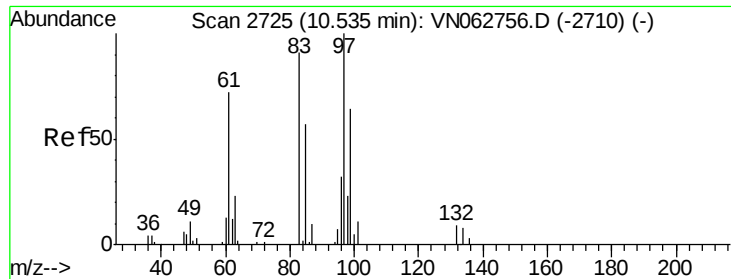
Tgt Ion: 75 Resp: 16166
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 5.048 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Tgt Ion: 75 Resp: 16550
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.5 38.3
 39 54.2 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 5.405 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 9641

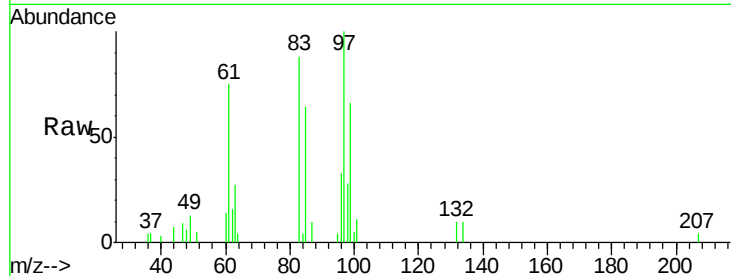
Ion Ratio Lower Upper

97 100

83 87.9 72.6 108.8

85 64.1 46.0 69.0

99 65.8 51.1 76.7

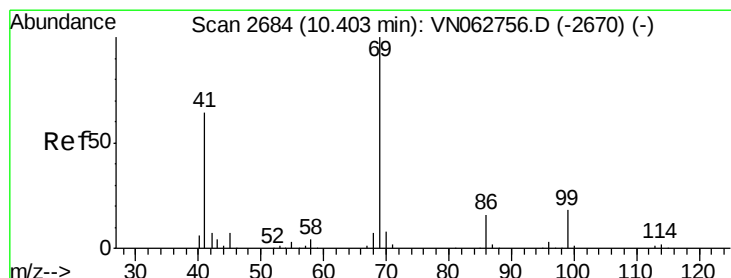
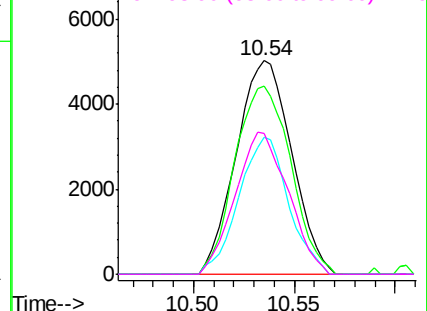
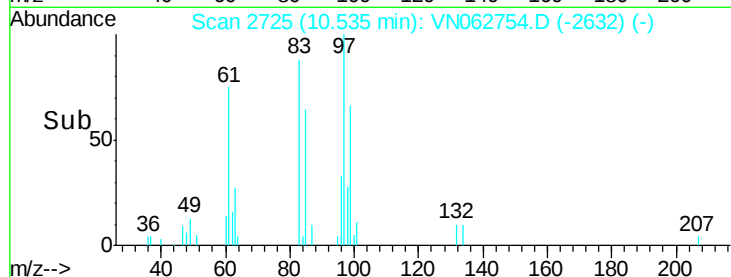


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 4.887 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

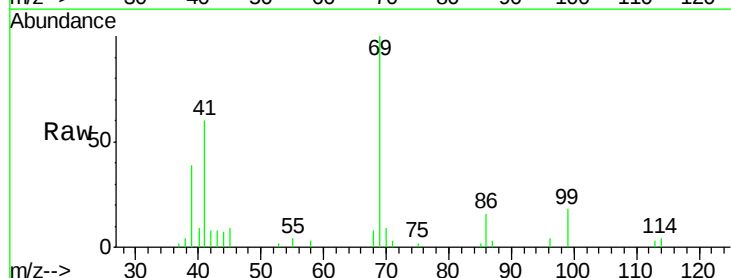
Tgt Ion: 69 Resp: 13906

Ion Ratio Lower Upper

69 100

41 61.6 52.2 78.2

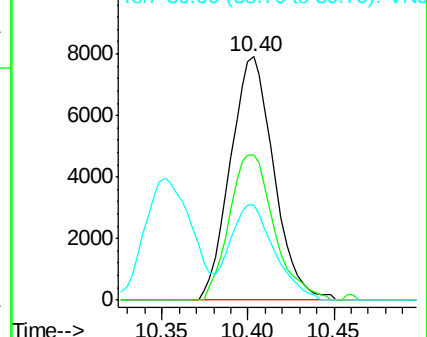
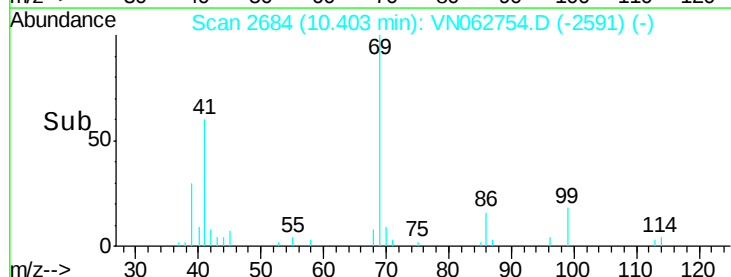
39 39.9 30.9 46.3

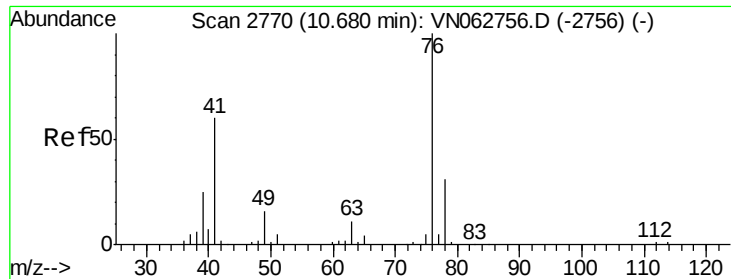


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

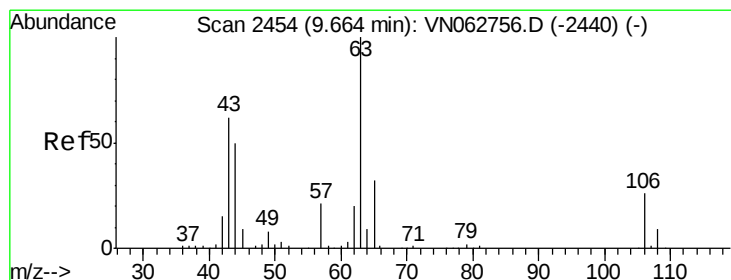
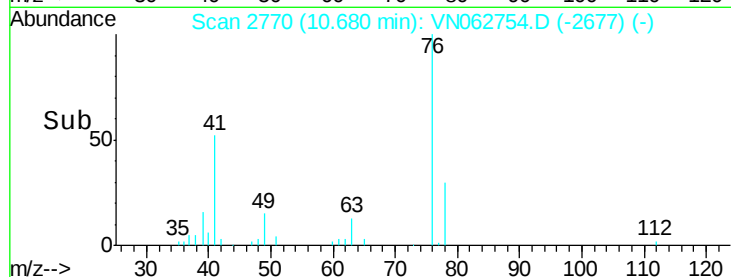
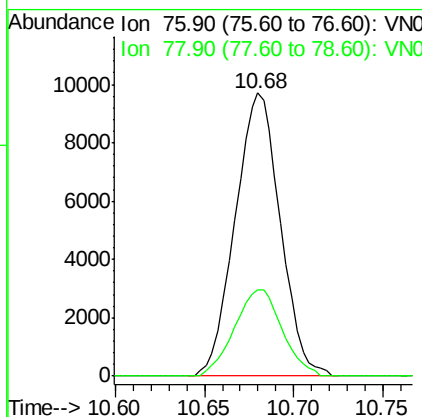
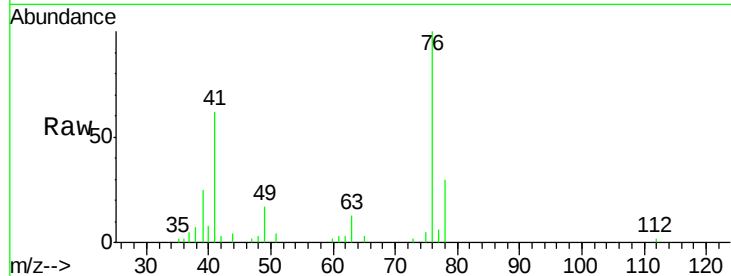




#57
 1,3-Dichloropropane
 Concen: 5.269 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

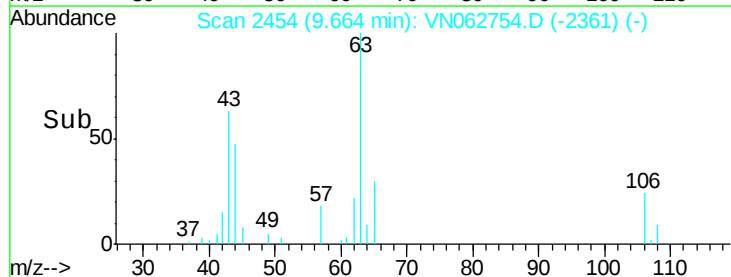
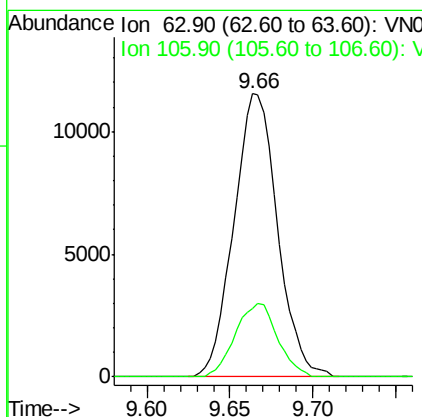
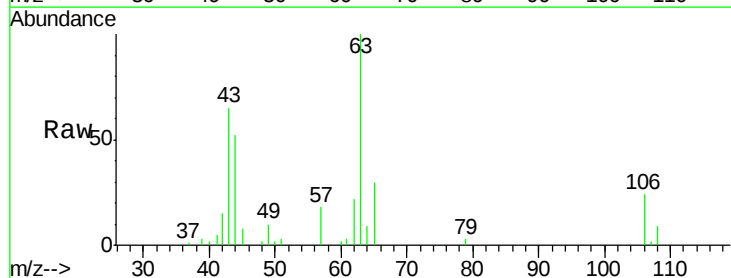
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

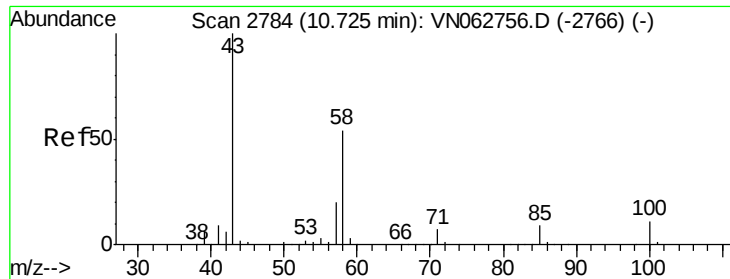
Tgt Ion: 76 Resp: 17127
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 26.259 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Tgt Ion: 63 Resp: 21063
 Ion Ratio Lower Upper
 63 100
 106 25.1 20.9 31.3

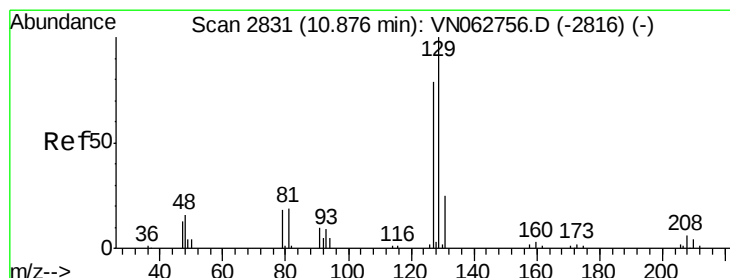
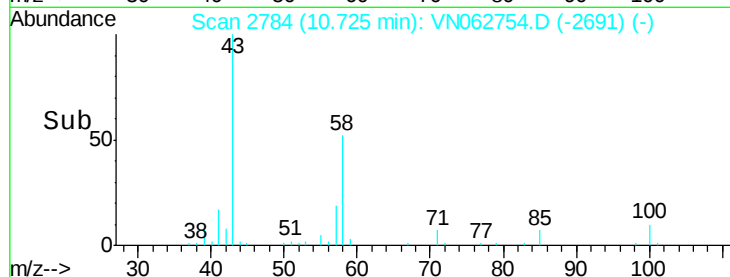
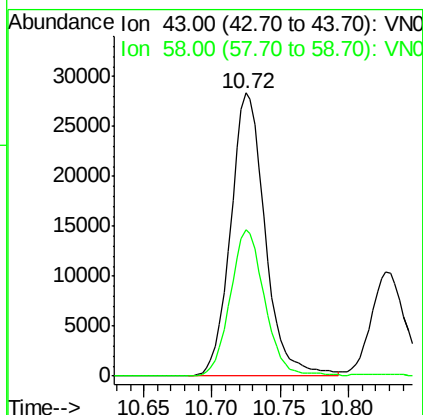
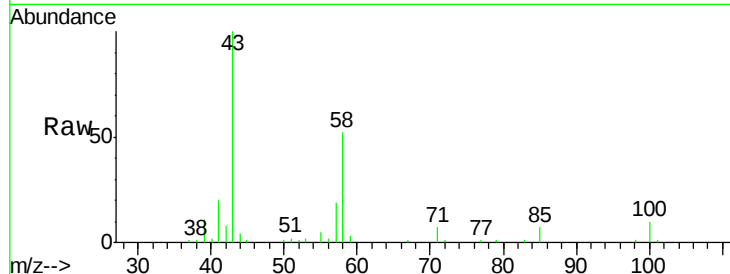




