

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102320\NOT REVIEWED DATA\
 Data File : VX019070.D
 Acq On : 23 Oct 2020 10:38
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 03 12:53:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	50564	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	279324	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	253397	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	100071	29.71	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.03%
60) 4-Bromofluorobenzene	11.12	95	111786	29.39	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.97%
63) Toluene-d8	8.70	98	335555	29.99	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.97%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	132234	52.039	ug/l 99
3) Chloromethane	1.31	50	122064	53.163	ug/l 99
4) Vinyl Chloride	1.39	62	156951	52.157	ug/l 98
5) Bromomethane	1.64	94	121183	52.379	ug/l 100
6) Chloroethane	1.72	64	105060	51.520	ug/l 98
7) Trichlorofluoromethane	1.92	101	270558	51.634	ug/l 96
8) Diethyl Ether	2.17	74	102623	52.248	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	129709	51.806	ug/l 99
10) 1,1-Dichloroethene	2.36	96	131940	51.836	ug/l 96
11) Methyl Iodide	2.50	142	129148	45.948	ug/l 97
12) Methyl Acetate	2.75	43	131667	52.253	ug/l 97
13) Acrolein	2.28	56	50715	218.587	ug/l 99
14) Acrylonitrile	3.12	53	308315	260.447	ug/l 100
15) Acetone	2.42	58	85145	251.081	ug/l 93
16) Carbon Disulfide	2.55	76	364434	51.511	ug/l 99
17) Allyl chloride	2.71	41	166755	52.447	ug/l 99
18) Methylene Chloride	2.84	84	151086	52.048	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	153566	51.657	ug/l 98
20) Diisopropyl ether	3.82	45	337824	52.449	ug/l 97
21) 1,1-Dichloroethane	3.67	63	248183	52.482	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	179569	52.145	ug/l 100
23) tert-Butyl Alcohol	3.03	59	143977	250.870	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	420557	52.252	ug/l 99
25) Chloroform	5.18	83	275331	52.547	ug/l 98
26) Cyclohexane	5.55	56	190801	51.921	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	208771	52.981	ug/l 99
30) 2-Butanone	4.64	43	413605	263.471	ug/l 100
31) 2,2-Dichloropropane	4.55	77	238432	52.884	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	248895	52.552	ug/l 99
33) Carbon Tetrachloride	5.76	117	218107	53.065	ug/l 97
34) Benzene	6.11	78	614853	53.030	ug/l 98
35) Methacrylonitrile	5.00	41	90144	53.044	ug/l 95
36) 1,2-Dichloroethane	6.16	62	210705	52.977	ug/l 100
37) Trichloroethene	7.19	130	177113	53.145	ug/l 100
38) Methylcyclohexane	7.44	83	233234	52.804	ug/l 100
39) 1,2-Dichloropropane	7.49	63	144320	53.623	ug/l 97
40) Dibromomethane	7.64	93	110922	53.105	ug/l 98

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 MSVOA_X
 ClientSampleId :

Quant Time: Nov 03 12:53:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	222278	53.827	ug/l	99
42) Vinyl Acetate	3.79	43	1621163	265.410	ug/l	99
43) Ethyl Acetate	4.79	43	175027	53.148	ug/l	98
44) Isopropyl Acetate	6.41	43	295106	53.514	ug/l	99
45) 1,4-Dioxane	7.73	88	60281	1039.974	ug/l	99
46) Methyl methacrylate	7.74	41	140516	53.836	ug/l	99
47) n-amyl Acetate	10.88	43	237458	53.682	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	247752	53.591	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	264564	53.778	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	162795	53.810	ug/l	98
51) Ethyl methacrylate	9.16	69	241046	54.604	ug/l	98
52) 1,3-Dichloropropane	9.35	76	263180	53.399	ug/l	99
53) Dibromochloromethane	9.57	129	182298	54.129	ug/l	100
54) 1,2-Dibromoethane	9.65	107	175357	53.342	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	623485	264.284	ug/l	100
56) Bromoform	10.84	173	121802	51.732	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	867264	271.399	ug/l	100
59) 2-Hexanone	9.48	43	639558	268.582	ug/l	99
61) Tetrachloroethene	9.32	164	157544	52.407	ug/l	93
62) Toluene	8.77	91	699421	52.518	ug/l	100
64) Chlorobenzene	10.12	112	438049	52.913	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	159232	52.886	ug/l	99
66) Ethyl Benzene	10.23	91	761430	52.149	ug/l	99
67) m/p-Xylenes	10.34	106	588731	105.729	ug/l	99
68) o-Xylene	10.68	106	279769	52.680	ug/l	99
69) Styrene	10.70	104	470165	52.545	ug/l	99
70) Isopropylbenzene	11.00	105	752784	52.718	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	214626	52.063	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	253011	68.249	ug/l	83
73) Bromobenzene	11.24	156	179743	51.505	ug/l	98
74) n-propylbenzene	11.34	91	845925	52.319	ug/l	99
75) 2-Chlorotoluene	11.40	91	476126	52.060	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	605411	52.249	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	77843	52.873	ug/l	98
78) 4-Chlorotoluene	11.49	91	558739	51.989	ug/l	99
79) tert-butylbenzene	11.76	119	589746	51.686	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	596644	51.800	ug/l	98
81) sec-Butylbenzene	11.93	105	704517	52.182	ug/l	99
82) p-Isopropyltoluene	12.05	119	644398	51.788	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	318569	51.075	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	326642	51.578	ug/l	99
85) n-Butylbenzene	12.37	91	572547	51.391	ug/l	99
86) Hexachloroethane	12.58	117	101087	52.894	ug/l	99
87) 1,2-Dichlorobenzene	12.37	146	310951	52.074	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	49310	52.851	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	222016	51.666	ug/l	100
90) Hexachlorobutadiene	13.76	225	95190	52.245	ug/l	97
91) Naphthalene	13.82	128	743528	52.856	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	214152	51.807	ug/l	100

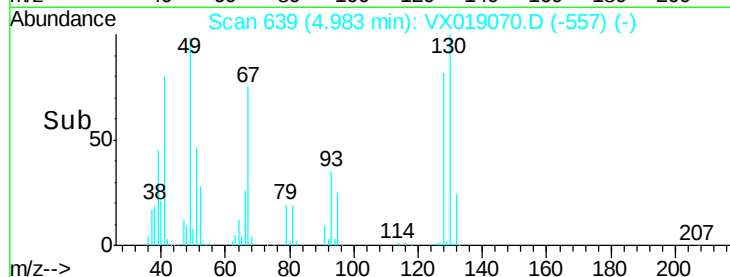
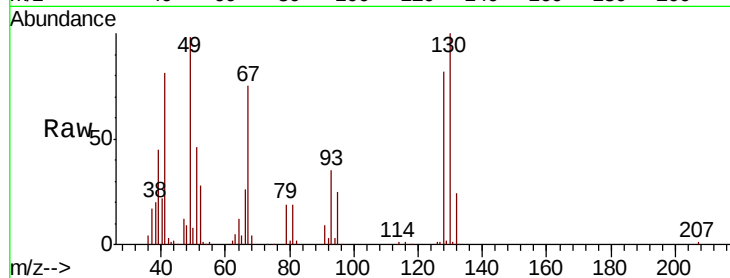
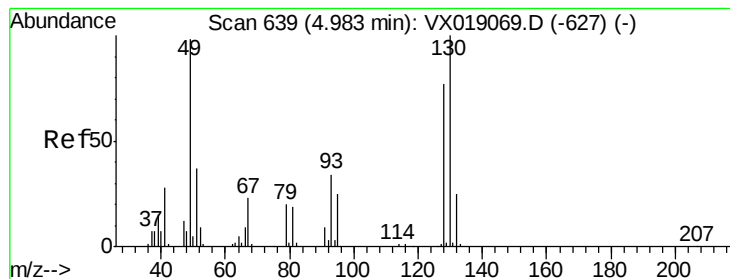
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampled :

