

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
 Data File : VX020068.D
 Acq On : 16 Dec 2020 16:21
 Operator : JC/MD
 Sample : VX1217WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD01

Quant Time: Dec 17 00:31:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	263810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	431712	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	396916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194737	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	173754	50.11	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	100.22%		
35) Dibromofluoromethane	5.46	113	140105	50.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.44%		
50) Toluene-d8	8.70	98	532236	49.97	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.94%		
62) 4-Bromofluorobenzene	11.12	95	199300	49.16	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.32%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	41104	17.018 ug/l	99
3) Chloromethane	1.31	50	46249	16.282 ug/l	100
4) Vinyl Chloride	1.39	62	54573	18.221 ug/l	99
5) Bromomethane	1.62	94	27820	27.974 ug/l	99
6) Chloroethane	1.71	64	37097	20.619 ug/l	99
7) Trichlorofluoromethane	1.92	101	80020	19.184 ug/l	98
8) Diethyl Ether	2.17	74	34244	19.373 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48804	20.413 ug/l	98
10) Methyl Iodide	2.49	142	47302	13.423 ug/l	100
11) Tert butyl alcohol	3.01	59	74153	102.487 ug/l	99
12) 1,1-Dichloroethene	2.36	96	46599	19.279 ug/l	99
13) Acrolein	2.27	56	22227	58.077 ug/l	94
14) Allyl chloride	2.70	41	80698	19.768 ug/l	96
15) Acrylonitrile	3.11	53	170143	108.548 ug/l	100
16) Acetone	2.42	43	143357	110.000 ug/l	100
17) Carbon Disulfide	2.55	76	106994	15.427 ug/l	99
18) Methyl Acetate	2.75	43	74278	23.291 ug/l	100
19) Methyl tert-butyl Ether	3.17	73	181216	20.587 ug/l	99
20) Methylene Chloride	2.83	84	59720	19.196 ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	53705	19.058 ug/l	99
22) Diisopropyl ether	3.82	45	177709	21.531 ug/l	92
23) Vinyl Acetate	3.78	43	738072	104.963 ug/l	99
24) 1,1-Dichloroethane	3.67	63	102287	20.551 ug/l	99
25) 2-Butanone	4.63	43	222172	110.943 ug/l	99
26) 2,2-Dichloropropane	4.55	77	83940	19.584 ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	64880	19.674 ug/l	99
28) Bromochloromethane	4.98	49	45697	19.260 ug/l	97
29) Tetrahydrofuran	5.09	42	138385	107.256 ug/l	98
30) Chloroform	5.17	83	107985	21.100 ug/l	99
31) Cyclohexane	5.54	56	80767	18.727 ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	89196	20.239 ug/l	99
36) 1,1-Dichloropropene	5.76	75	73521	18.846 ug/l	100
37) Ethyl Acetate	4.79	43	82534	20.954 ug/l	100
38) Carbon Tetrachloride	5.75	117	73731	19.300 ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	83921	18.310	ug/l	97
40) Benzene	6.11	78	236246	19.825	ug/l	99
41) Methacrylonitrile	5.00	41	45673	21.120	ug/l	99
42) 1,2-Dichloroethane	6.16	62	83311	20.462	ug/l	100
43) Isopropyl Acetate	6.41	43	128325	20.039	ug/l	99
44) Trichloroethene	7.19	130	59717	19.099	ug/l	94
45) 1,2-Dichloropropane	7.49	63	61424	20.624	ug/l	97
46) Dibromomethane	7.63	93	40361	20.067	ug/l	98
47) Bromodichloromethane	7.87	83	80330	20.128	ug/l	99
48) Methyl methacrylate	7.74	41	63582	20.189	ug/l	98
49) 1,4-Dioxane	7.71	88	30218	396.077	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	422825	108.149	ug/l	99
52) Toluene	8.76	92	146301	19.629	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	85101	19.215	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	94593	19.660	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	62931	20.952	ug/l	98
56) Ethyl methacrylate	9.16	69	89447	19.684	ug/l	98
57) 1,3-Dichloropropane	9.35	76	105232	20.519	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	239868	99.640	ug/l	100
59) 2-Hexanone	9.47	43	323990	106.909	ug/l	98
60) Dibromochloromethane	9.56	129	61178	20.048	ug/l	100
61) 1,2-Dibromoethane	9.65	107	64046	20.081	ug/l	98
64) Tetrachloroethene	9.32	164	53819	20.219	ug/l	97
65) Chlorobenzene	10.12	112	153419	19.401	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	58252	20.467	ug/l	99
67) Ethyl Benzene	10.23	91	273627	19.494	ug/l	99
68) m/p-Xylenes	10.34	106	205088	38.775	ug/l	99
69) o-Xylene	10.68	106	99222	19.502	ug/l	100
70) Styrene	10.70	104	168371	19.606	ug/l	99
71) Bromoform	10.84	173	42296	18.890	ug/l #	97
73) Isopropylbenzene	11.00	105	268968	20.217	ug/l	99
74) N-amyl acetate	10.88	43	104160	19.536	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	98241	20.944	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	109820	25.144	ug/l	88
77) Bromobenzene	11.24	156	66809	19.622	ug/l	97
78) n-propylbenzene	11.34	91	307601	20.243	ug/l	99
79) 2-Chlorotoluene	11.40	91	189026	20.200	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	224659	20.008	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	28028	18.551	ug/l	94
82) 4-Chlorotoluene	11.49	91	219373	20.017	ug/l	98
83) tert-Butylbenzene	11.76	119	218712	19.861	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	229675	20.306	ug/l	98
85) sec-Butylbenzene	11.93	105	257642	20.492	ug/l	100
86) p-Isopropyltoluene	12.05	119	230117	19.970	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	122734	19.641	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	123133	19.346	ug/l	99
89) n-Butylbenzene	12.37	91	201989	19.786	ug/l	99
90) Hexachloroethane	12.58	117	37860	19.031	ug/l	95
91) 1,2-Dichlorobenzene	12.37	146	121102	19.880	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20093	19.926	ug/l	94

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

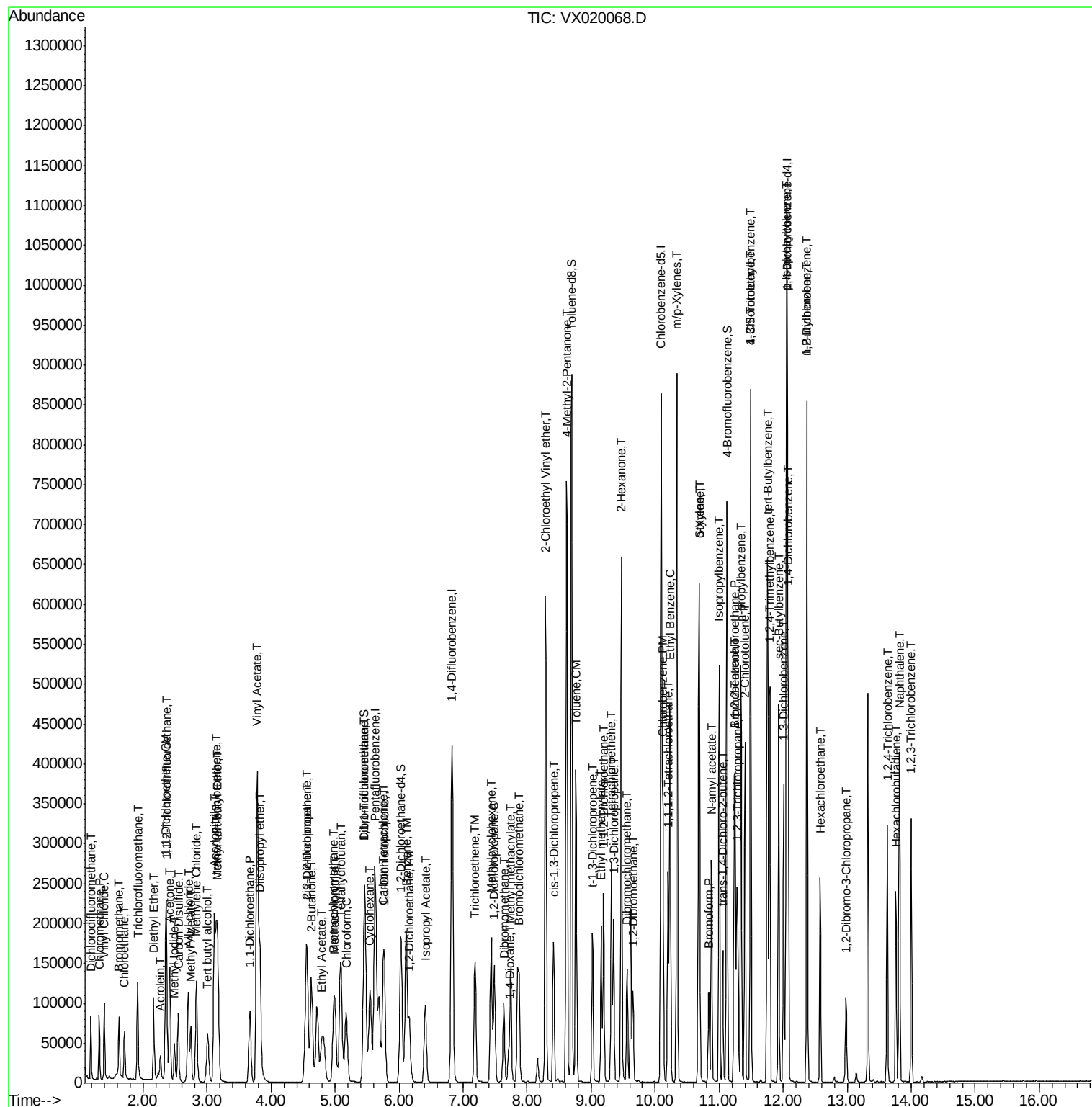
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	76682	19.338	ug/l	99
94) Hexachlorobutadiene	13.76	225	36216	20.434	ug/l	97
95) Naphthalene	13.82	128	256698	19.968	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	78841	20.344	ug/l	98

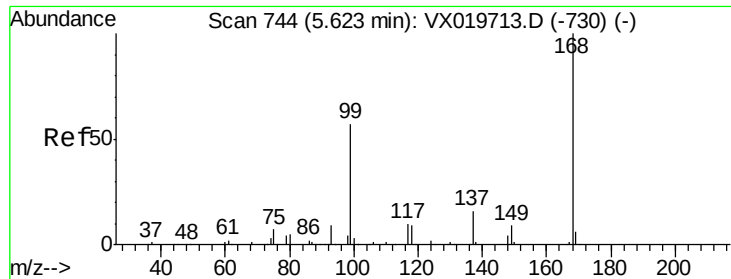
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020068.D
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Sample : VX1217WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sample ID :
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Quant Time: Dec 17 00:31:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleID :

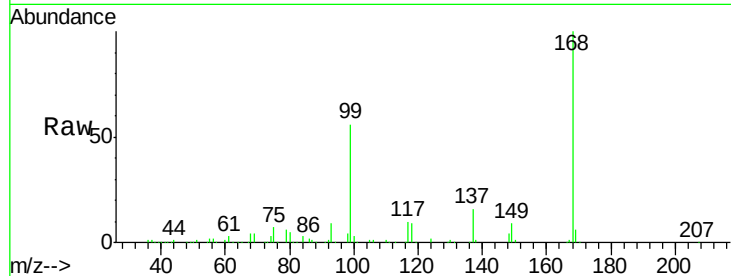
VX1217WBSD01

Tgt Ion:168 Resp: 263810

Ion Ratio Lower Upper

168 100

99 55.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

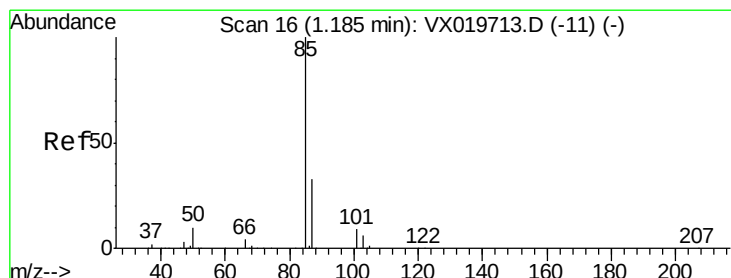
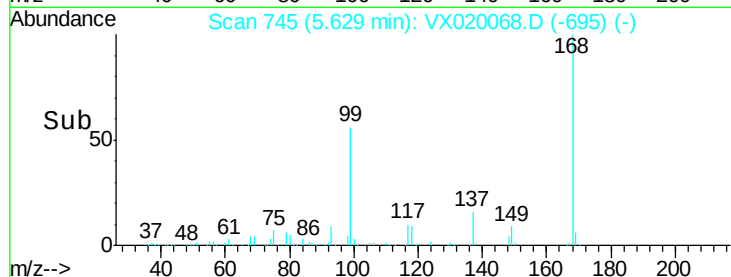
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.018 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX020068.D

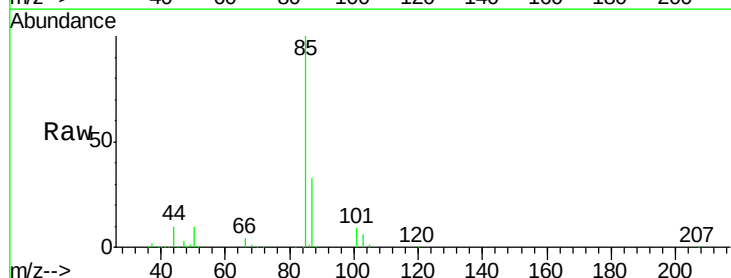
Acq: 16 Dec 2020 16:21

Tgt Ion: 85 Resp: 41104

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

30000

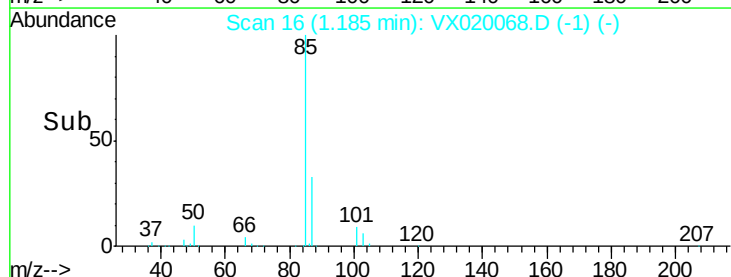
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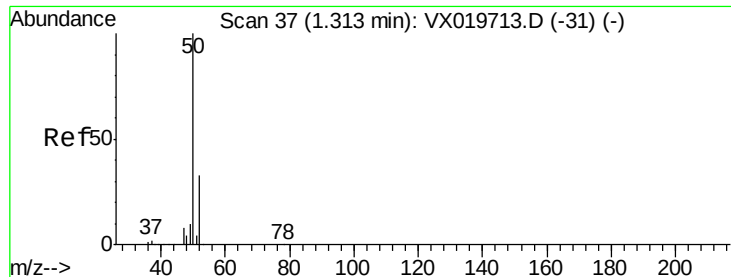
10000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 16.282 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

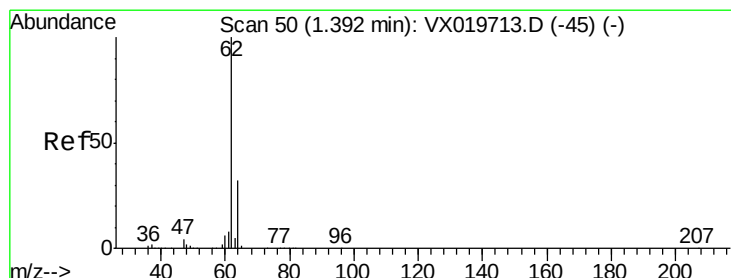
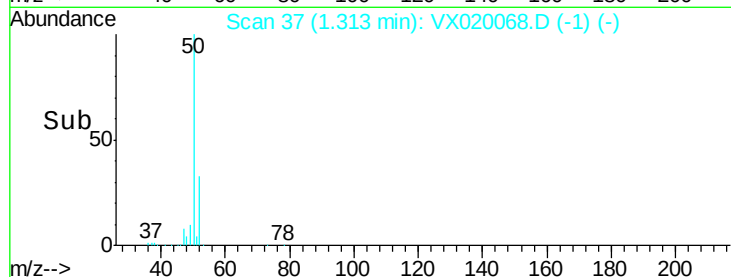
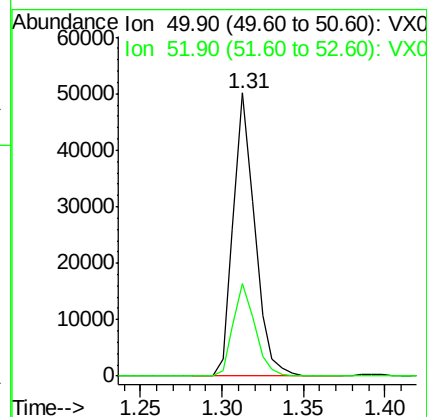
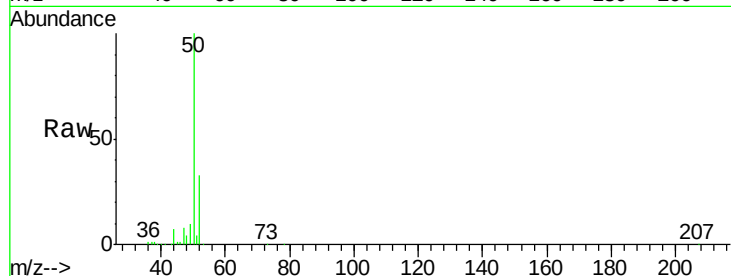
VX1217WBSD01

Tgt Ion: 50 Resp: 46249

Ion Ratio Lower Upper

50 100

52 32.8 26.4 39.6



#4

Vinyl Chloride

Concen: 18.221 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX020068.D

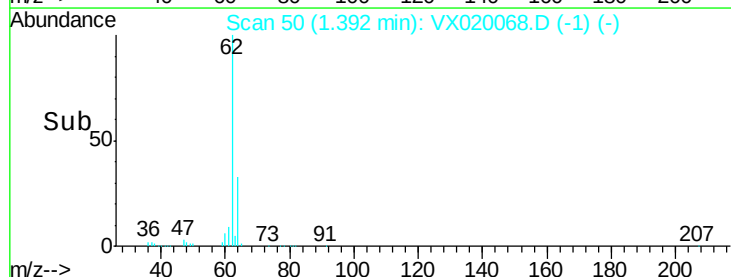
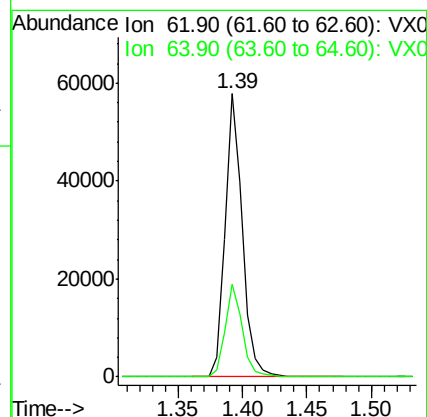
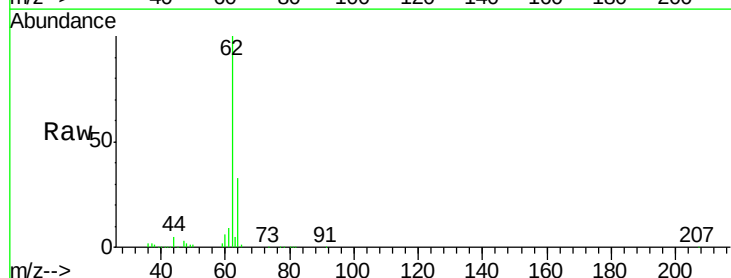
Acq: 16 Dec 2020 16:21

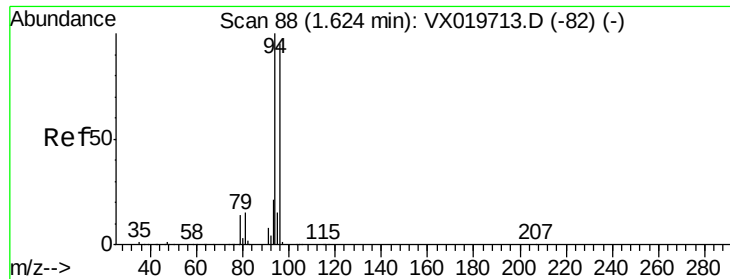
Tgt Ion: 62 Resp: 54573

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5





#5

Bromomethane

Concen: 27.974 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

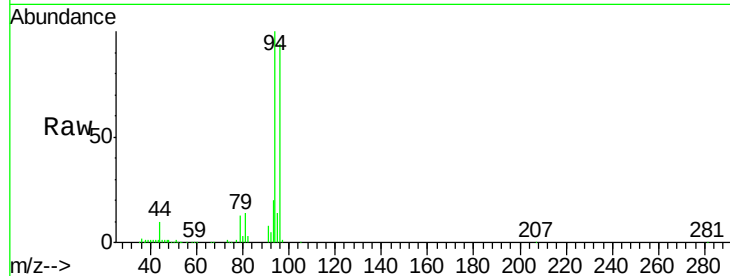
VX1217WBSD01

Tgt Ion: 94 Resp: 27820

Ion Ratio Lower Upper

94 100

96 94.3 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

30000

25000

20000

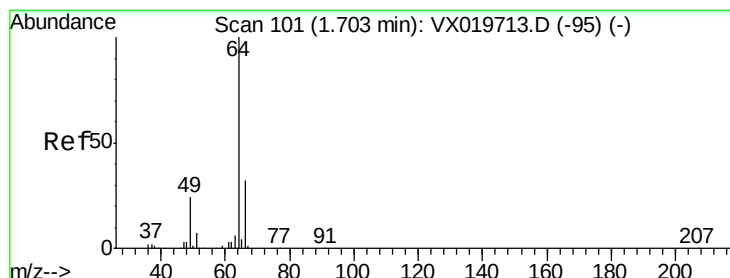
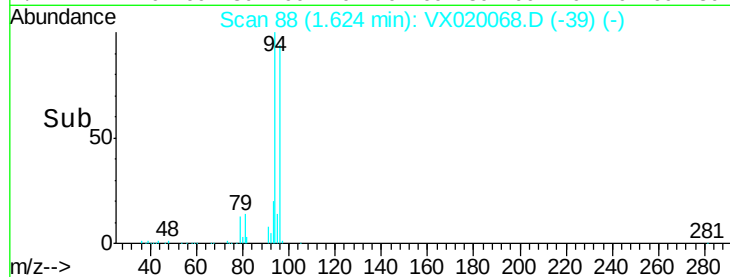
15000

10000

5000

0

Time--> 1.50 1.60 1.70



#6

Chloroethane

Concen: 20.619 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX020068.D

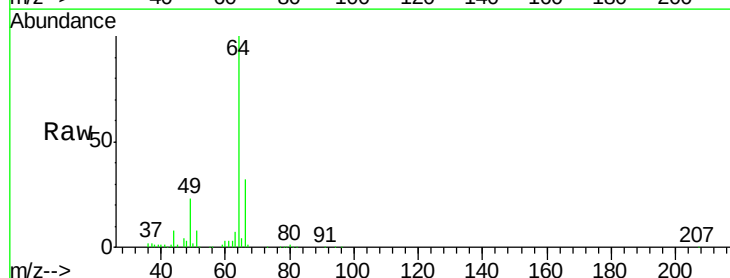
Acq: 16 Dec 2020 16:21

Tgt Ion: 64 Resp: 37097

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

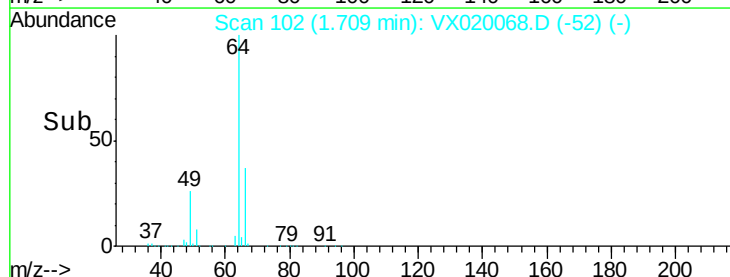
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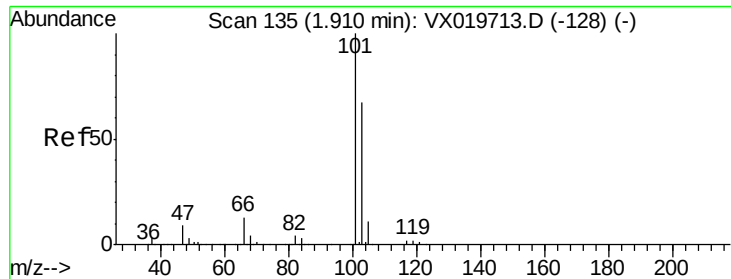
20000

10000

0

Time--> 1.60 1.65 1.70 1.75 1.80



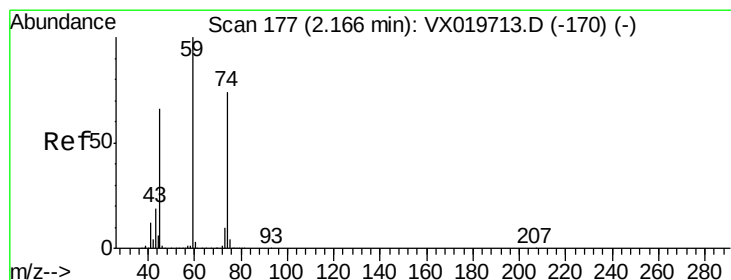
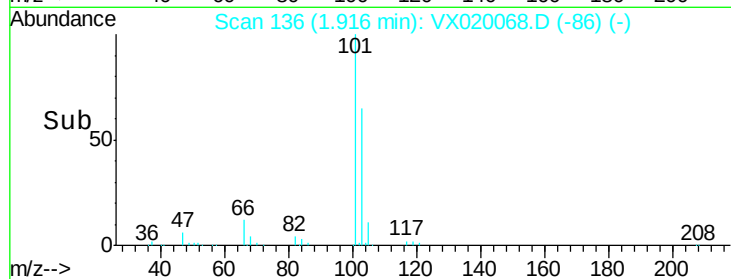
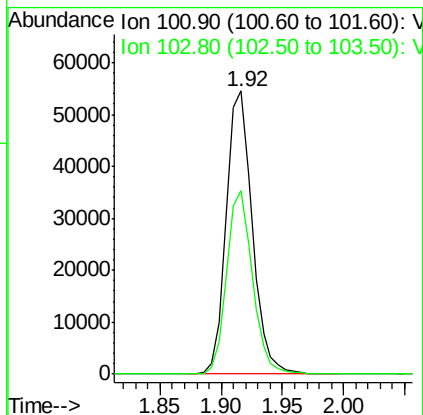
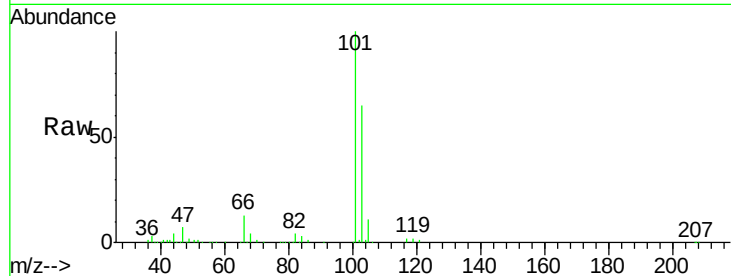


#7

Trichlorofluoromethane
Concen: 19.184 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD01

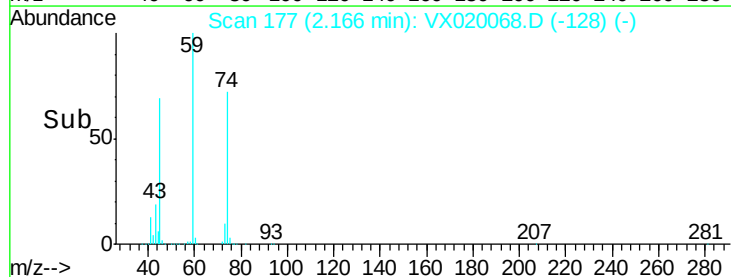
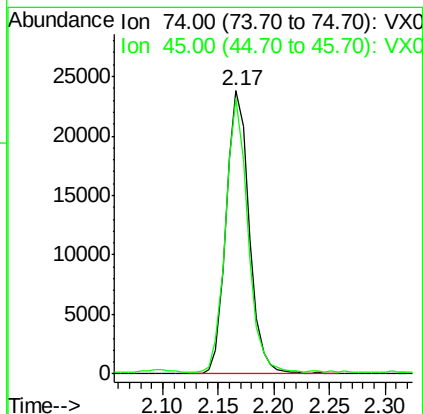
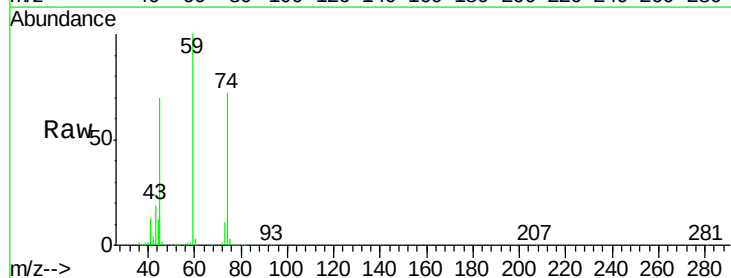
Tgt Ion:101 Resp: 80020
Ion Ratio Lower Upper
101 100
103 65.1 53.2 79.8

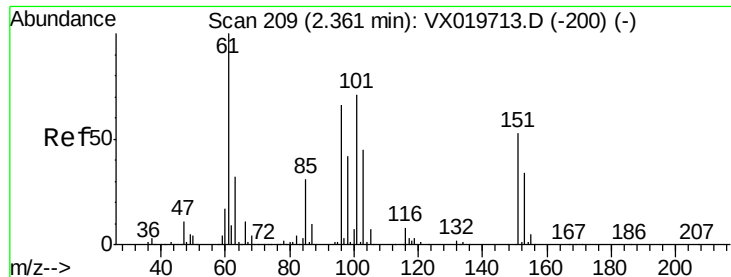


#8

Diethyl Ether
Concen: 19.373 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Tgt Ion: 74 Resp: 34244
Ion Ratio Lower Upper
74 100
45 92.4 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.413 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD01

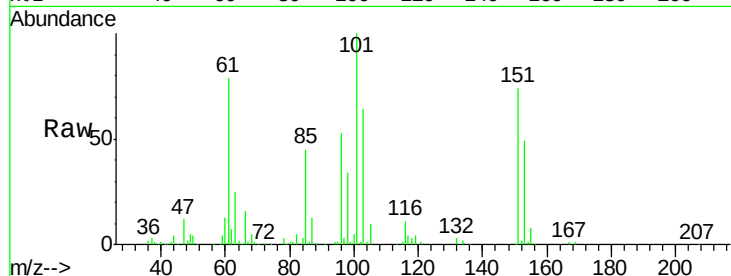
Tgt Ion:101 Resp: 48804

Ion Ratio Lower Upper

101 100

85 43.3 34.9 52.3

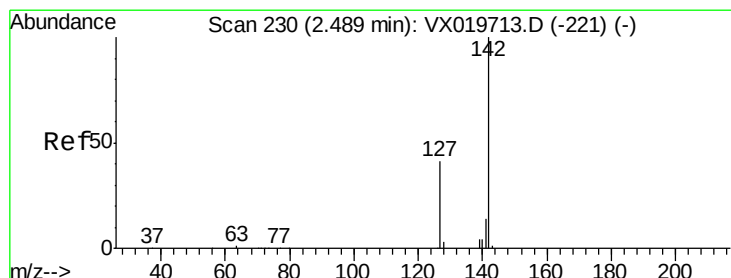
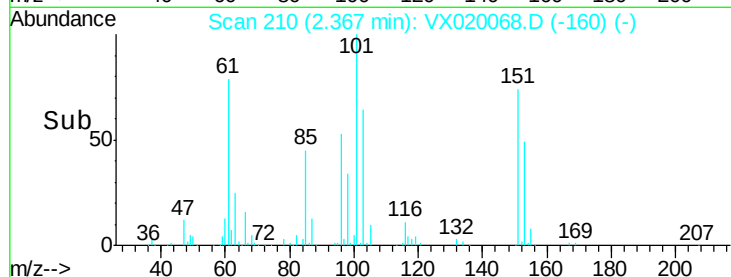
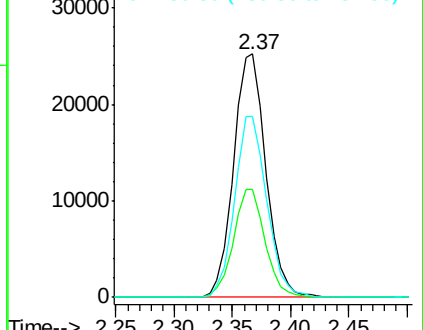
151 74.1 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.423 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