#59
2-Hexanone
Concen: 25.736 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

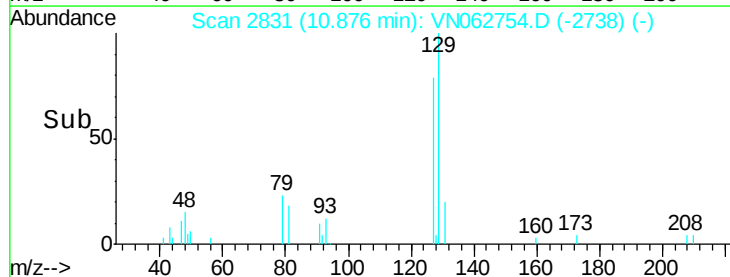
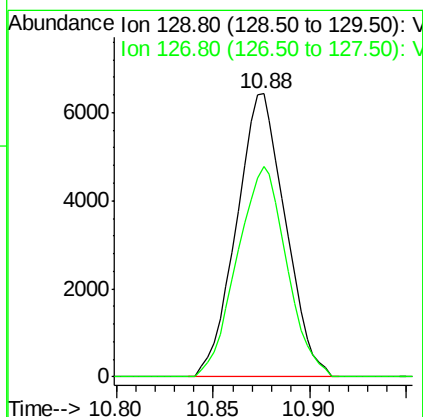
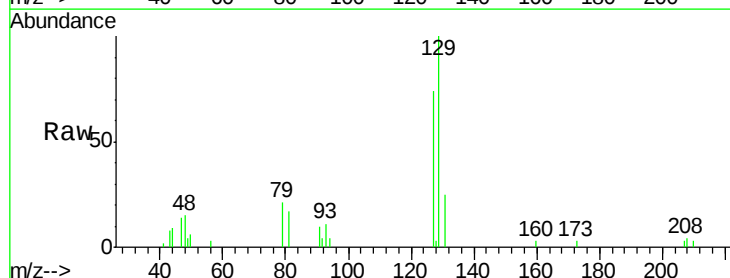
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

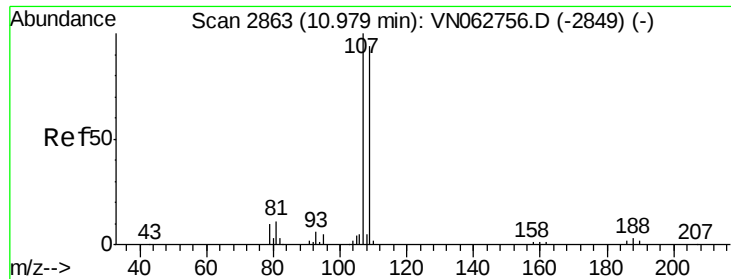
Tgt Ion: 43 Resp: 49869
Ion Ratio Lower Upper
43 100
58 51.6 26.7 80.1



#60
Dibromochloromethane
Concen: 5.619 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Tgt Ion: 129 Resp: 11285
Ion Ratio Lower Upper
129 100
127 75.4 39.1 117.2

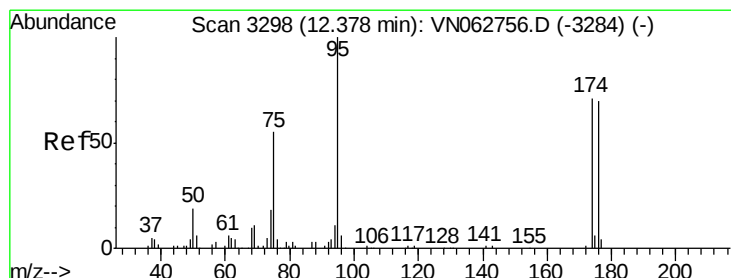
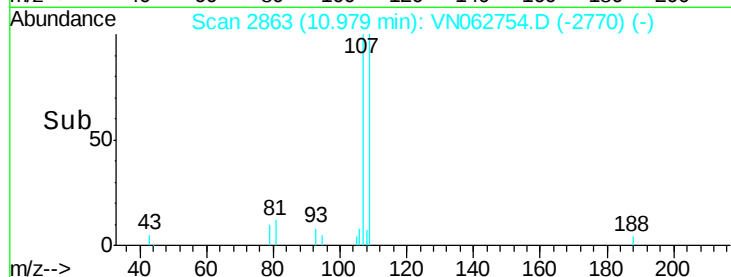
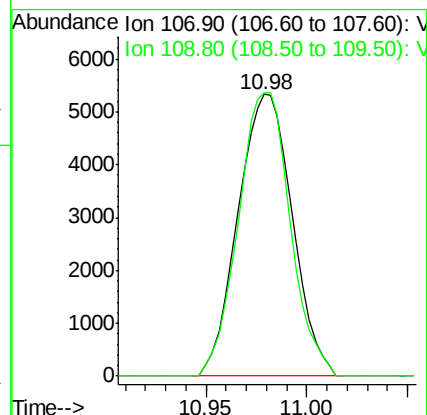
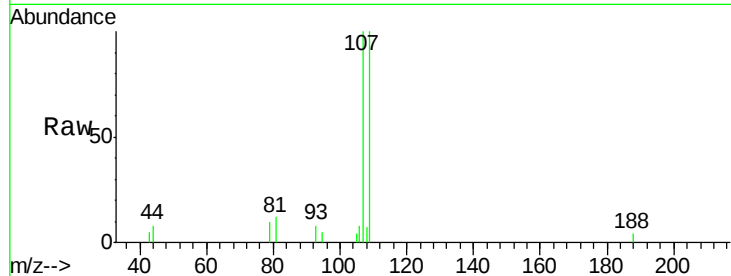




#61
 1,2-Dibromoethane
 Concen: 5.405 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

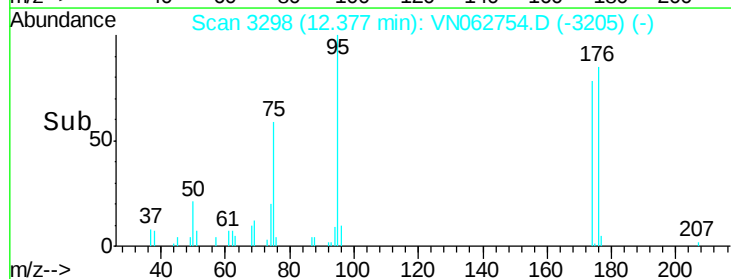
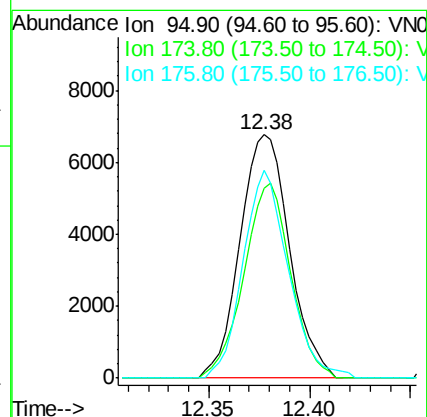
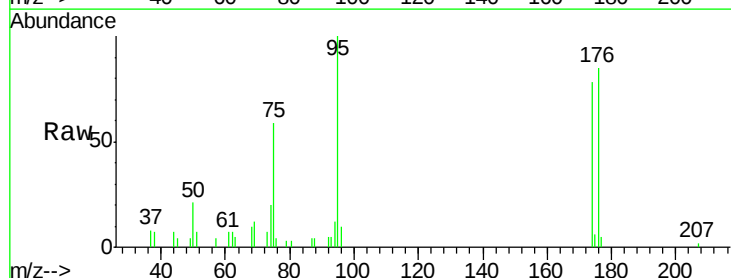
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

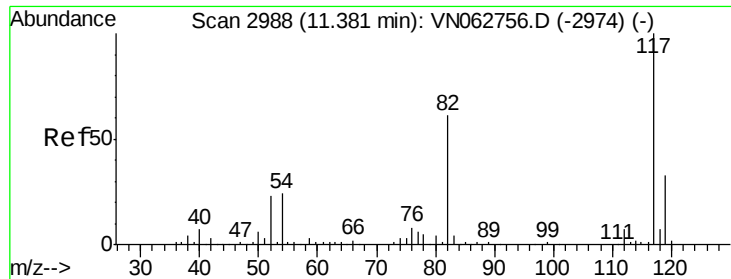
Tgt Ion: 107 Resp: 10009
 Ion Ratio Lower Upper
 107 100
 109 96.4 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 4.904 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Tgt Ion: 95 Resp: 11637
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 144.8
 176 78.0 0.0 142.2

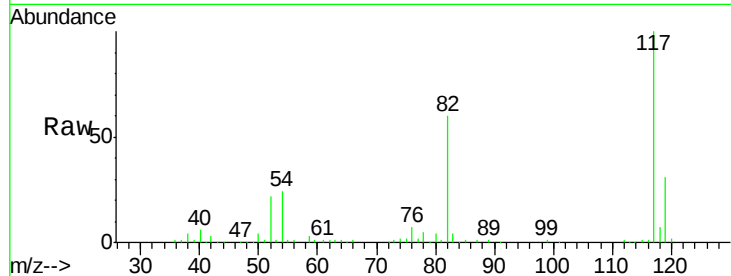




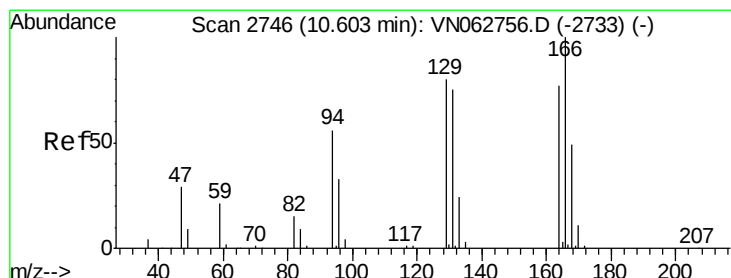
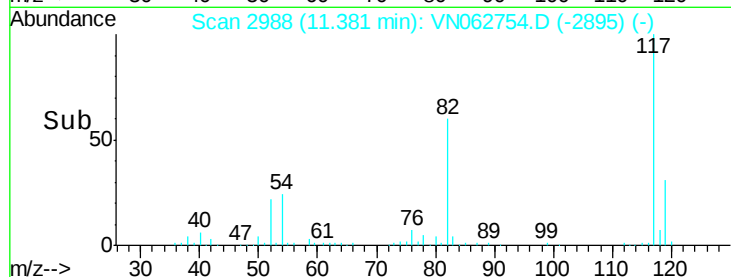
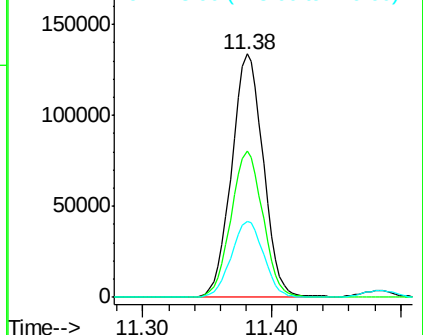
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 228009
Ion Ratio Lower Upper
117 100
82 60.0 49.0 73.4
119 31.3 26.2 39.2

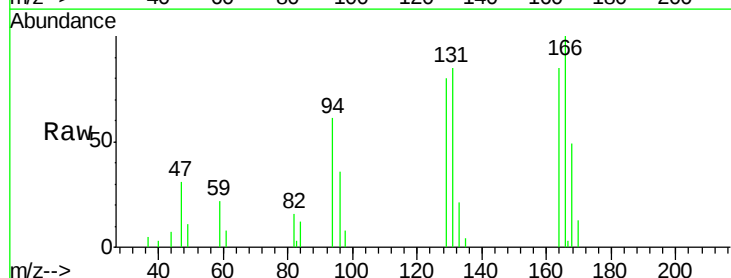


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

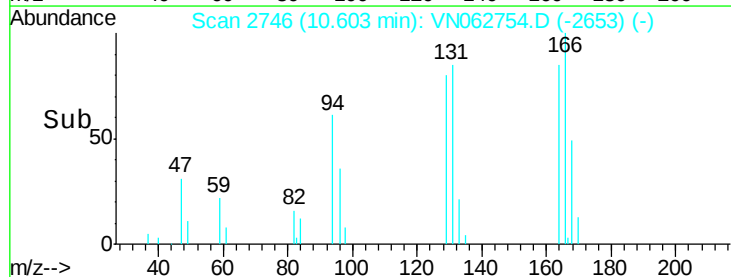
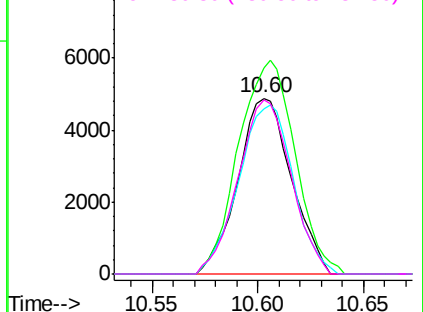


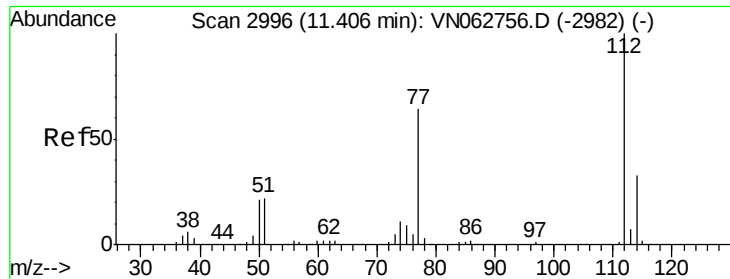
#64
Tetrachloroethene
Concen: 5.833 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Tgt Ion:164 Resp: 8631
Ion Ratio Lower Upper
164 100
166 117.1 103.8 155.8
129 94.1 82.7 124.1
131 99.1 78.2 117.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