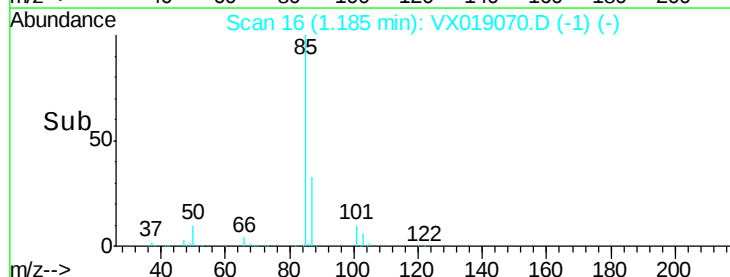
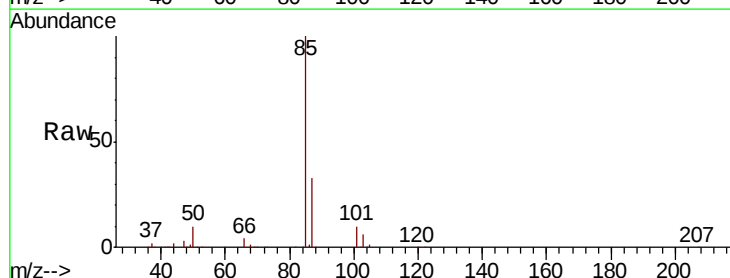
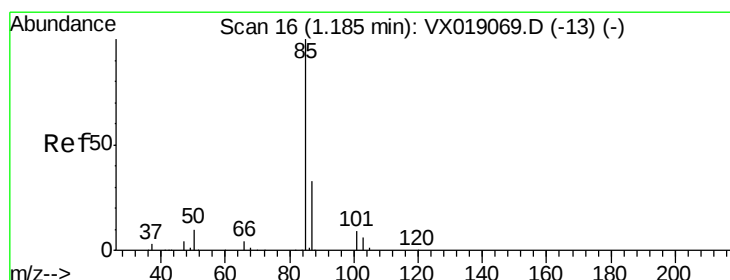
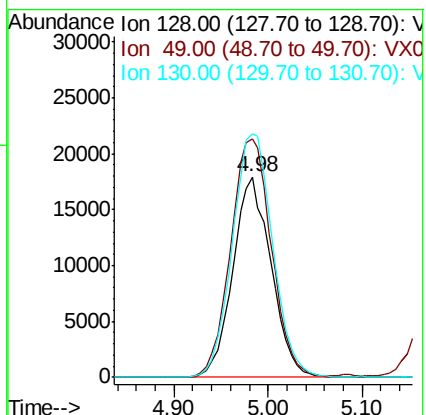
Tot Ion:128 Resp: 50564

Ion Ratio Lower Upper

128 100

49 127.4 0.0 318.8

130 128.8 0.0 321.8



#2

Dichlorodifluoromethane

Concen: 52.039 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019070.D

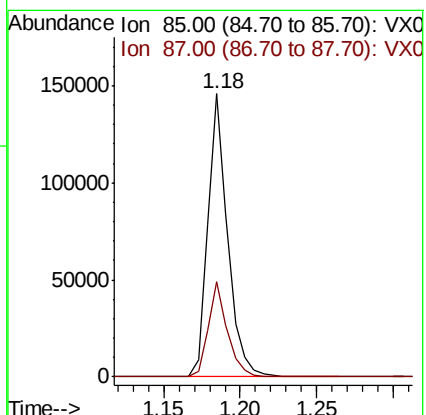
Acq: 23 Oct 2020 10:38

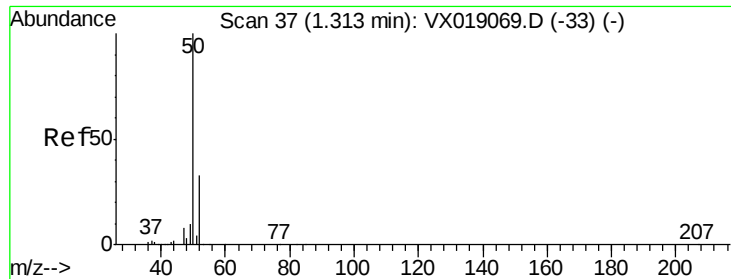
Tgt Ion: 85 Resp: 132234

Ion Ratio Lower Upper

85 100

87 33.4 16.6 49.7





#3

Chloromethane

Concen: 53.163 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

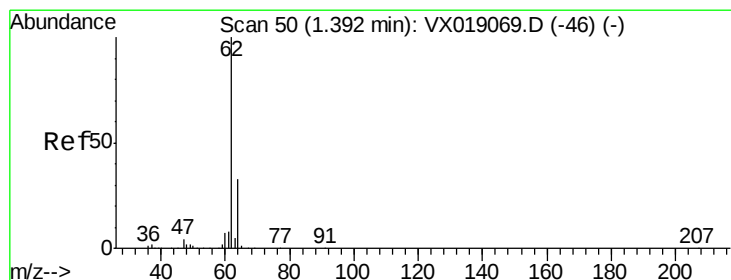
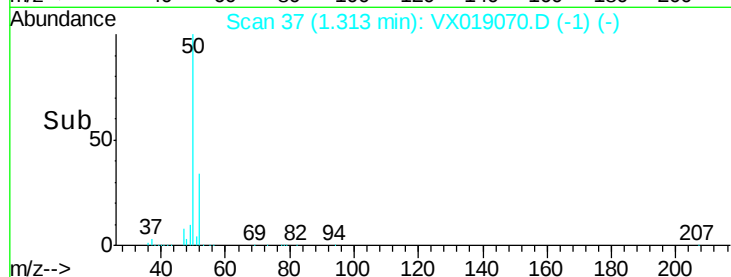
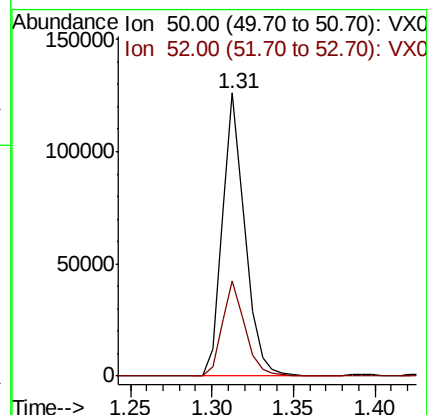
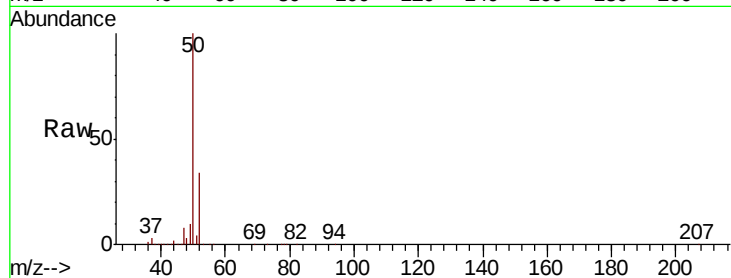
ClientSampled :

Tot Ion: 50 Resp: 122064

Ion Ratio Lower Upper

50 100

52 33.7 26.7 40.1



#4

Vinyl Chloride

Concen: 52.157 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019070.D

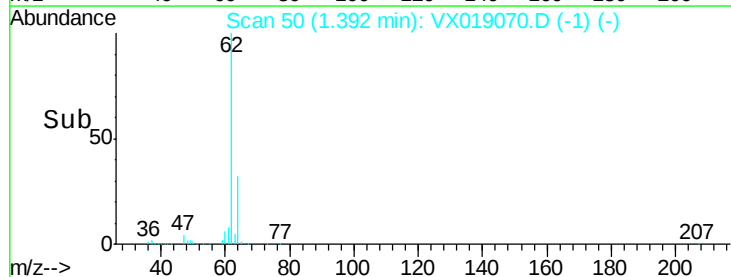
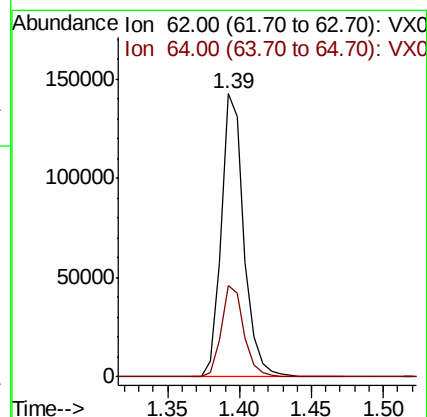
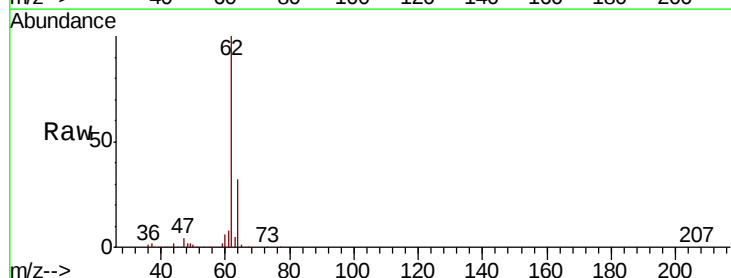
Acq: 23 Oct 2020 10:38