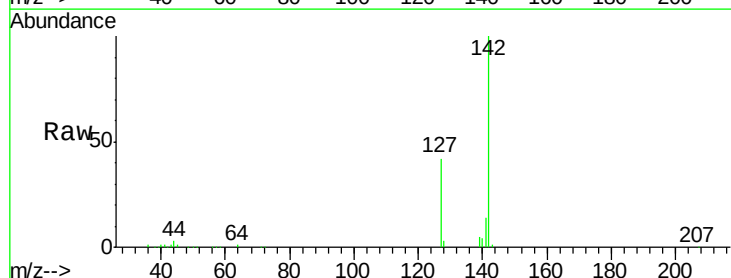
Tgt Ion:142 Resp: 47302

Ion Ratio Lower Upper

142 100

127 41.5 33.3 49.9

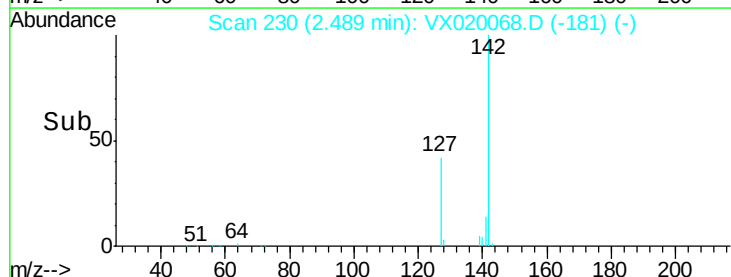
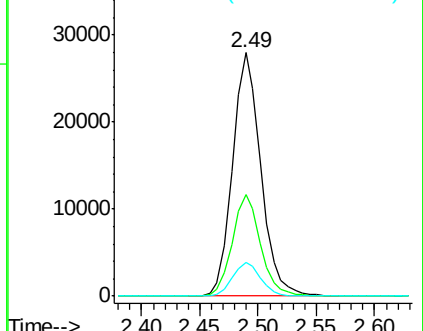
141 13.8 11.4 17.0

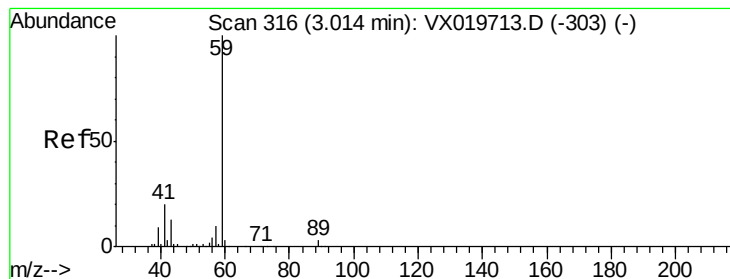


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



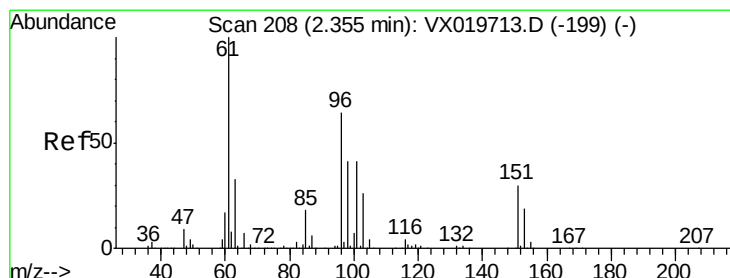
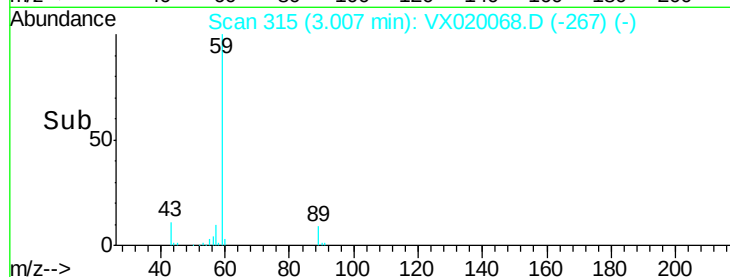
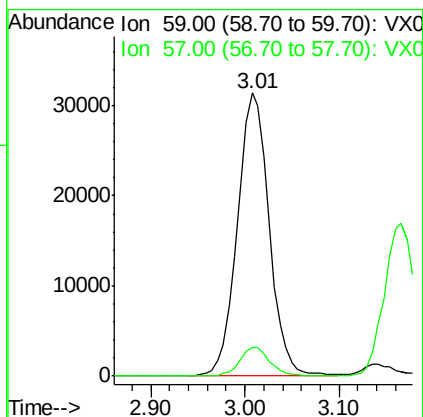
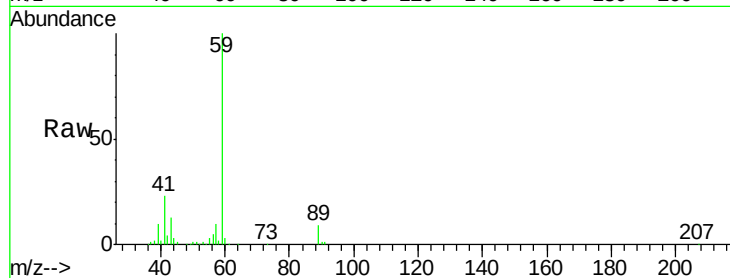


#11

Tert butyl alcohol
 Concen: 102.487 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD01

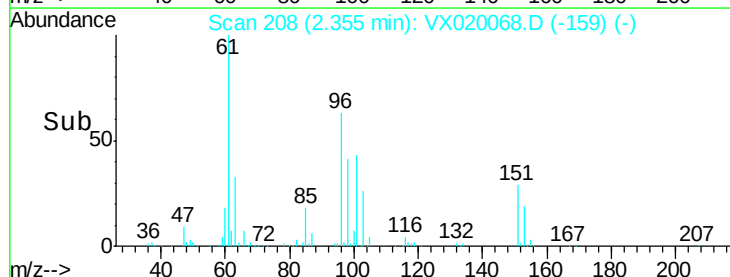
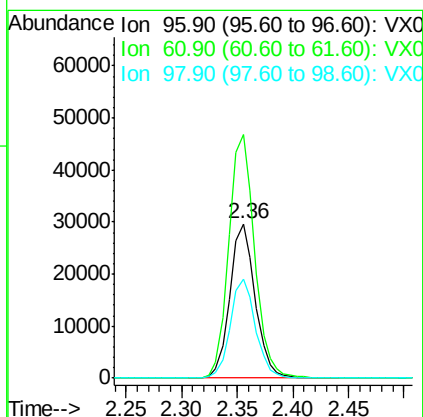
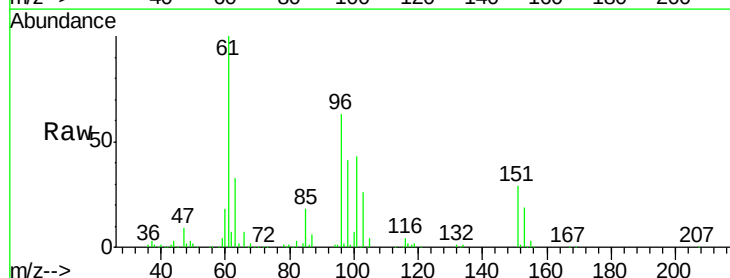
Tgt Ion: 59 Resp: 74153
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.8 11.8

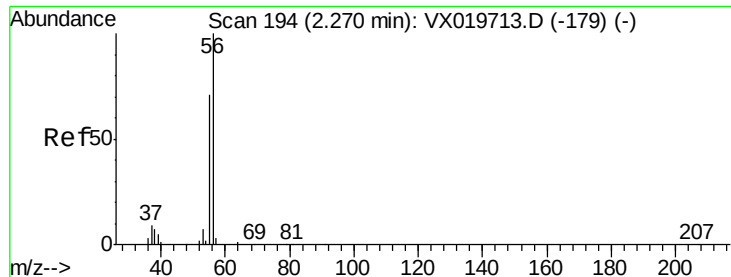


#12

1,1-Dichloroethene
 Concen: 19.279 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Tgt Ion: 96 Resp: 46599
 Ion Ratio Lower Upper
 96 100
 61 157.5 124.6 187.0
 98 64.0 50.6 76.0





#13

Acrolein

Concen: 58.077 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

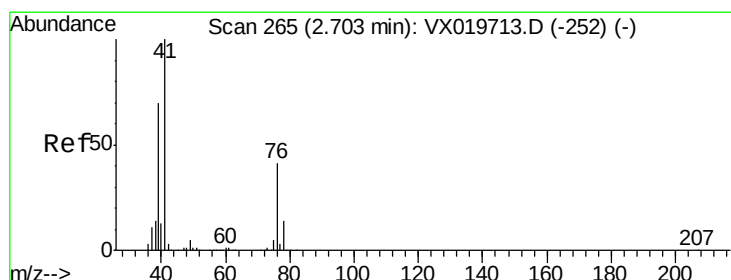
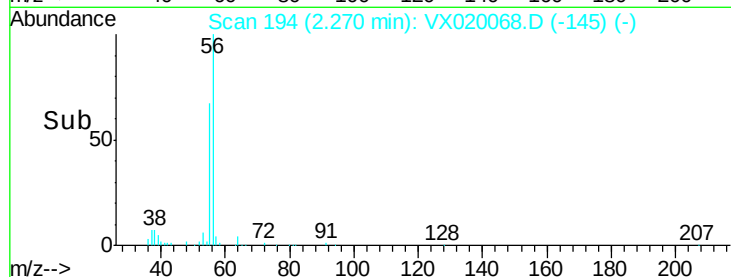
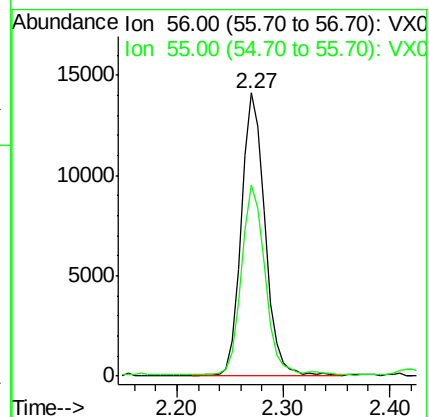
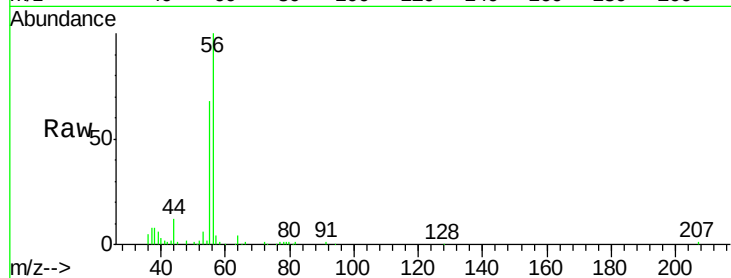
VX1217WBSD01

Tgt Ion: 56 Resp: 22227

Ion Ratio Lower Upper

56 100

55 65.6 56.4 84.6



#14

Allyl chloride

Concen: 19.768 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

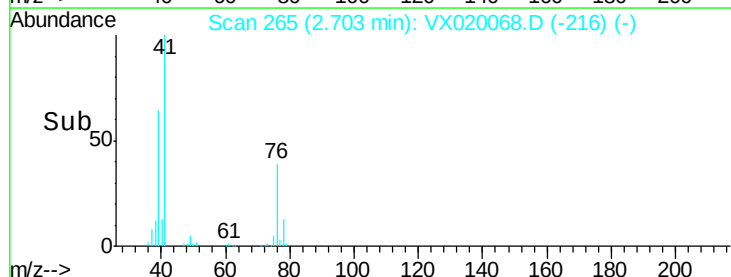
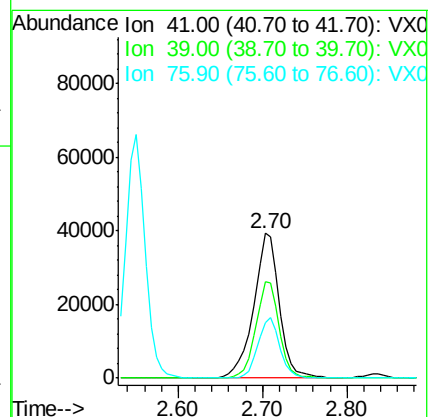
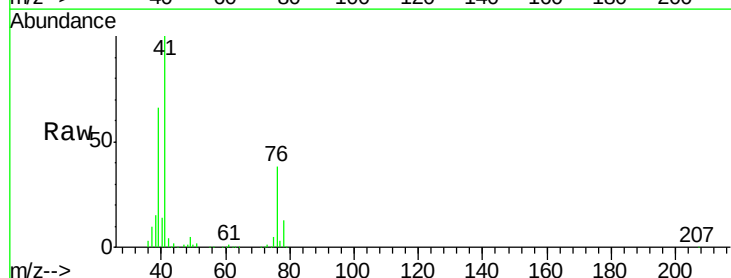
Tgt Ion: 41 Resp: 80698

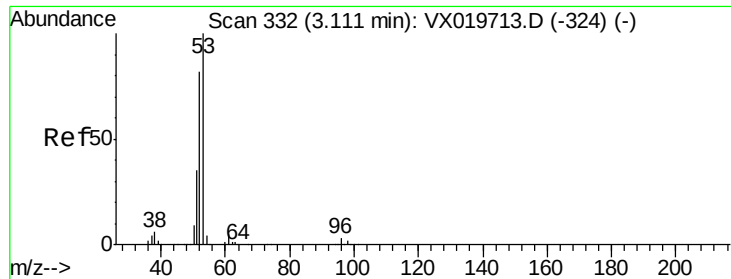
Ion Ratio Lower Upper

41 100

39 61.4 51.6 77.4

76 36.0 30.5 45.7





#15

Acrylonitrile

Concen: 108.548 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD01

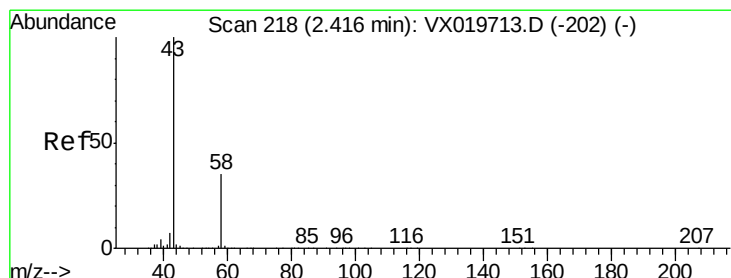
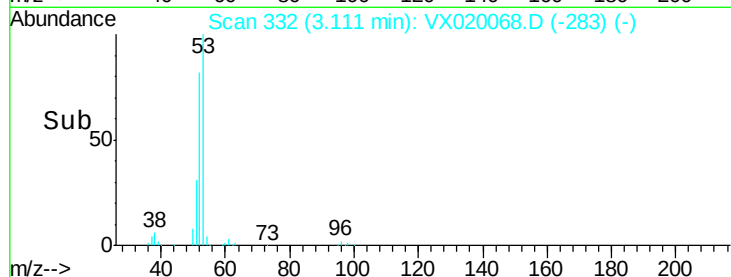
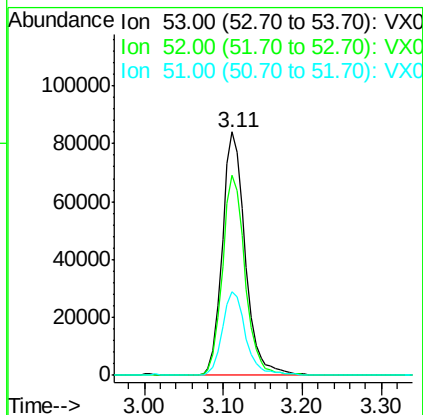
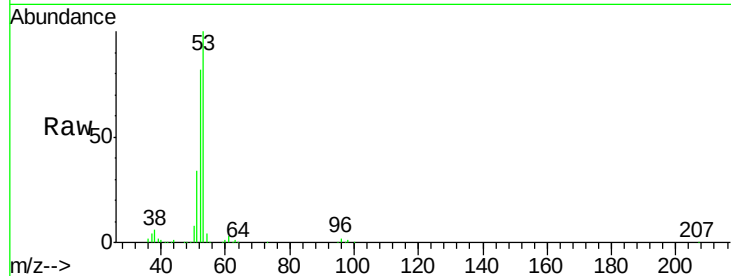
Tgt Ion: 53 Resp: 170143

Ion Ratio Lower Upper

53 100

52 81.2 65.3 97.9

51 35.5 28.2 42.2



#16

Acetone

Concen: 110.000 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX020068.D

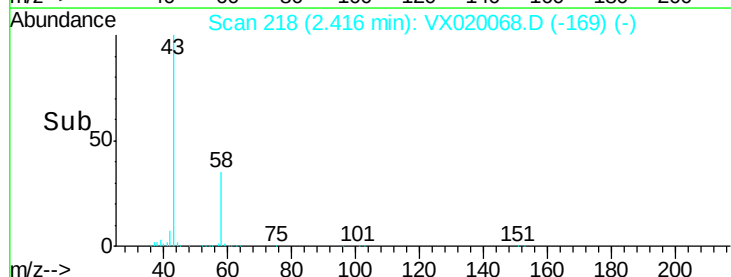
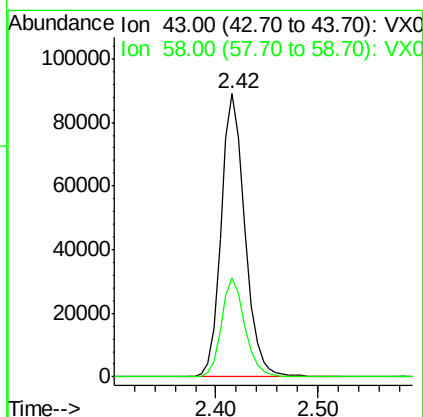
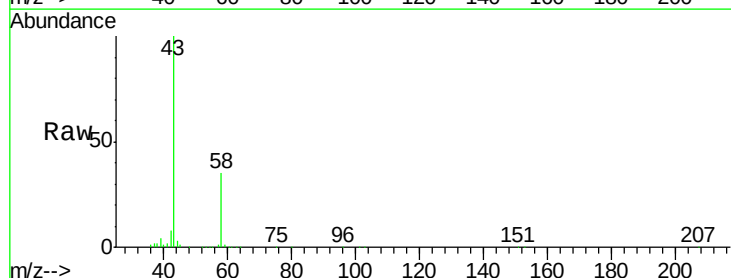
Acq: 16 Dec 2020 16:21

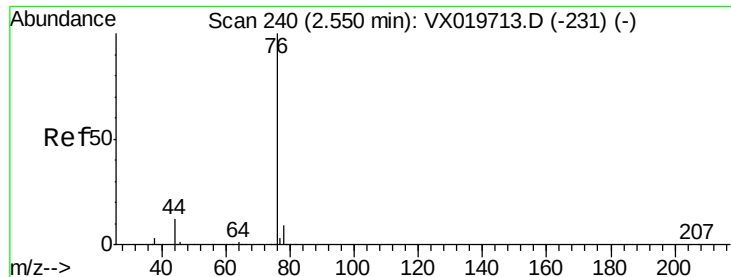
Tgt Ion: 43 Resp: 143357

Ion Ratio Lower Upper

43 100

58 35.0 27.8 41.8





#17

Carbon Disulfide

Concen: 15.427 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

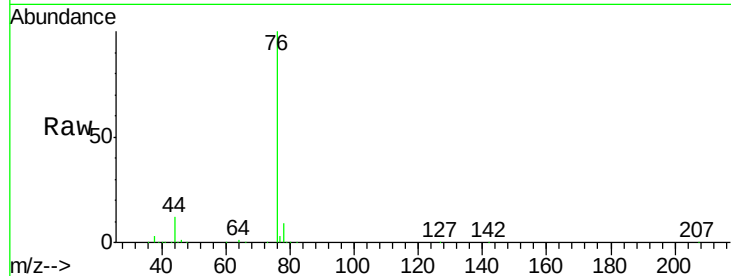
VX1217WBSD01

Tgt Ion: 76 Resp: 106994

Ion Ratio Lower Upper

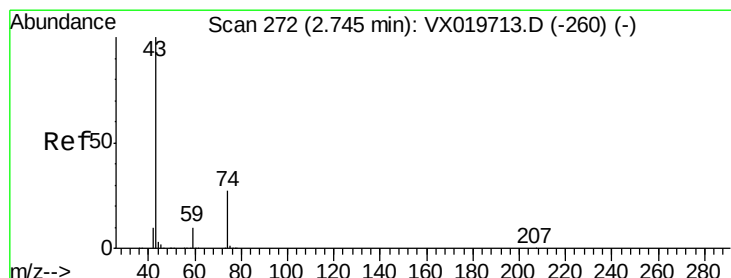
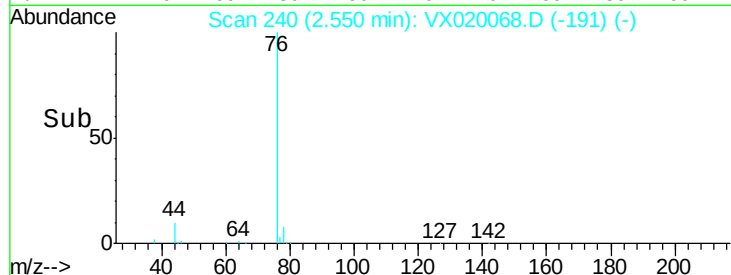
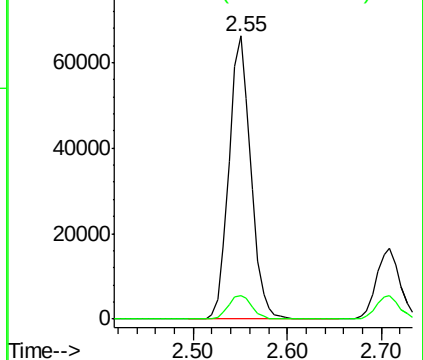
76 100

78 8.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.291 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX020068.D

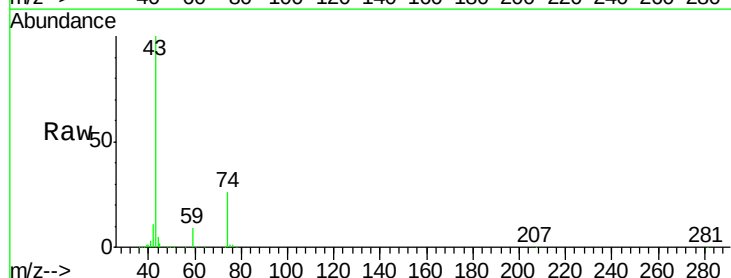
Acq: 16 Dec 2020 16:21

Tgt Ion: 43 Resp: 74278

Ion Ratio Lower Upper

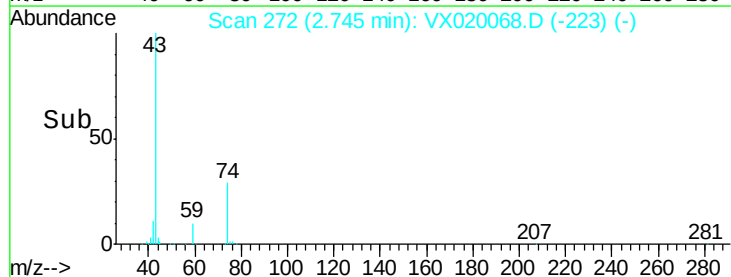
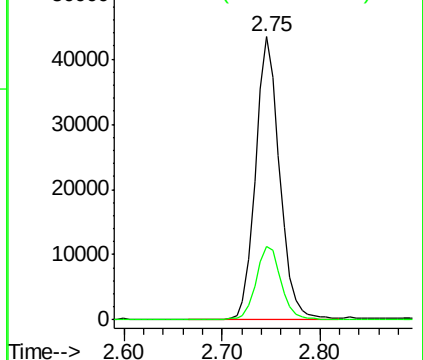
43 100

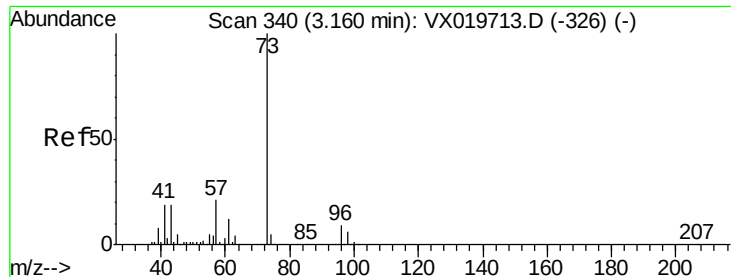
74 27.5 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



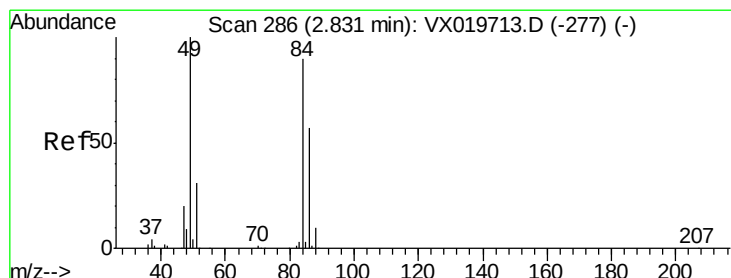
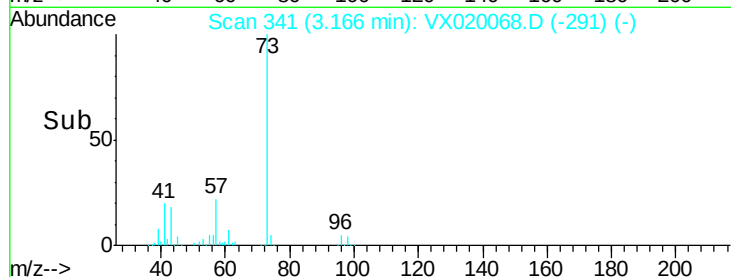
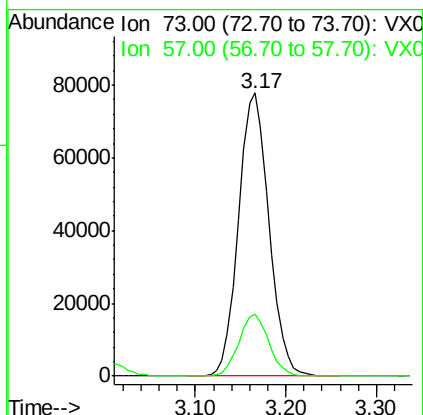
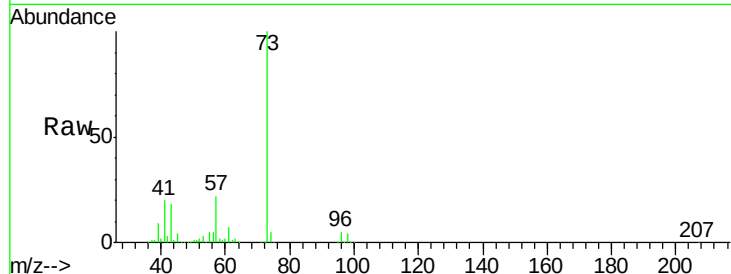


#19

Methyl tert-butyl Ether
 Concen: 20.587 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD01

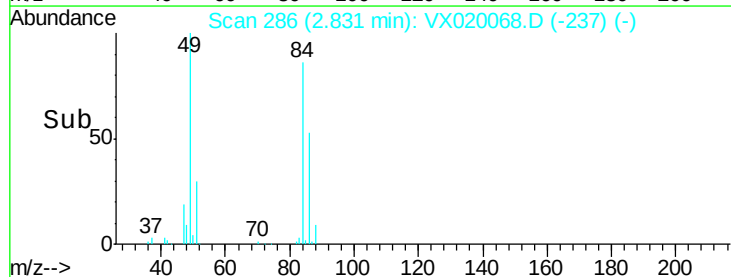
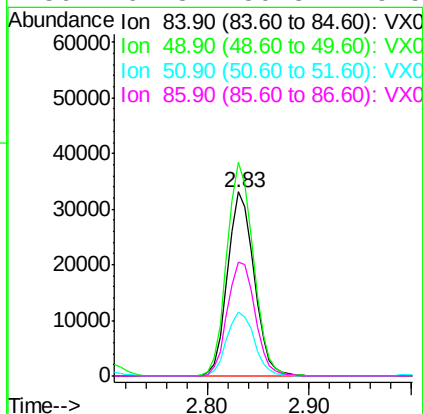
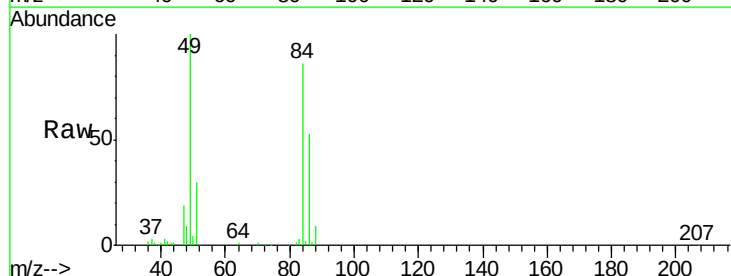
Tgt Ion: 73 Resp: 181216
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.1 25.7

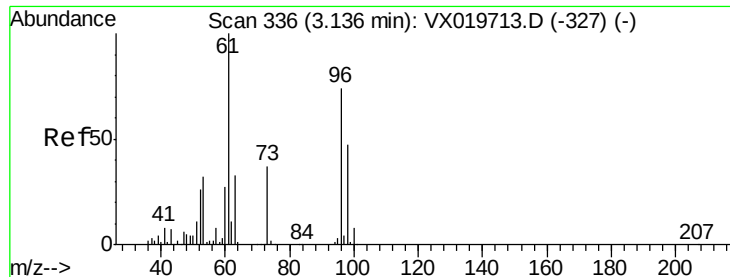


#20

Methylene Chloride
 Concen: 19.196 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Tgt Ion: 84 Resp: 59720
 Ion Ratio Lower Upper
 84 100
 49 116.2 88.6 132.8
 51 34.8 27.0 40.6
 86 61.8 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.058 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD01

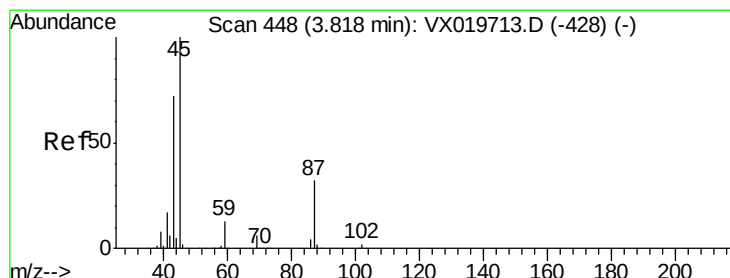
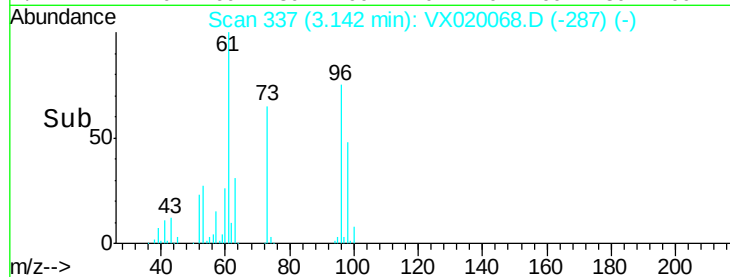
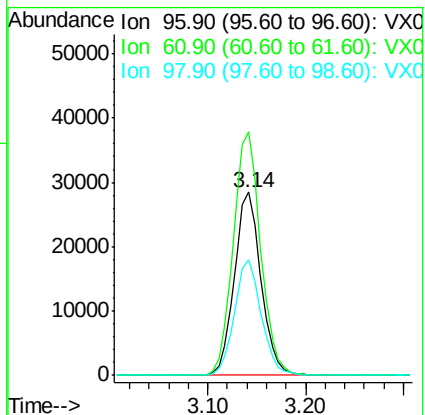
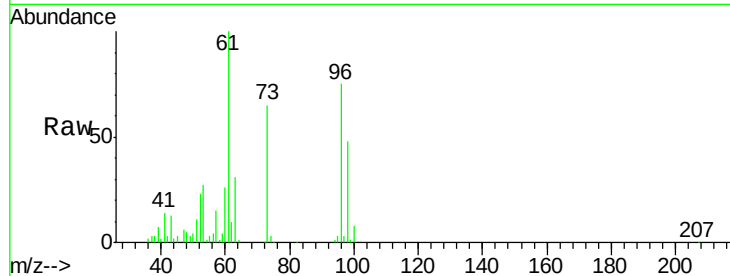
Tgt Ion: 96 Resp: 53705

Ion Ratio Lower Upper

96 100

61 133.1 107.7 161.5

98 63.4 50.4 75.6



#22

Diisopropyl ether

Concen: 21.531 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Tgt Ion: 45 Resp: 177709