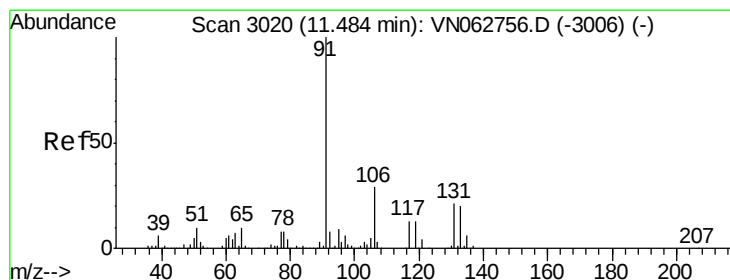
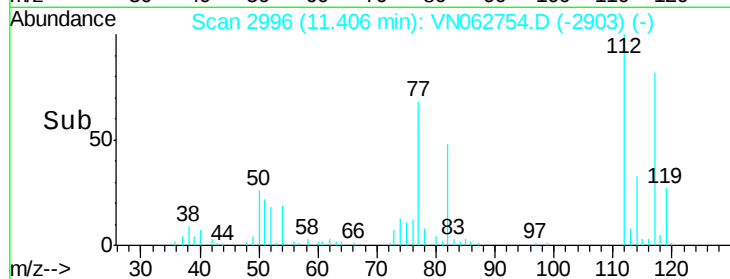
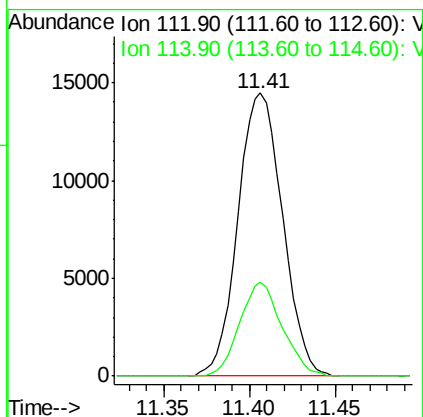
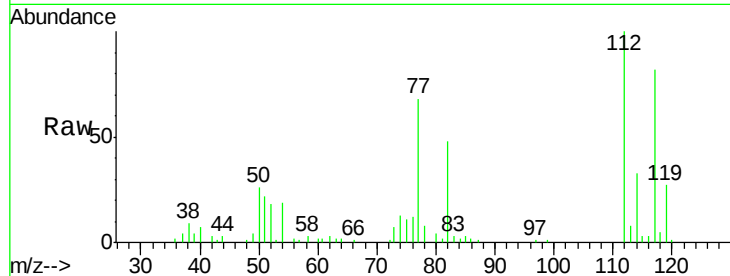




#65
Chlorobenzene
Concen: 5.486 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

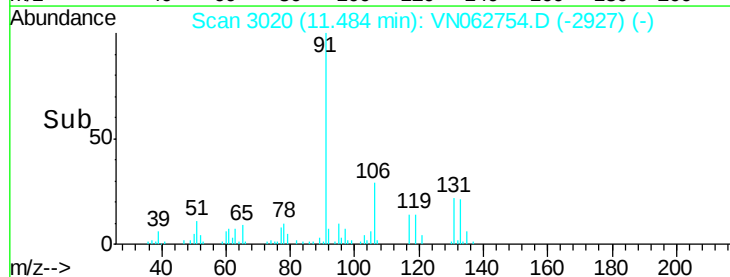
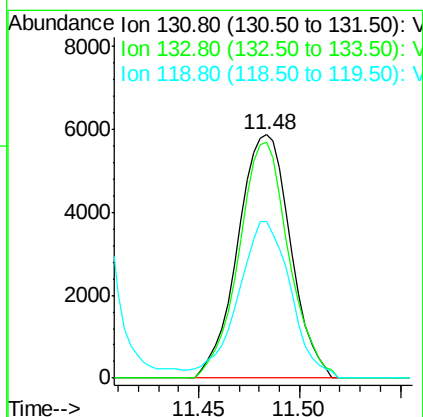
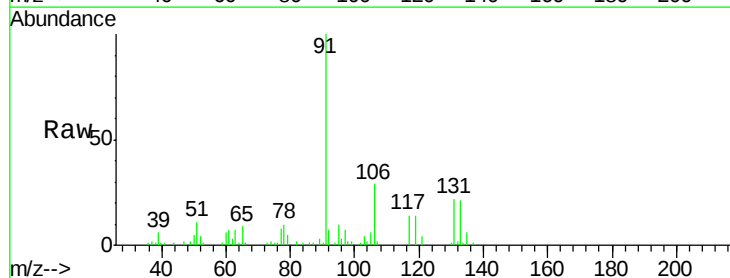
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

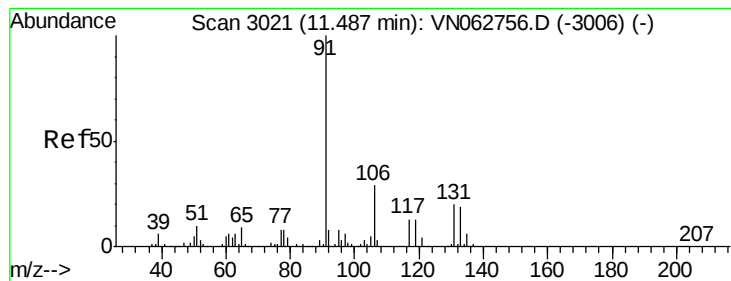
Tgt Ion:112 Resp: 26164
Ion Ratio Lower Upper
112 100
114 33.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 5.880 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Tgt Ion:131 Resp: 10713
Ion Ratio Lower Upper
131 100
133 92.1 48.6 145.8
119 64.5 32.2 96.6





#67

Ethyl Benzene

Concen: 5.190 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

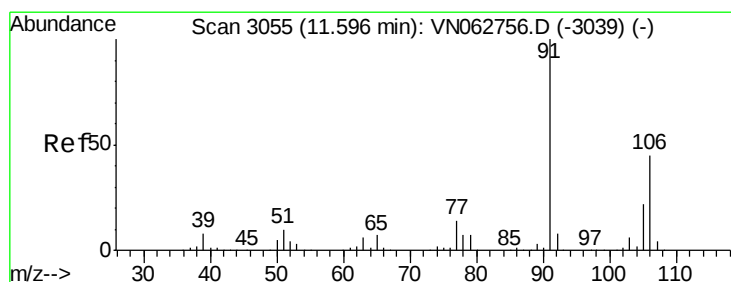
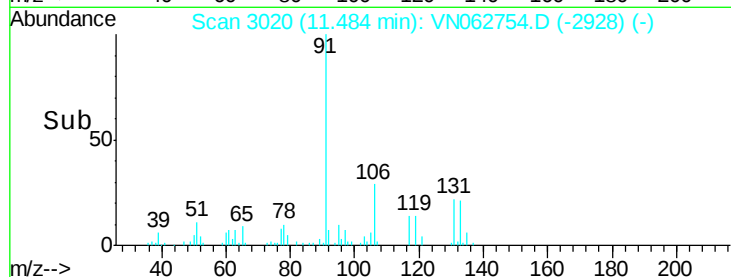
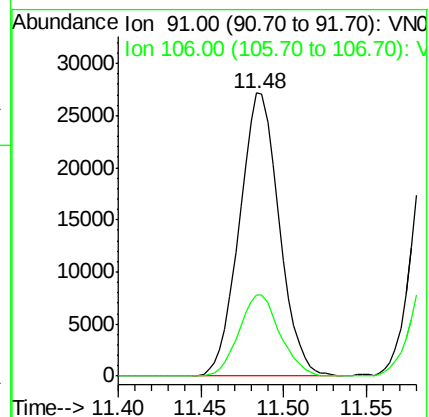
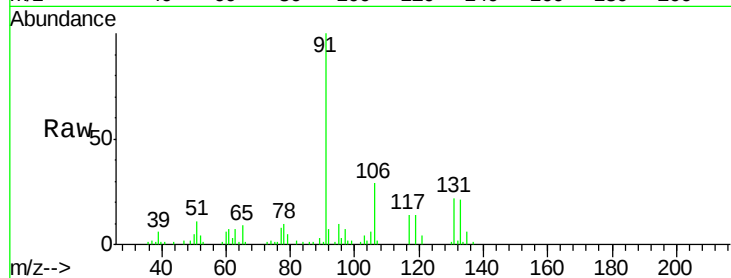
VSTDIC005

Tgt Ion: 91 Resp: 45353

Ion Ratio Lower Upper

91 100

106 28.5 23.2 34.8



#68

m/p-Xylenes

Concen: 10.171 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062754.D

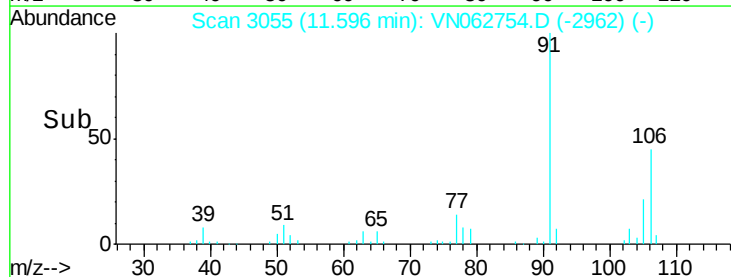
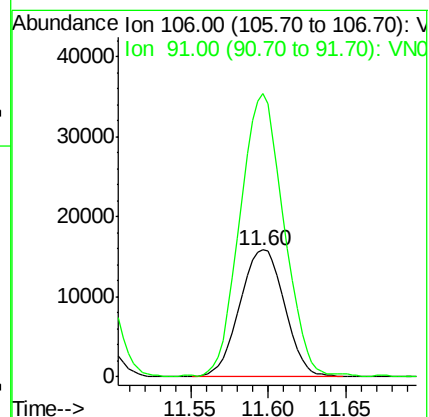
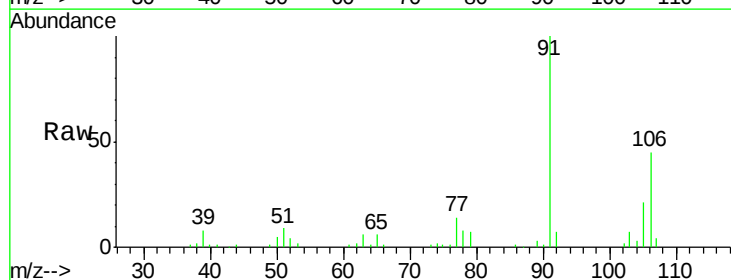
Acq: 5 Aug 2020 11:26

Tgt Ion: 106 Resp: 32025

Ion Ratio Lower Upper

106 100

91 216.9 175.9 263.9

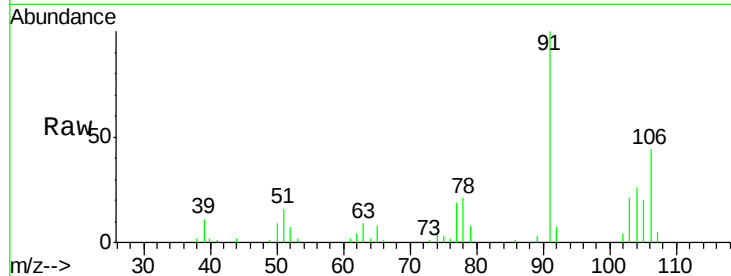




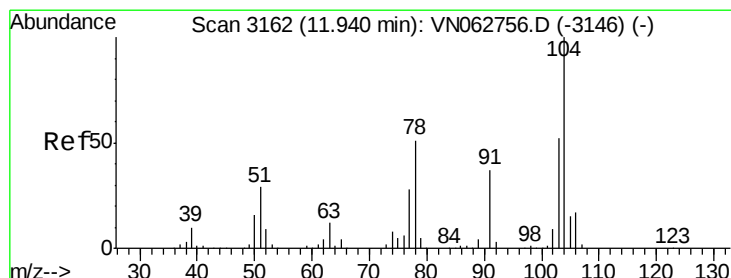
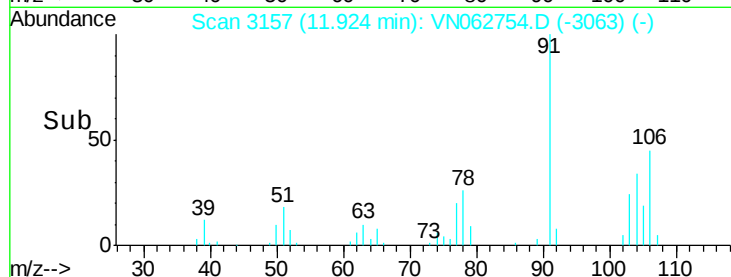
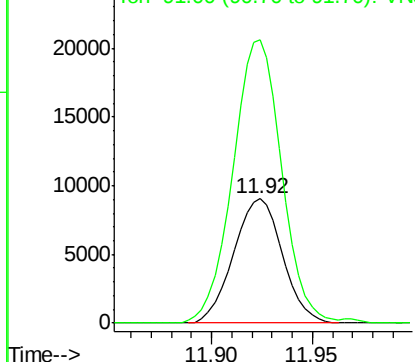
#69
o-Xylene
Concen: 5.139 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 15396
Ion Ratio Lower Upper
106 100
91 226.3 115.8 347.4

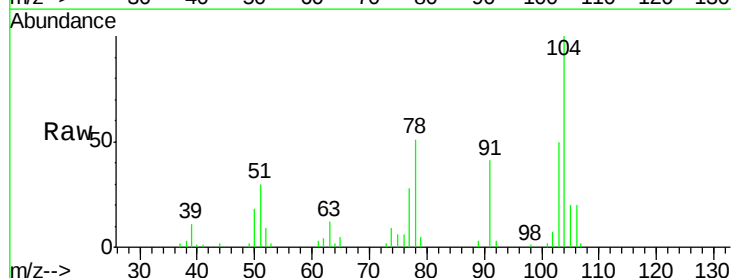


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

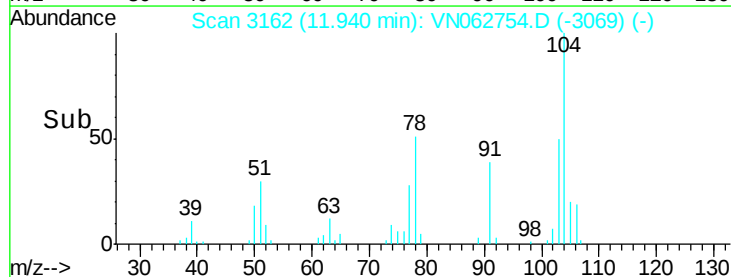
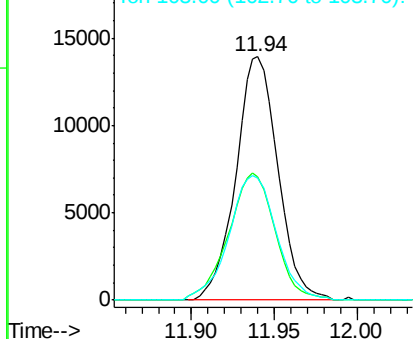