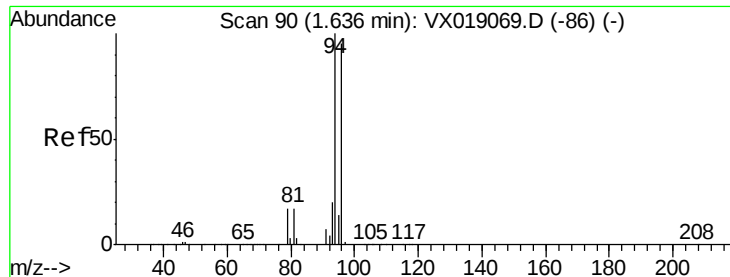
Tgt Ion: 62 Resp: 156951

Ion Ratio Lower Upper

62 100

64 32.4 26.7 40.1





#5

Bromomethane

Concen: 52.379 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

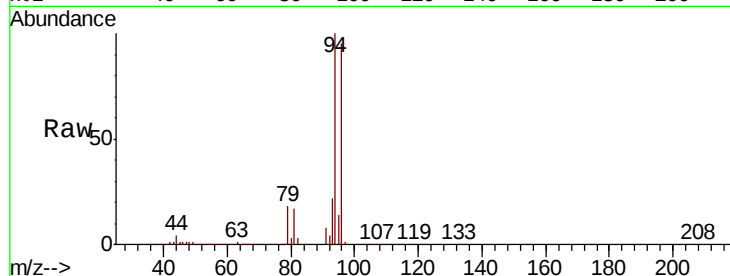
ClientSampleId :

Tot Ion: 94 Resp: 121183

Ion Ratio Lower Upper

94 100

96 95.4 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

120000

100000

80000

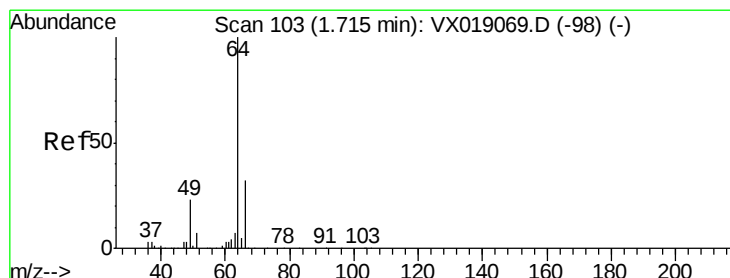
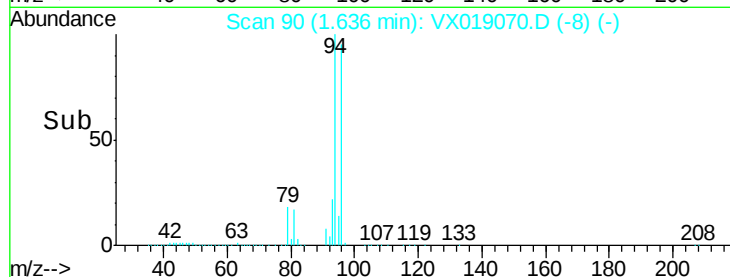
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 51.520 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019070.D

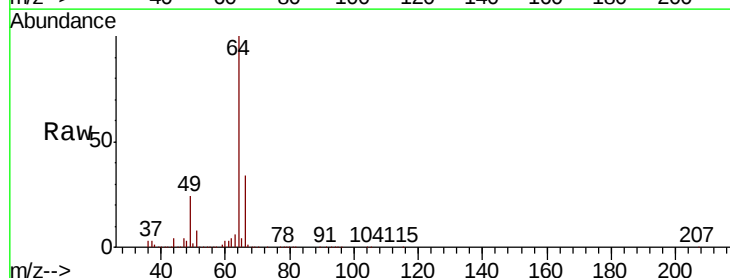
Acq: 23 Oct 2020 10:38

Tgt Ion: 64 Resp: 105060

Ion Ratio Lower Upper

64 100

66 33.7 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

80000

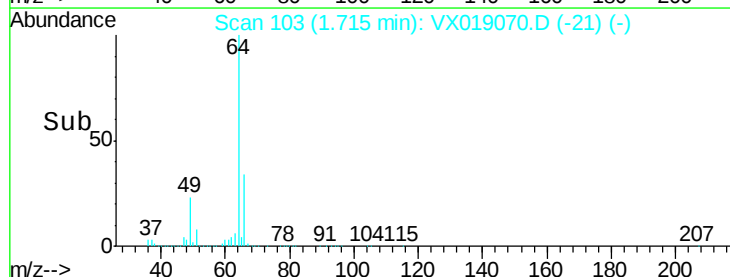
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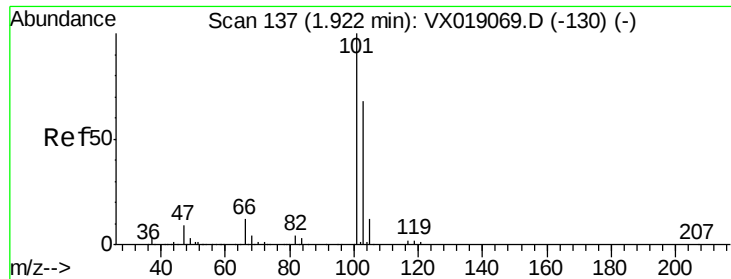
40000

20000

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Time-->



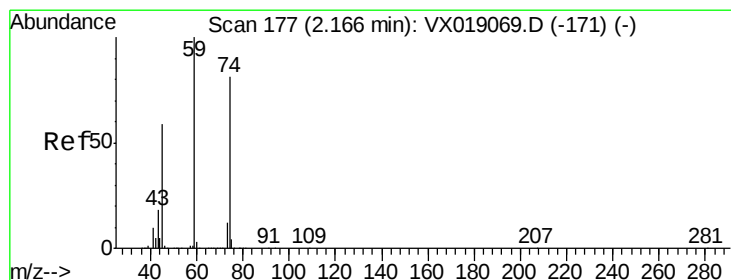
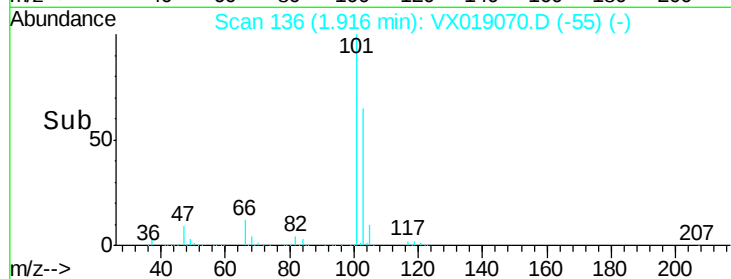
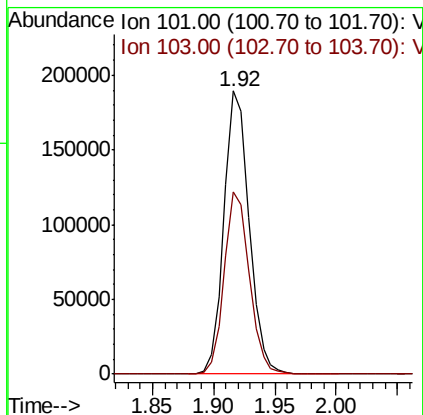
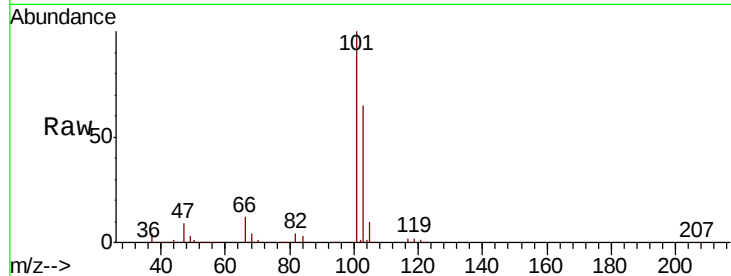