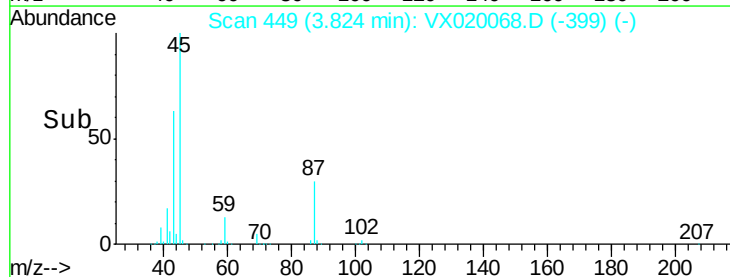
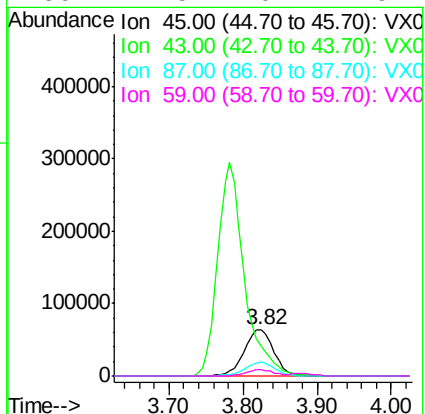
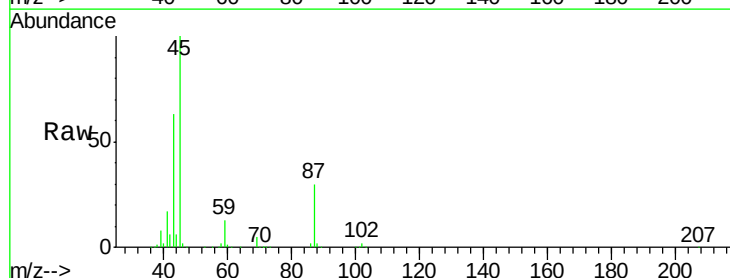
Ion Ratio Lower Upper

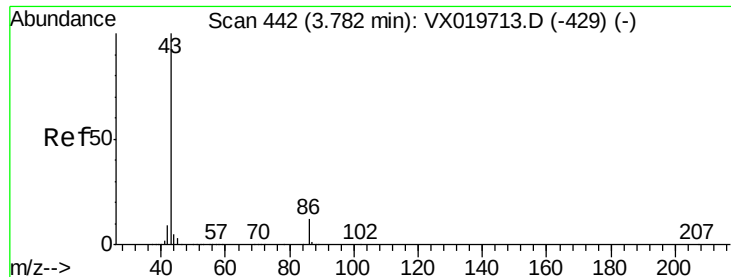
45 100

43 62.8 58.0 87.0

87 30.2 25.4 38.0

59 12.5 10.2 15.2





#23

Vinyl Acetate

Concen: 104.963 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

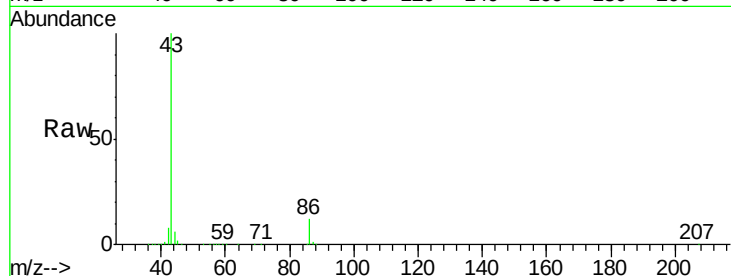
VX1217WBSD01

Tgt Ion: 43 Resp: 738072

Ion Ratio Lower Upper

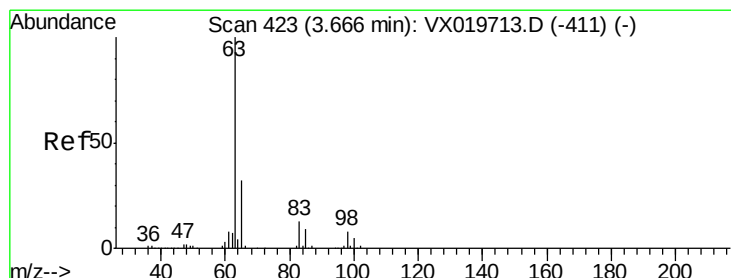
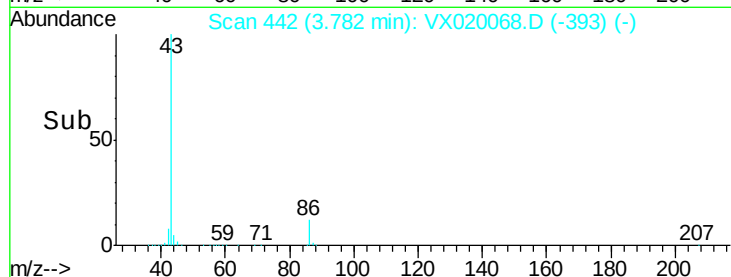
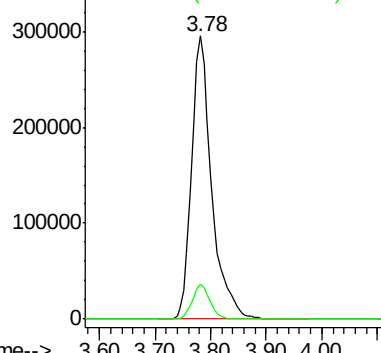
43 100

86 12.2 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.551 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

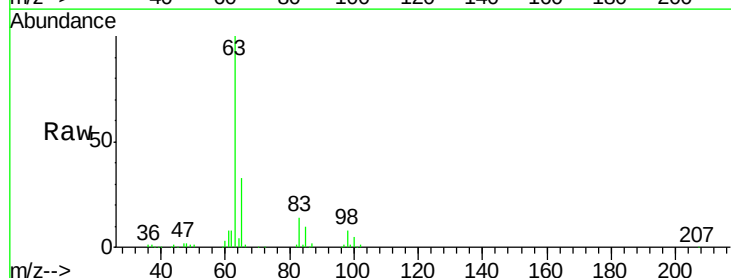
Tgt Ion: 63 Resp: 102287

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.2

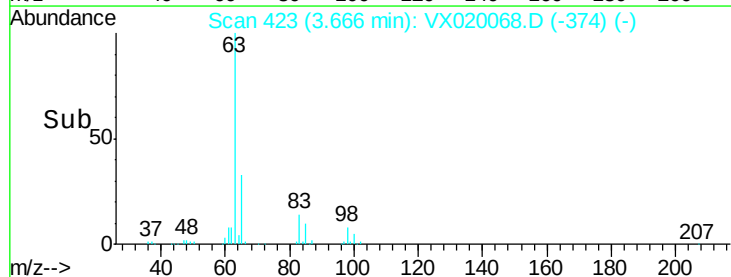
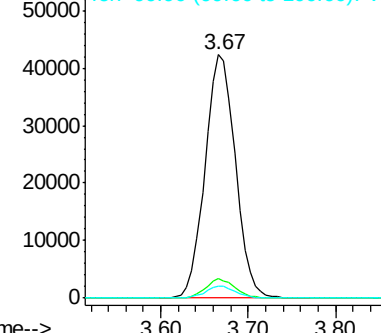
100 5.2 2.5 7.5

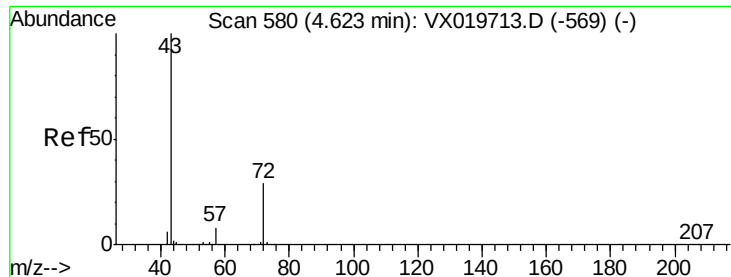


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

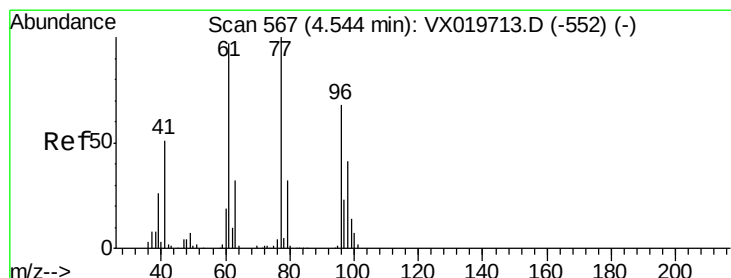
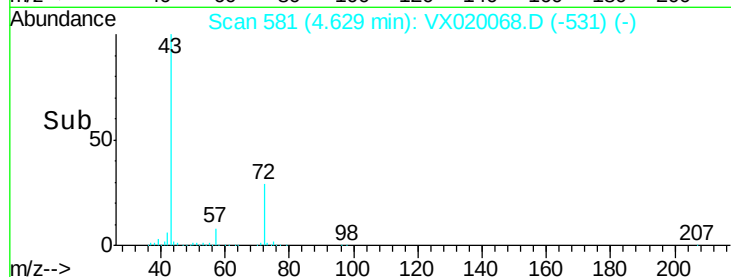
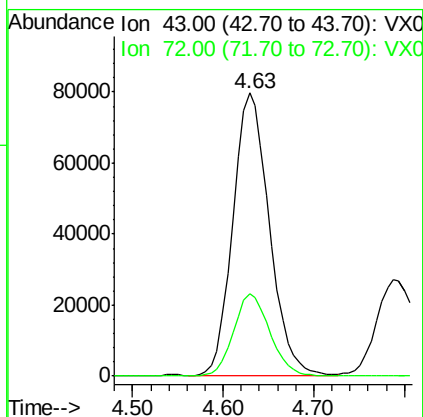
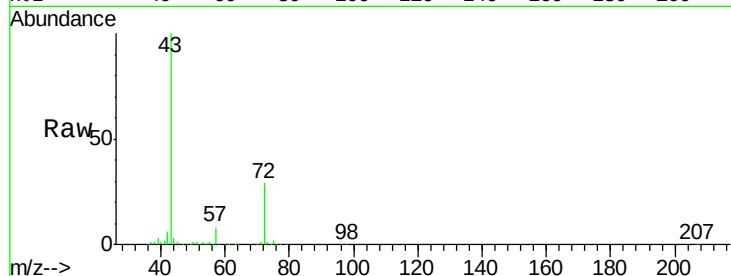




#25
2-Butanone
Concen: 110.943 ug/l
RT: 4.63 min Scan# 581
Delta R.T. 0.01 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

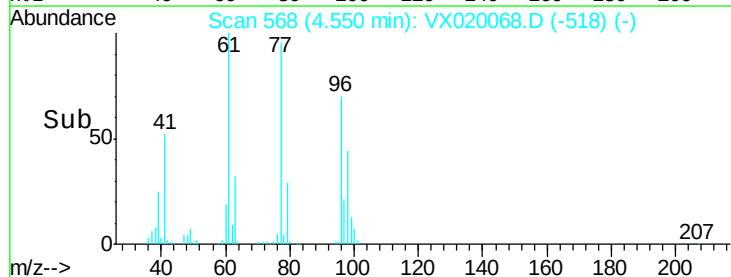
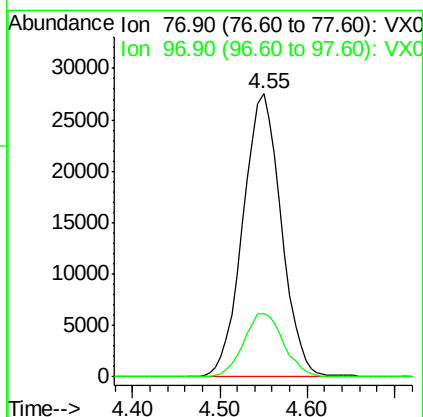
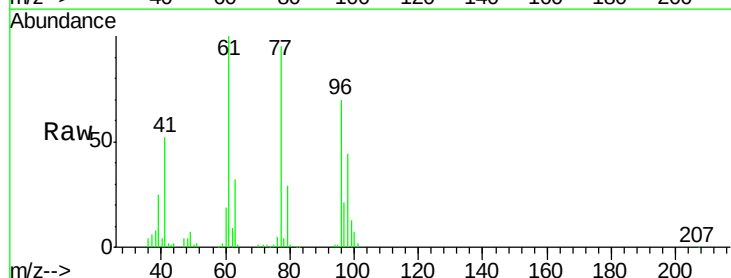
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD01

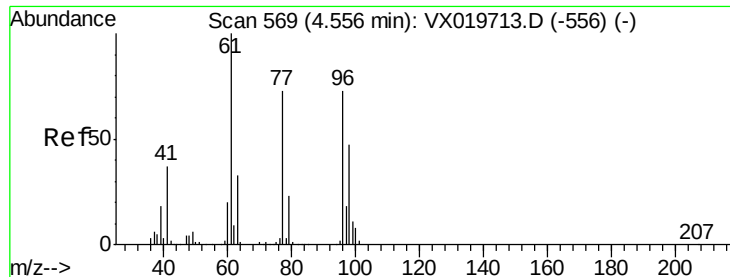
Tgt Ion: 43 Resp: 222172
Ion Ratio Lower Upper
43 100
72 29.1 23.7 35.5



#26
2,2-Dichloropropane
Concen: 19.584 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.01 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Tgt Ion: 77 Resp: 83940
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.1



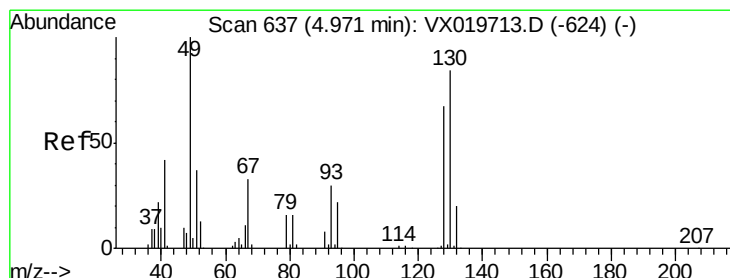
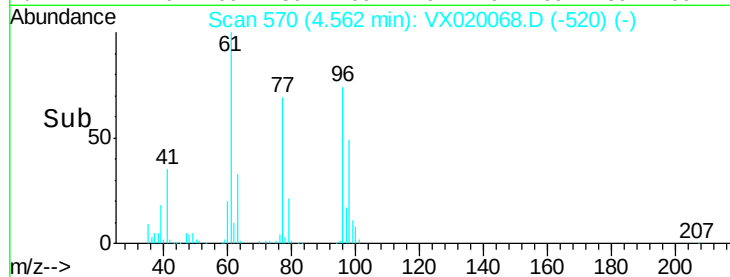
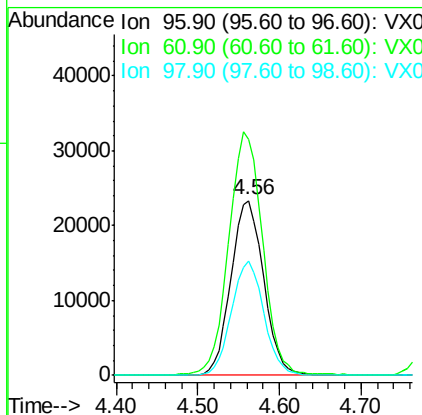
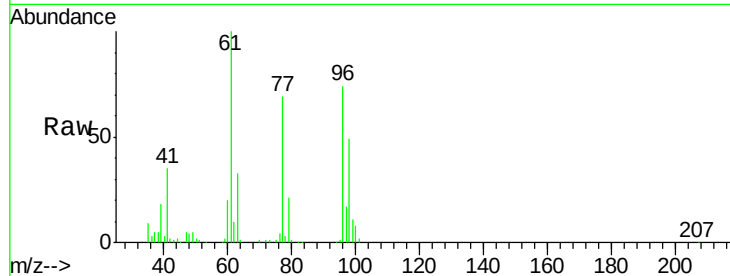


#27

cis-1,2-Dichloroethene
Concen: 19.674 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD01

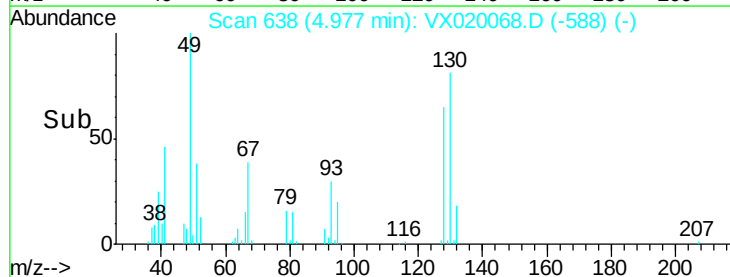
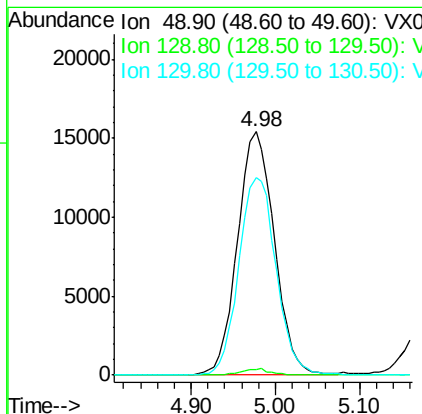
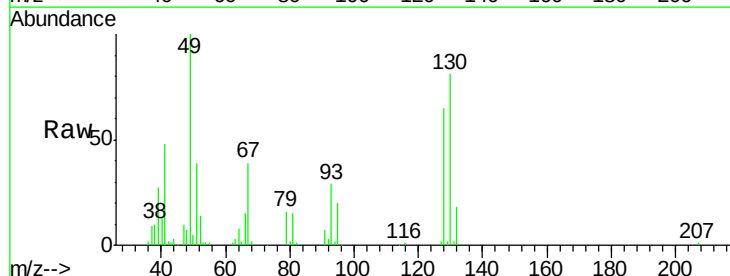
Tgt Ion: 96 Resp: 64880
Ion Ratio Lower Upper
96 100
61 145.0 0.0 285.6
98 64.4 0.0 129.6

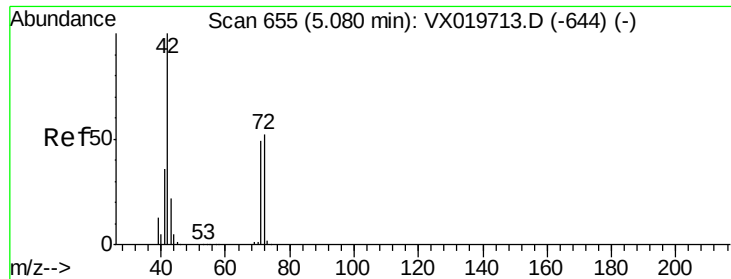


#28

Bromochloromethane
Concen: 19.260 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Tgt Ion: 49 Resp: 45697
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 82.1 68.2 102.2

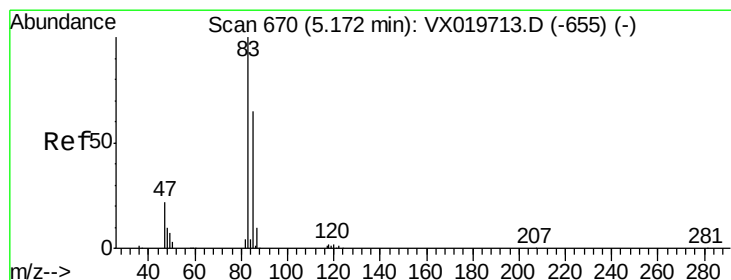
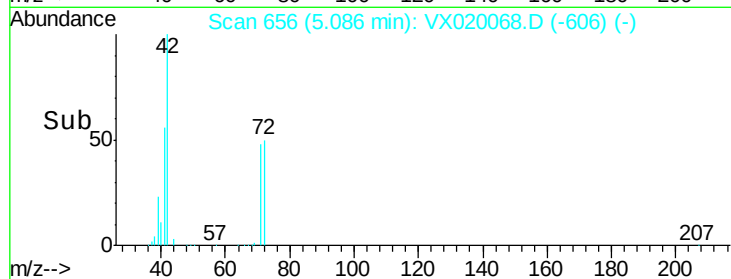
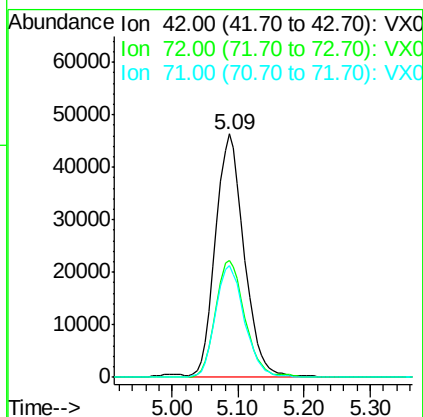
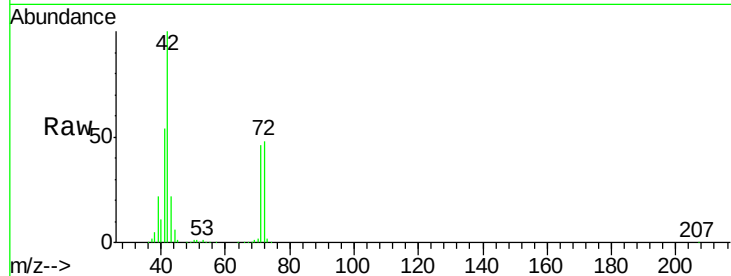




#29
Tetrahydrofuran
Concen: 107.256 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

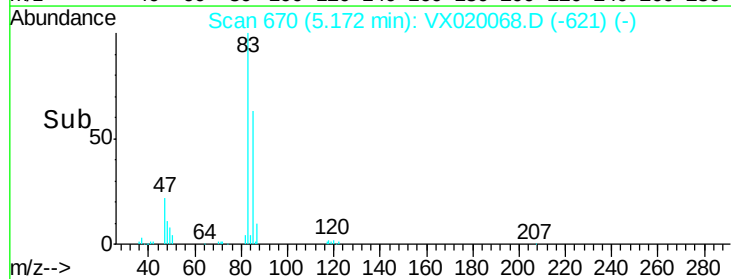
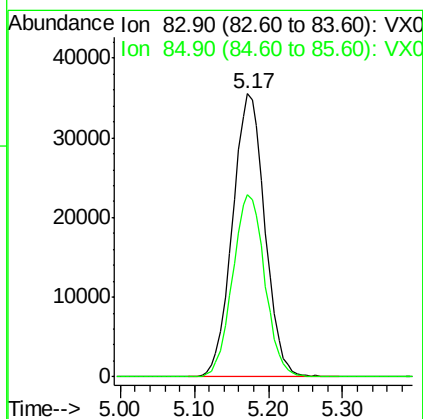
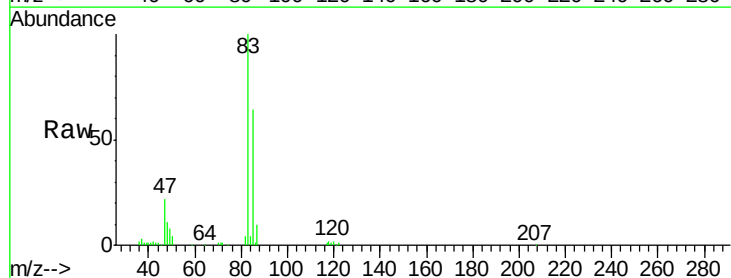
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD01

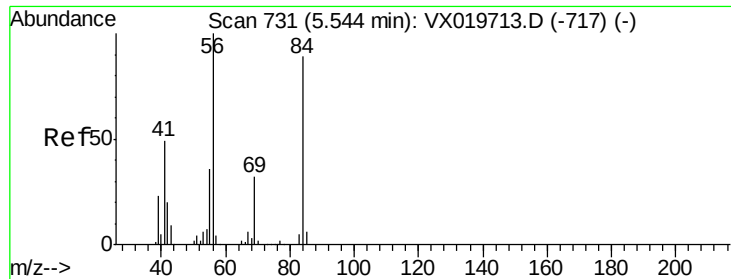
Tgt Ion: 42 Resp: 138385
Ion Ratio Lower Upper
42 100
72 49.9 41.7 62.5
71 46.9 38.4 57.6



#30
Chloroform
Concen: 21.100 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Tgt Ion: 83 Resp: 107985
Ion Ratio Lower Upper
83 100
85 64.3 52.0 78.0

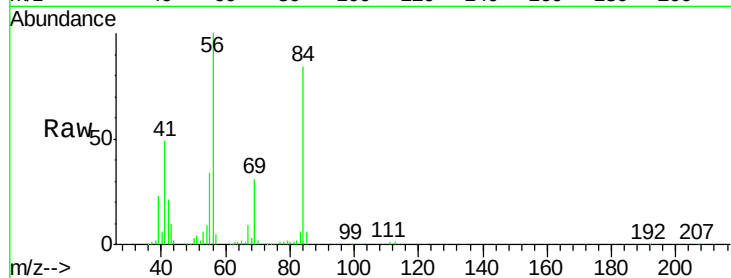




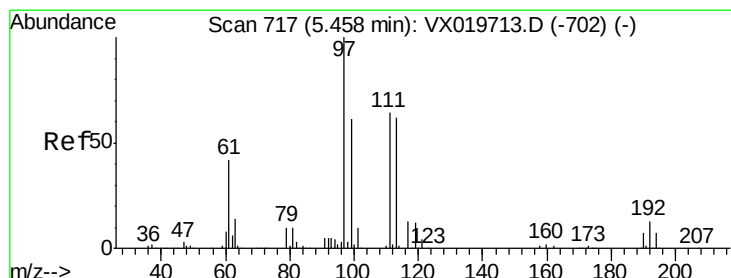
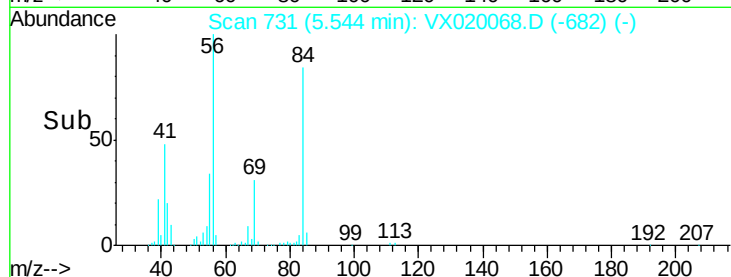
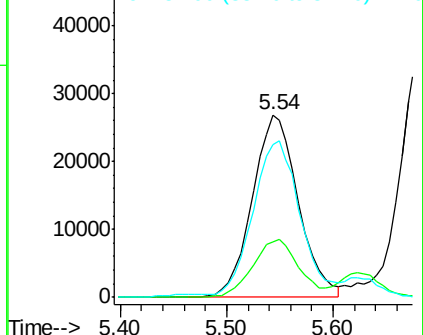
#31
Cyclohexane
Concen: 18.727 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD01

Tgt Ion: 56 Resp: 80767
Ion Ratio Lower Upper
56 100
69 30.6 25.3 37.9
84 82.5 71.4 107.0

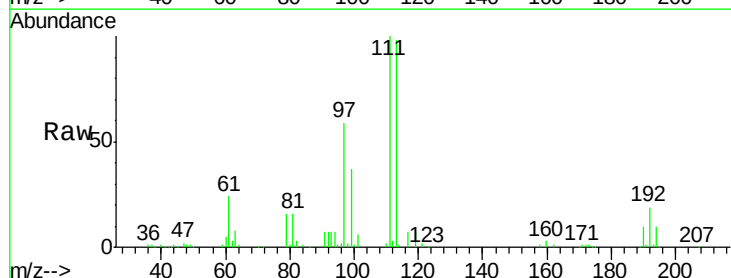


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

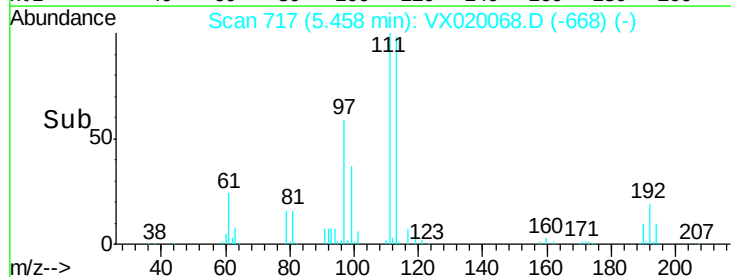
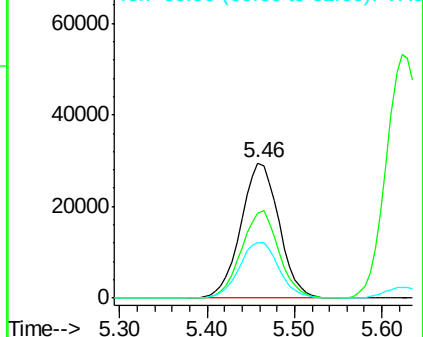


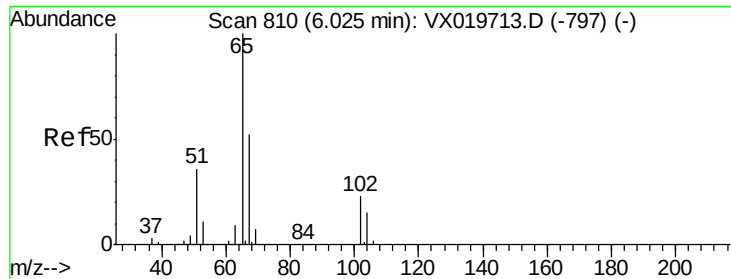
#32
1,1,1-Trichloroethane
Concen: 20.239 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Tgt Ion: 97 Resp: 89196
Ion Ratio Lower Upper
97 100
99 63.5 51.5 77.3
61 43.0 34.2 51.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

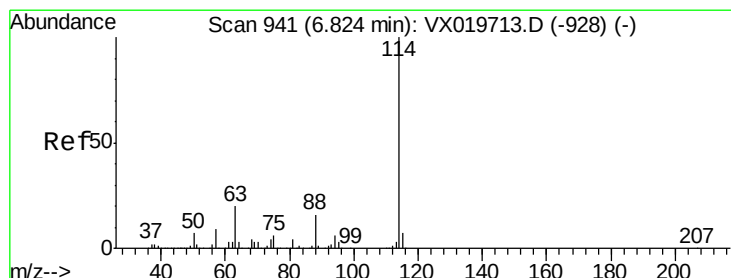
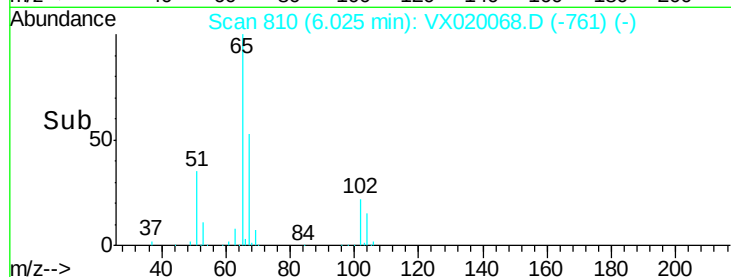
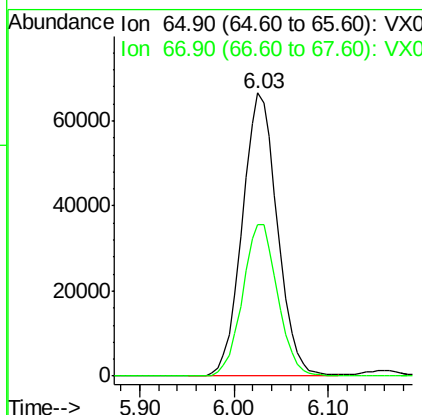
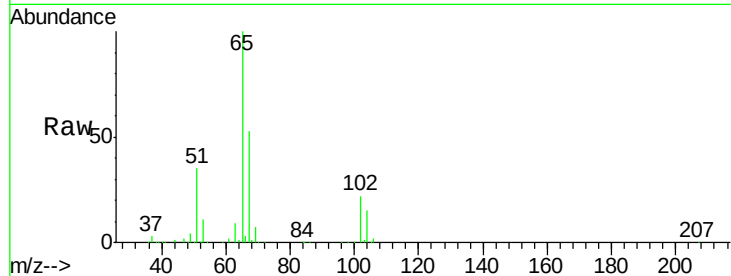




#33
 1,2-Dichloroethane-d4
 Concen: 50.113 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