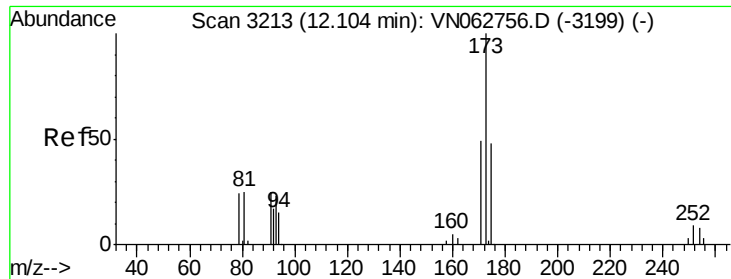
#70
Styrene
Concen: 4.852 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Tgt Ion:104 Resp: 24651
Ion Ratio Lower Upper
104 100
78 57.8 45.9 68.9
103 57.6 45.1 67.7



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

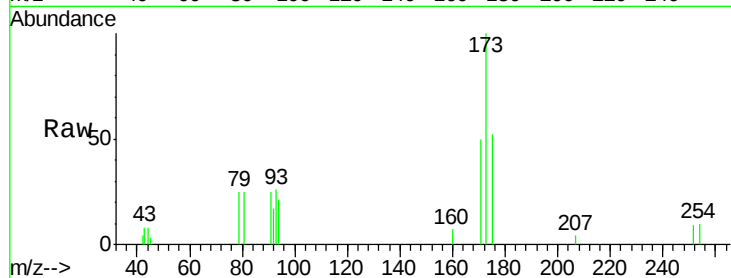




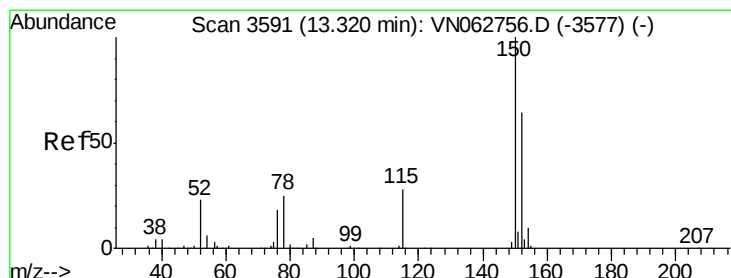
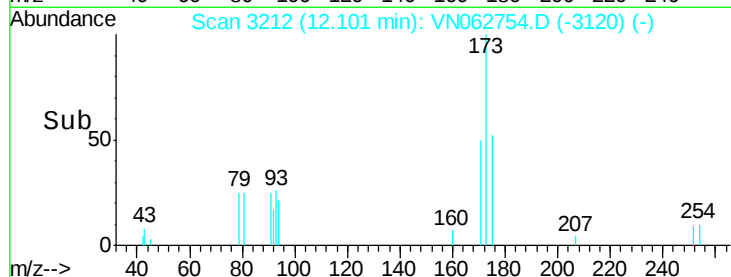
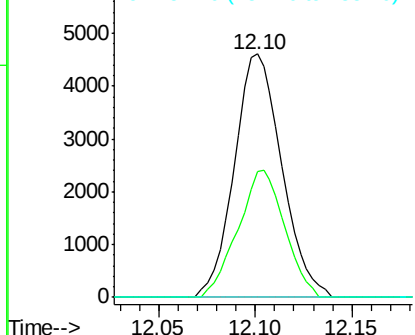
#71
Bromoform
Concen: 5.690 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 7876
Ion Ratio Lower Upper
173 100
175 51.4 24.0 72.0
254 0.0 0.0 0.0

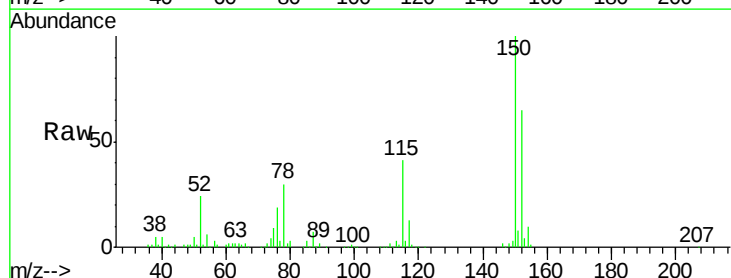


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

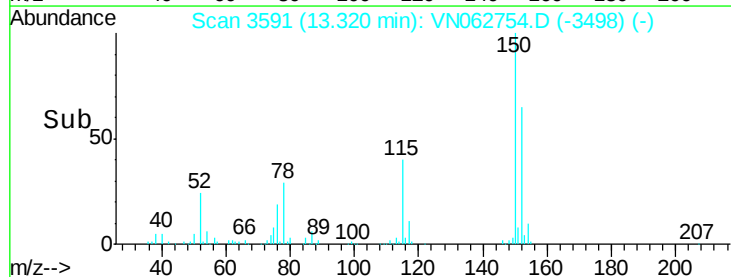
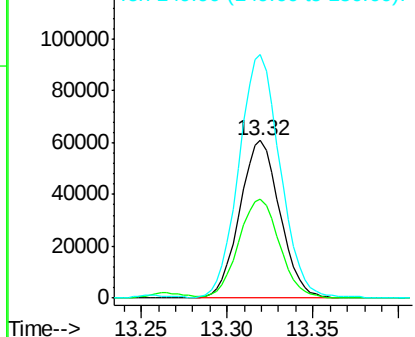


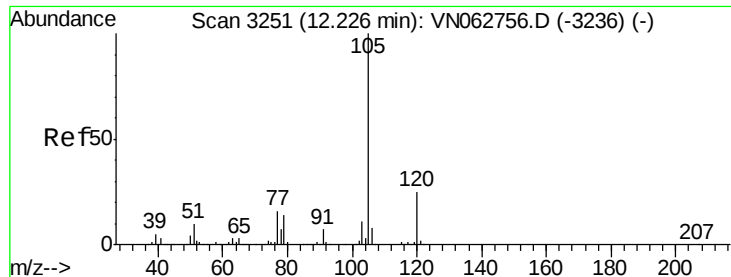
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Tgt Ion:152 Resp: 98932
Ion Ratio Lower Upper
152 100
115 64.4 31.6 94.8
150 157.3 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.311 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampled :

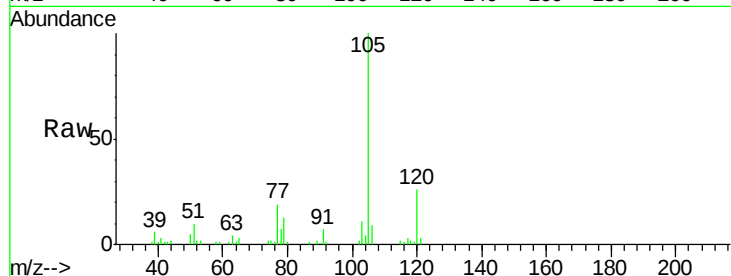
VSTDIC005

Tgt Ion: 105 Resp: 41368

Ion Ratio Lower Upper

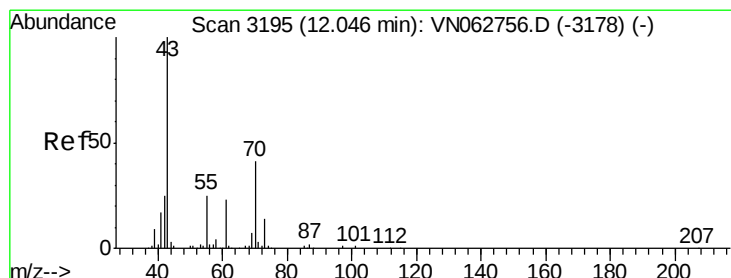
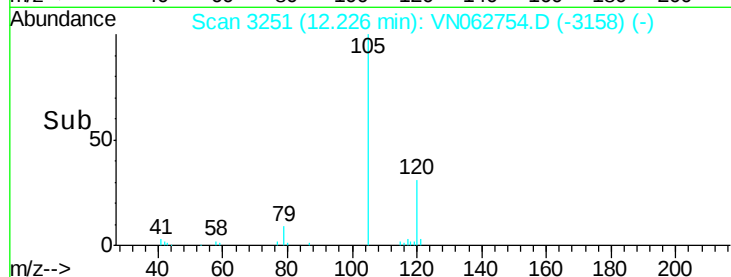
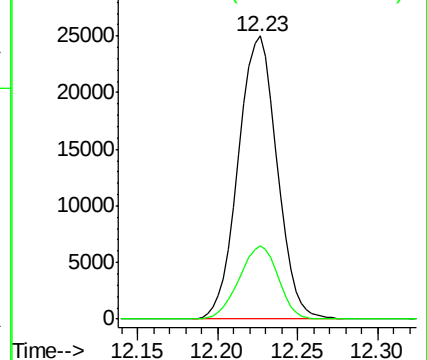
105 100

120 25.9 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.319 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Tgt Ion: 43 Resp: 14691

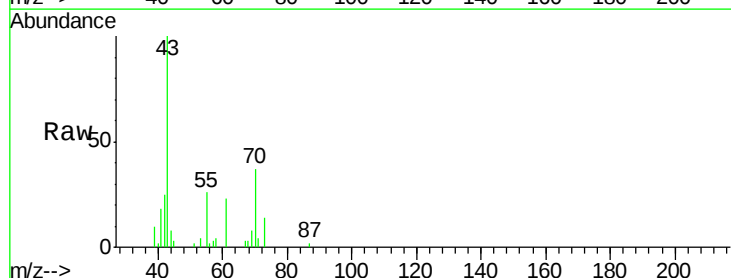
Ion Ratio Lower Upper

43 100

70 41.2 32.3 48.5

55 28.2 20.2 30.2

61 24.0 18.2 27.4

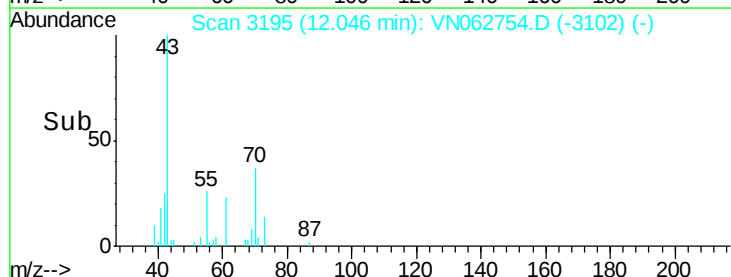
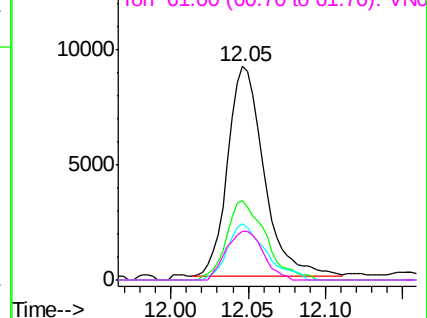


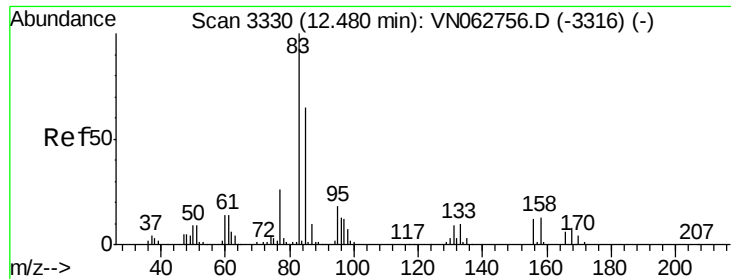
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 5.532 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

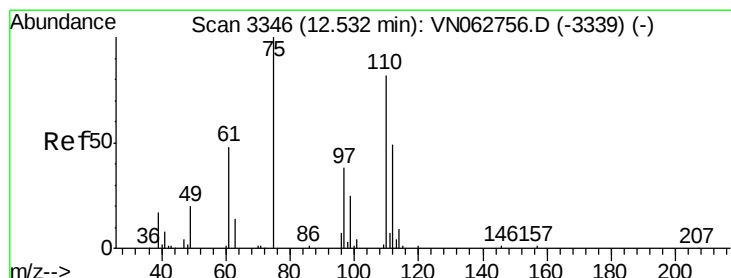
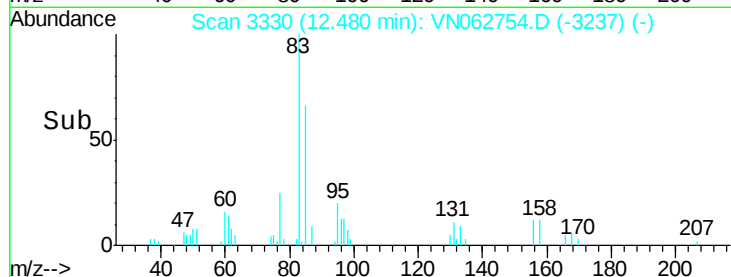
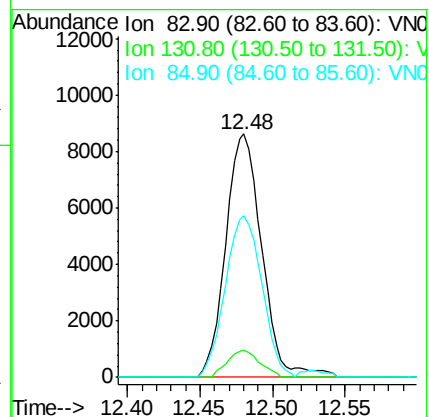
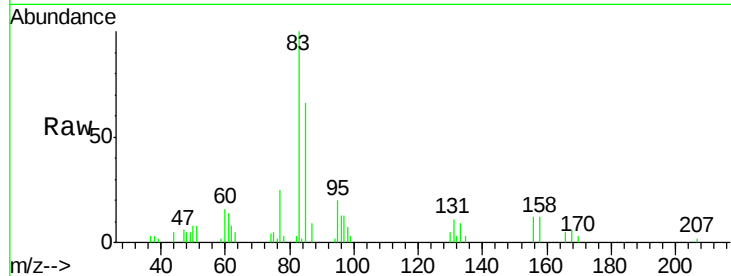
Tgt Ion: 83 Resp: 14923