#7

Trichlorofluoromethane
Concen: 51.634 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :

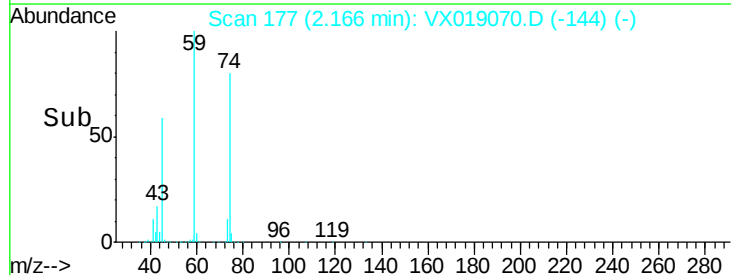
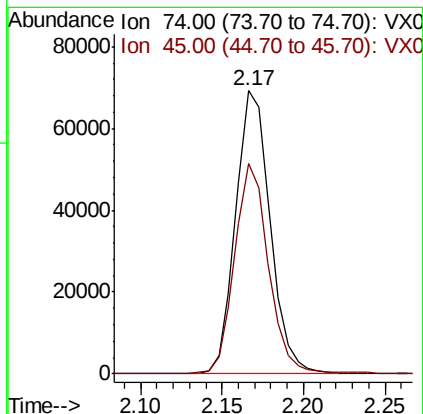
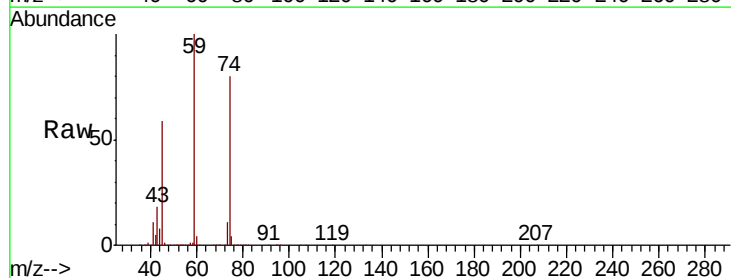
Tot Ion:101 Resp: 270558
Ion Ratio Lower Upper
101 100
103 64.5 54.2 81.4

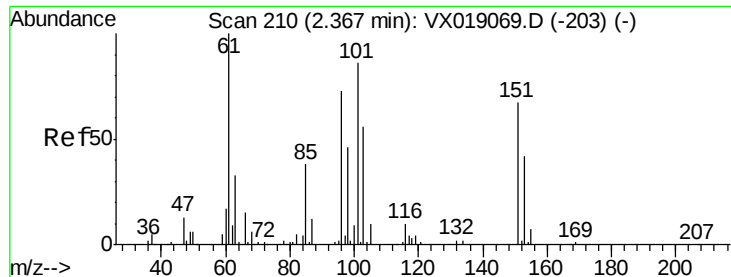


#8

Diethyl Ether
Concen: 52.248 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion: 74 Resp: 102623
Ion Ratio Lower Upper
74 100
45 71.7 14.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.806 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampled :

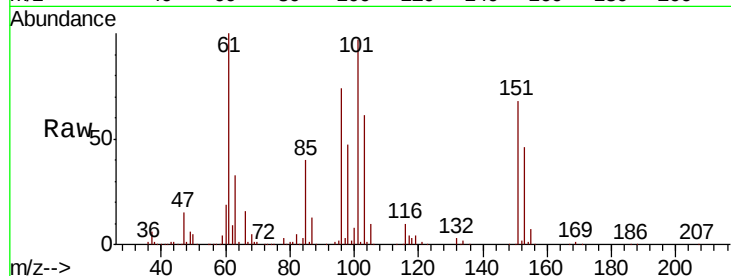
Tot Ion:101 Resp: 129709

Ion Ratio Lower Upper

101 100

85 43.7 0.0 87.0

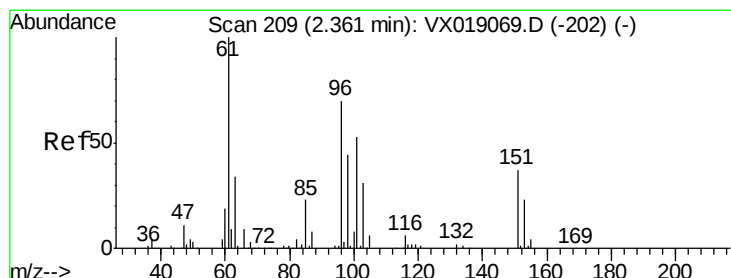
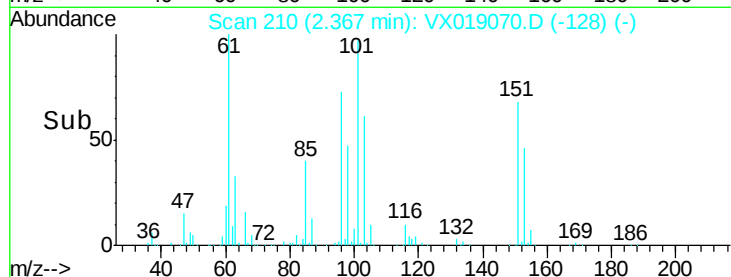
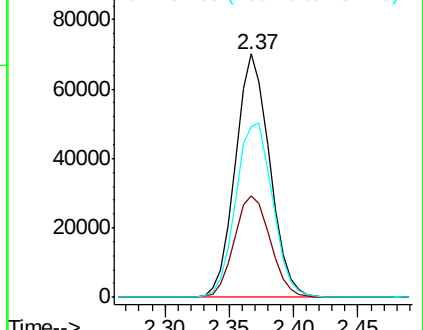
151 77.0 0.0 151.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 51.836 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

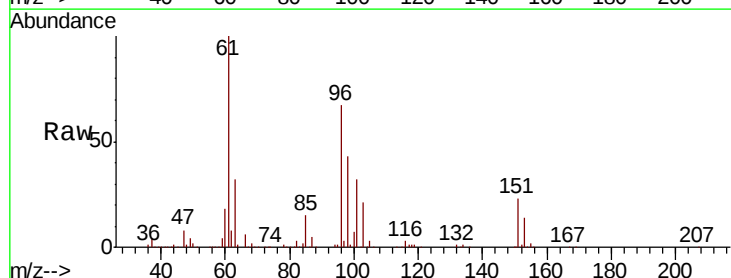
Tgt Ion: 96 Resp: 131940

Ion Ratio Lower Upper

96 100

61 149.2 113.8 170.8

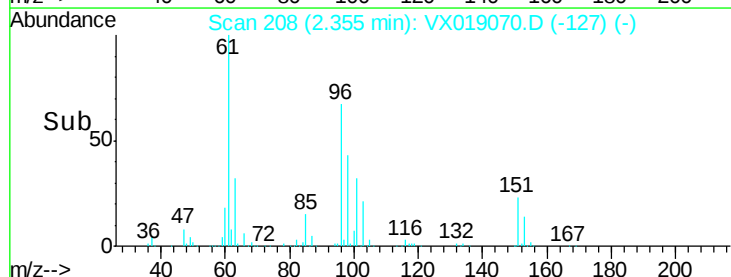
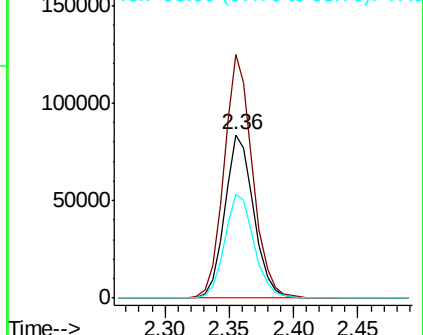
98 63.7 50.4 75.6