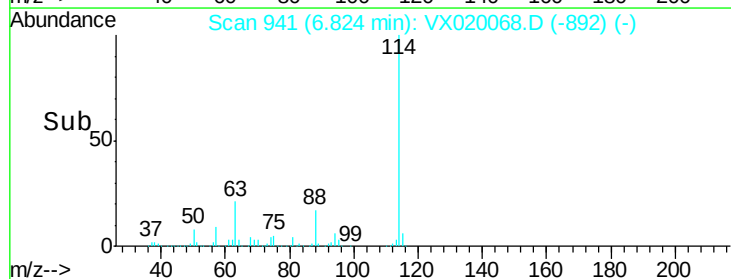
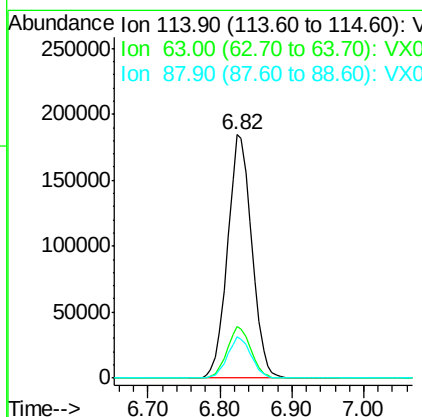
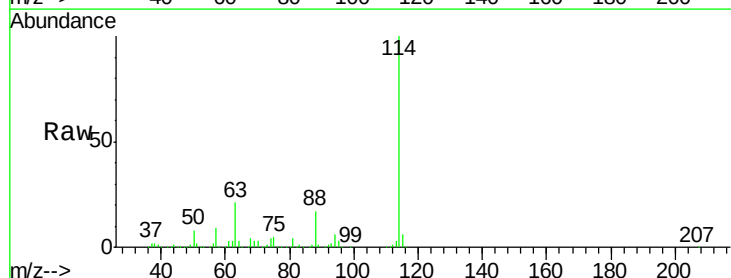
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD01

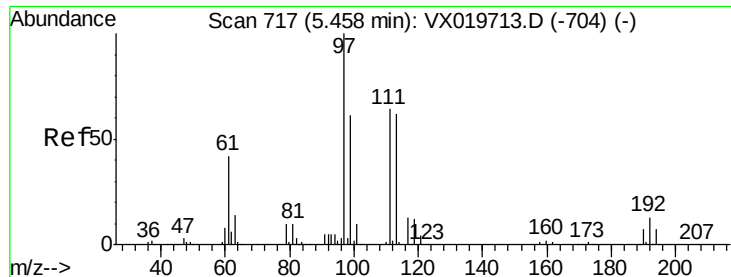
Tgt Ion: 65 Resp: 173754
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Tgt Ion: 114 Resp: 431712
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.8
 88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.215 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD01

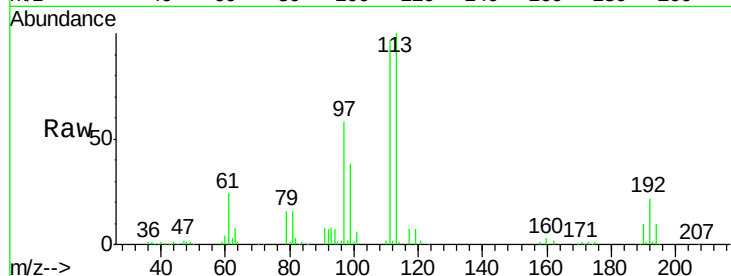
Tgt Ion:113 Resp: 140105

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

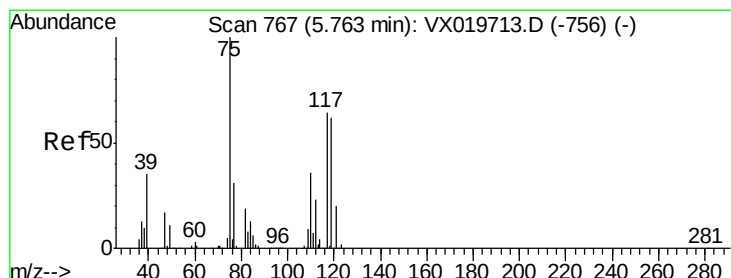
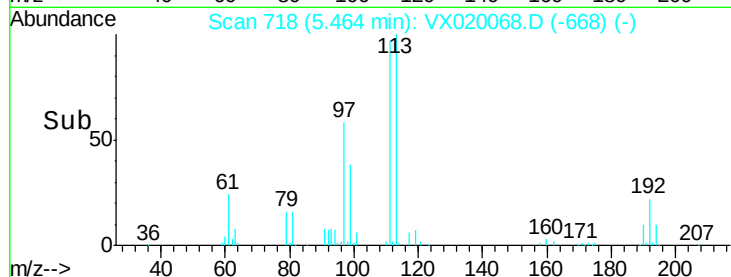
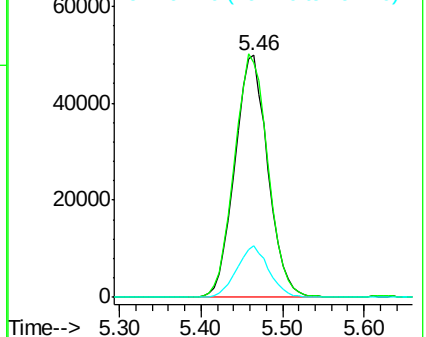
192 20.6 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.846 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

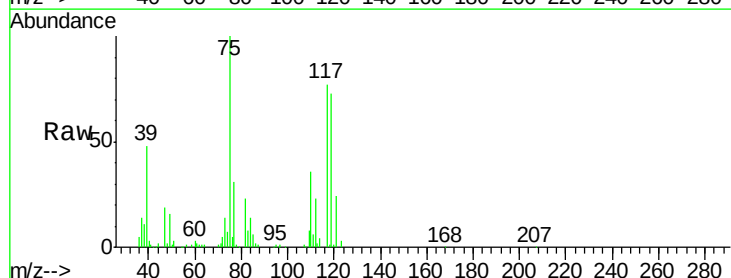
Tgt Ion: 75 Resp: 73521

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.4

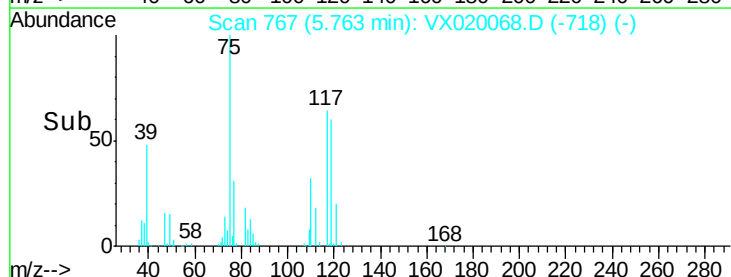
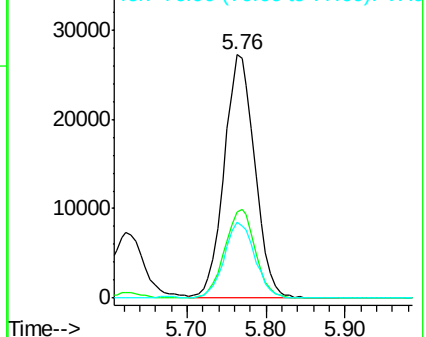
77 31.4 25.3 37.9

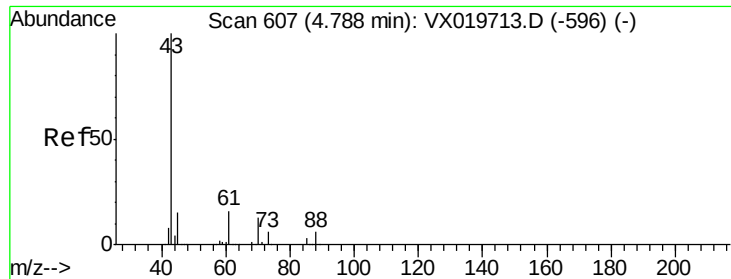


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

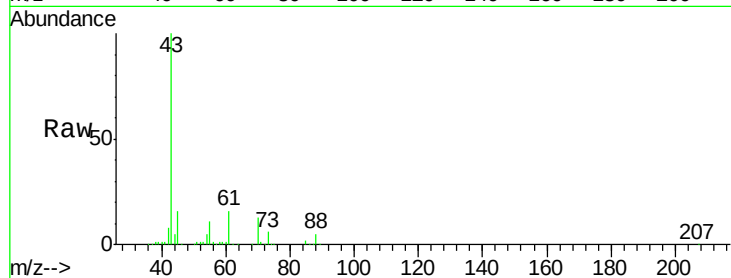




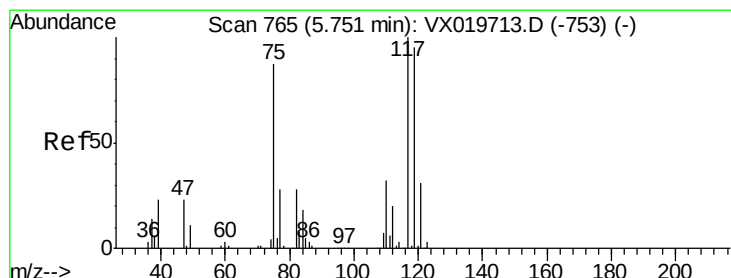
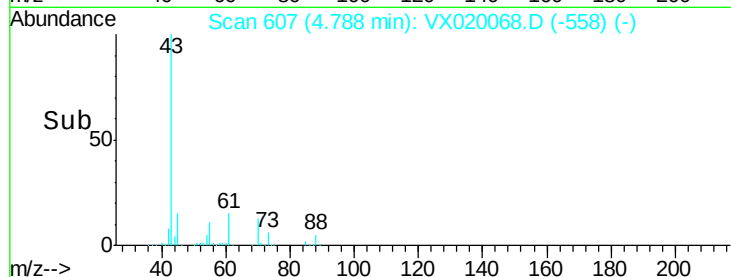
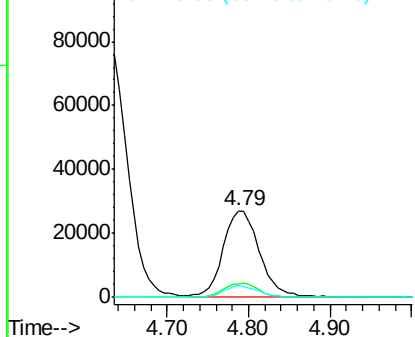
#37
Ethyl Acetate
Concen: 20.954 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD01

Tgt Ion: 43 Resp: 82534
Ion Ratio Lower Upper
43 100
61 16.2 12.8 19.2
70 13.0 10.5 15.7

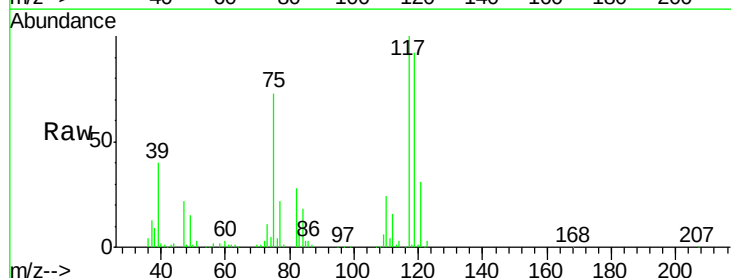


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

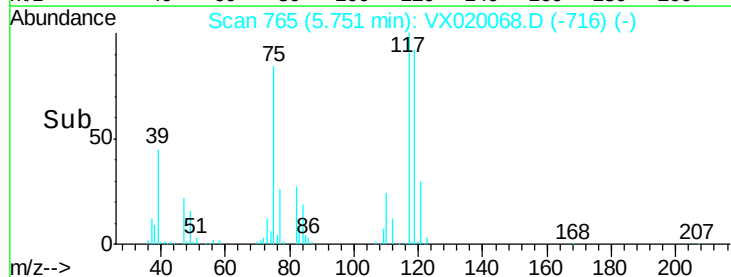
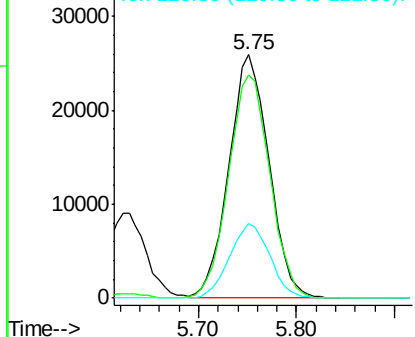


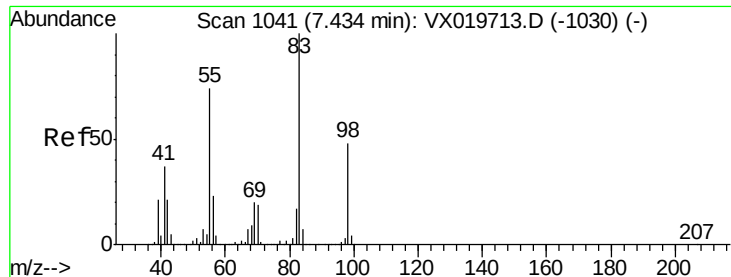
#38
Carbon Tetrachloride
Concen: 19.300 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Tgt Ion: 117 Resp: 73731
Ion Ratio Lower Upper
117 100
119 91.7 76.2 114.2
121 30.6 24.8 37.2



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

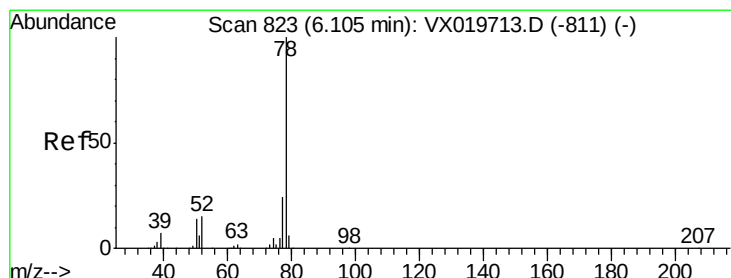
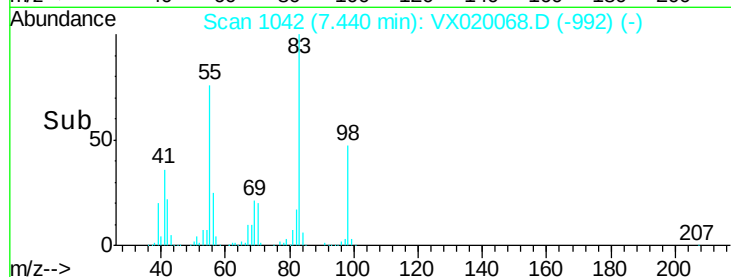
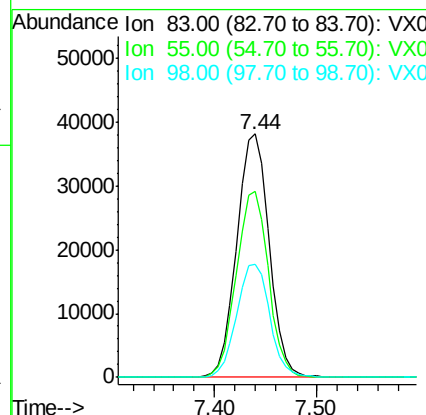
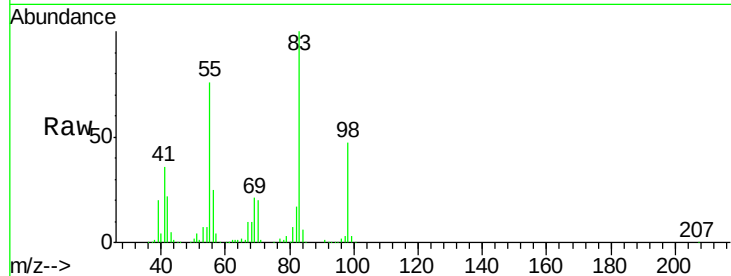




#39
Methylcyclohexane
Concen: 18.310 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

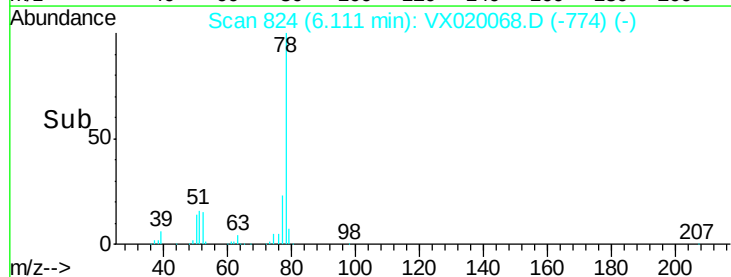
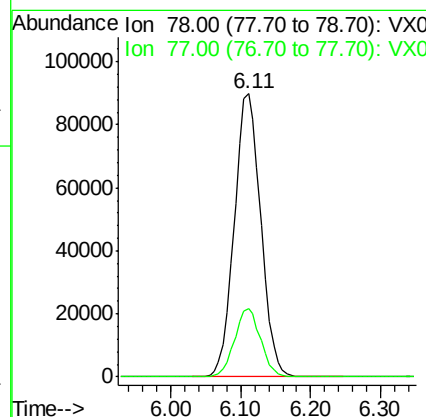
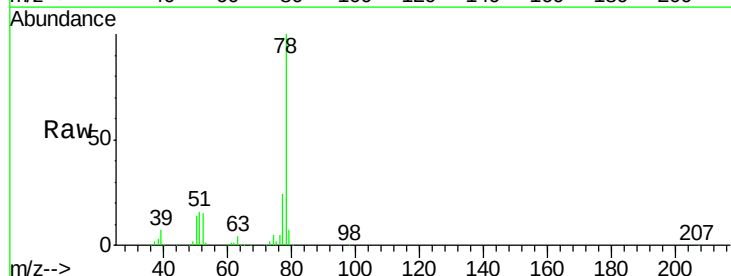
Instrument :
MSVOA_X
ClientSampled :
VX1217WBSD01

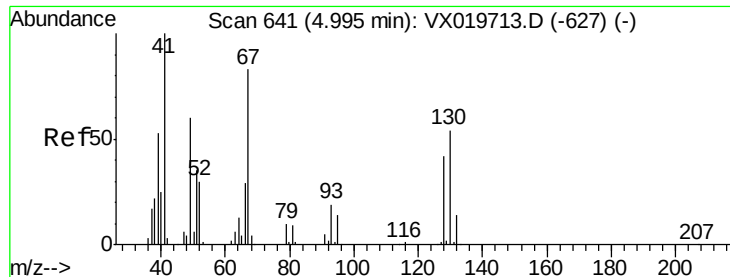
Tgt Ion: 83 Resp: 83921
Ion Ratio Lower Upper
83 100
55 76.2 58.9 88.3
98 46.5 38.1 57.1



#40
Benzene
Concen: 19.825 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Tgt Ion: 78 Resp: 236246
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

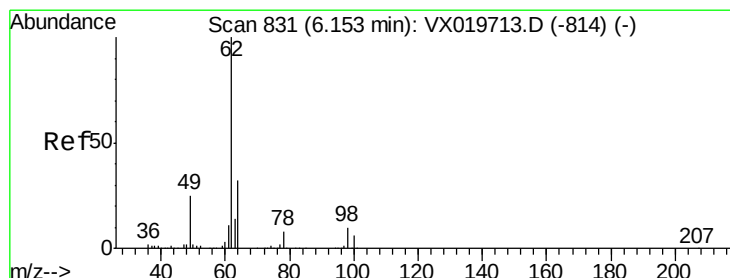
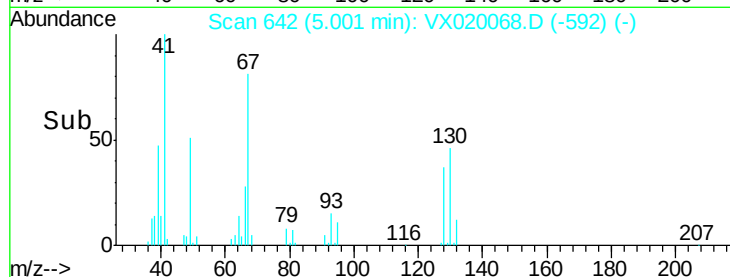
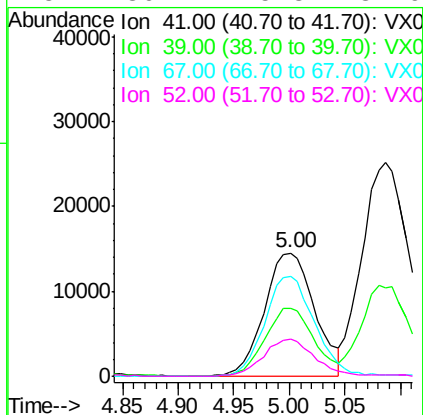
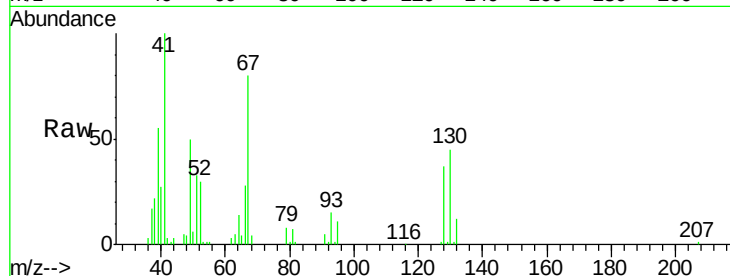




#41
Methacrylonitrile
Concen: 21.120 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

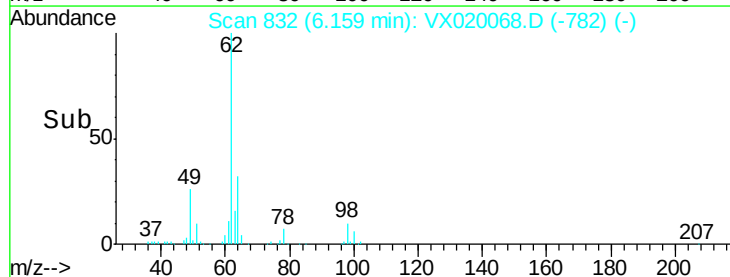
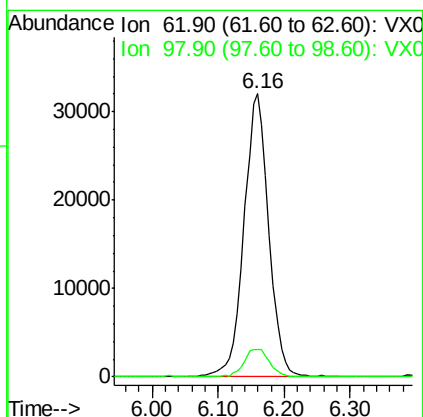
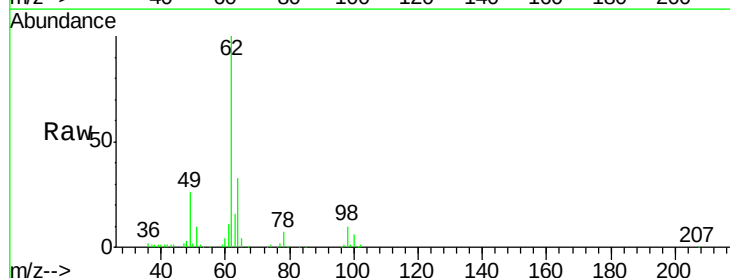
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD01

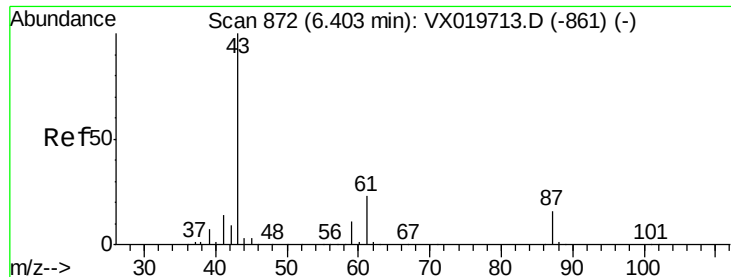
Tgt Ion:	41	Resp:	45673
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.5	63.7
67	80.9	65.0	97.6
52	30.7	25.3	37.9



#42
1,2-Dichloroethane
Concen: 20.462 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Tgt Ion:	62	Resp:	83311
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2



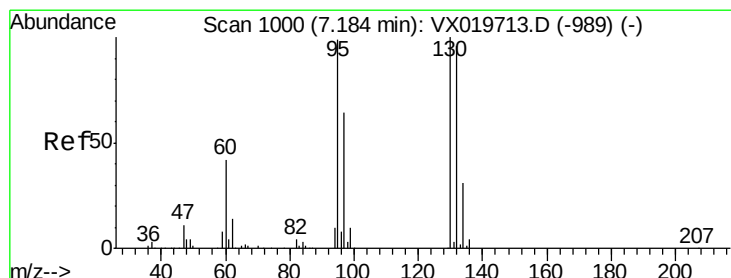
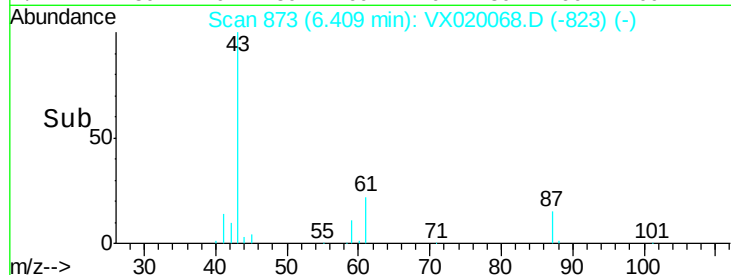
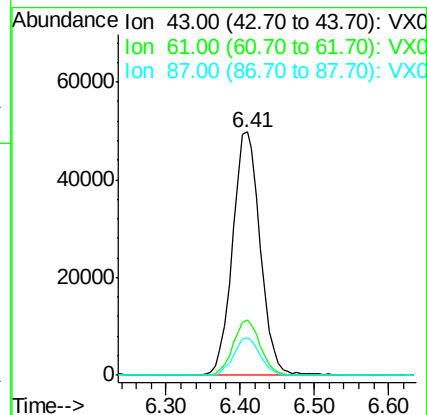
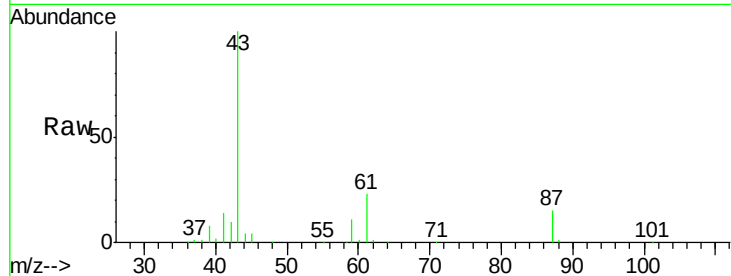


#43

Isopropyl Acetate
 Concen: 20.039 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD01

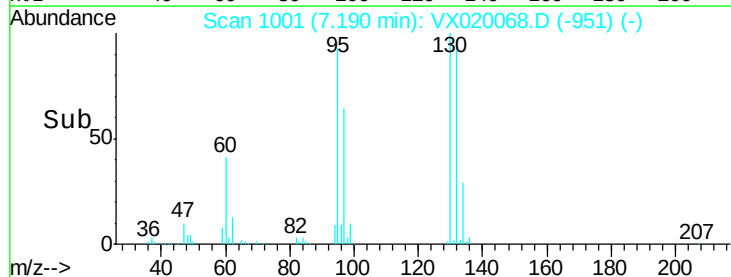
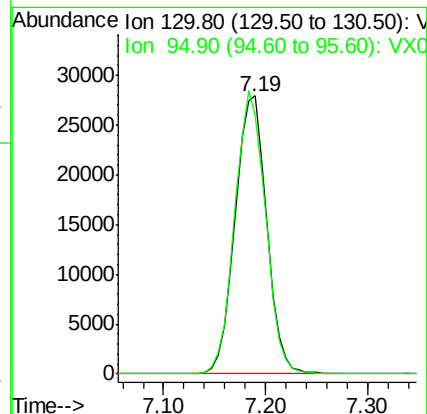
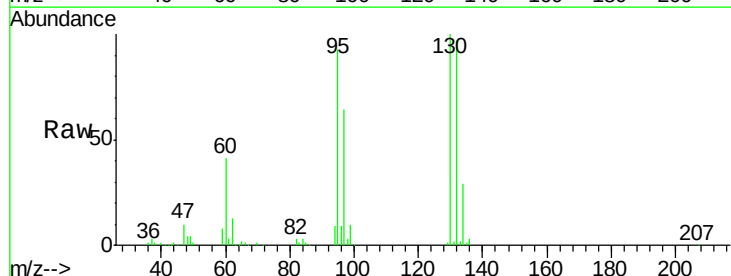
Tgt Ion: 43 Resp: 128325
 Ion Ratio Lower Upper
 43 100
 61 22.4 18.2 27.4
 87 15.0 12.5 18.7

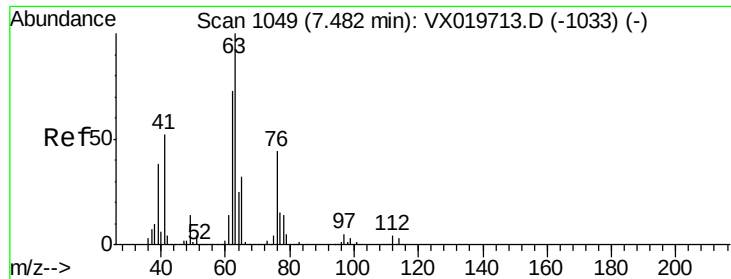


#44

Trichloroethene
 Concen: 19.099 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Tgt Ion: 130 Resp: 59717
 Ion Ratio Lower Upper
 130 100
 95 92.9 0.0 198.0

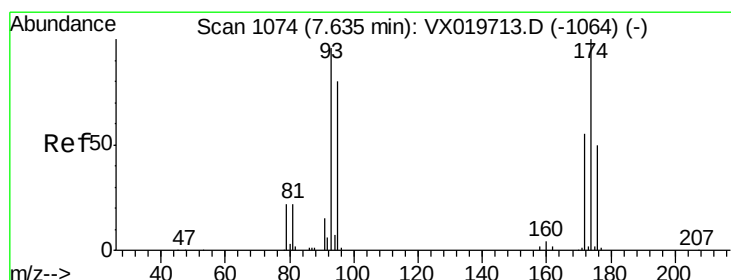
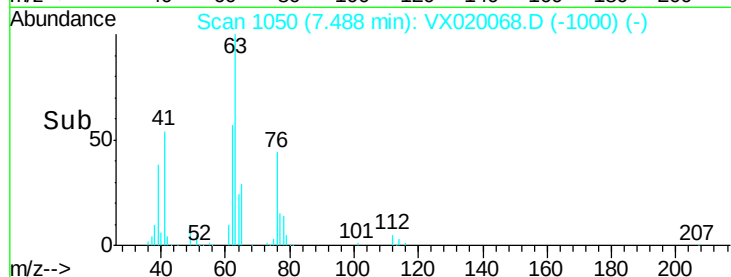
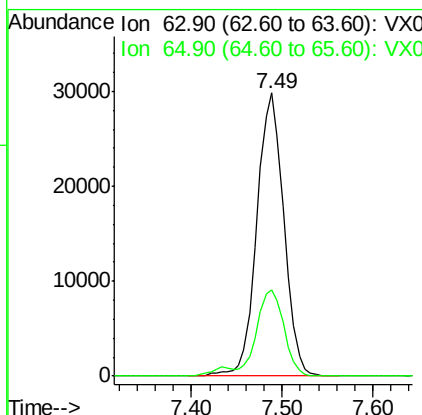
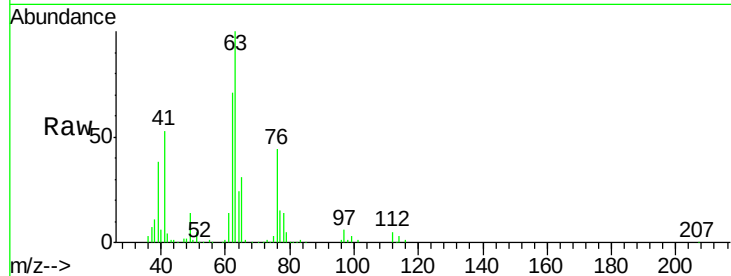




#45
 1,2-Dichloropropane
 Concen: 20.624 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

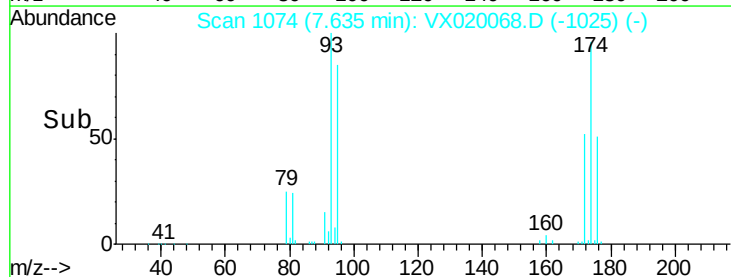
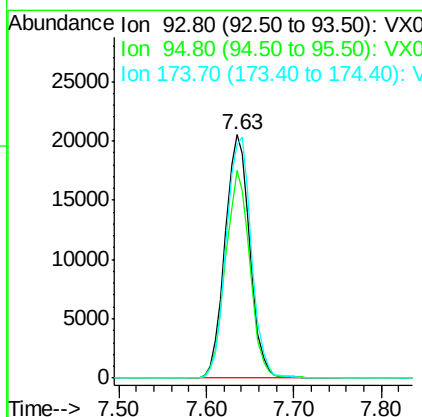
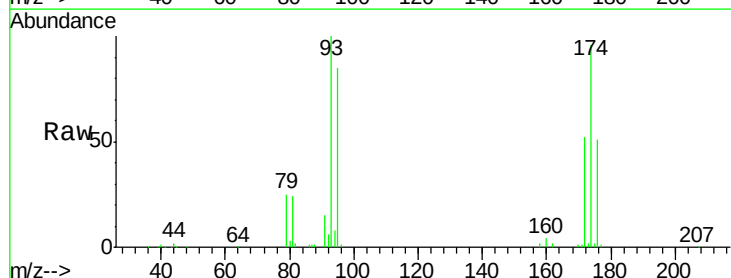
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD01