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

85 67.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 7.900 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN062754.D

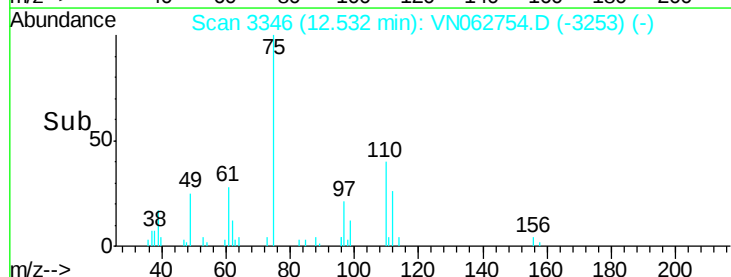
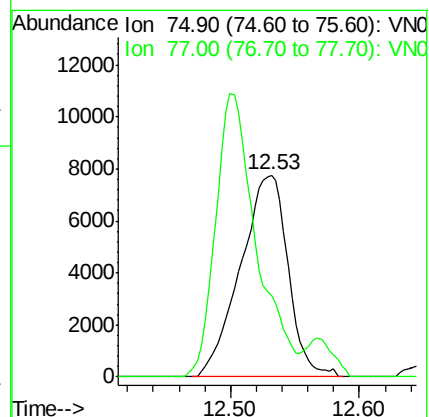
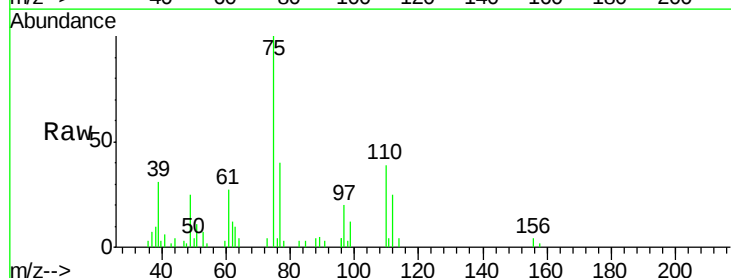
Acq: 5 Aug 2020 11:26

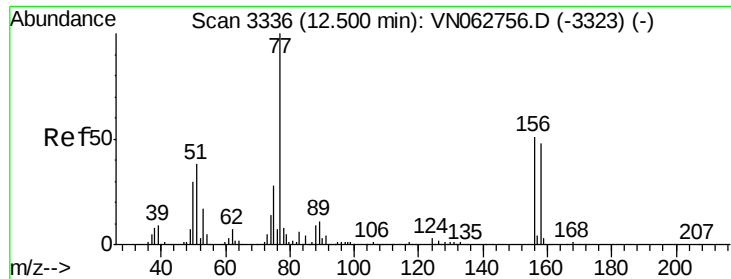
Tgt Ion: 75 Resp: 19986

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.535 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

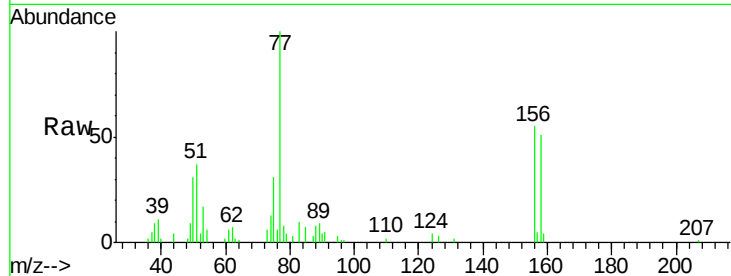
Tgt Ion:156 Resp: 10381

Ion Ratio Lower Upper

156 100

77 231.4 119.7 359.1

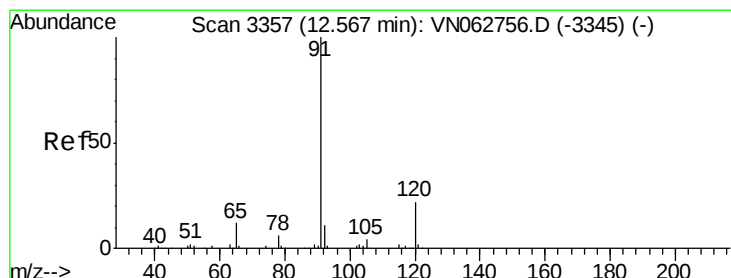
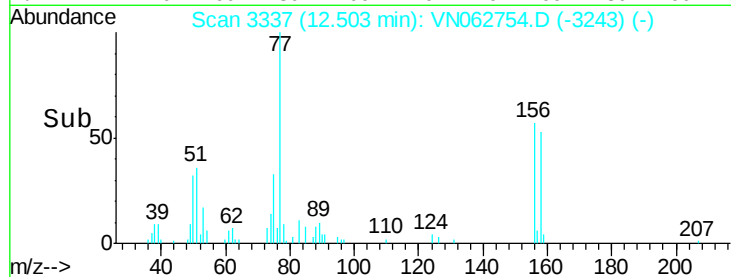
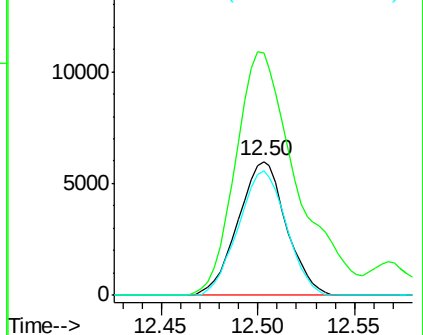
158 92.2 48.1 144.3



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: 5.213 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062754.D

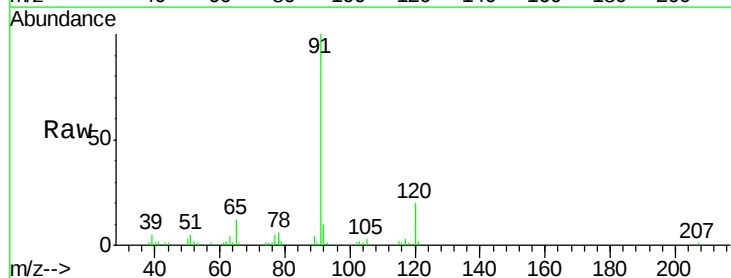
Acq: 5 Aug 2020 11:26

Tgt Ion: 91 Resp: 47468

Ion Ratio Lower Upper

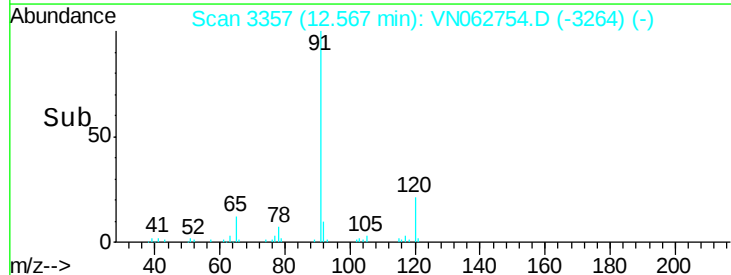
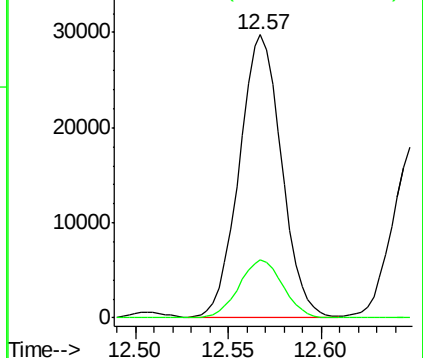
91 100

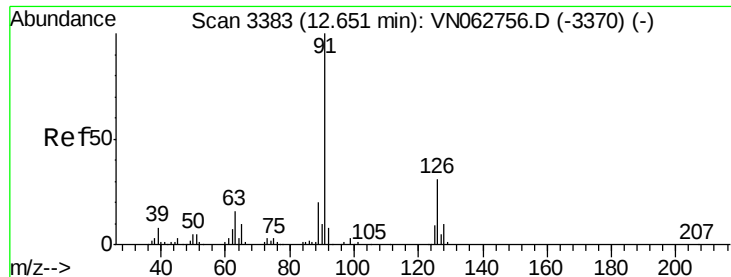
120 21.0 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.451 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

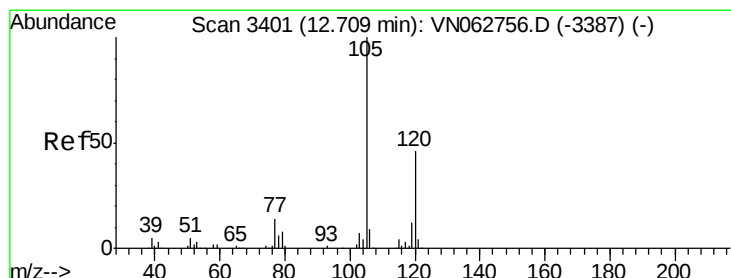
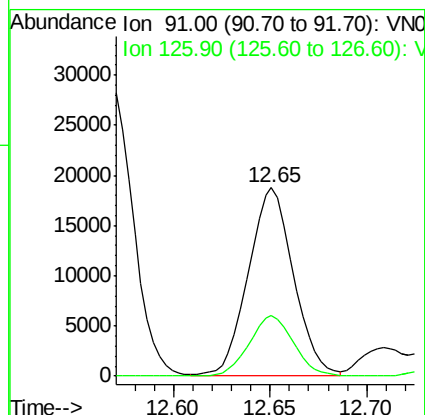
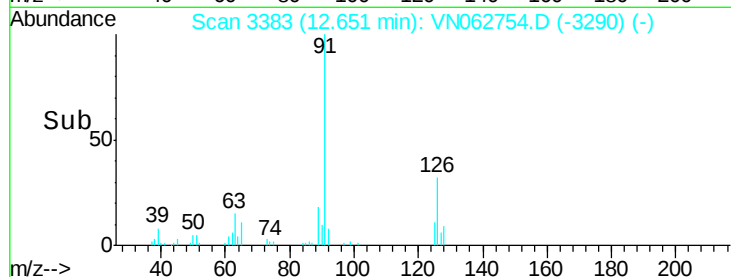
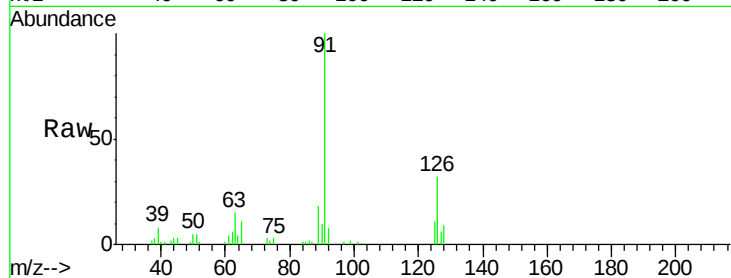
VSTDIC005

Tgt Ion: 91 Resp: 30666

Ion Ratio Lower Upper

91 100

126 31.3 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 5.359 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062754.D

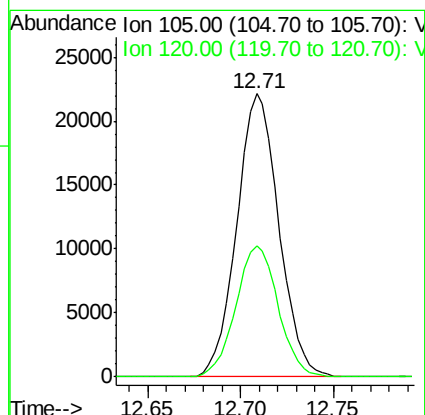
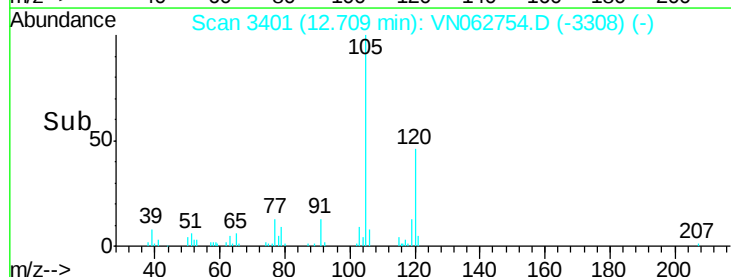
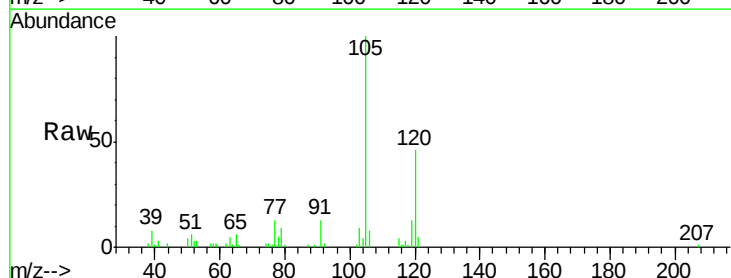
Acq: 5 Aug 2020 11:26