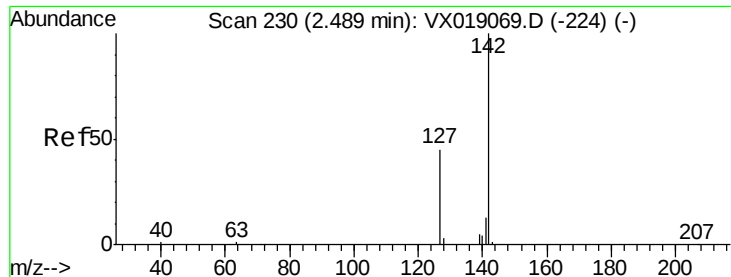


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

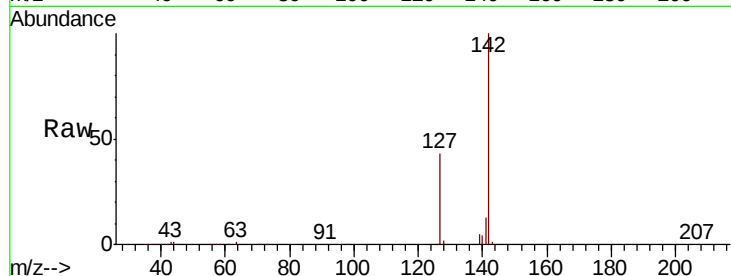




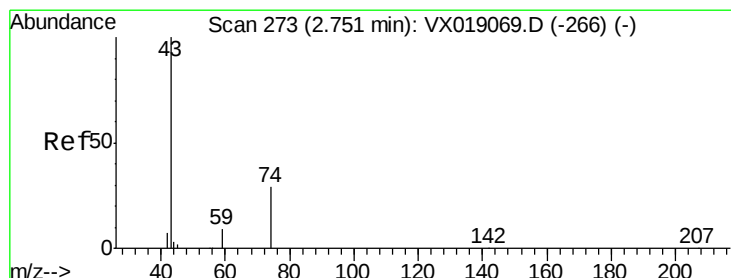
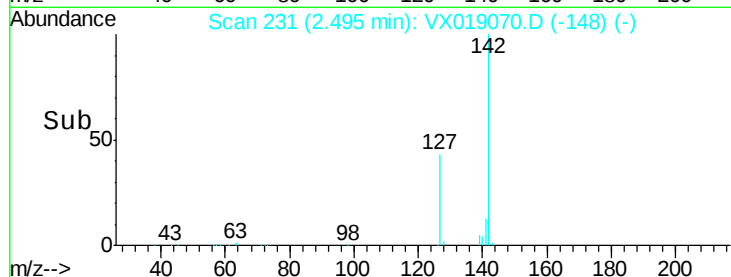
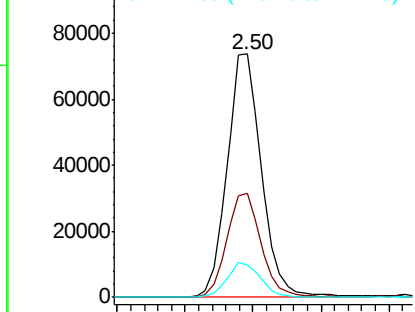
#11
Methyl Iodide
Concen: 45.948 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 129148
Ion Ratio Lower Upper
142 100
127 42.6 22.6 67.7
141 13.4 6.3 19.1

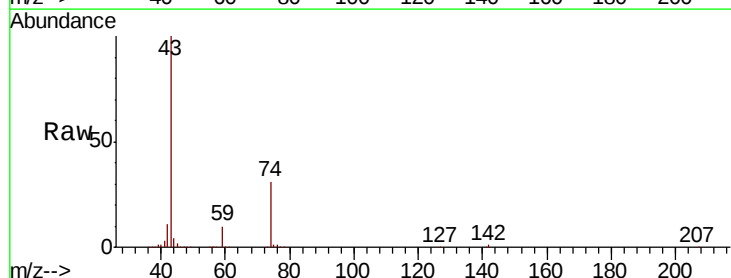


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

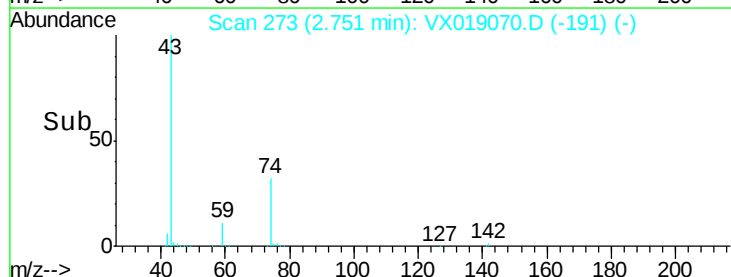
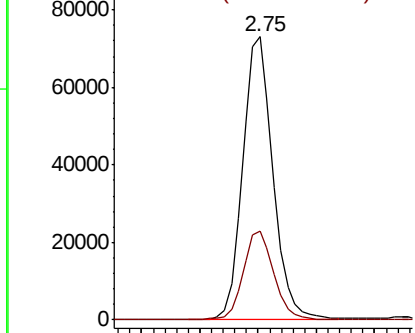


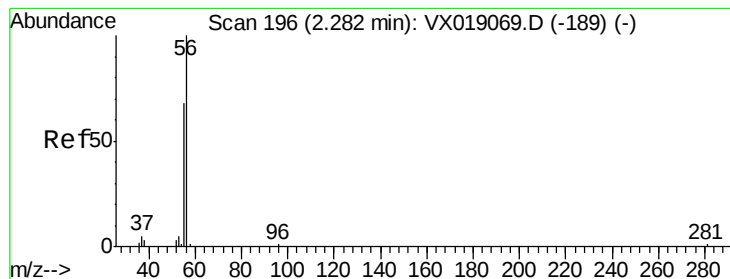
#12
Methyl Acetate
Concen: 52.253 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion: 43 Resp: 131667
Ion Ratio Lower Upper
43 100
74 31.4 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 218.587 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.01 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

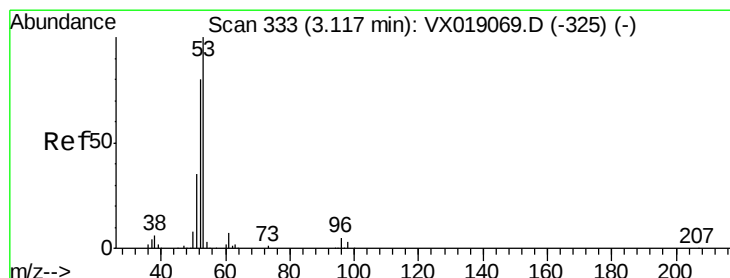
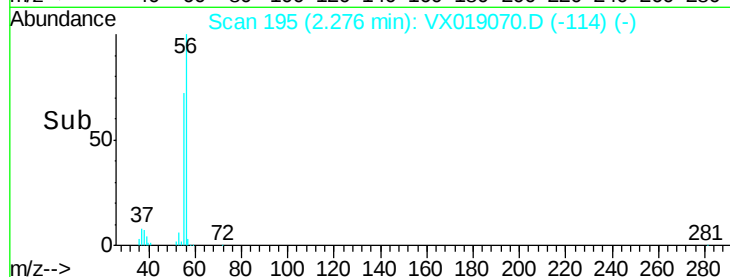
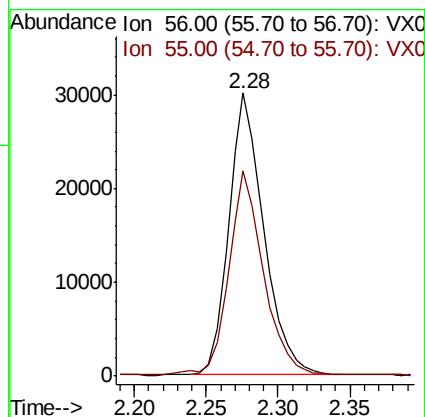
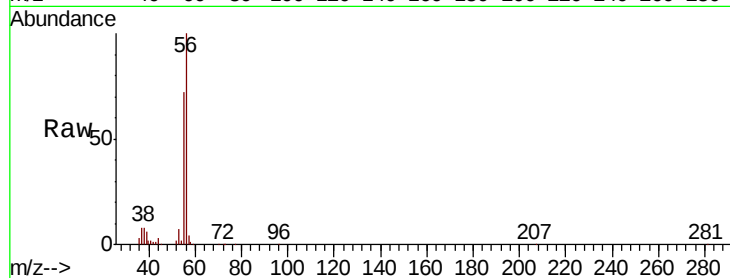
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 50715