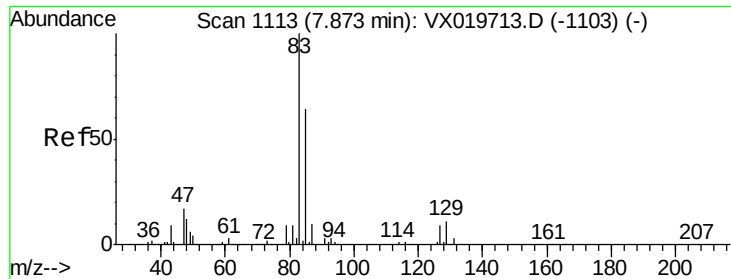
Tgt Ion: 63 Resp: 61424
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.7 38.5



#46
 Dibromomethane
 Concen: 20.067 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Tgt Ion: 93 Resp: 40361
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.8 100.2
 174 100.9 83.1 124.7

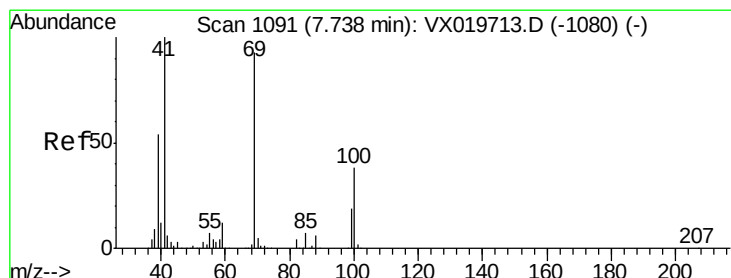
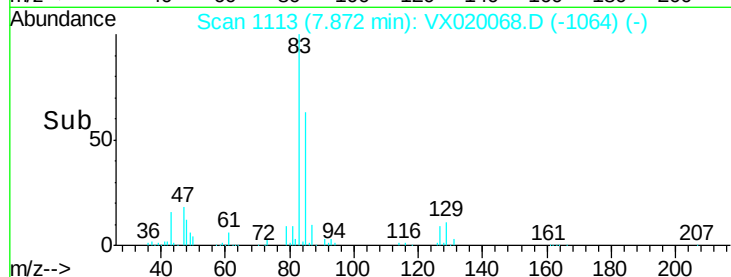
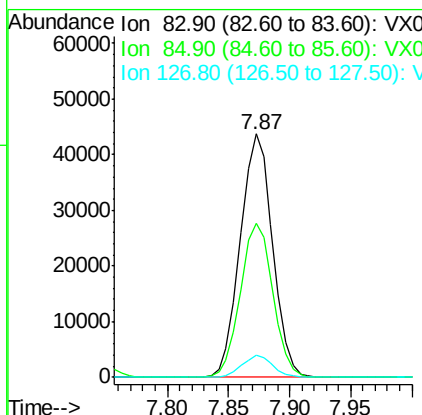
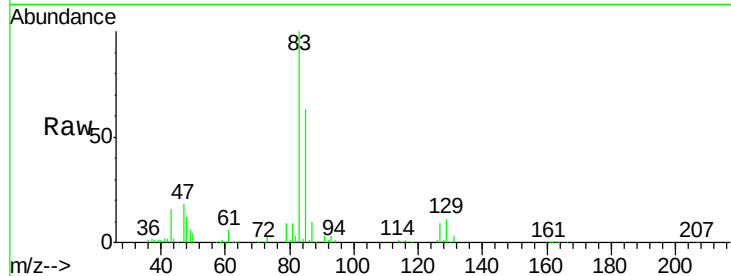




#47
Bromodichloromethane
Concen: 20.128 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

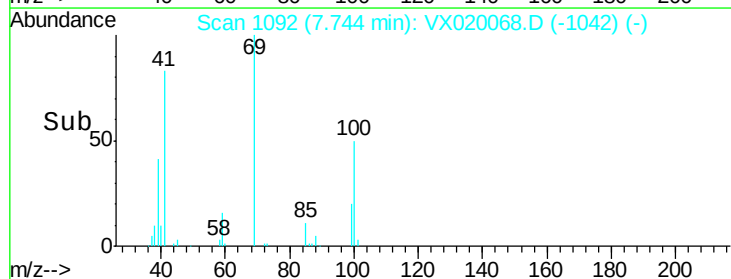
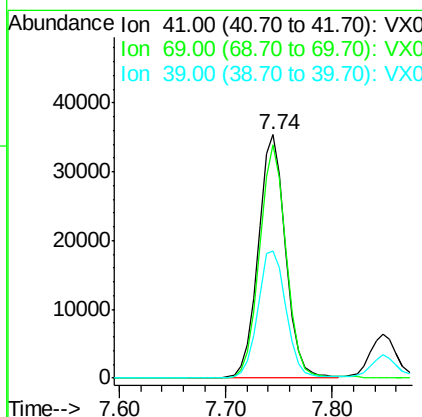
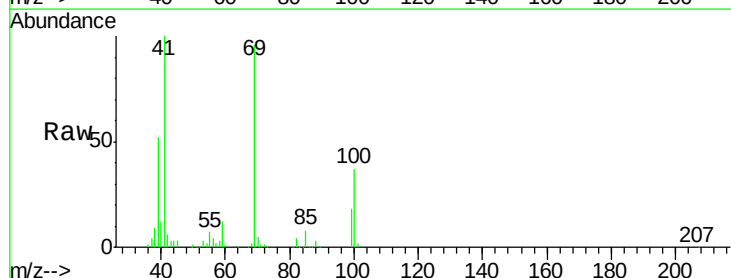
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD01

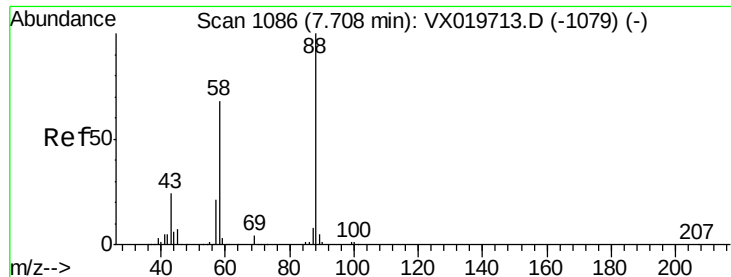
Tgt Ion: 83 Resp: 80330
Ion Ratio Lower Upper
83 100
85 63.1 51.4 77.0
127 9.1 6.8 10.2



#48
Methyl methacrylate
Concen: 20.189 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Tgt Ion: 41 Resp: 63582
Ion Ratio Lower Upper
41 100
69 93.7 76.0 114.0
39 54.2 44.6 67.0

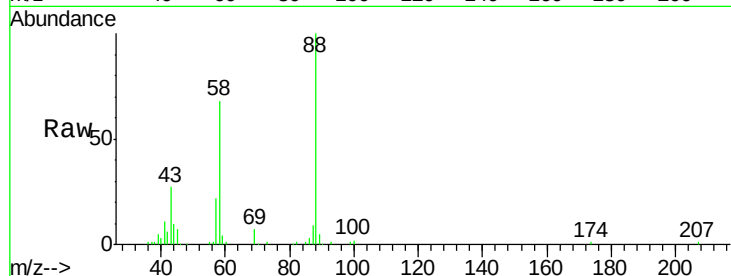




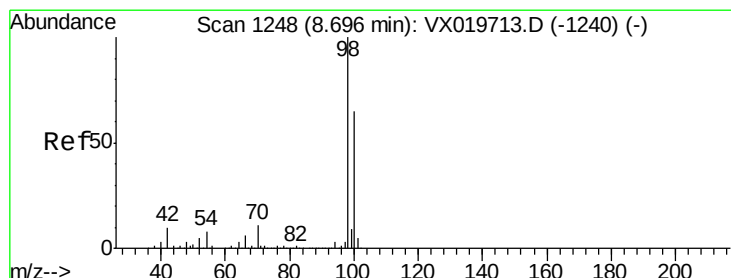
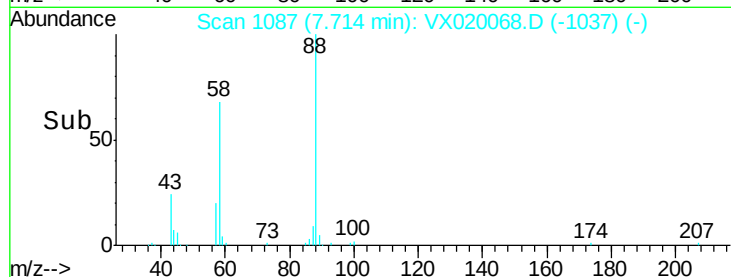
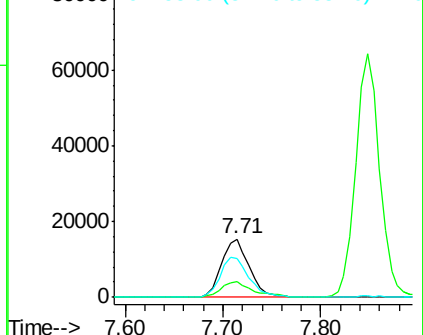
#49
 1,4-Dioxane
 Concen: 396.077 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD01

Tgt Ion: 88 Resp: 30218
 Ion Ratio Lower Upper
 88 100
 43 30.7 23.2 34.8
 58 71.2 55.0 82.4

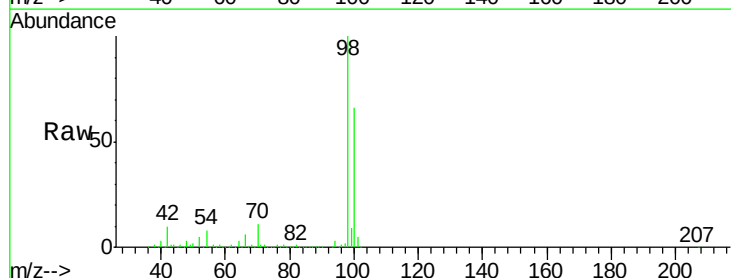


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

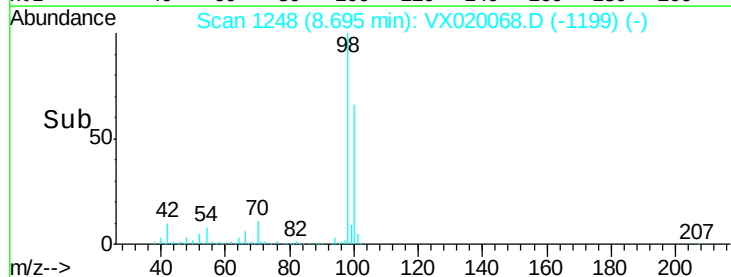
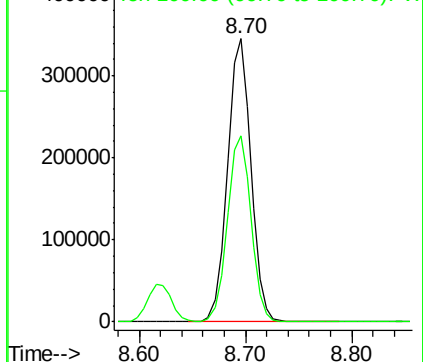


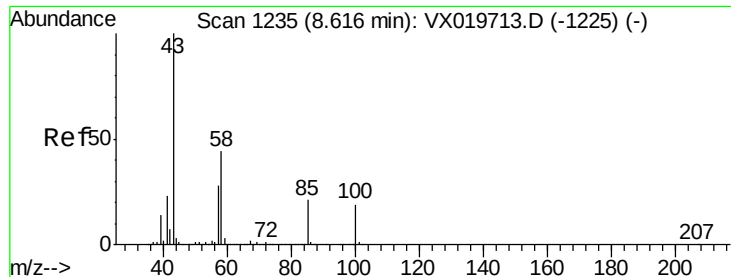
#50
 Toluene-d8
 Concen: 49.967 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Tgt Ion: 98 Resp: 532236
 Ion Ratio Lower Upper
 98 100
 100 66.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0

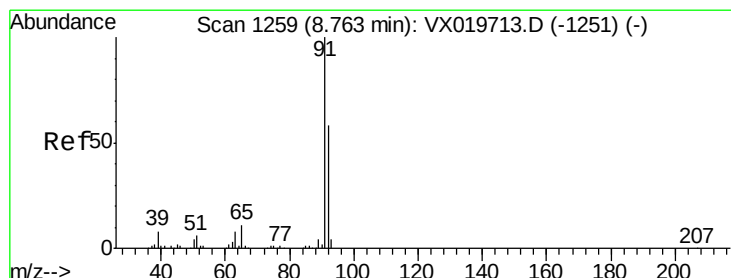
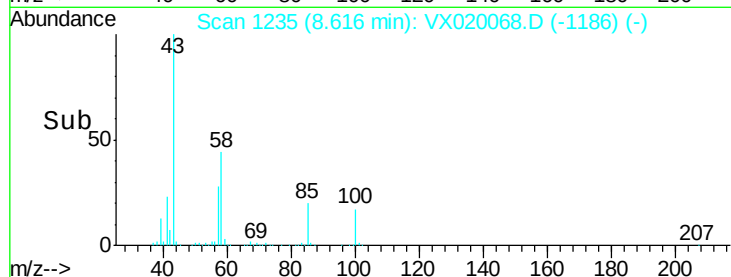
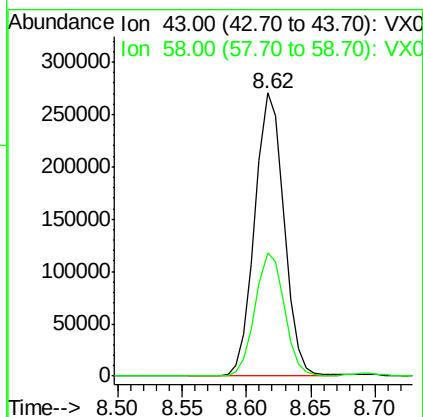
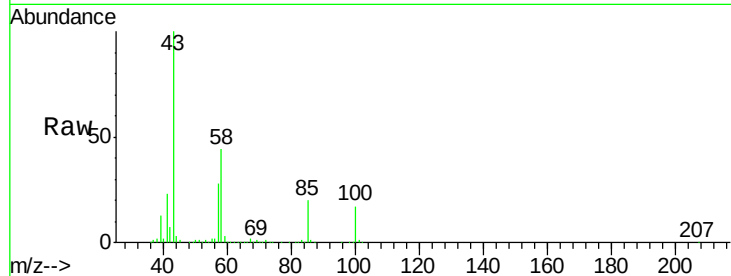




#51
 4-Methyl-2-Pentanone
 Concen: 108.149 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

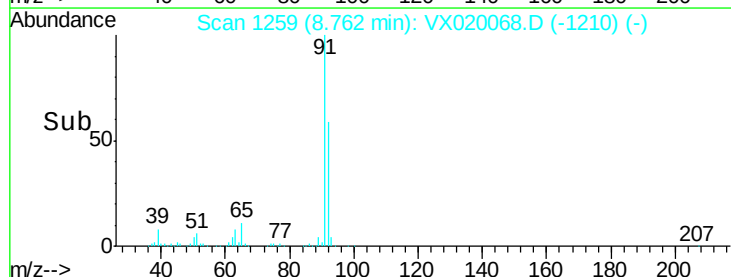
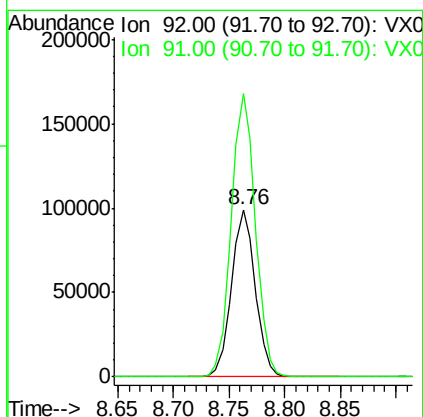
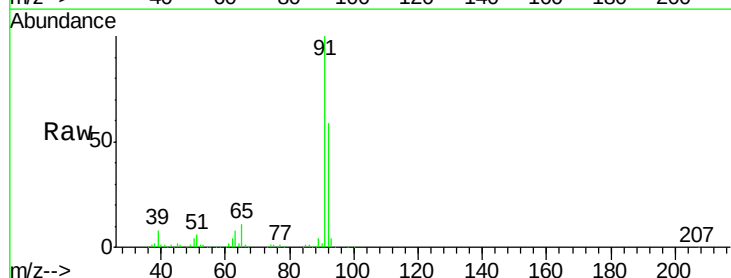
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD01

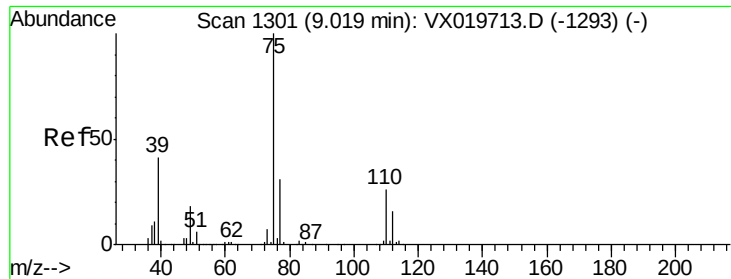
Tgt Ion: 43 Resp: 422825
 Ion Ratio Lower Upper
 43 100
 58 43.7 35.4 53.0



#52
 Toluene
 Concen: 19.629 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Tgt Ion: 92 Resp: 146301
 Ion Ratio Lower Upper
 92 100
 91 172.3 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 19.215 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

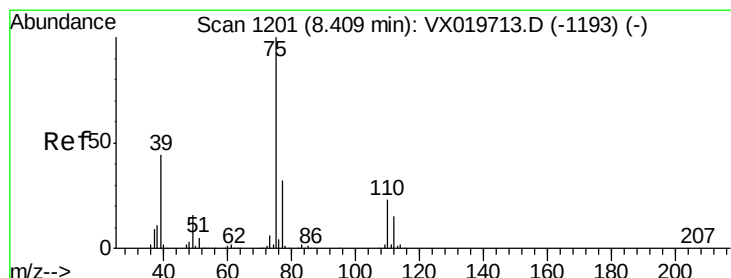
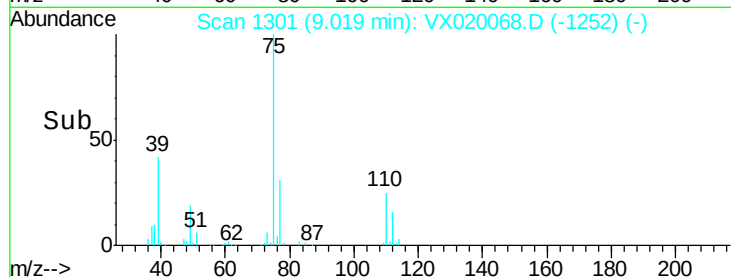
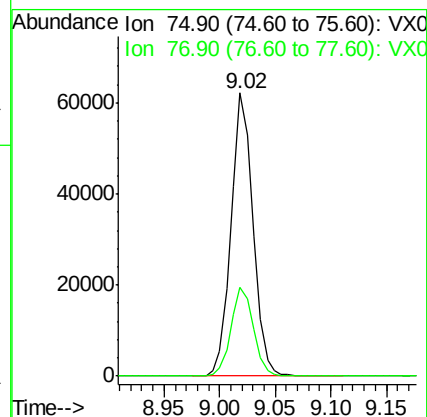
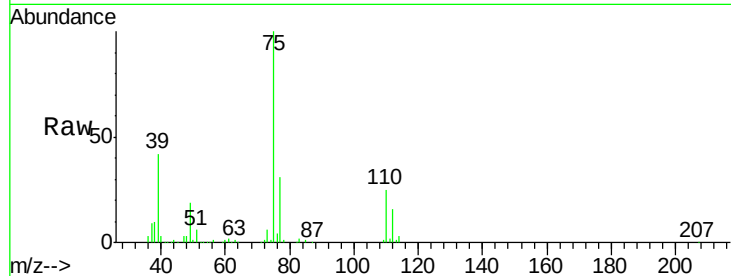
VX1217WBSD01

Tgt Ion: 75 Resp: 85101

Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.660 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

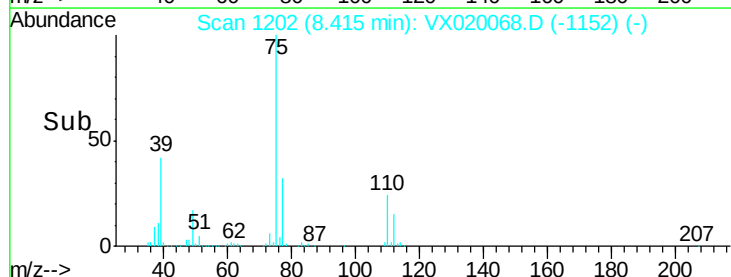
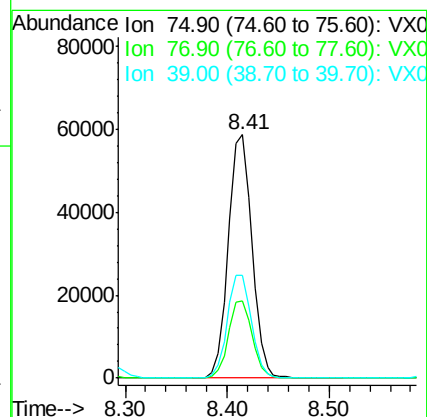
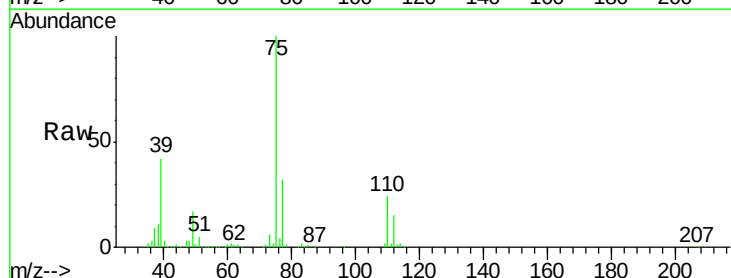
Tgt Ion: 75 Resp: 94593

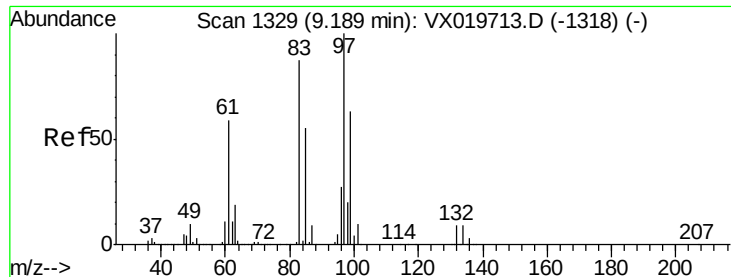
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

39 42.3 35.1 52.7

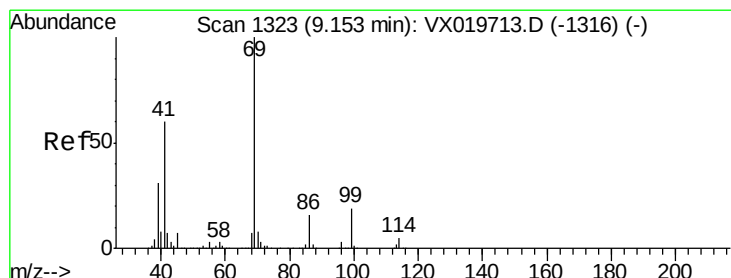
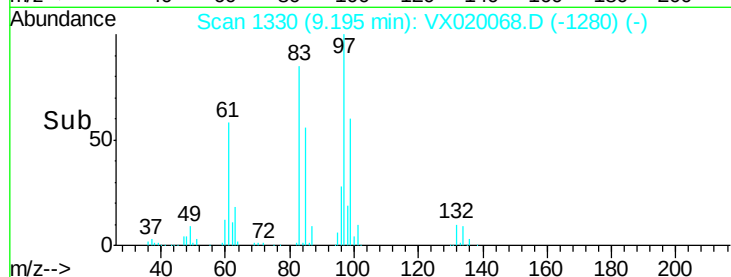
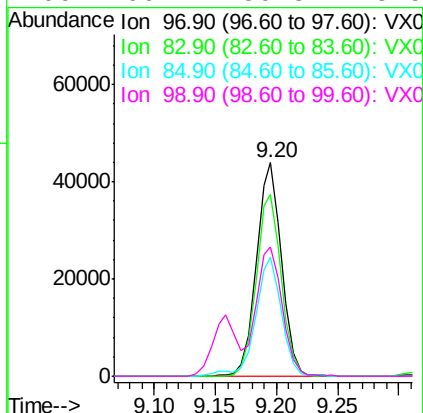
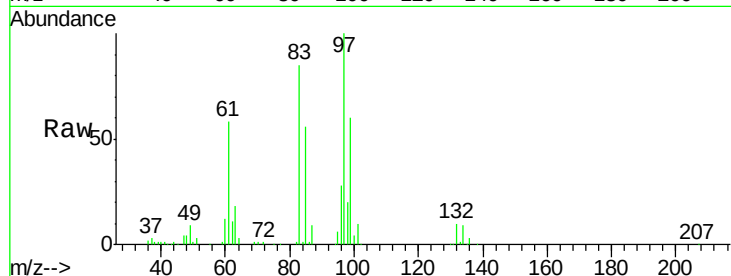




#55
 1,1,2-Trichloroethane
 Concen: 20.952 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

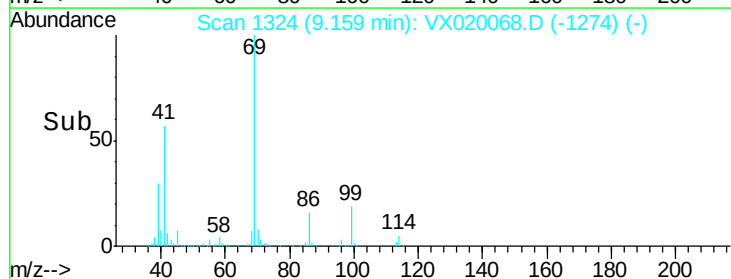
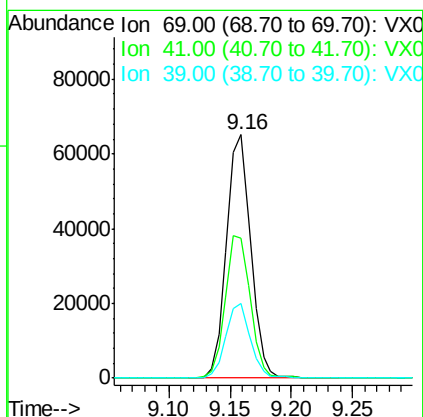
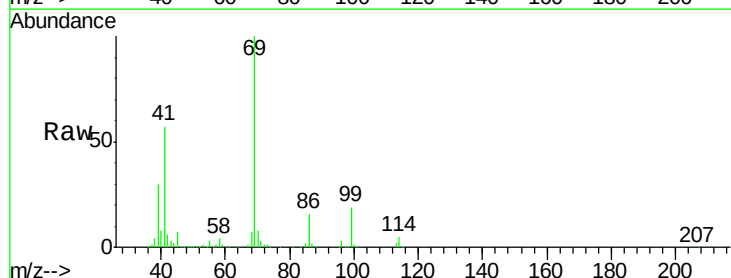
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD01

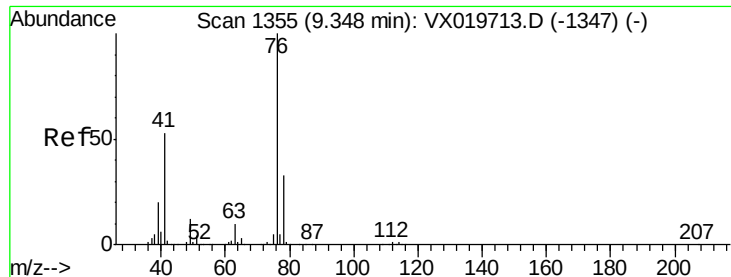
Tgt Ion:	97	Resp:	62931
Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.3	103.9
85	55.6	44.3	66.5
99	60.1	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 19.684 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Tgt Ion:	69	Resp:	89447
Ion	Ratio	Lower	Upper
69	100		
41	61.0	46.8	70.2
39	30.6	24.7	37.1

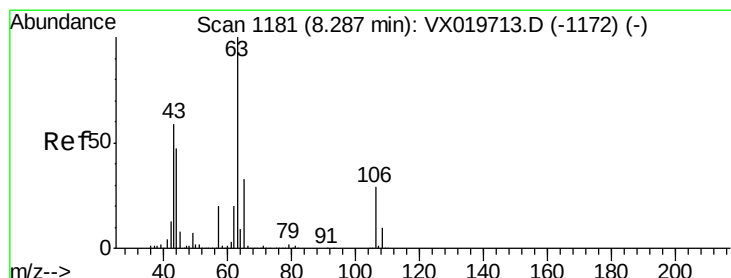
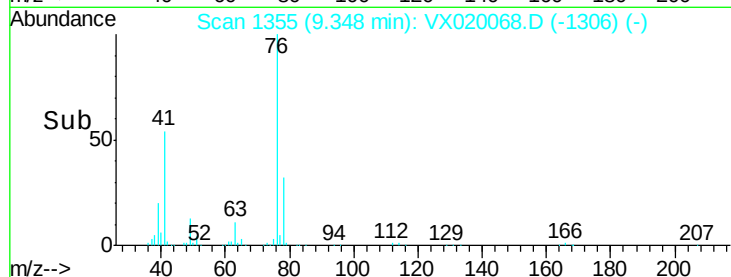
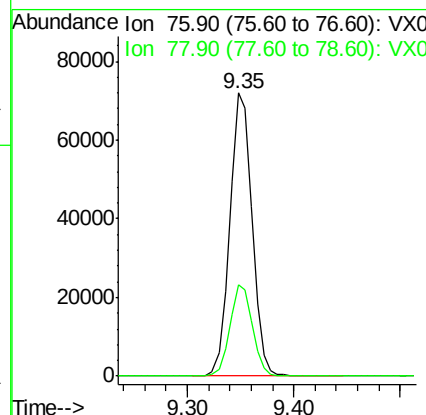
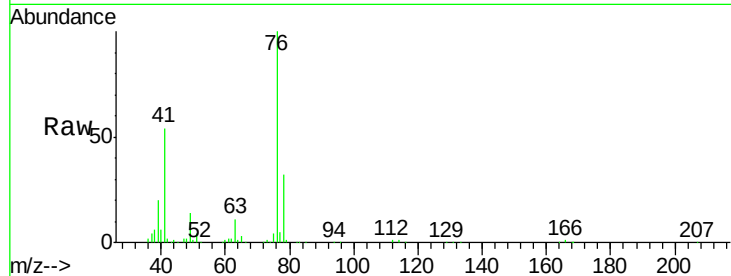




#57
 1,3-Dichloropropane
 Concen: 20.519 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

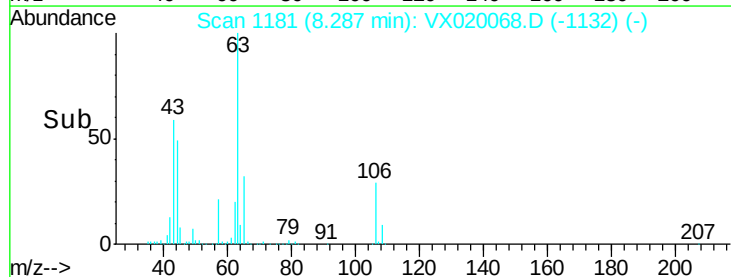
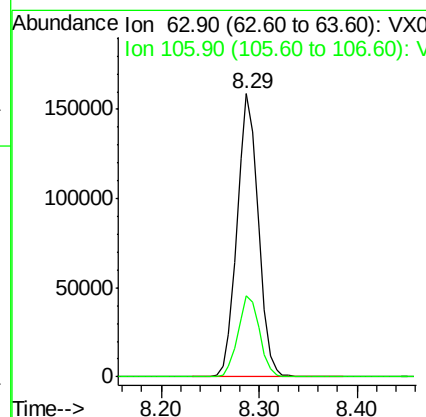
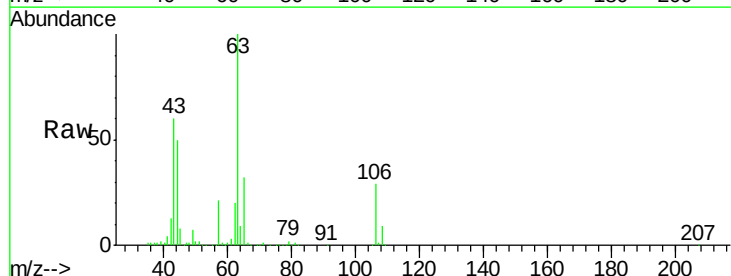
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD01