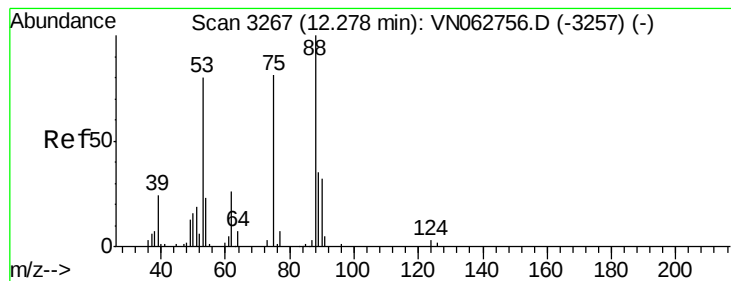
Tgt Ion: 105 Resp: 34785

Ion Ratio Lower Upper

105 100

120 46.5 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 4.897 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

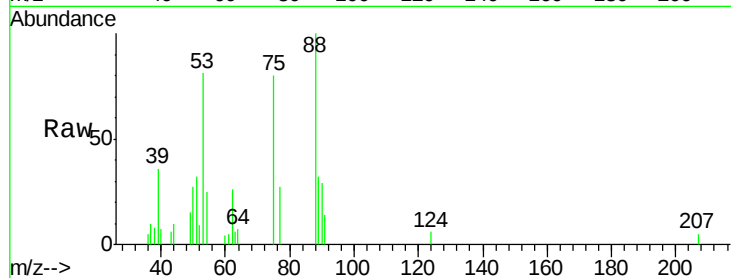
Tgt Ion: 75 Resp: 4431

Ion Ratio Lower Upper

75 100

53 107.2 79.1 118.7

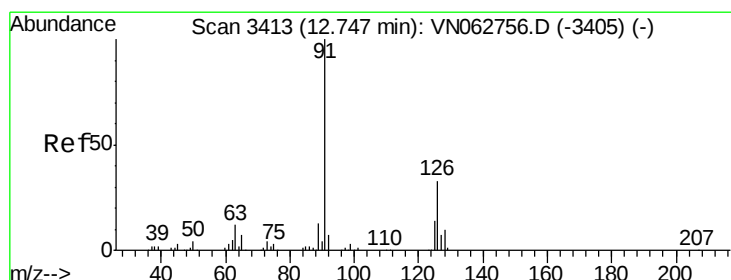
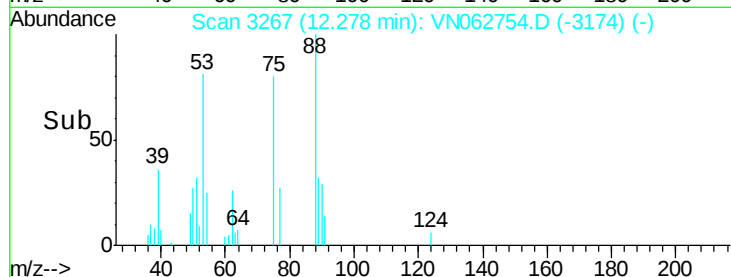
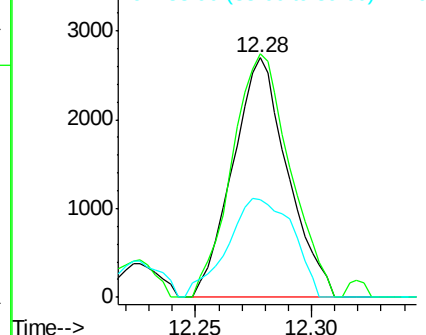
89 49.0 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 5.256 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062754.D

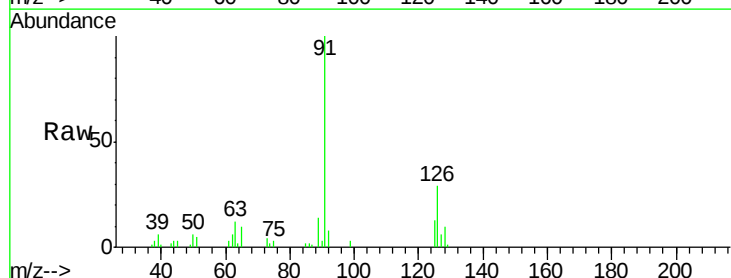
Acq: 5 Aug 2020 11:26

Tgt Ion: 91 Resp: 30799

Ion Ratio Lower Upper

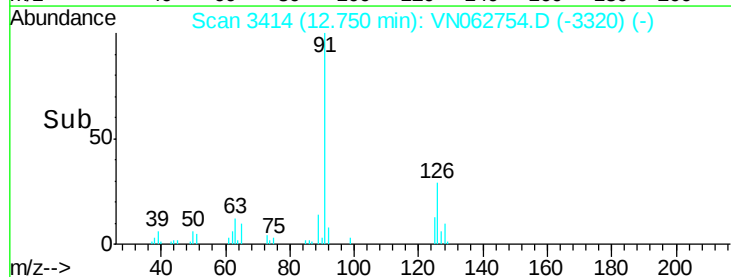
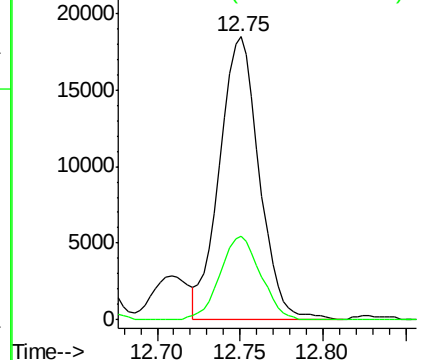
91 100

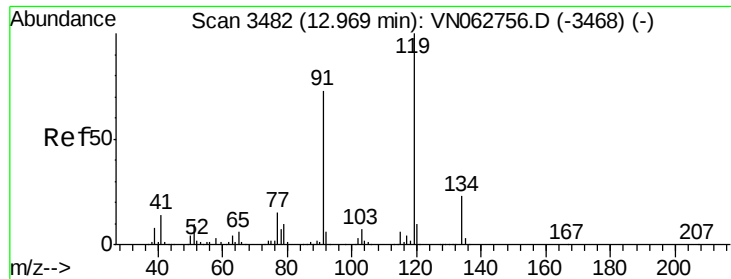
126 30.0 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

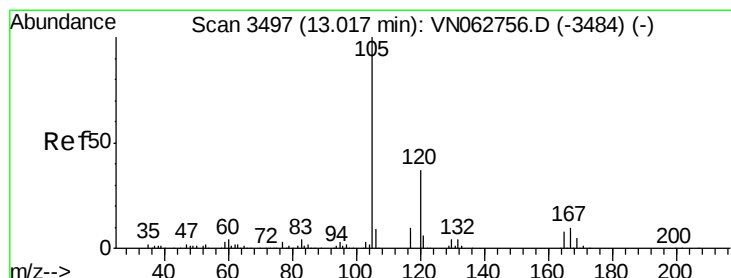
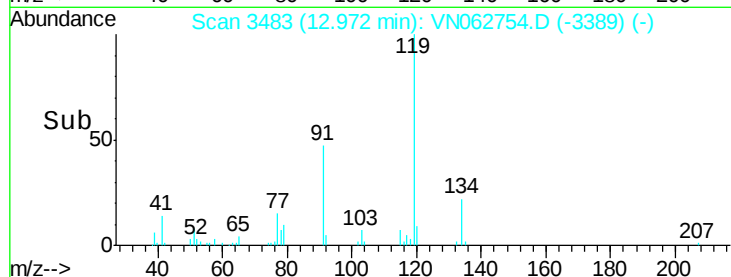
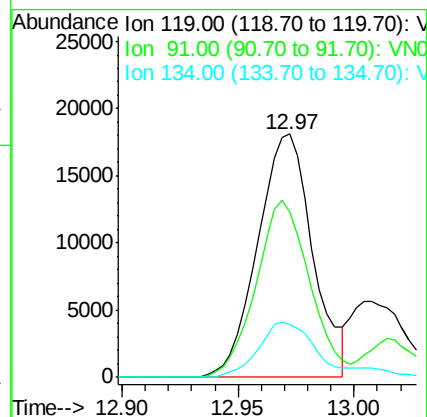
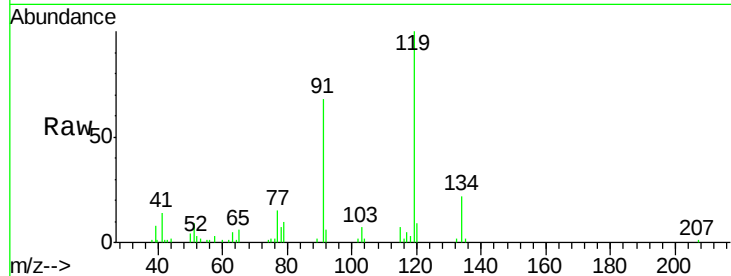




#83
 tert-Butylbenzene
 Concen: 5.559 ug/l
 RT: 12.97 min Scan# 3483
 Delta R.T. 0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

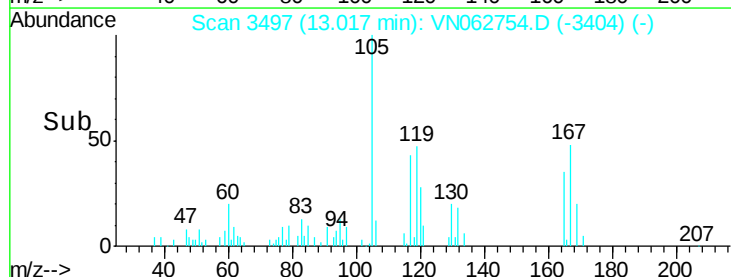
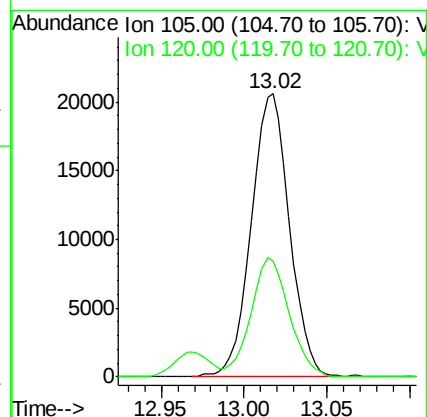
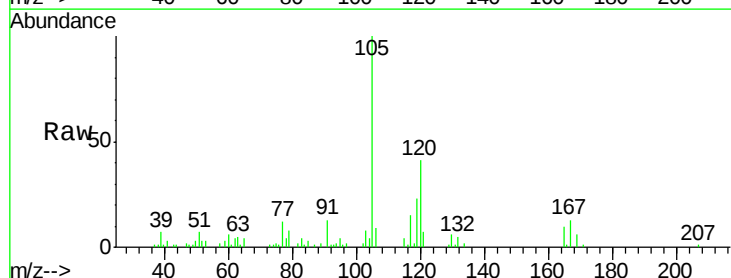
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

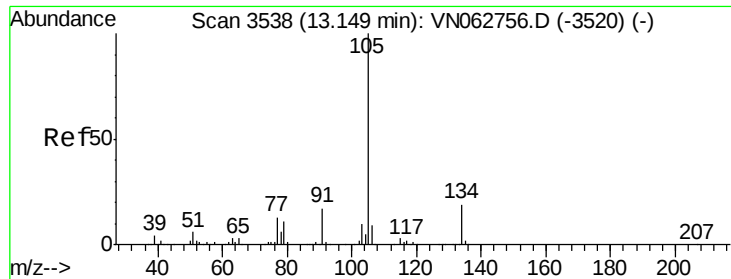
Tgt Ion:119 Resp: 30012
 Ion Ratio Lower Upper
 119 100
 91 70.9 36.5 109.5
 134 25.7 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 5.168 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Tgt Ion:105 Resp: 32921
 Ion Ratio Lower Upper
 105 100
 120 42.1 21.4 64.2

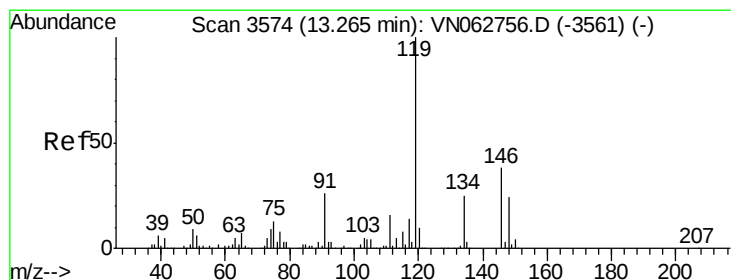
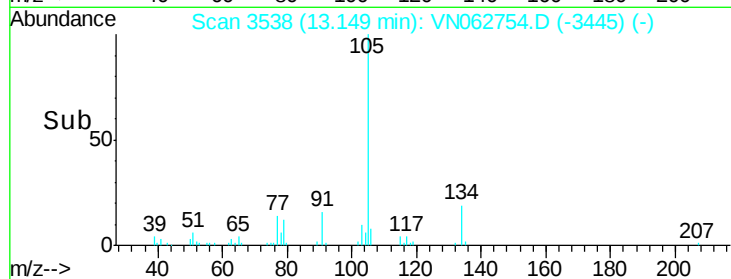
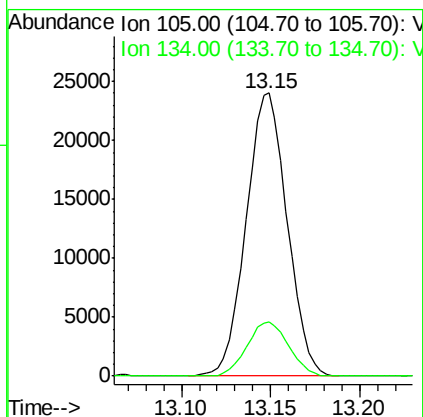
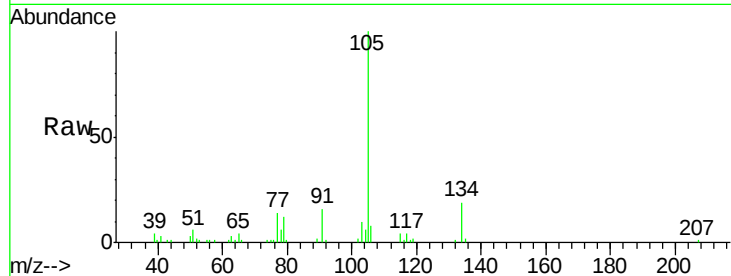




#85
 sec-Butylbenzene
 Concen: 5.343 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