Ion Ratio Lower Upper

56 100

55 73.8 58.2 87.2



#14

Acrylonitrile

Concen: 260.447 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

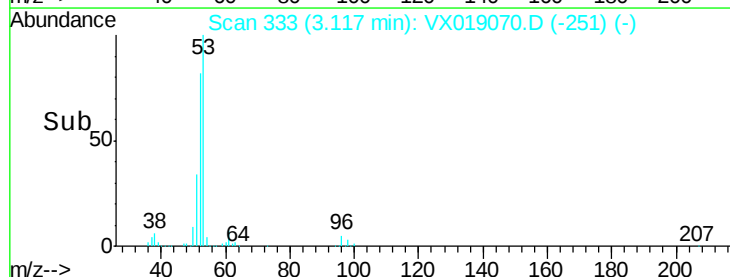
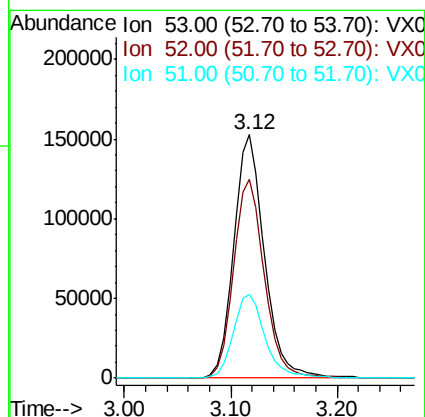
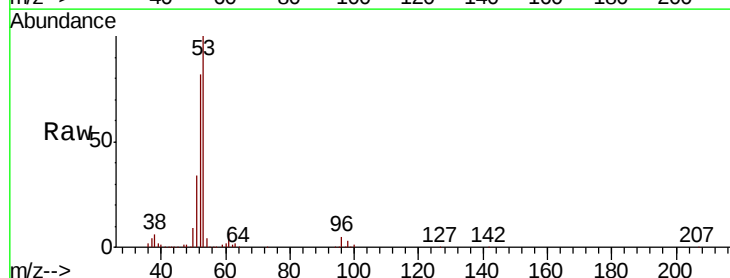
Tgt Ion: 53 Resp: 308315

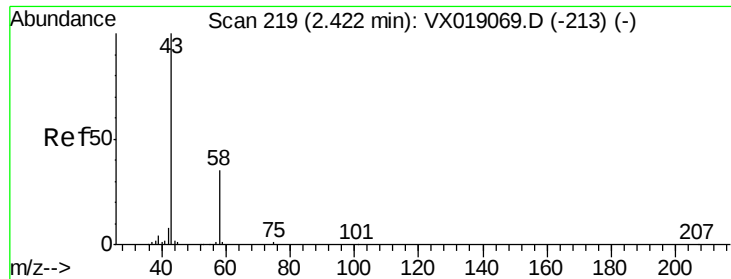
Ion Ratio Lower Upper

53 100

52 82.0 41.0 123.0

51 35.9 18.2 54.6





#15

Acetone

Concen: 251.081 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

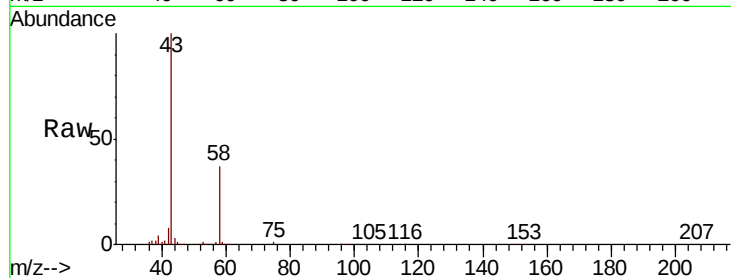
ClientSampled :

Tot Ion: 58 Resp: 85145

Ion Ratio Lower Upper

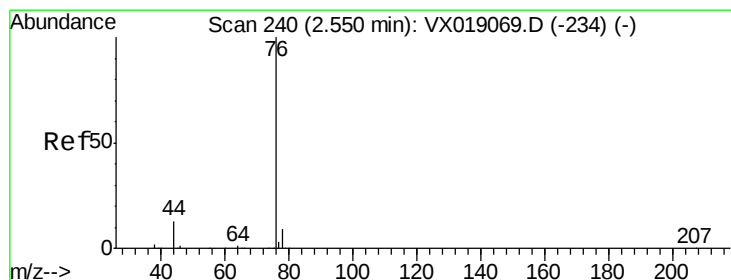
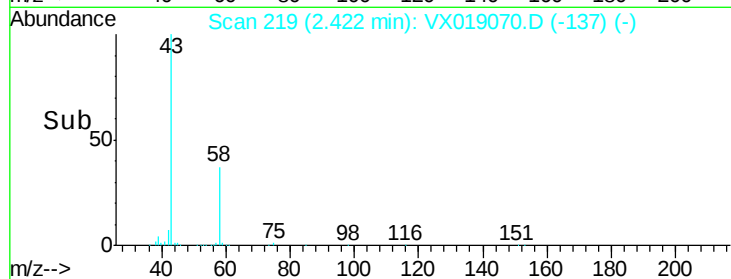
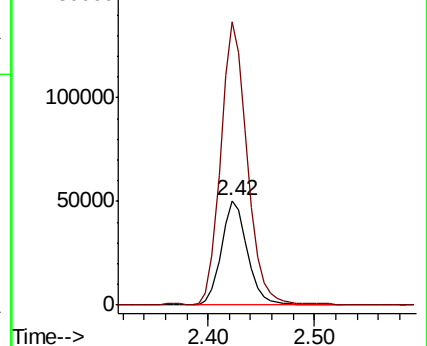
58 100

43 270.3 226.7 340.1



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 51.511 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019070.D

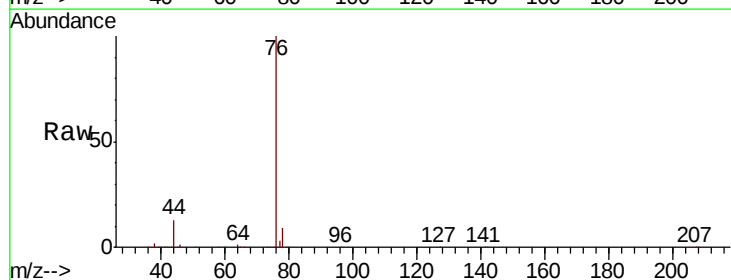
Acq: 23 Oct 2020 10:38

Tgt Ion: 76 Resp: 364434

Ion Ratio Lower Upper

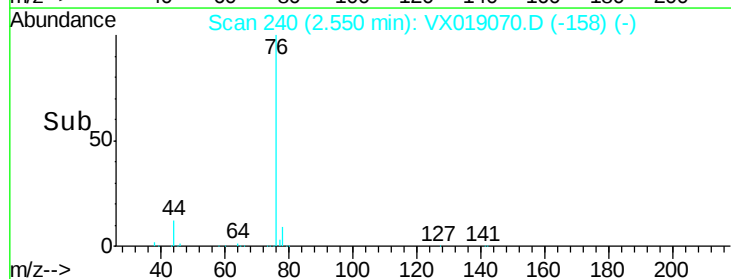
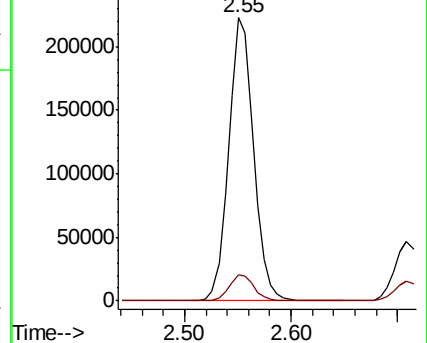
76 100