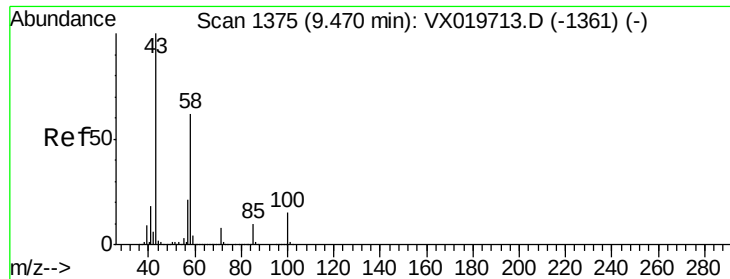
Tgt Ion: 76 Resp: 105232
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.640 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Tgt Ion: 63 Resp: 239868
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.5 35.3

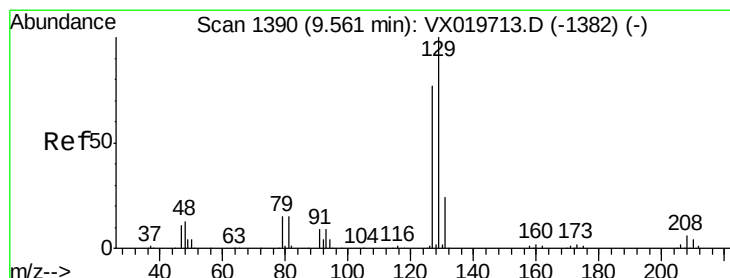
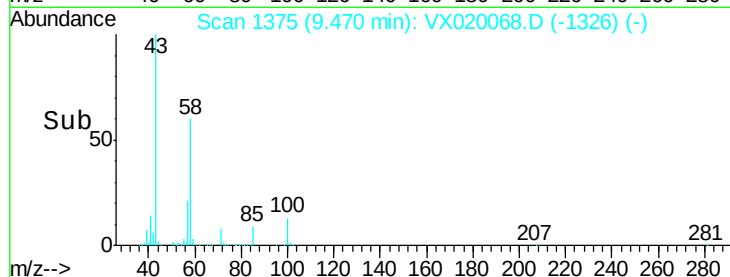
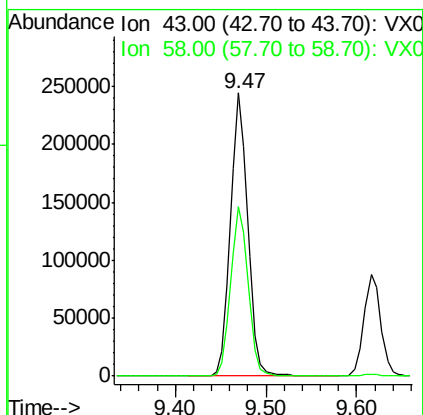
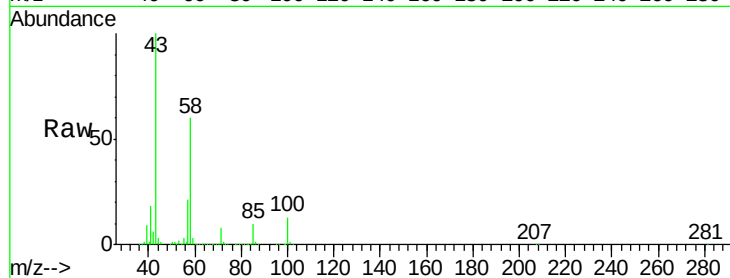




#59
2-Hexanone
Concen: 106.909 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

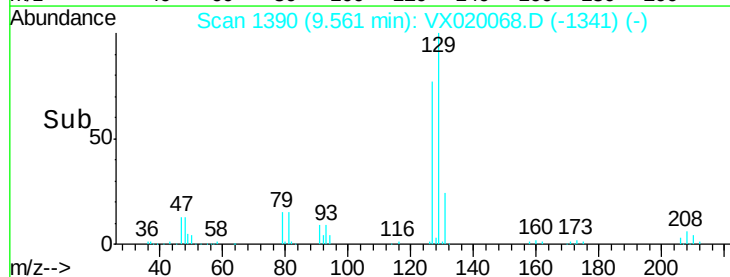
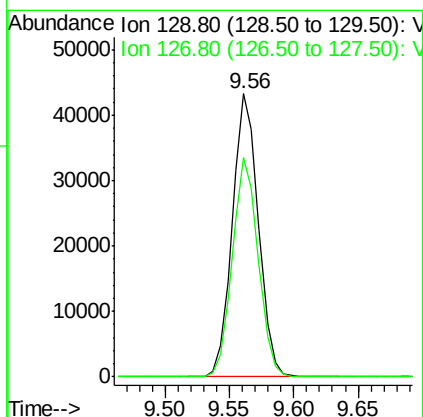
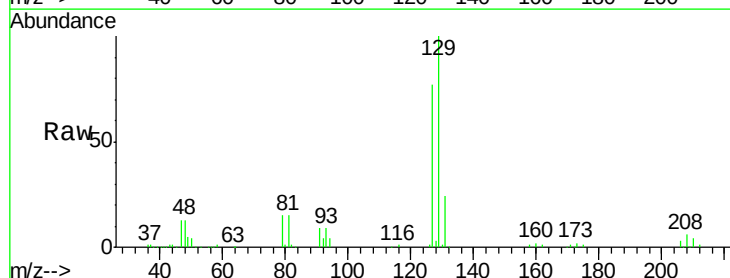
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD01

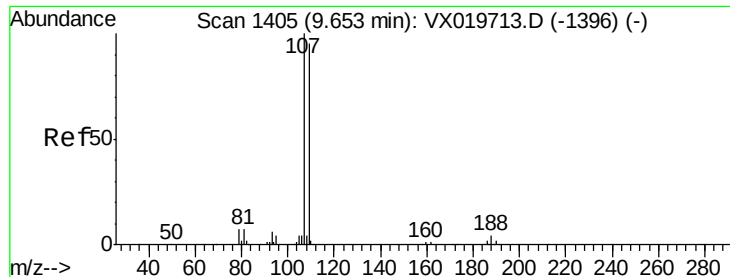
Tgt Ion: 43 Resp: 323990
Ion Ratio Lower Upper
43 100
58 60.6 30.9 92.8



#60
Dibromochloromethane
Concen: 20.048 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Tgt Ion: 129 Resp: 61178
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.081 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

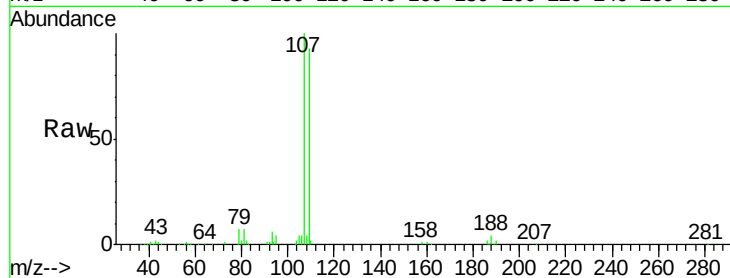
VX1217WBSD01

Tgt Ion: 107 Resp: 64046

Ion Ratio Lower Upper

107 100

109 92.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

50000

40000

30000

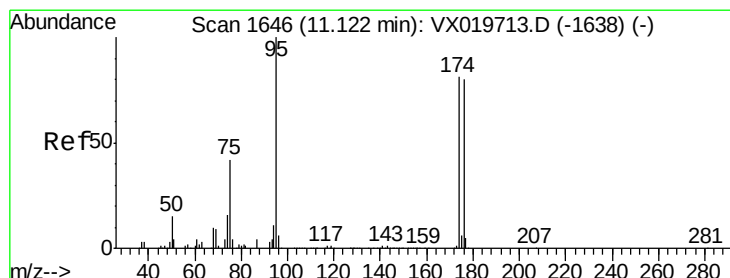
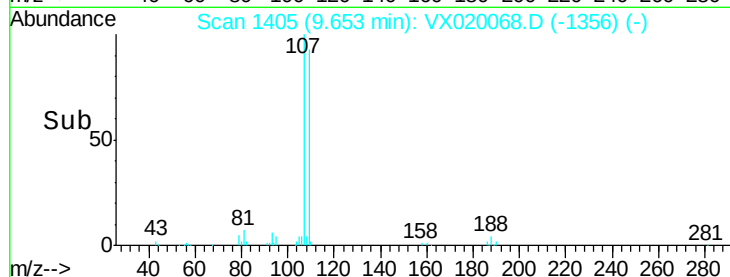
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 49.159 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

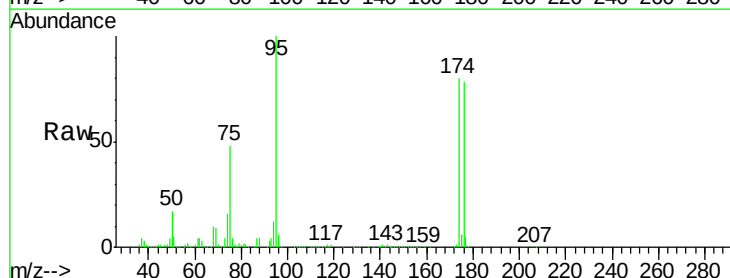
Tgt Ion: 95 Resp: 199300

Ion Ratio Lower Upper

95 100

174 76.1 0.0 154.6

176 74.2 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

150000

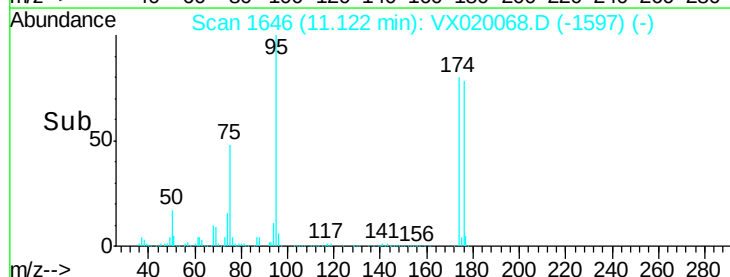
100000

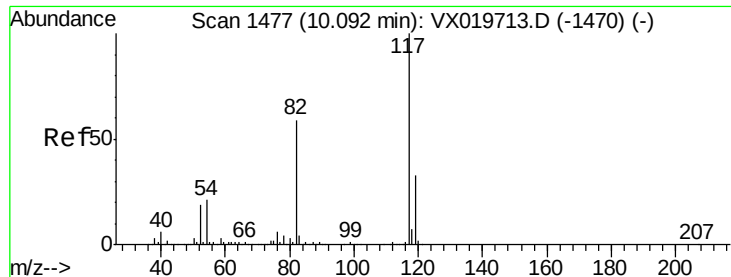
50000

0

Time-->

11.10 11.20

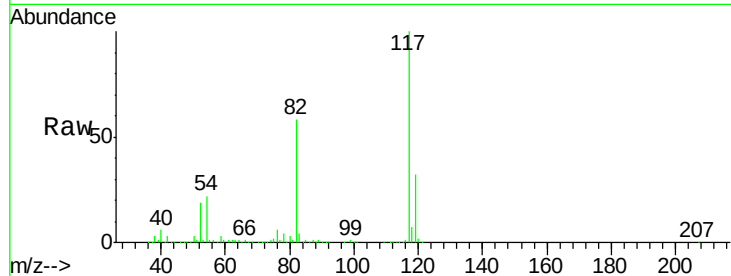




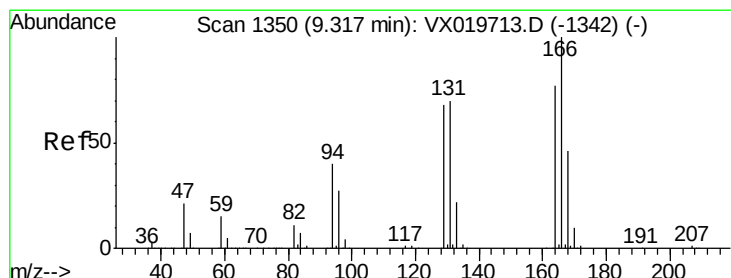
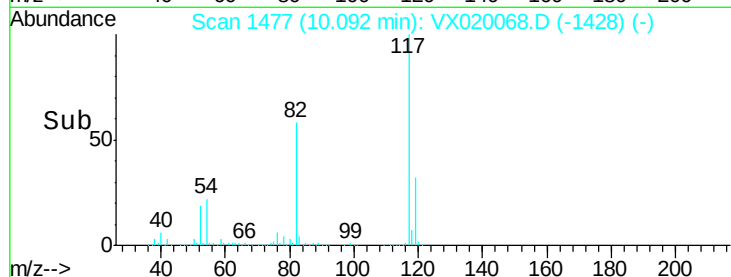
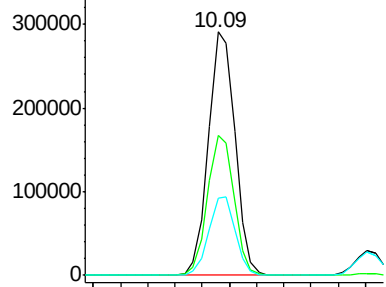
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD01

Tgt Ion:117 Resp: 396916
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 31.7 26.6 39.8

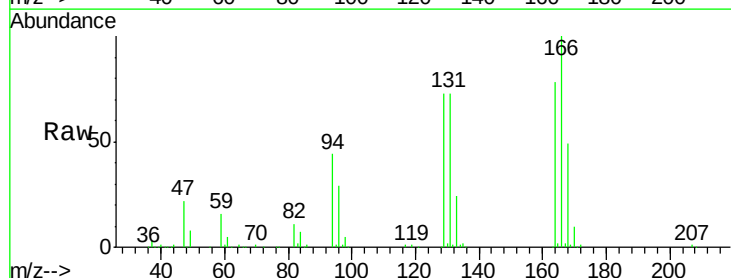


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

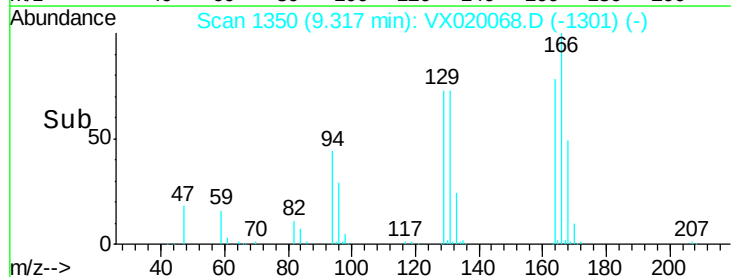
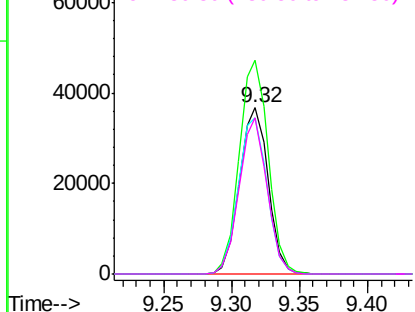


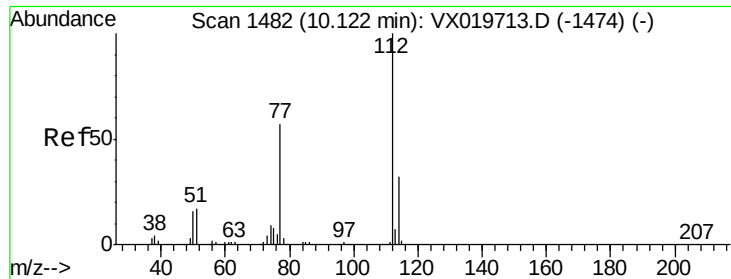
#64
Tetrachloroethene
Concen: 20.219 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Tgt Ion:164 Resp: 53819
Ion Ratio Lower Upper
164 100
166 128.5 103.4 155.2
129 94.1 70.8 106.2
131 93.7 72.5 108.7



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

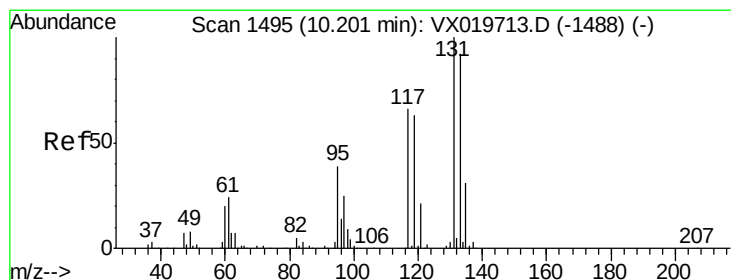
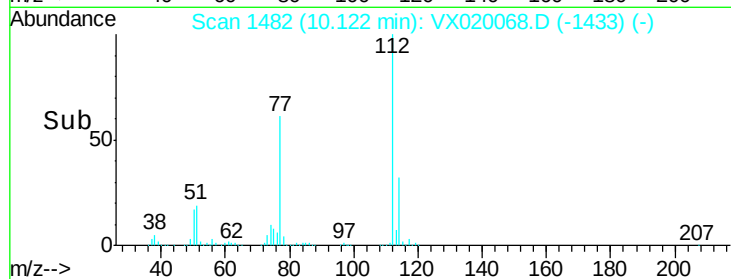
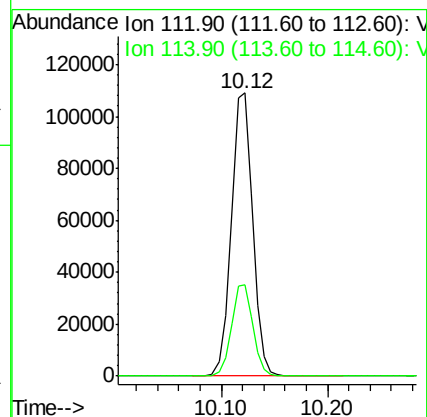
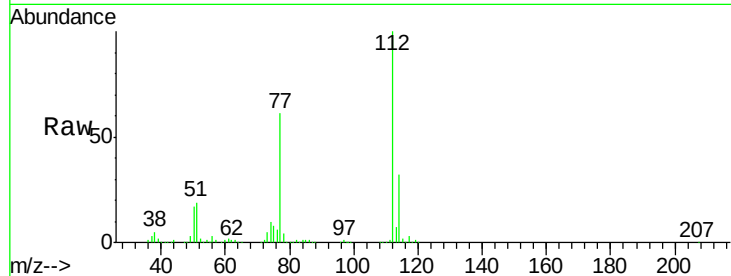




#65
Chlorobenzene
Concen: 19.401 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

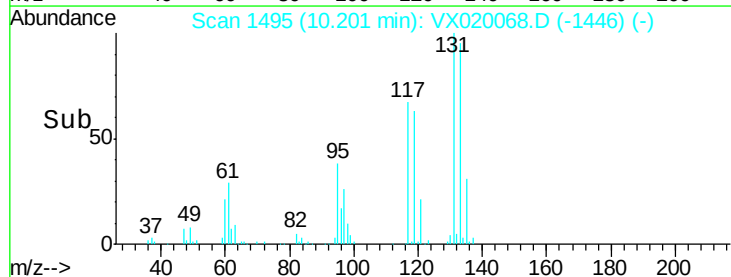
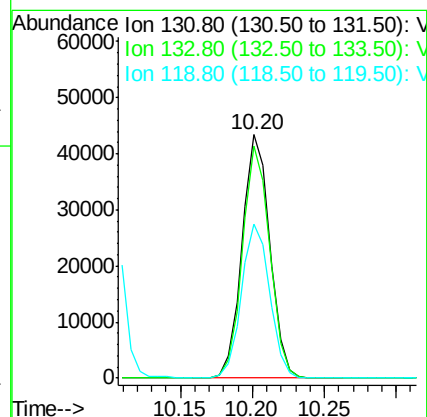
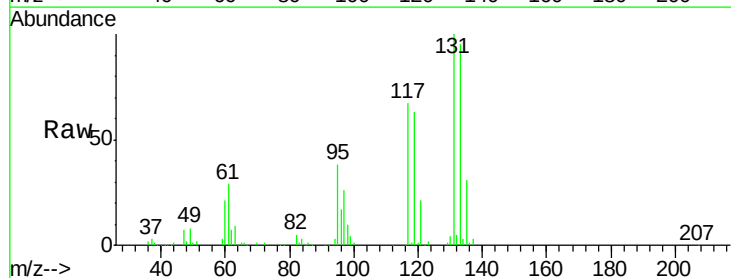
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD01

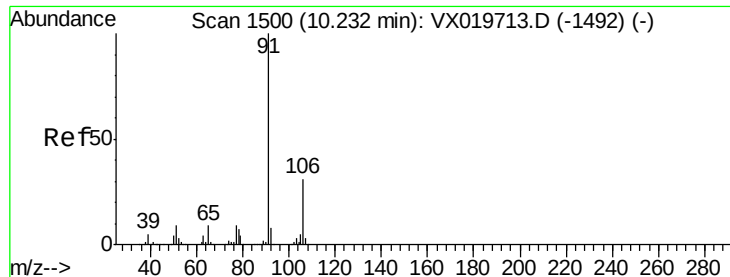
Tgt Ion:112 Resp: 153419
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.467 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Tgt Ion:131 Resp: 58252
Ion Ratio Lower Upper
131 100
133 93.8 47.7 143.1
119 64.1 32.1 96.5





#67

Ethyl Benzene

Concen: 19.494 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

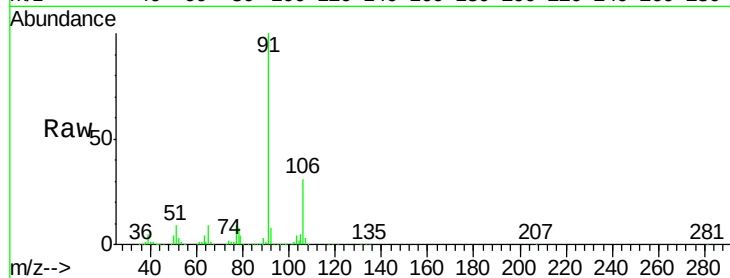
VX1217WBSD01

Tgt Ion: 91 Resp: 273627

Ion Ratio Lower Upper

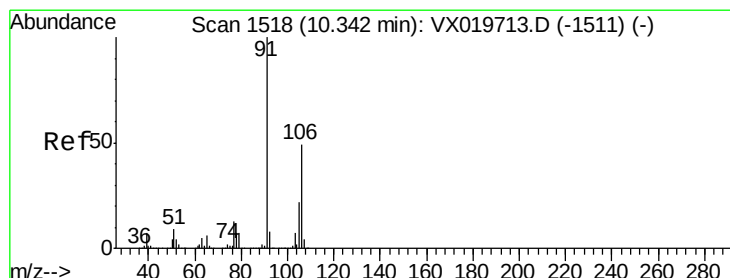
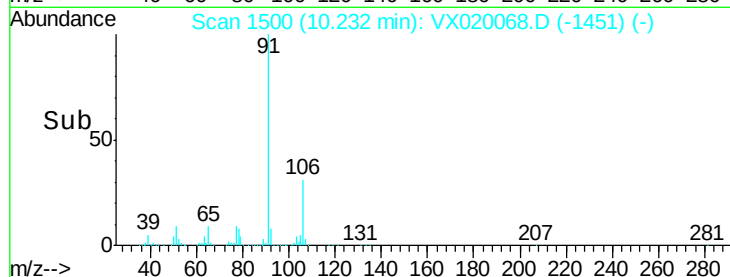
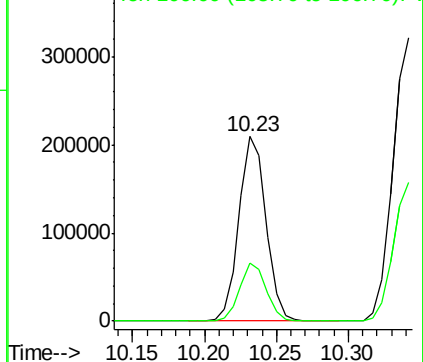
91 100

106 31.3 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.775 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX020068.D

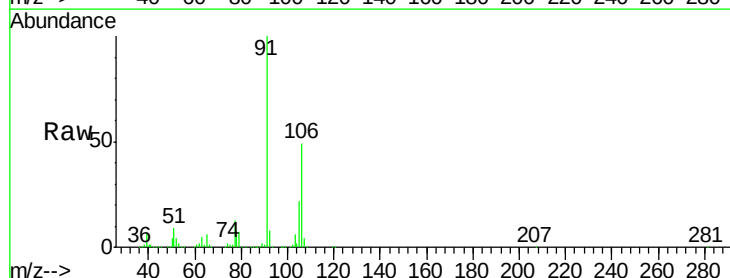
Acq: 16 Dec 2020 16:21

Tgt Ion: 106 Resp: 205088

Ion Ratio Lower Upper

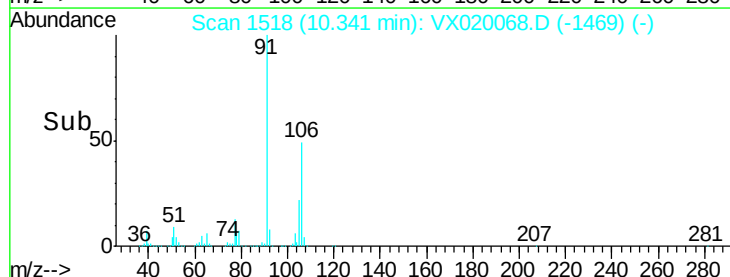
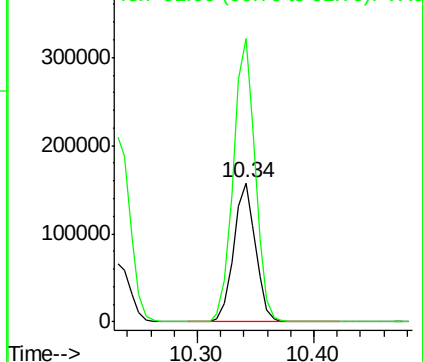
106 100

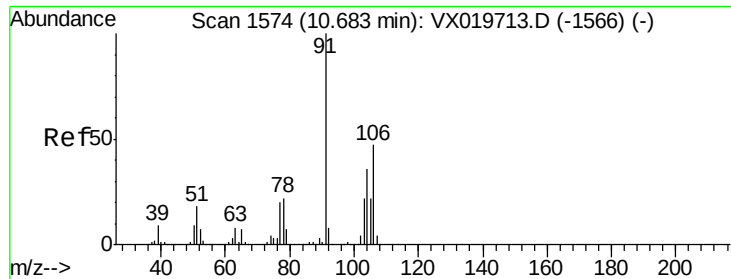
91 205.4 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

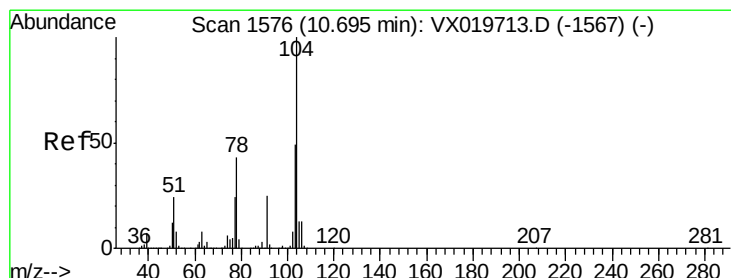
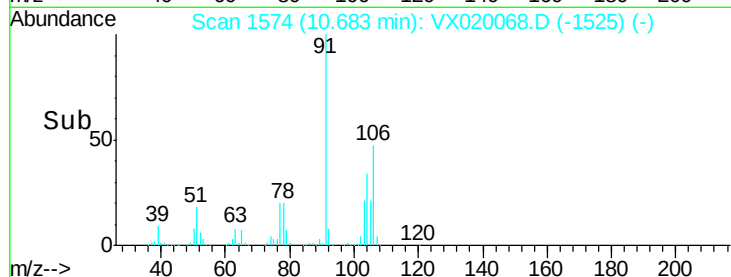
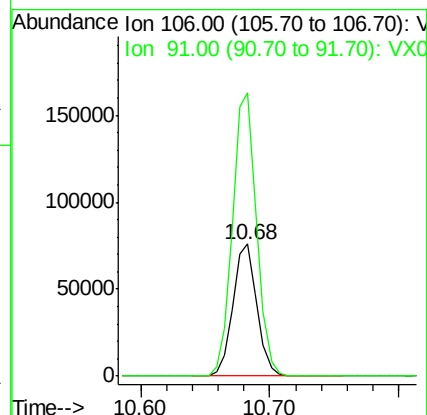
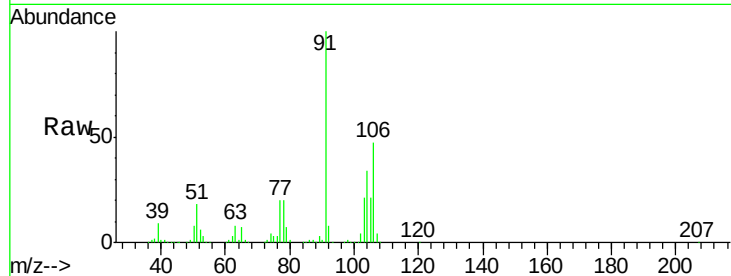




#69
o-Xylene
Concen: 19.502 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

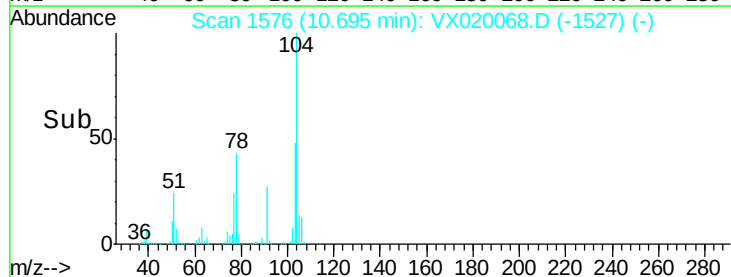
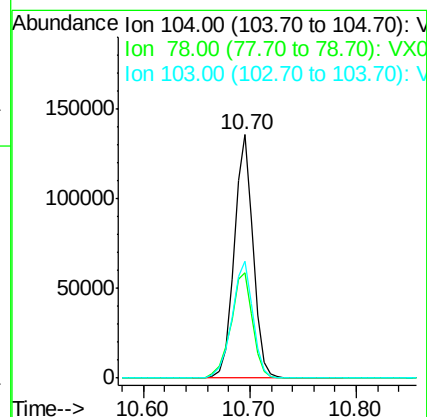
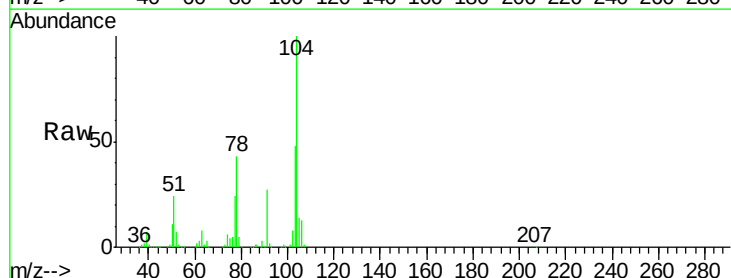
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD01

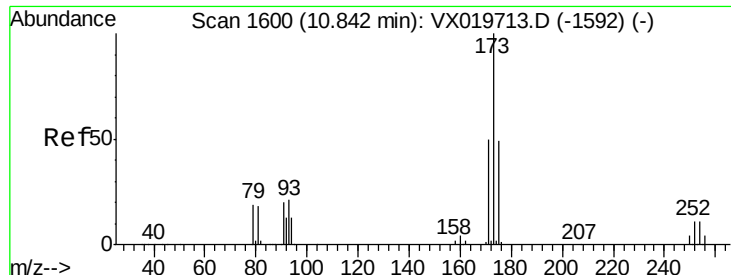
Tgt Ion:106 Resp: 99222
Ion Ratio Lower Upper
106 100
91 215.5 108.1 324.2



#70
Styrene
Concen: 19.606 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Tgt Ion:104 Resp: 168371
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 53.3 43.4 65.0