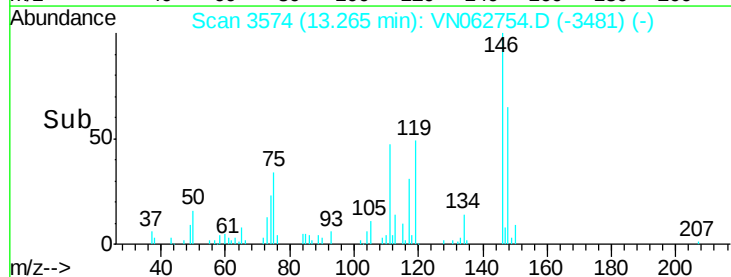
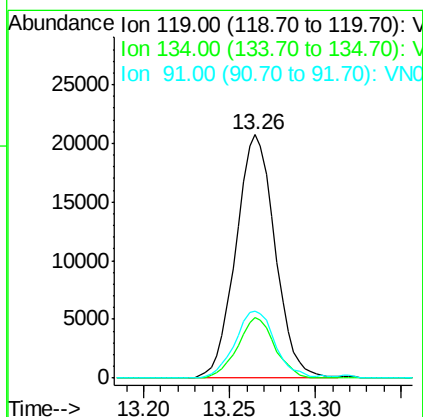
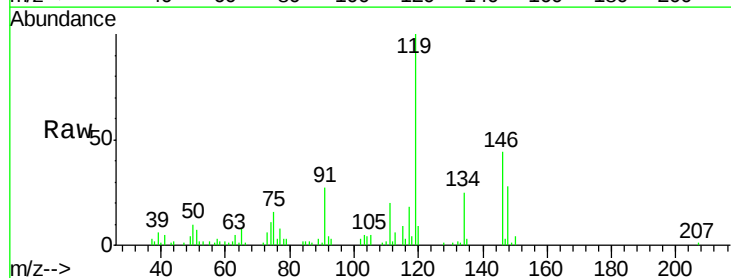
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

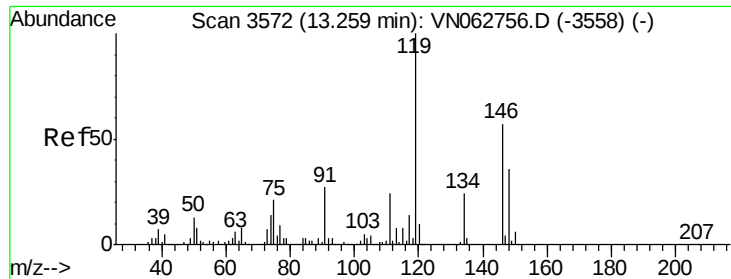
Tgt Ion:105 Resp: 38599
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 5.251 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Tgt Ion:119 Resp: 32816
 Ion Ratio Lower Upper
 119 100
 134 23.4 12.6 37.8
 91 28.1 13.4 40.2

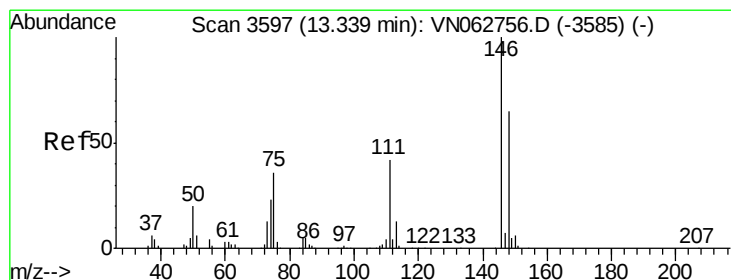
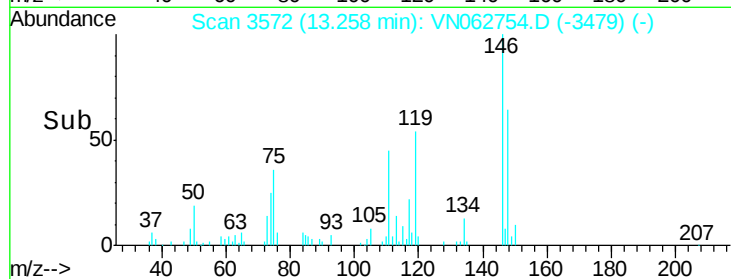
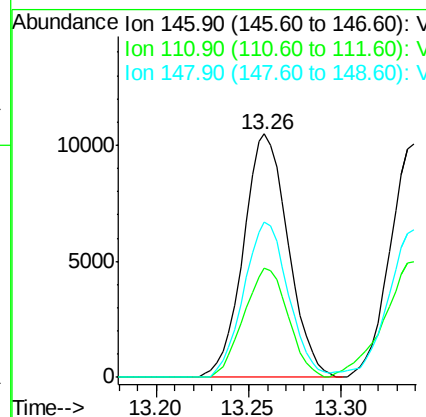
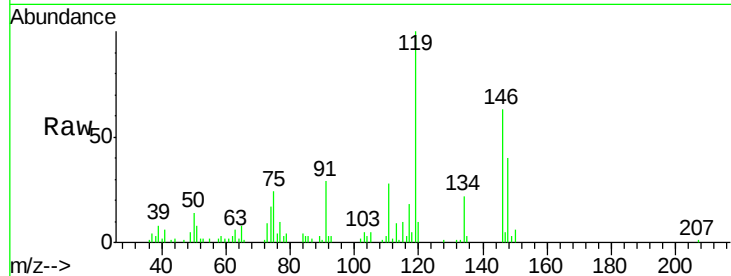




#87
 1,3-Dichlorobenzene
 Concen: 5.283 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

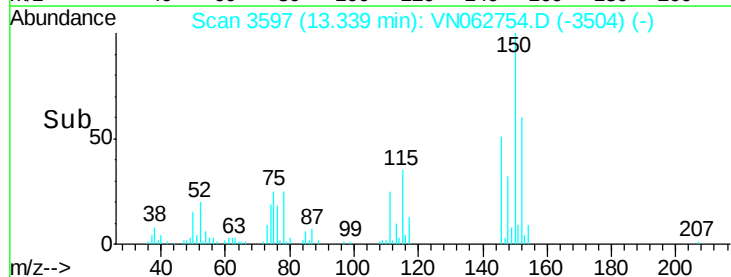
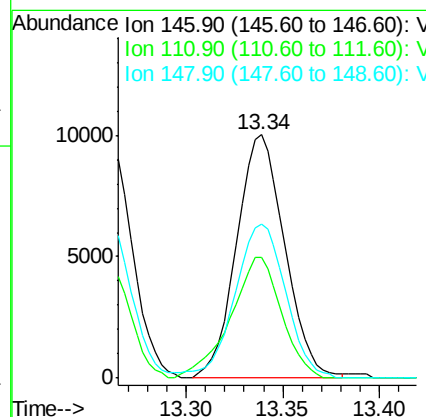
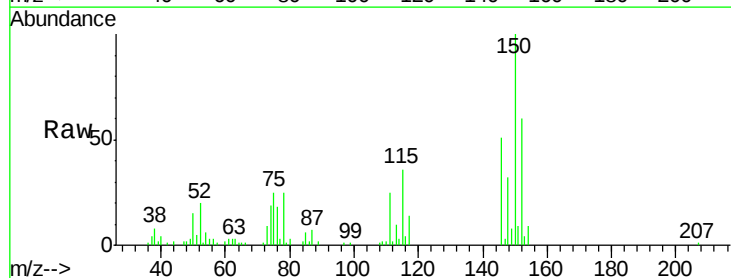
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

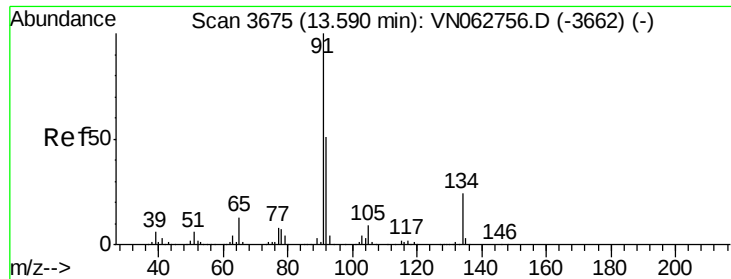
Tgt Ion:146 Resp: 17524
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.7 65.1
 148 63.6 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 5.332 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Tgt Ion:146 Resp: 17344
 Ion Ratio Lower Upper
 146 100
 111 52.6 21.6 64.6
 148 67.2 32.6 97.8





#89

n-Butylbenzene

Concen: 5.001 ug/l

RT: 13.59 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN062754.D

Acq: 5 Aug 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

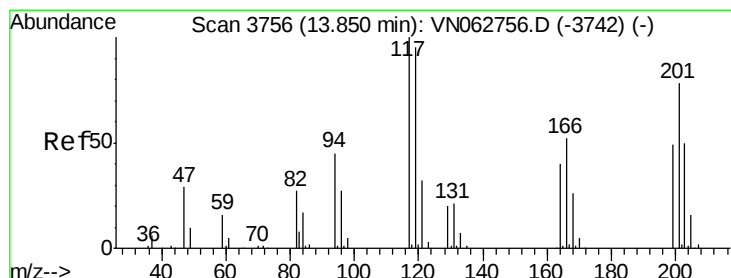
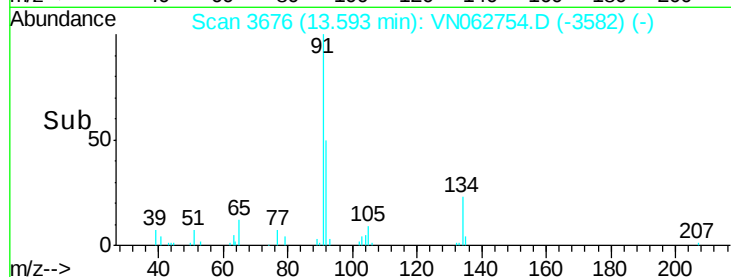
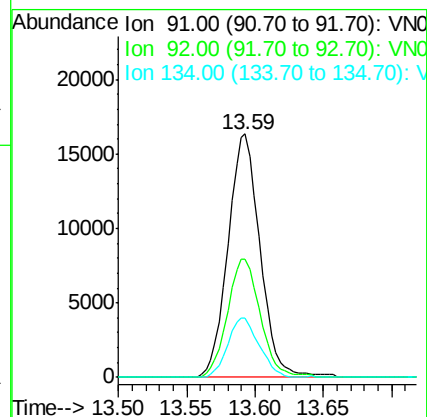
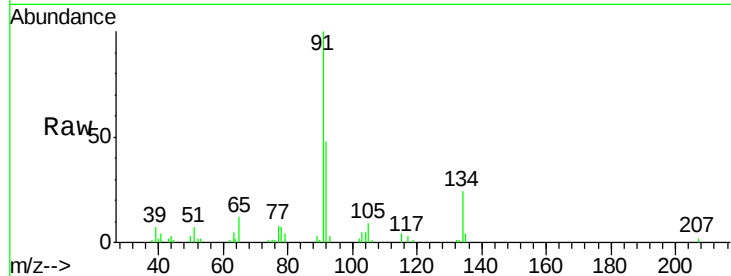
Tgt Ion: 91 Resp: 26751

Ion Ratio Lower Upper

91 100

92 49.8 25.7 77.0

134 23.6 12.2 36.6



#90

Hexachloroethane

Concen: 6.064 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062754.D

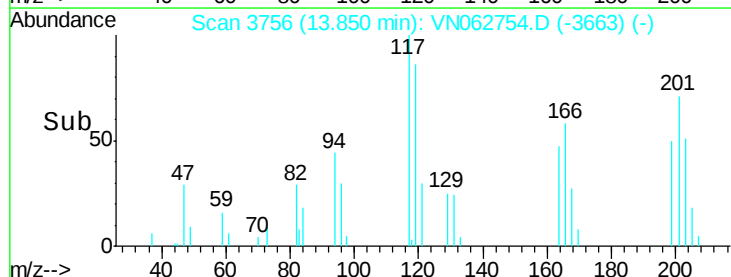
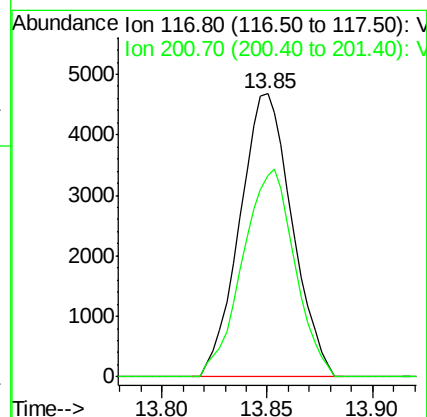
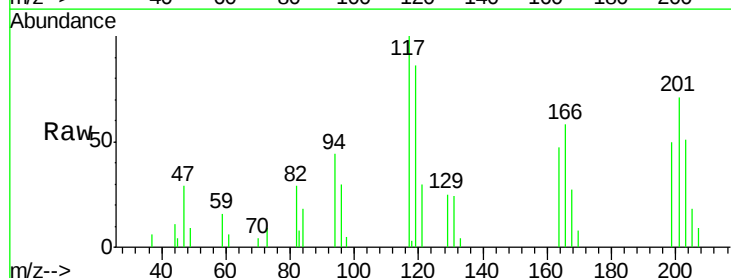
Acq: 5 Aug 2020 11:26