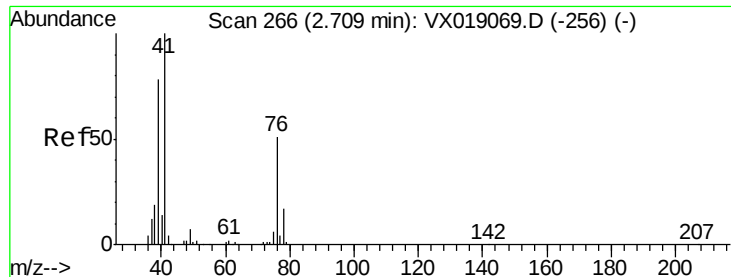
78 9.4 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

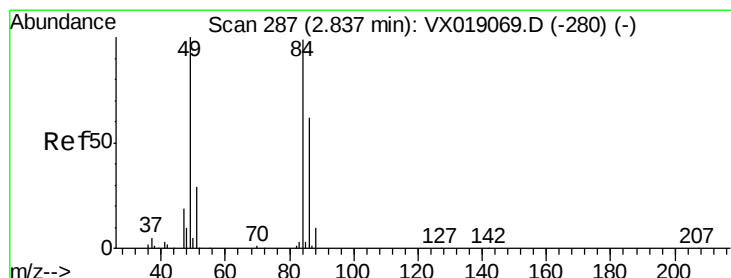
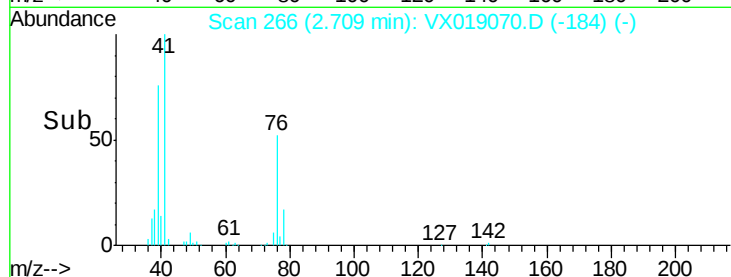
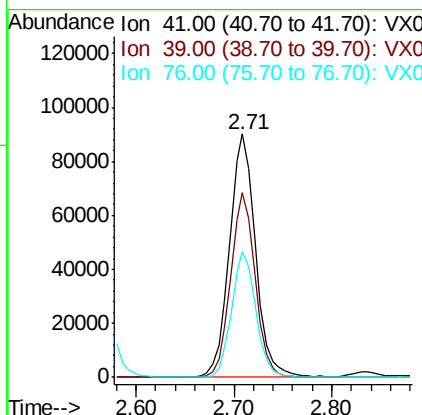
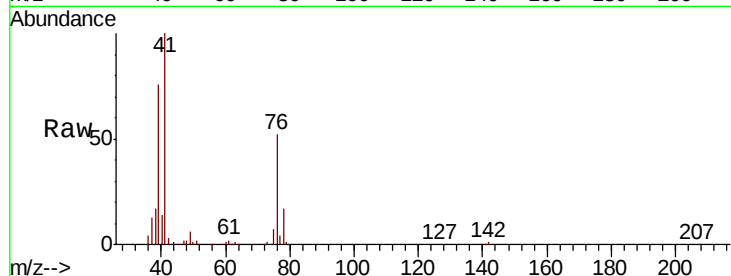




#17
Allvl chloride
Concen: 52.447 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

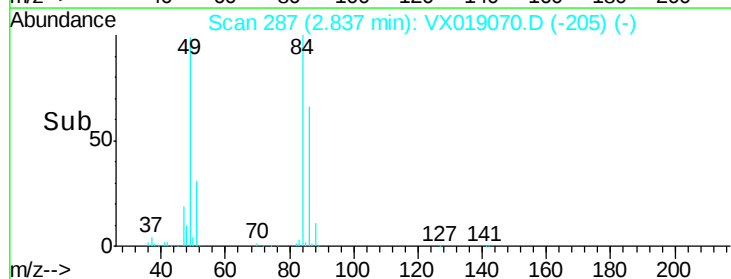
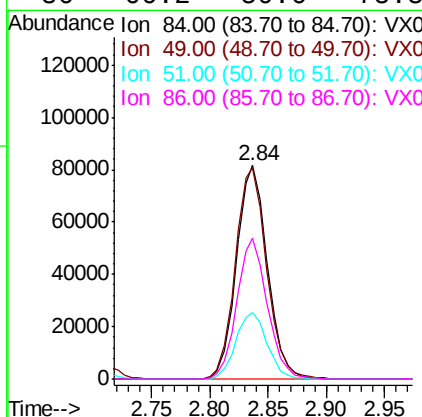
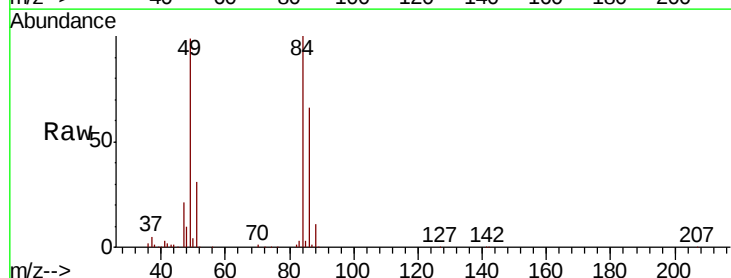
Instrument :
MSVOA_X
ClientSampleId :

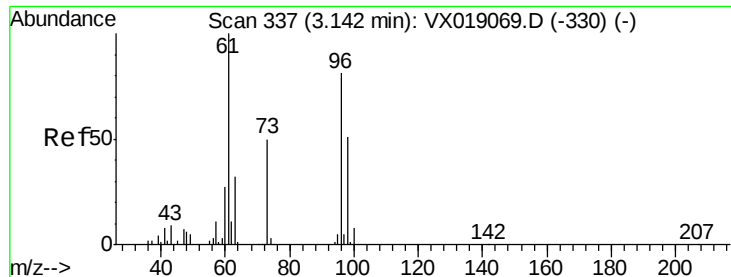
Tot Ion: 41 Resp: 166755
Ion Ratio Lower Upper
41 100
39 75.8 38.8 116.3
76 51.6 25.8 77.4



#18
Methylene Chloride
Concen: 52.048 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion: 84 Resp: 151086
Ion Ratio Lower Upper
84 100
49 99.2 80.9 121.3
51 31.3 23.8 35.6
86 66.2 50.6 75.8





#19

trans-1,2-Dichloroethene

Concen: 51.657 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

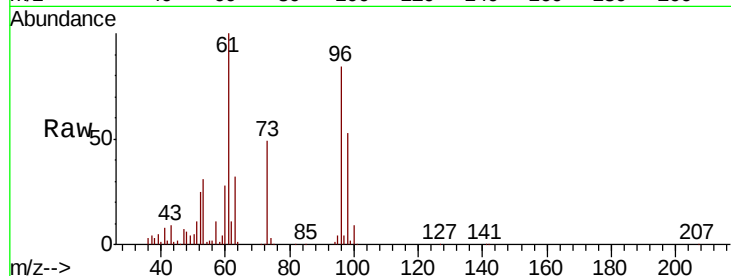
Tot Ion: 96 Resp: 153566

Ion Ratio Lower Upper

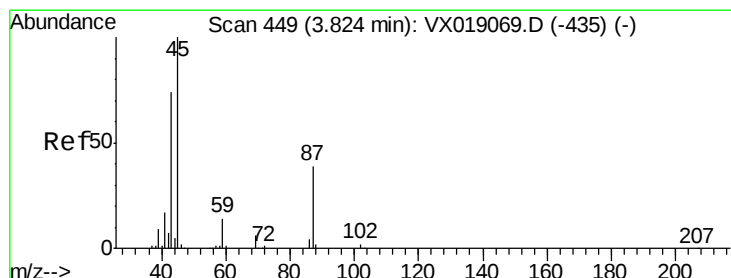
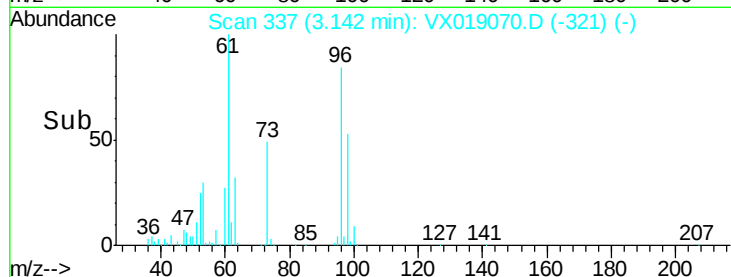
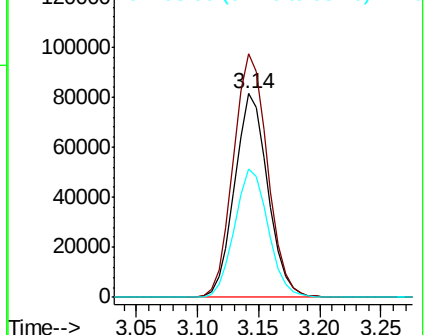
96 100