#71

Bromoform

Concen: 18.890 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD01

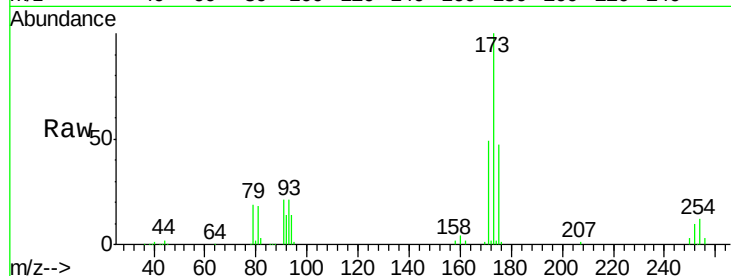
Tgt Ion:173 Resp: 42296

Ion Ratio Lower Upper

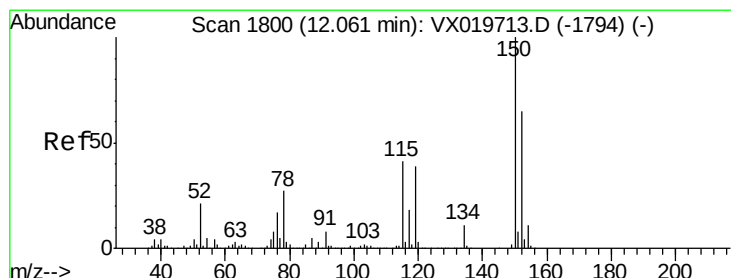
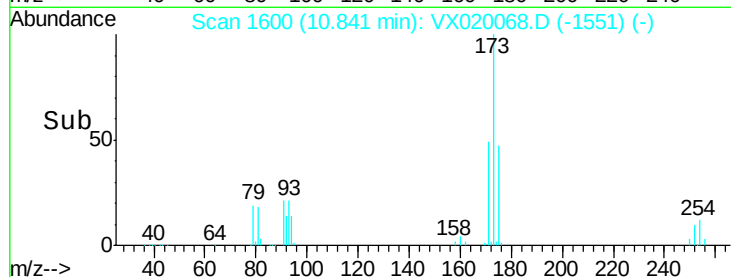
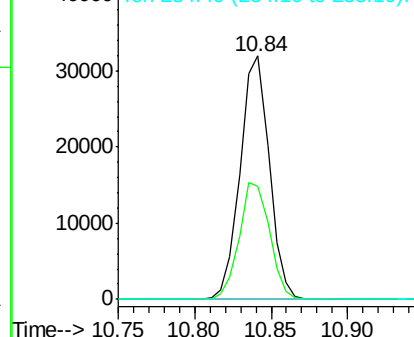
173 100

175 49.9 23.9 71.8

254 0.0 0.1 0.1#



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

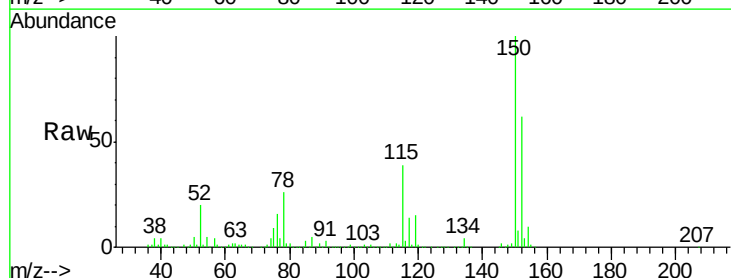
Tgt Ion:152 Resp: 194737

Ion Ratio Lower Upper

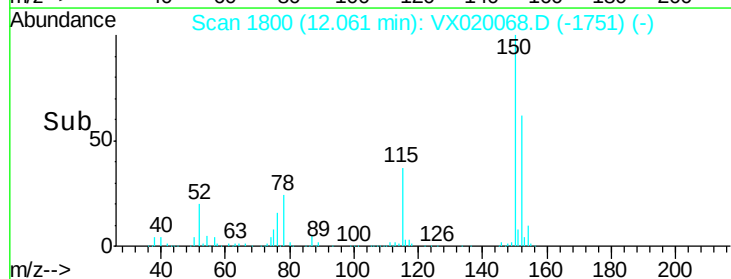
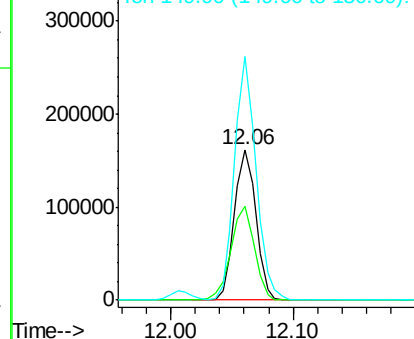
152 100

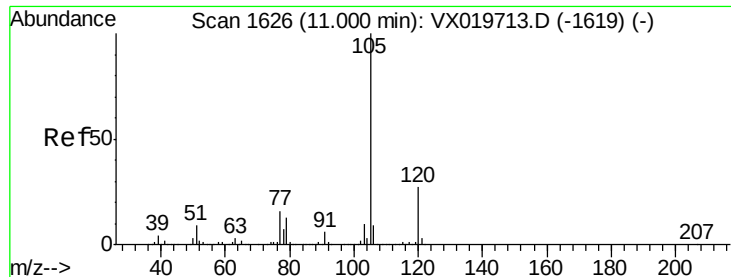
115 68.6 41.1 123.3

150 163.0 0.0 349.0



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: 20.217 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

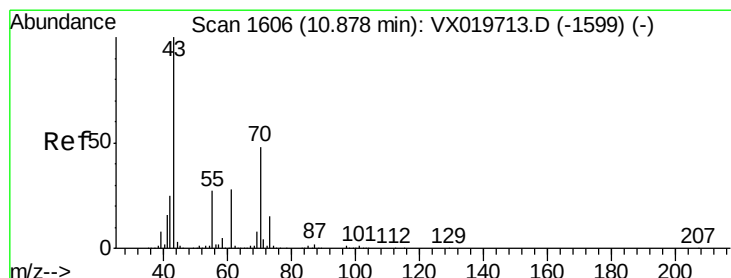
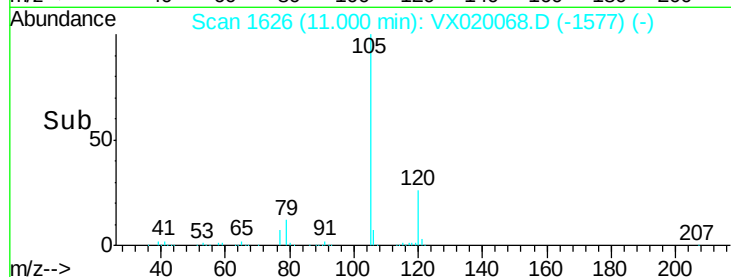
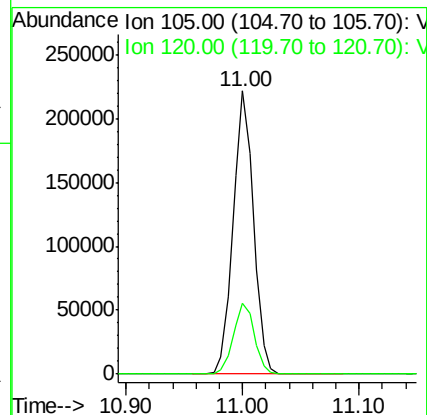
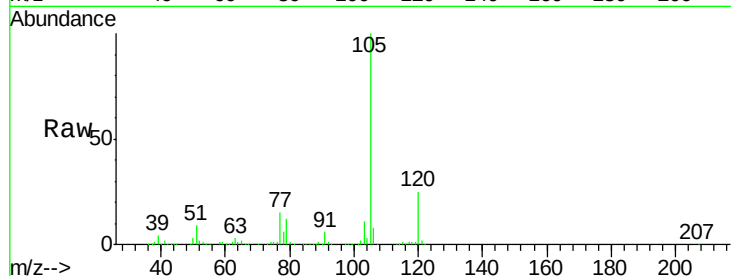
VX1217WBSD01

Tgt Ion: 105 Resp: 268968

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.6



#74

N-ethyl acetate

Concen: 19.536 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Tgt Ion: 43 Resp: 104160

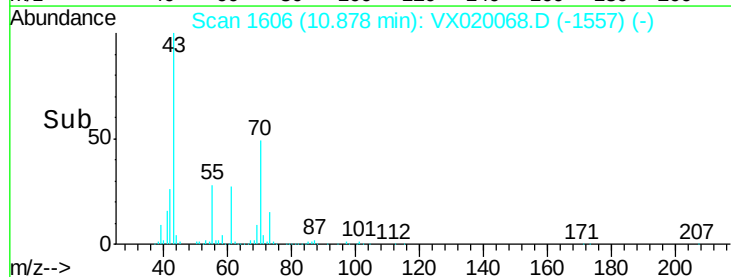
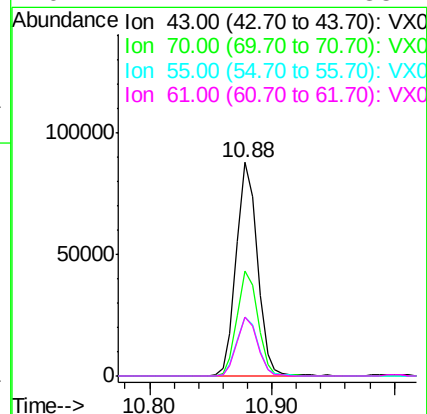
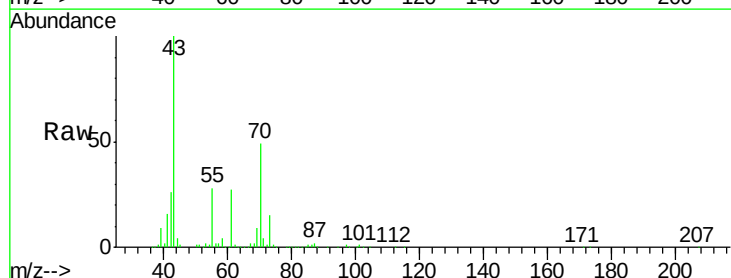
Ion Ratio Lower Upper

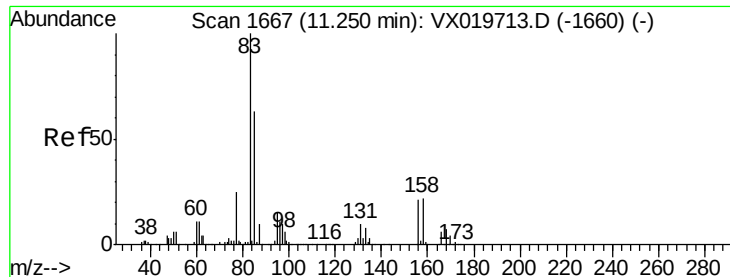
43 100

70 49.5 39.0 58.6

55 28.5 21.5 32.3

61 27.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.944 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD01

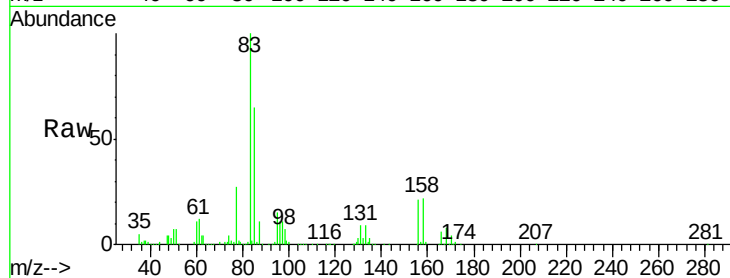
Tgt Ion: 83 Resp: 98241

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

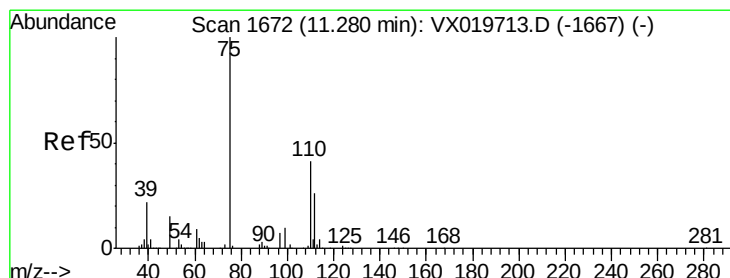
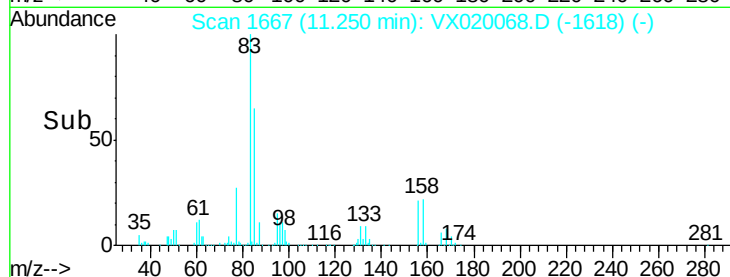
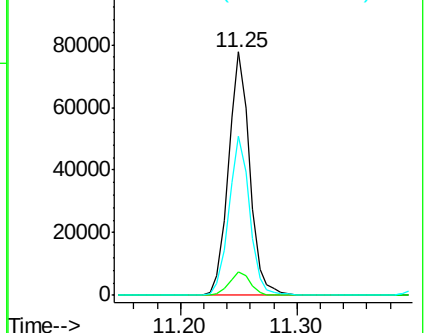
85 64.5 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.144 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX020068.D

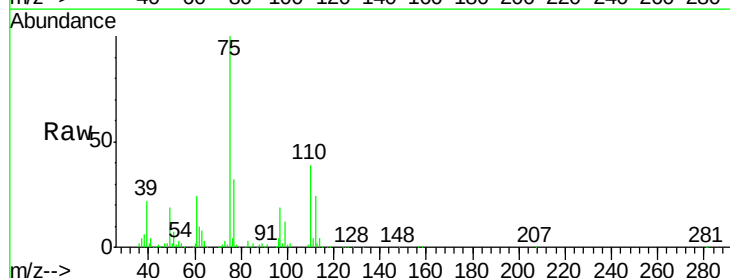
Acq: 16 Dec 2020 16:21

Tgt Ion: 75 Resp: 109820

Ion Ratio Lower Upper

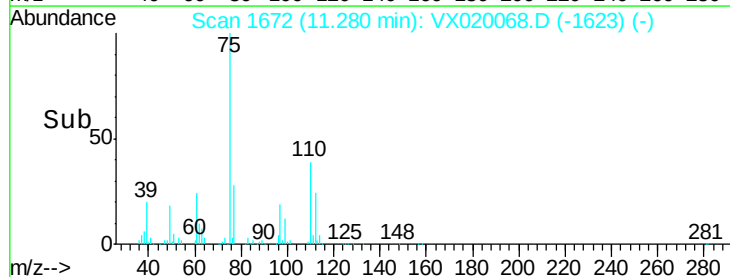
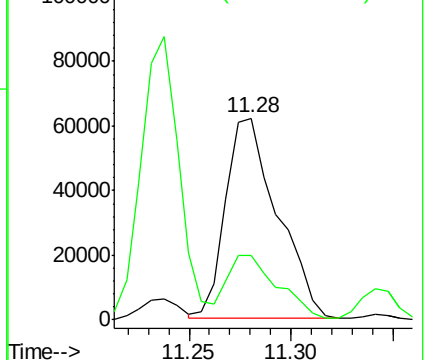
75 100

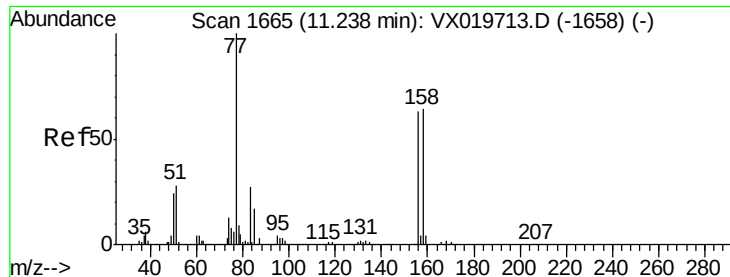
77 31.2 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.622 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD01

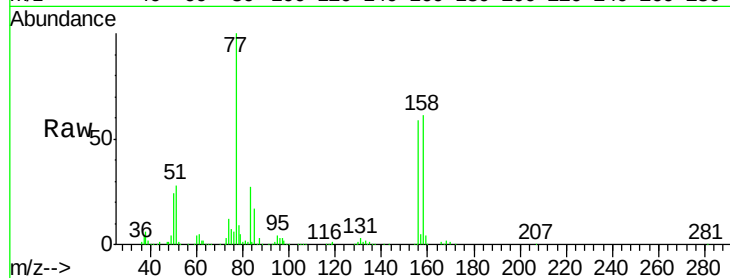
Tgt Ion:156 Resp: 66809

Ion Ratio Lower Upper

156 100

77 170.3 82.8 248.6

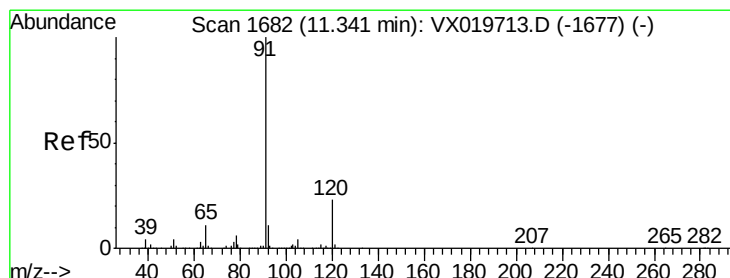
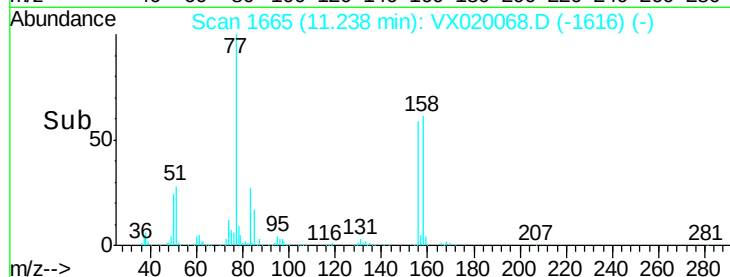
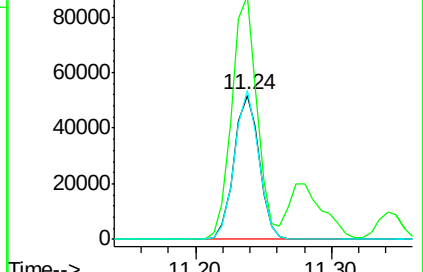
158 99.4 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.243 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX020068.D

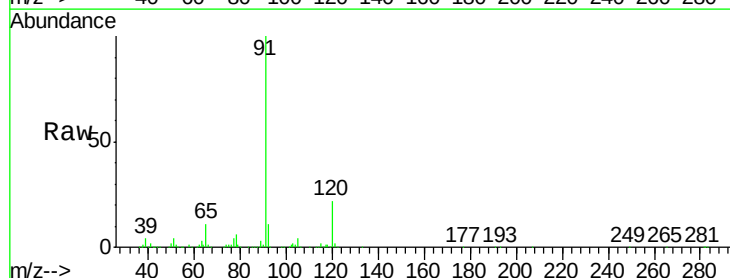
Acq: 16 Dec 2020 16:21

Tgt Ion: 91 Resp: 307601

Ion Ratio Lower Upper

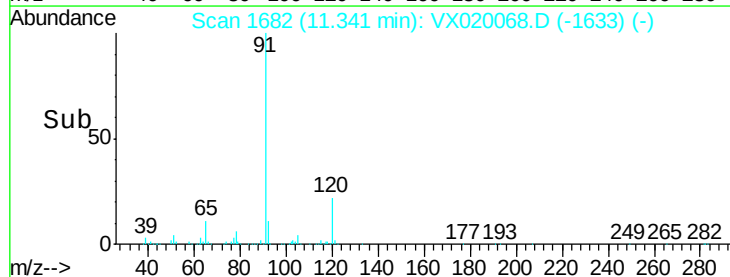
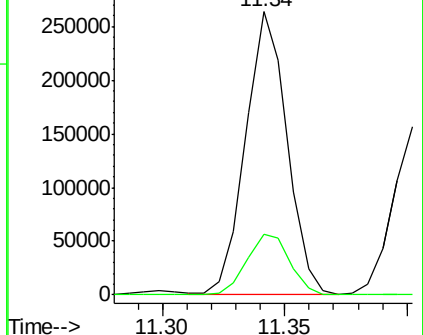
91 100

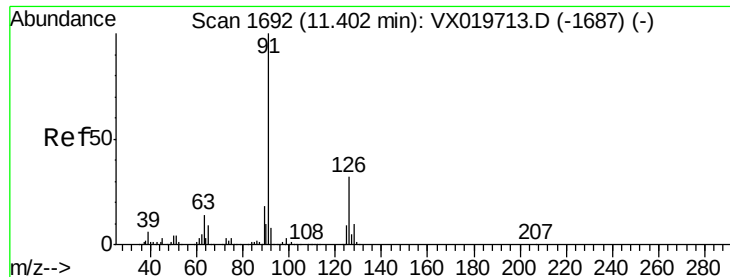
120 22.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.200 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

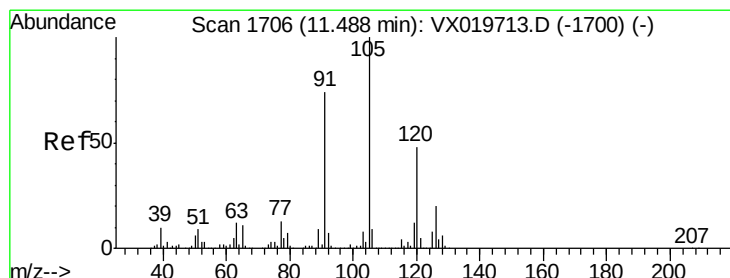
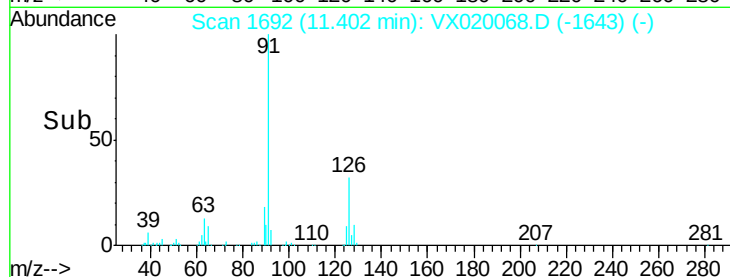
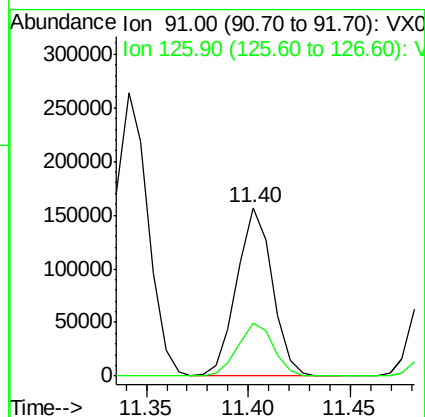
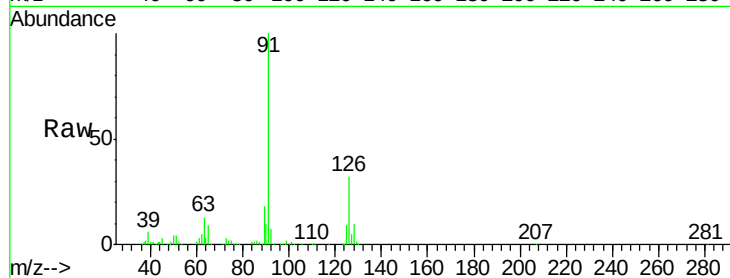
VX1217WBSD01

Tgt Ion: 91 Resp: 189026

Ion Ratio Lower Upper

91 100

126 32.1 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 20.008 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX020068.D

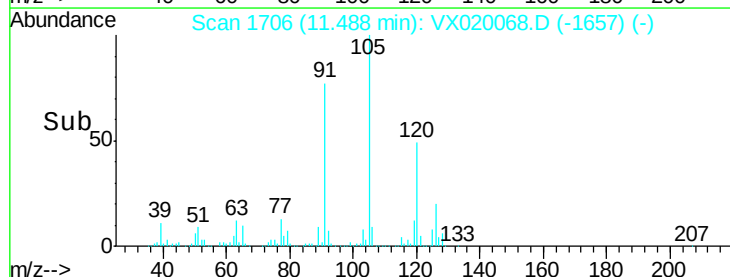
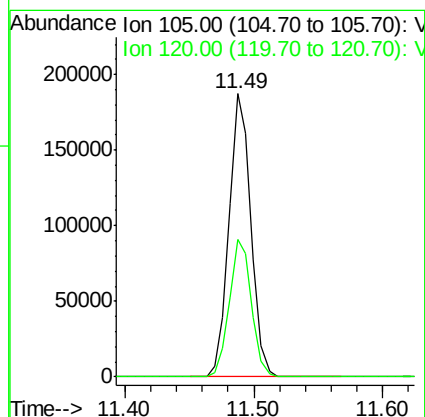
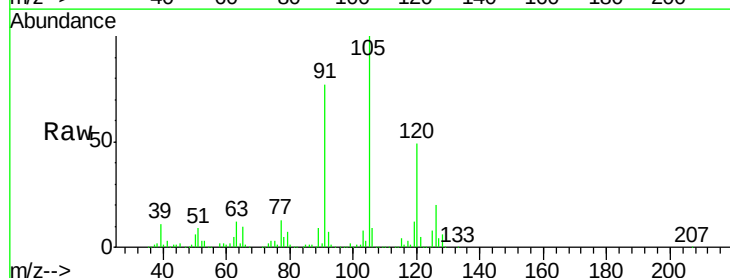
Acq: 16 Dec 2020 16:21

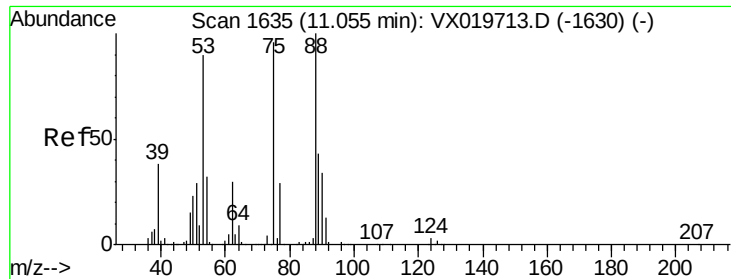
Tgt Ion: 105 Resp: 224659

Ion Ratio Lower Upper

105 100

120 48.8 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 18.551 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD01

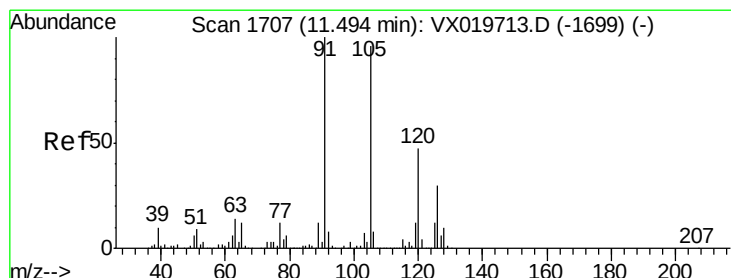
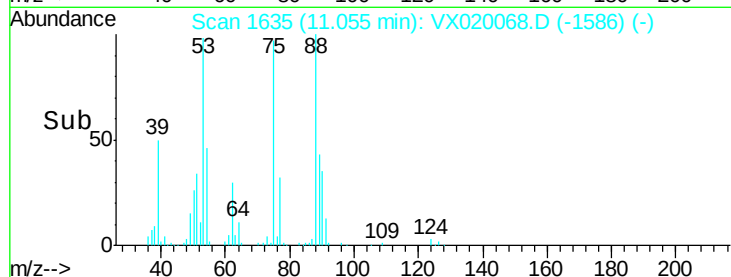
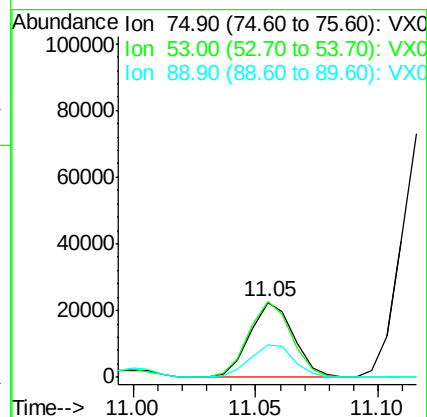
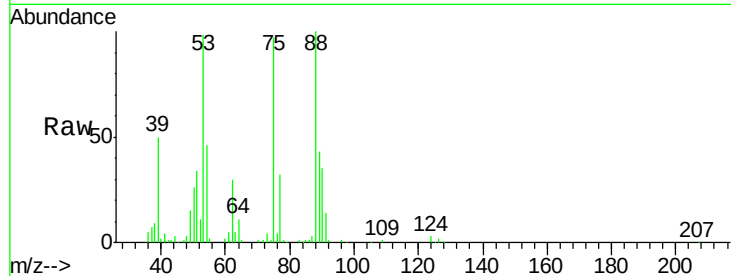
Tgt Ion: 75 Resp: 28028

Ion Ratio Lower Upper

75 100

53 99.3 74.5 111.7

89 44.4 37.9 56.9



#82

4-Chlorotoluene

Concen: 20.017 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX020068.D

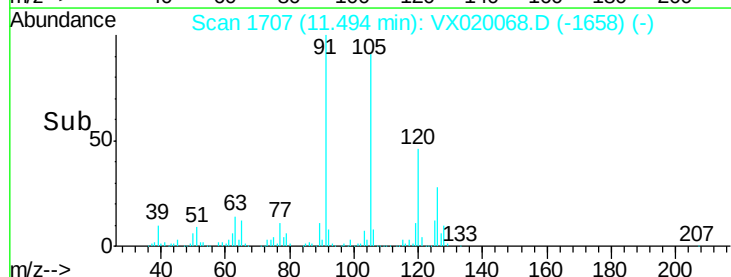
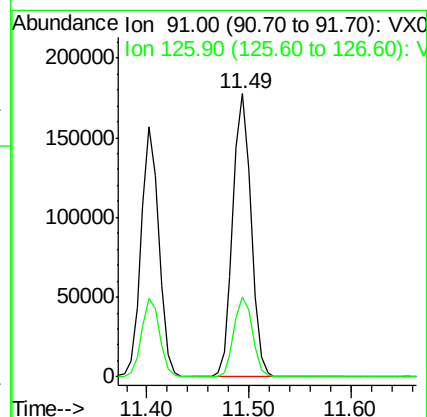
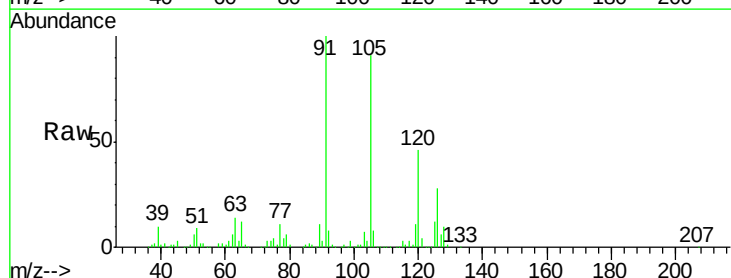
Acq: 16 Dec 2020 16:21

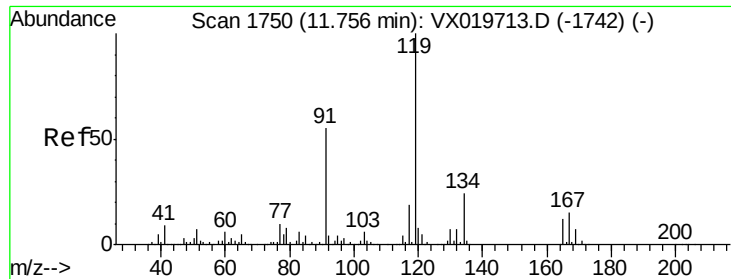
Tgt Ion: 91 Resp: 219373

Ion Ratio Lower Upper

91 100

126 28.6 14.9 44.5

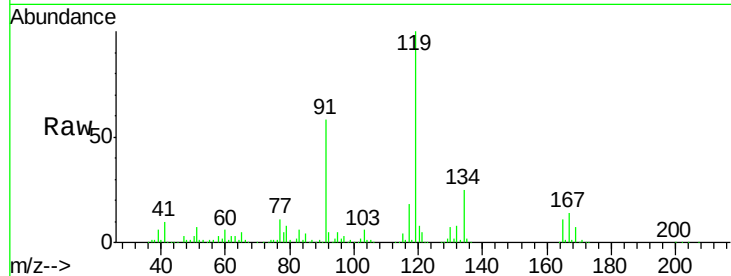




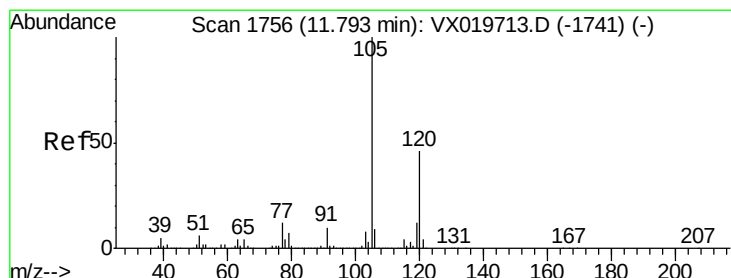
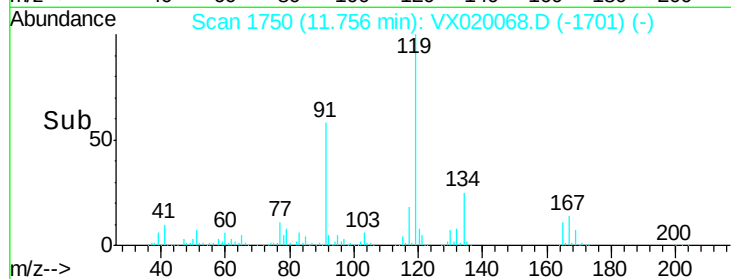
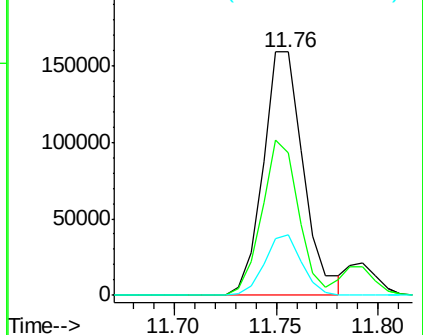
#83
 tert-Butylbenzene
 Concen: 19.861 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD01