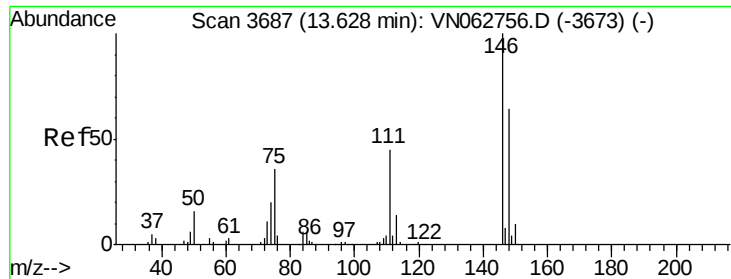
Tgt Ion: 117 Resp: 8072

Ion Ratio Lower Upper

117 100

201 73.0 39.2 117.6

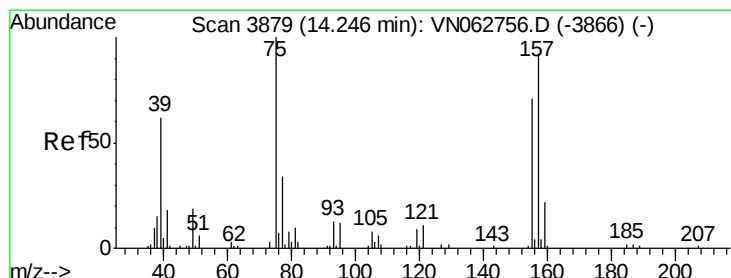
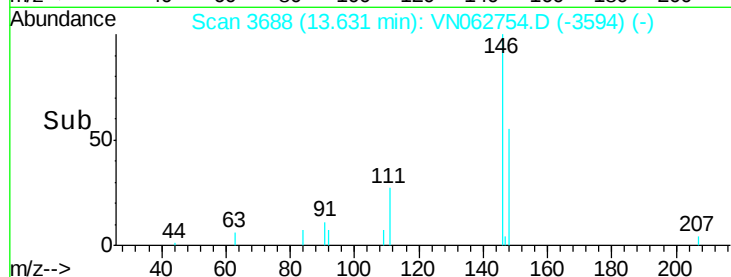
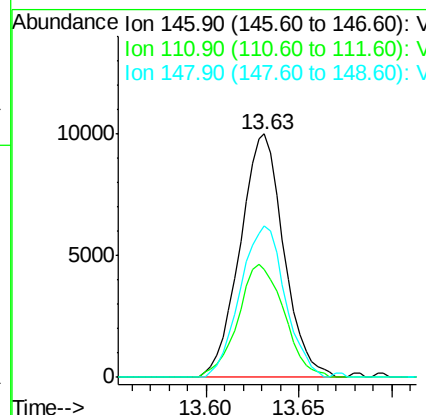
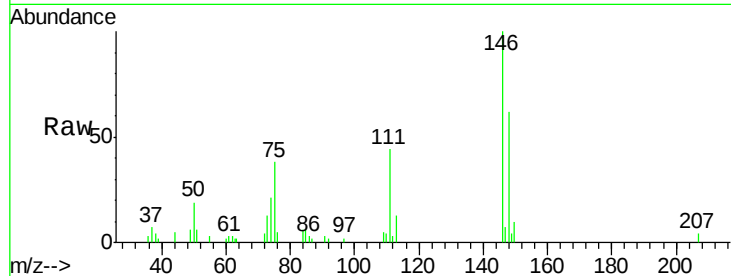




#91
 1,2-Dichlorobenzene
 Concen: 5.200 ug/l
 RT: 13.63 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

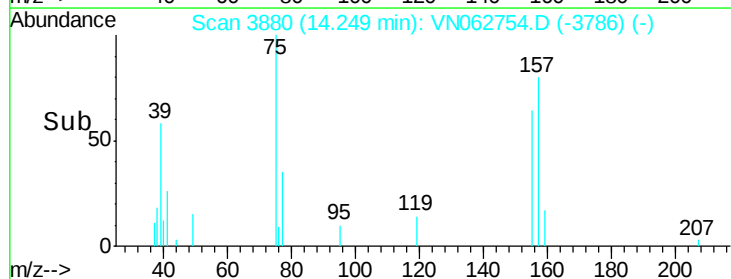
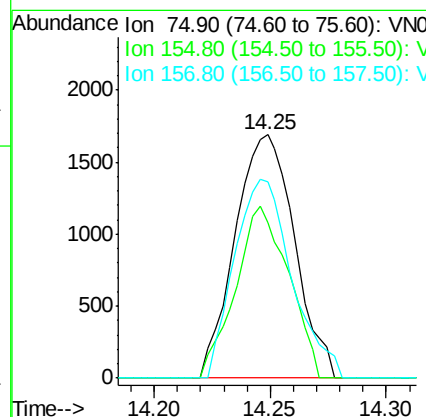
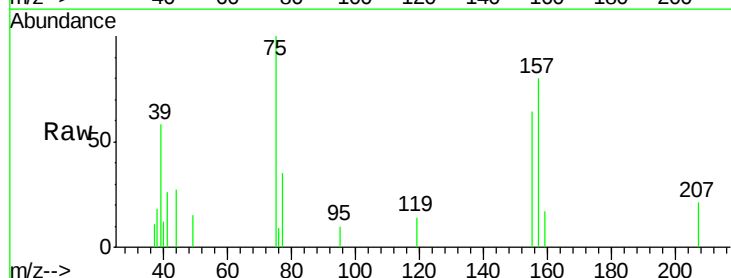
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tgt Ion: 146 Resp: 16391
 Ion Ratio Lower Upper
 146 100
 111 49.0 22.8 68.4
 148 64.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.901 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. 0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Tgt Ion: 75 Resp: 2999
 Ion Ratio Lower Upper
 75 100
 155 63.0 35.0 105.1
 157 79.3 43.2 129.6

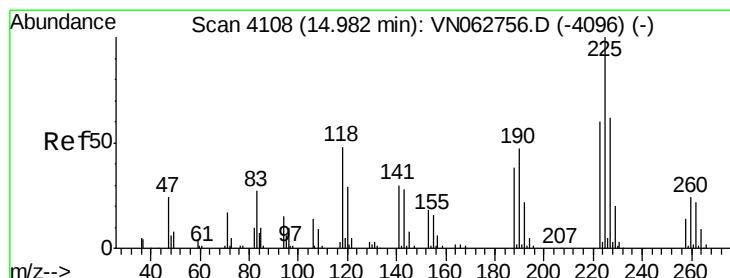
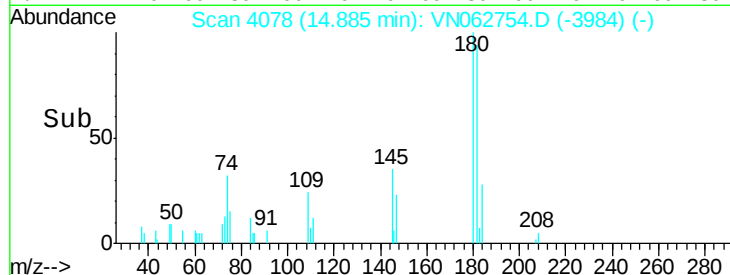
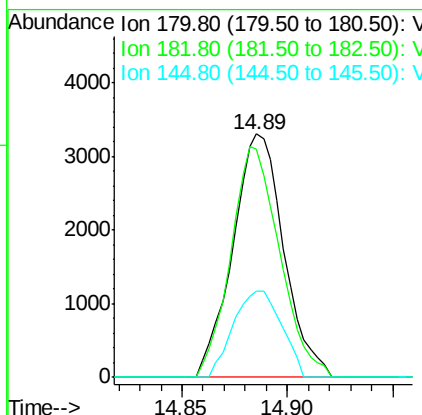
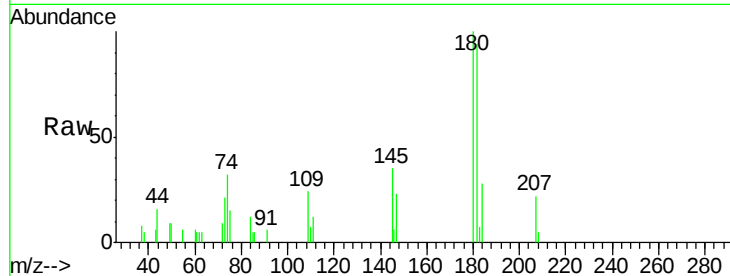




#93
 1,2,4-Trichlorobenzene
 Concen: 3.800 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

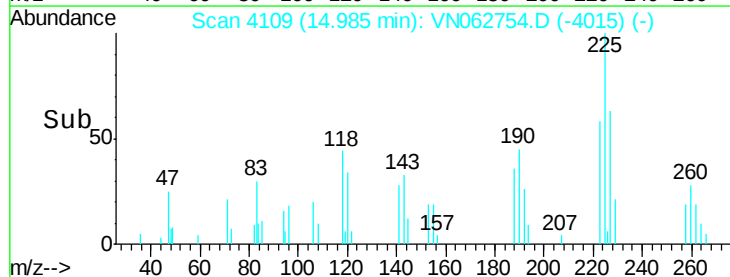
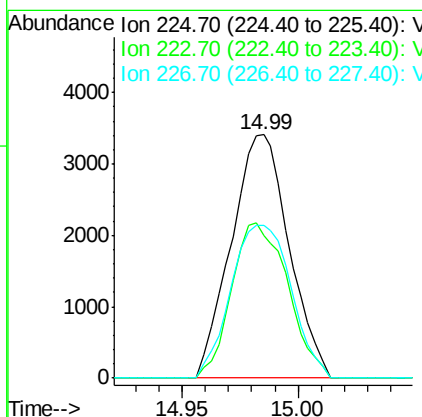
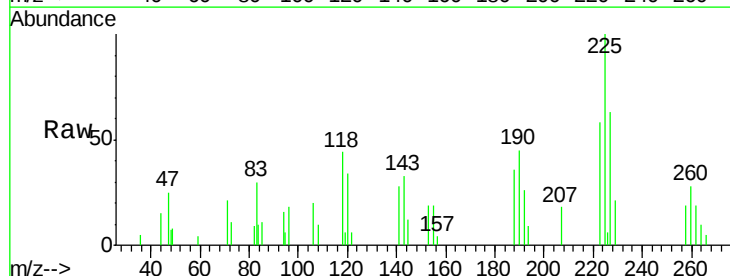
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

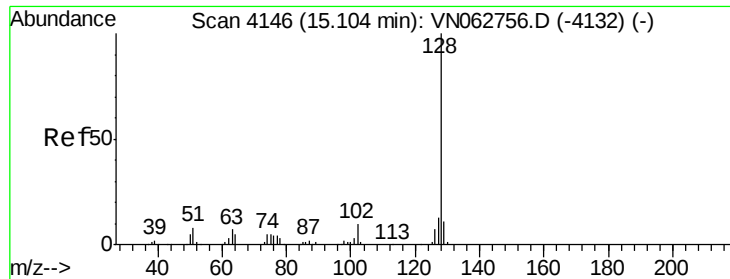
Tgt Ion:180 Resp: 5553
 Ion Ratio Lower Upper
 180 100
 182 90.7 49.1 147.4
 145 33.4 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 6.123 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062754.D
 Acq: 5 Aug 2020 11:26

Tgt Ion:225 Resp: 5895
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.6 92.0
 227 65.5 31.6 95.0

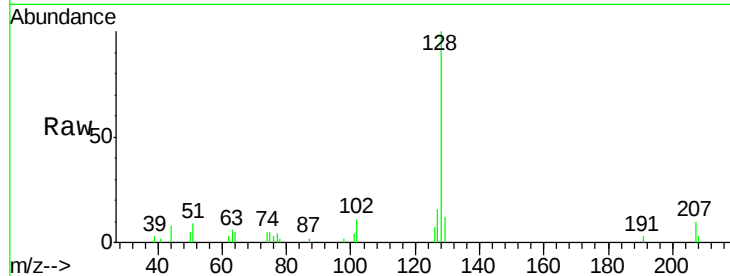




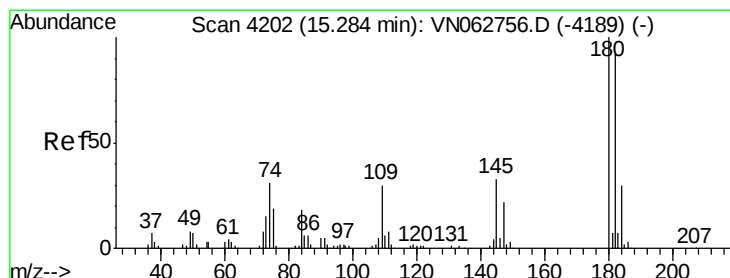
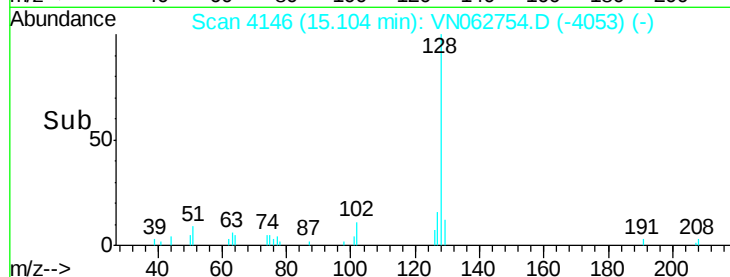
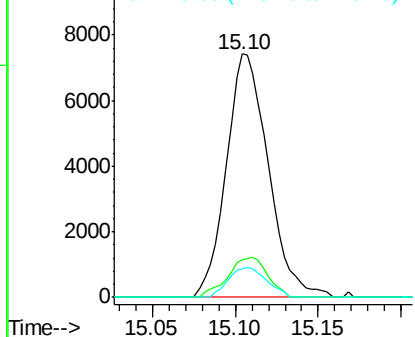
#95
Naphthalene
Concen: 3.243 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 13072
Ion Ratio Lower Upper
128 100
127 15.5 10.8 16.2
129 11.2 8.8 13.2

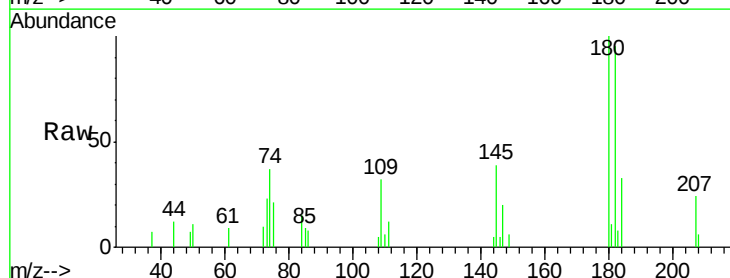


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 3.841 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062754.D
Acq: 5 Aug 2020 11:26

Tgt Ion:180 Resp: 5722
Ion Ratio Lower Upper
180 100
182 96.1 47.9 143.6
145 36.6 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