Tgt Ion:119 Resp: 218712
 Ion Ratio Lower Upper
 119 100
 91 58.1 27.9 83.7
 134 23.1 11.3 33.9

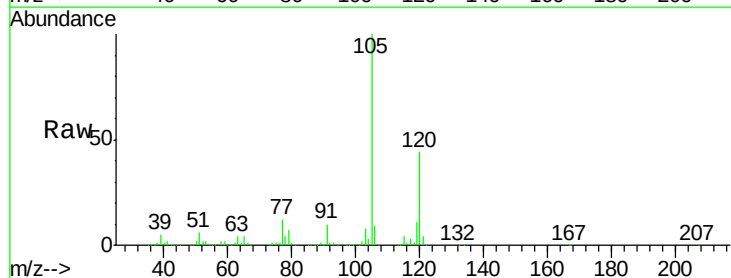


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

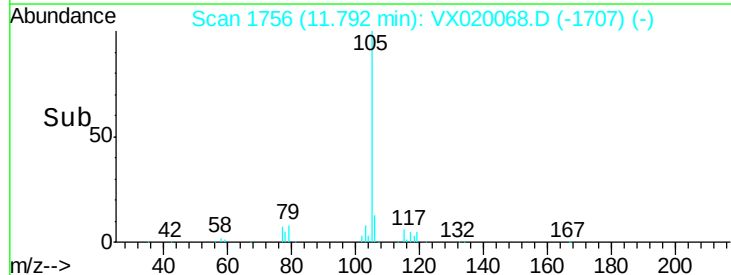
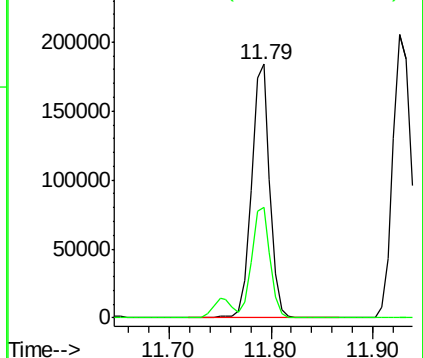


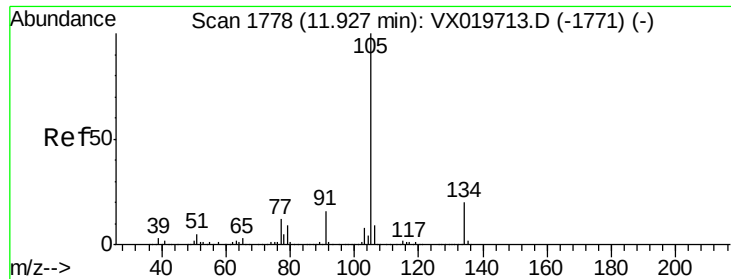
#84
 1,2,4-Trimethylbenzene
 Concen: 20.306 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Tgt Ion:105 Resp: 229675
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.492 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

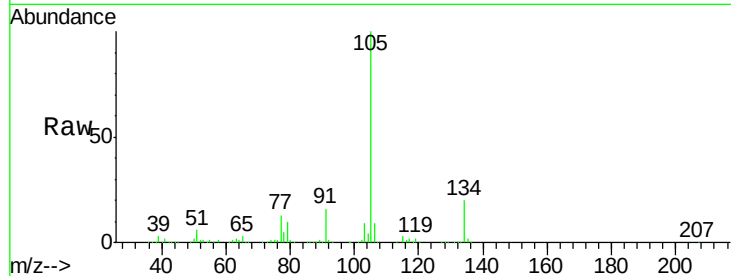
VX1217WBSD01

Tgt Ion:105 Resp: 257642

Ion Ratio Lower Upper

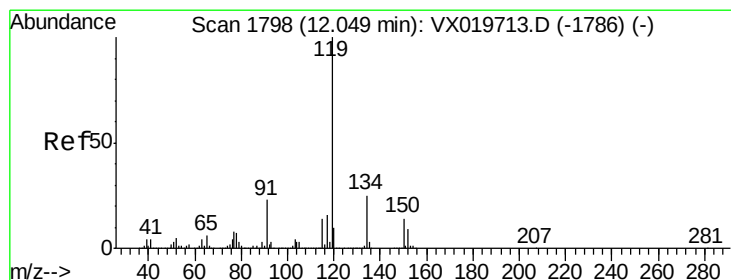
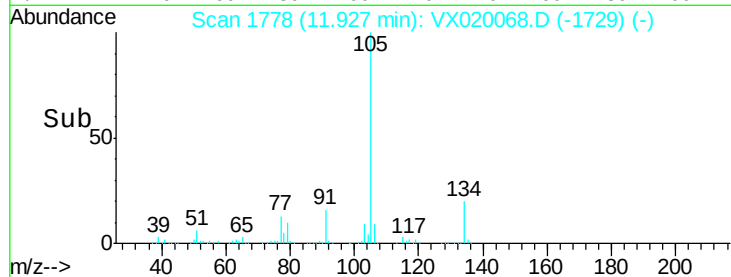
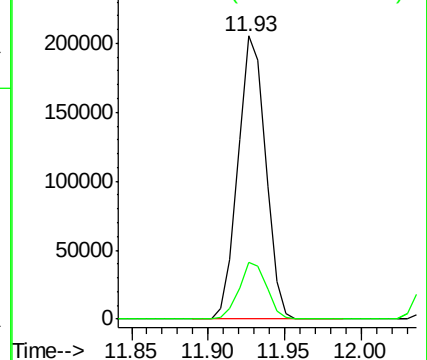
105 100

134 19.9 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.970 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

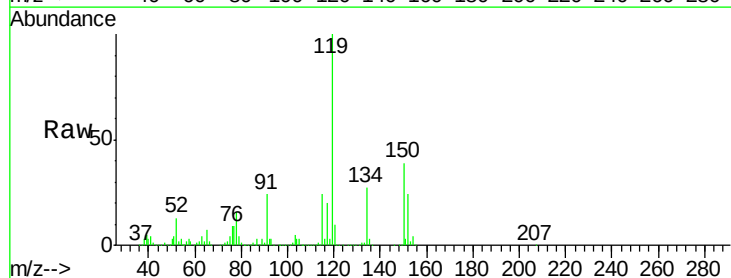
Tgt Ion:119 Resp: 230117

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

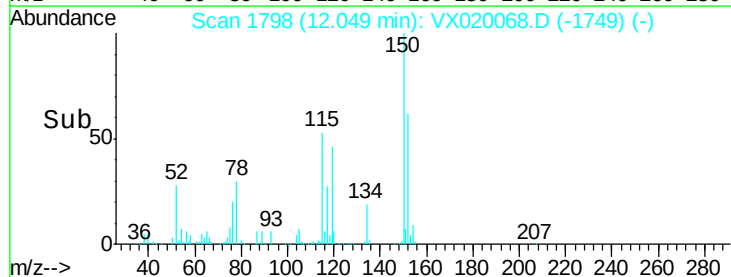
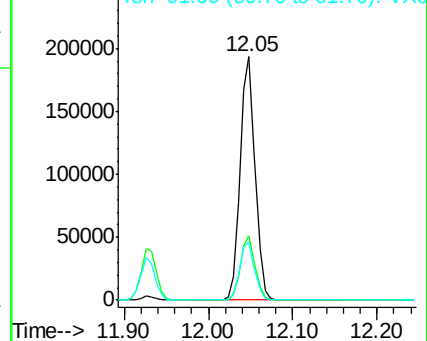
91 24.2 11.7 35.0

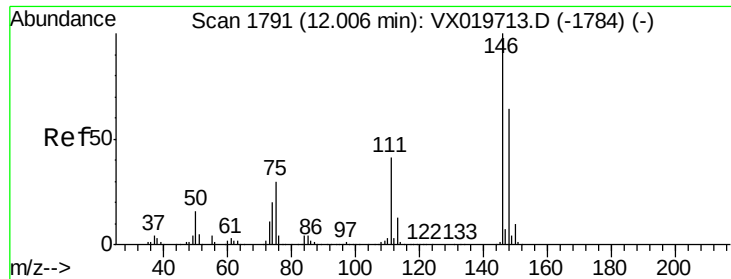


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

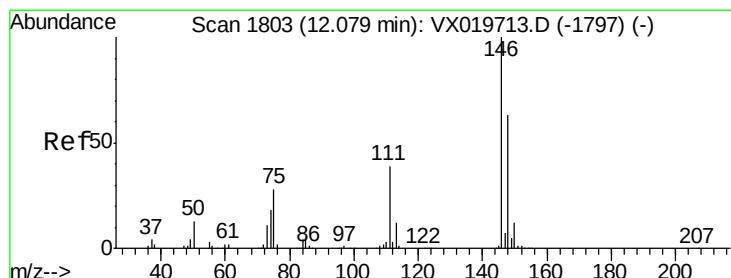
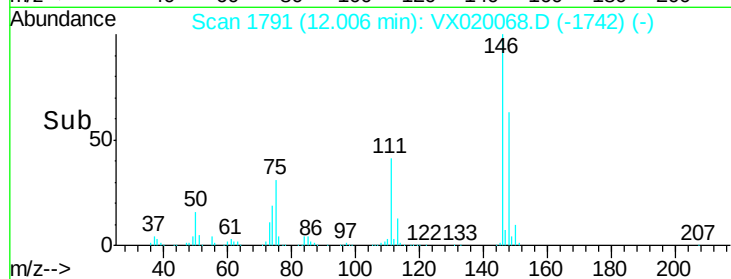
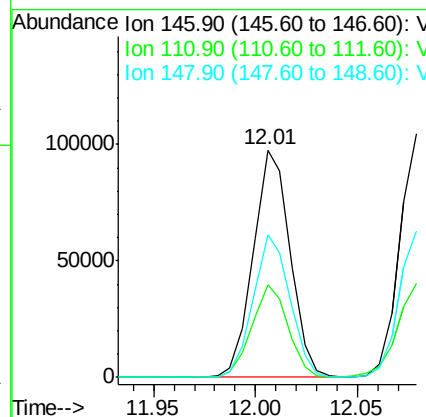
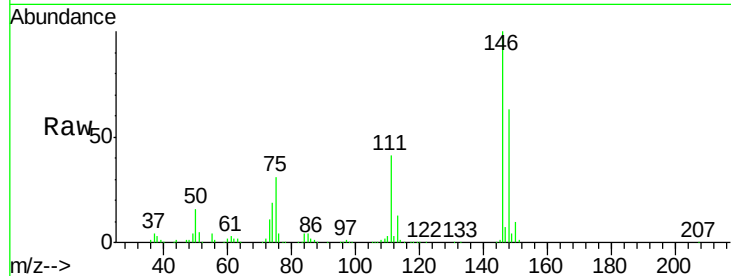




#87
 1,3-Dichlorobenzene
 Concen: 19.641 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

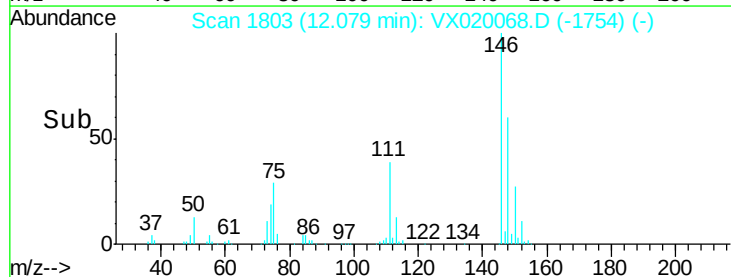
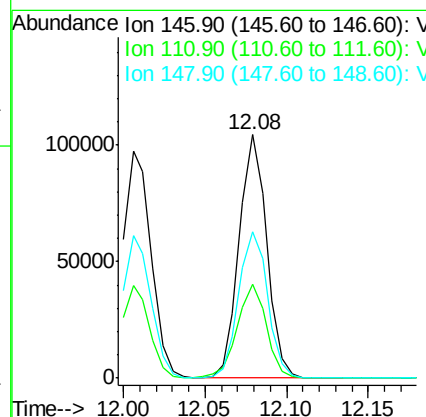
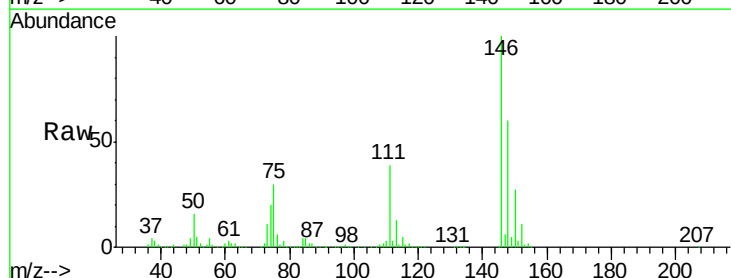
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD01

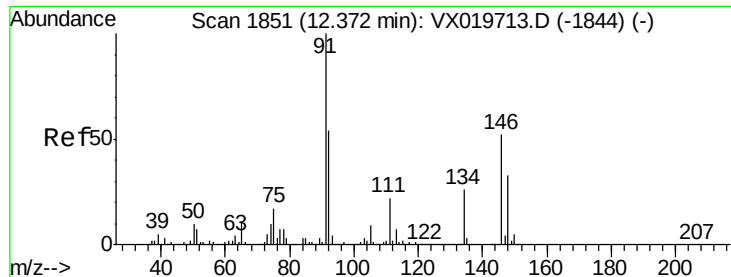
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.2	60.5
148	62.6	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.346 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.6	58.8
148	63.3	31.6	95.0





#89

n-Butylbenzene

Concen: 19.786 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX020068.D

Acq: 16 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD01

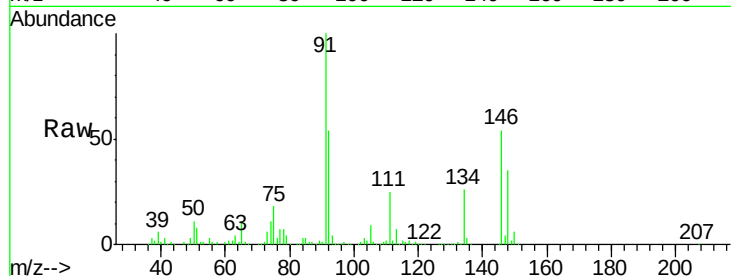
Tgt Ion: 91 Resp: 201989

Ion Ratio Lower Upper

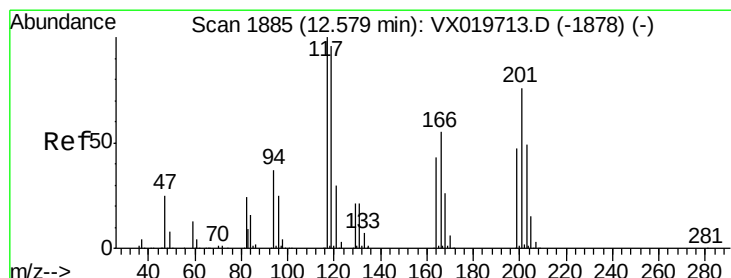
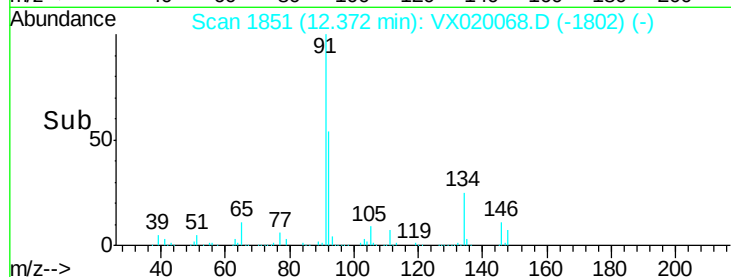
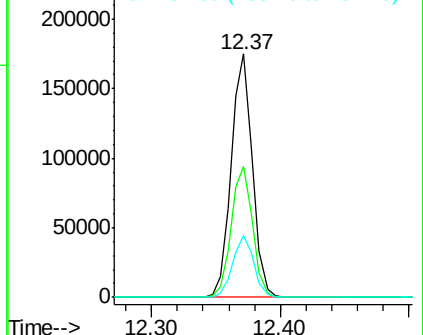
91 100

92 54.0 27.4 82.0

134 25.2 13.2 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.031 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX020068.D

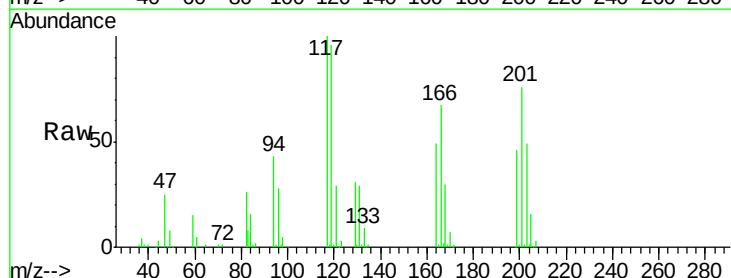
Acq: 16 Dec 2020 16:21

Tgt Ion: 117 Resp: 37860

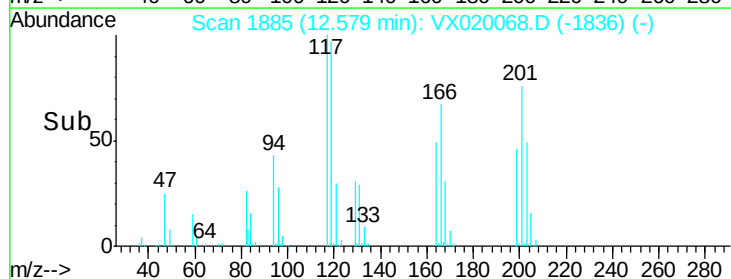
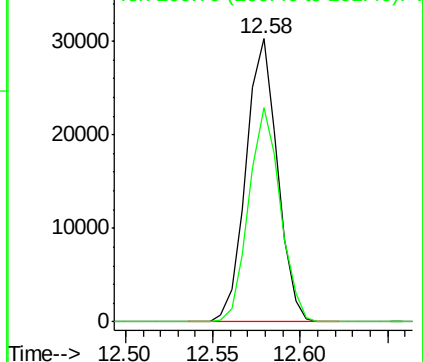
Ion Ratio Lower Upper

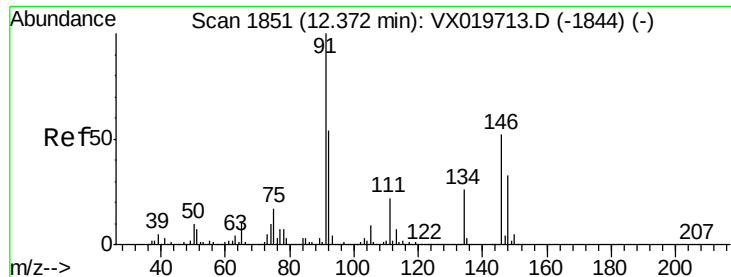
117 100

201 76.0 40.4 121.2



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

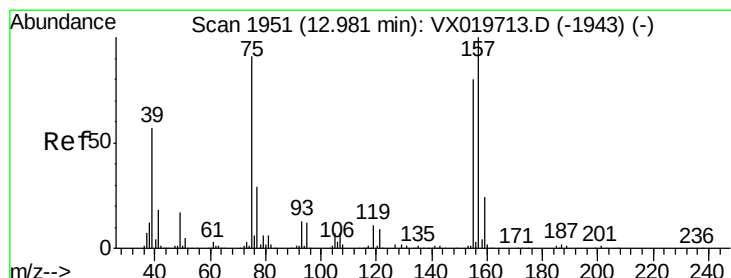
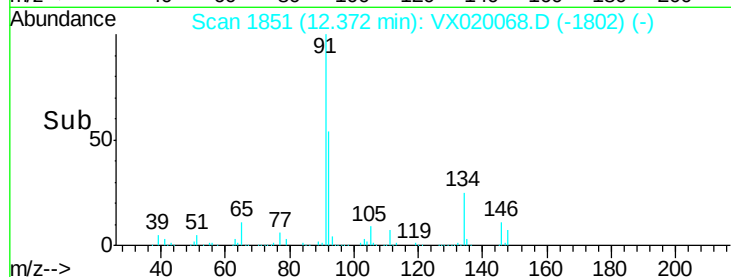
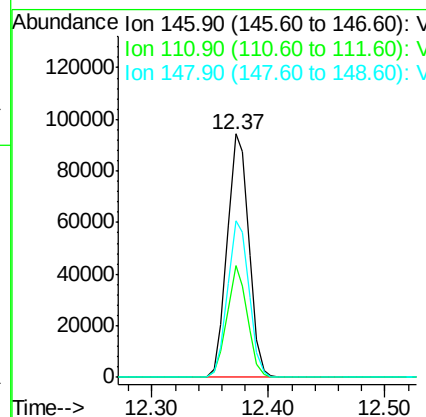
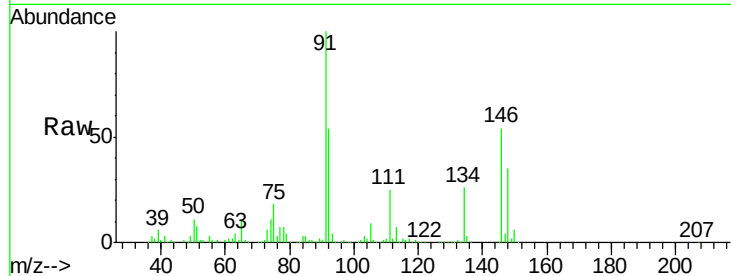




#91
 1,2-Dichlorobenzene
 Concen: 19.880 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

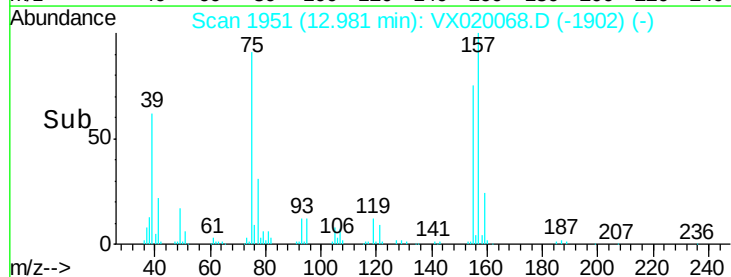
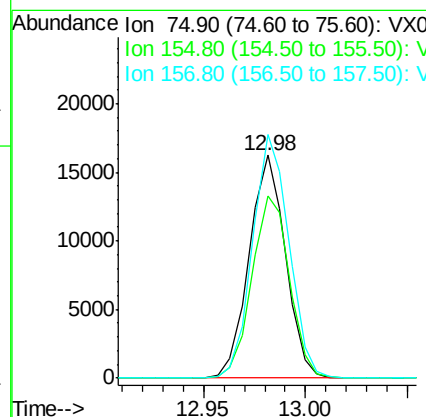
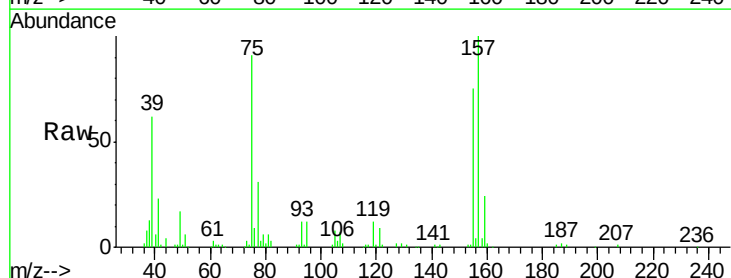
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD01

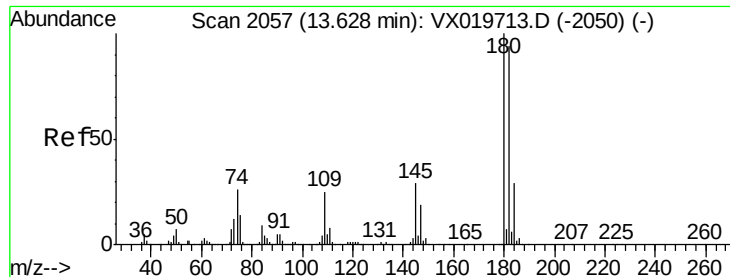
Tgt Ion: 146 Resp: 121102
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.8 62.2
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.926 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Tgt Ion: 75 Resp: 20093
 Ion Ratio Lower Upper
 75 100
 155 84.8 45.3 135.9
 157 109.3 57.7 173.1

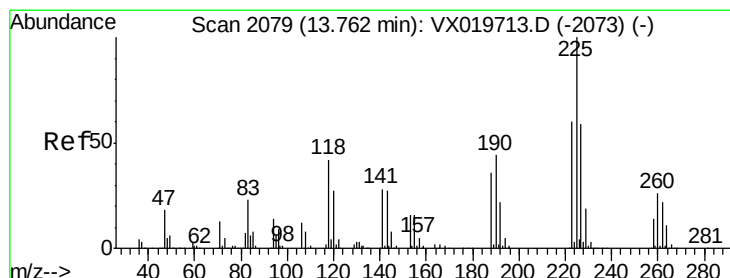
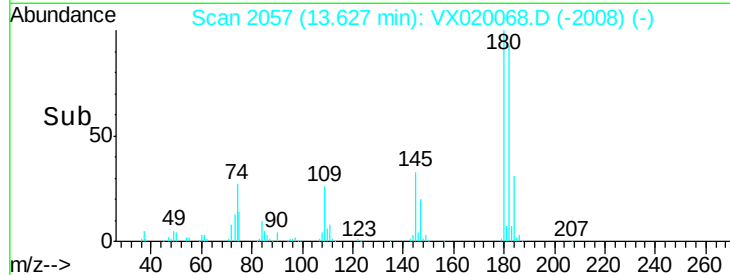
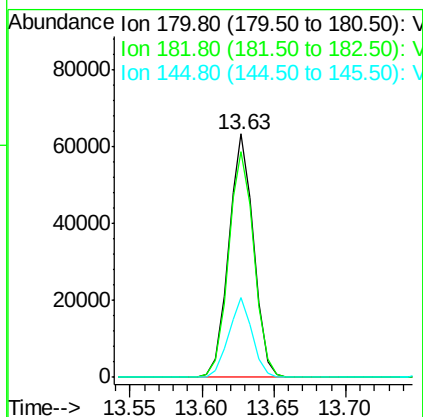
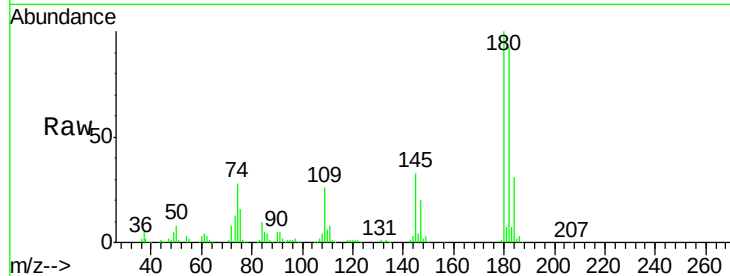




#93
 1,2,4-Trichlorobenzene
 Concen: 19.338 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

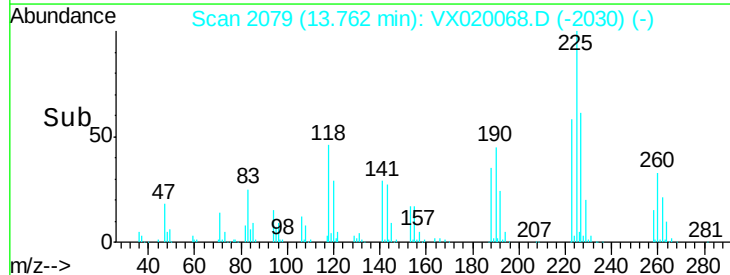
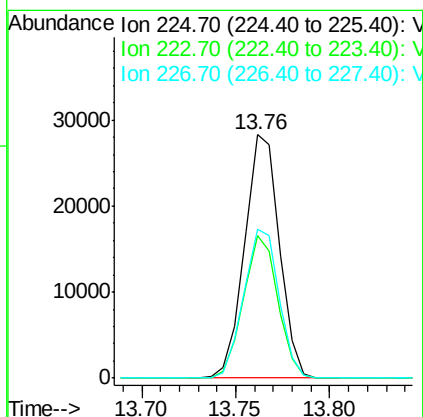
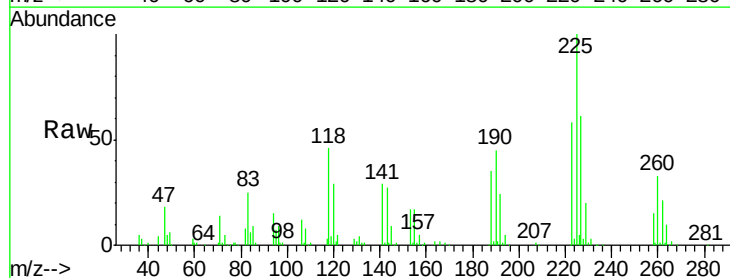
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD01

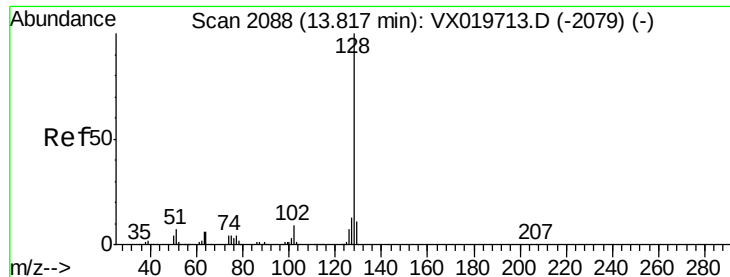
Tgt Ion:180 Resp: 76682
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.7 143.1
 145 31.3 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 20.434 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX020068.D
 Acq: 16 Dec 2020 16:21

Tgt Ion:225 Resp: 36216
 Ion Ratio Lower Upper
 225 100
 223 57.9 31.1 93.2
 227 62.2 31.6 95.0

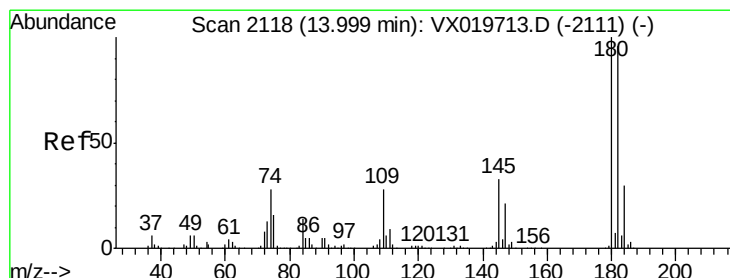
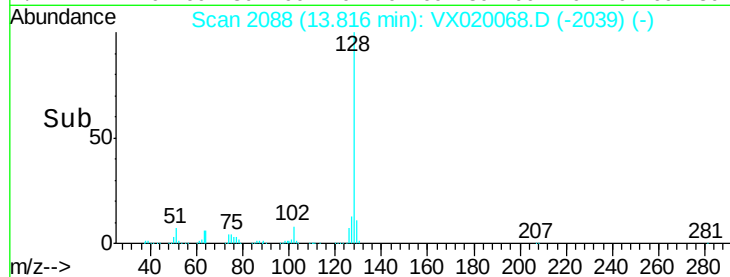
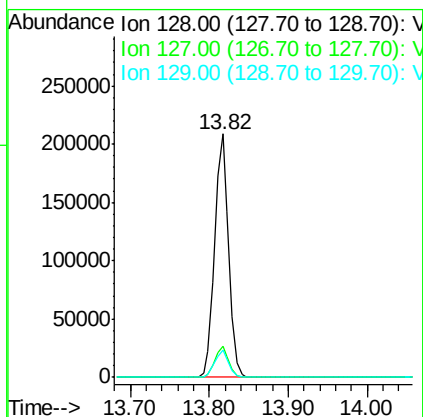
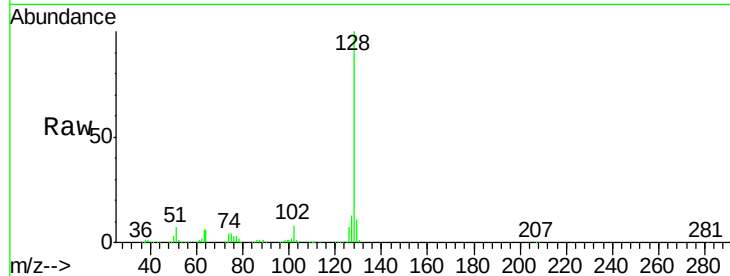




#95
Naphthalene
Concen: 19.968 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Instrument :
MSVOA_X
ClientSampled :
VX1217WBSD01

Tgt Ion:128 Resp: 256698
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.344 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX020068.D
Acq: 16 Dec 2020 16:21

Tgt Ion:180 Resp: 78841
Ion Ratio Lower Upper
180 100
182 93.2 47.6 142.9
145 33.0 16.1 48.3