61 119.5 98.4 147.6

98 63.0 49.9 74.9



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 52.449 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Tgt Ion: 45 Resp: 337824

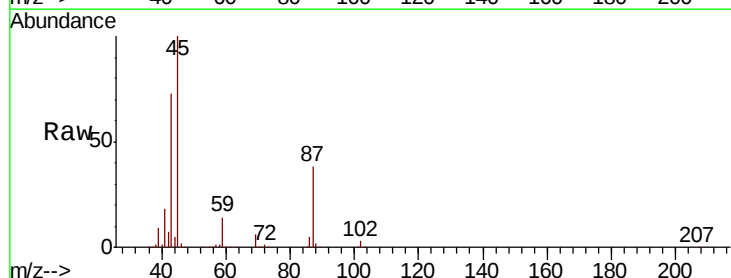
Ion Ratio Lower Upper

45 100

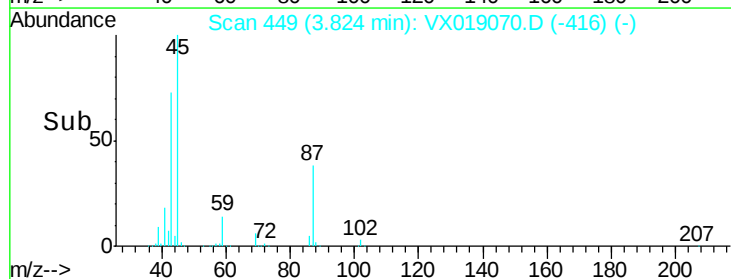
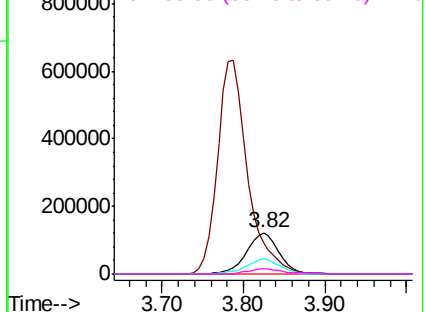
43 72.1 60.6 91.0

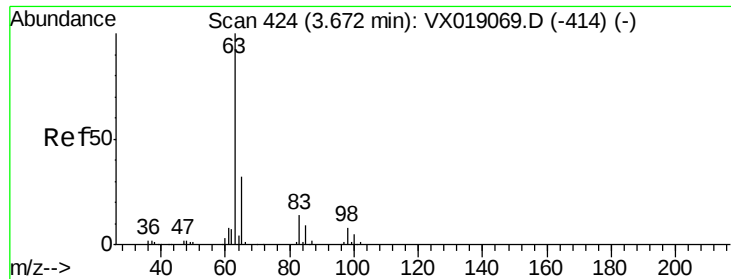
87 37.7 30.9 46.3

59 13.6 11.0 16.6



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

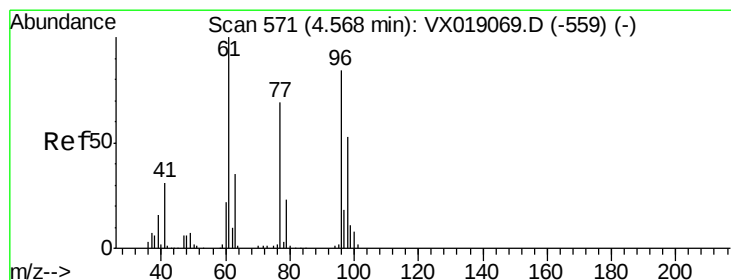
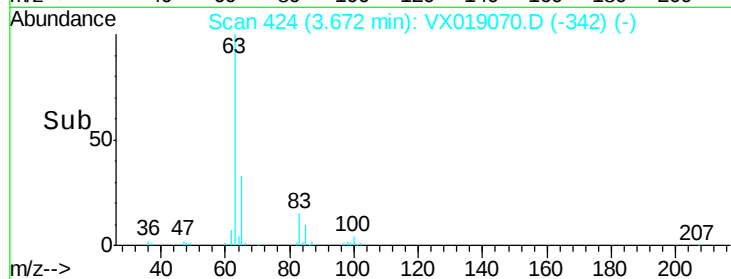
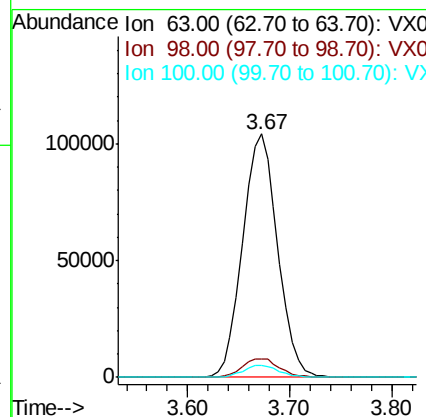
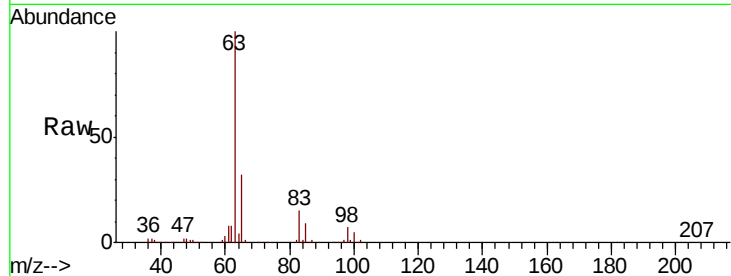




#21
 1,1-Dichloroethane
 Concen: 52.482 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

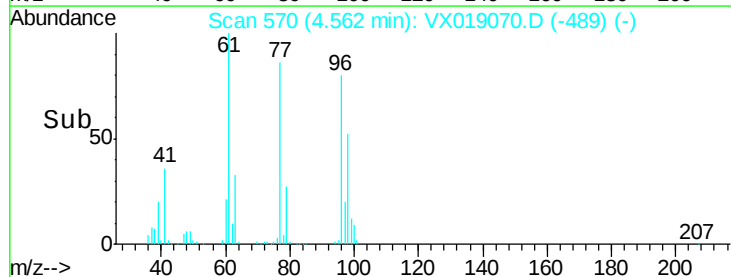
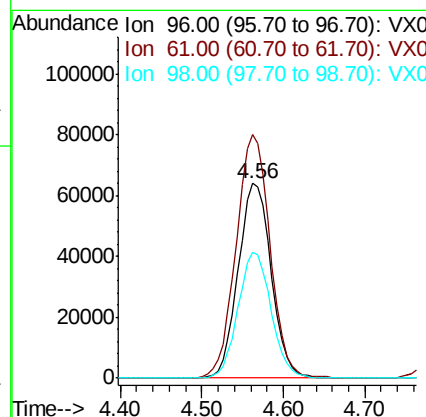
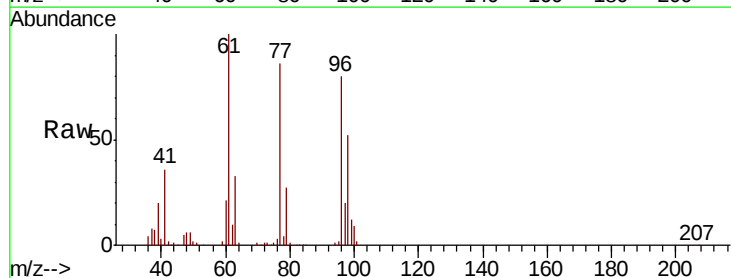
Instrument :
 MSVOA_X
 ClientSampled :

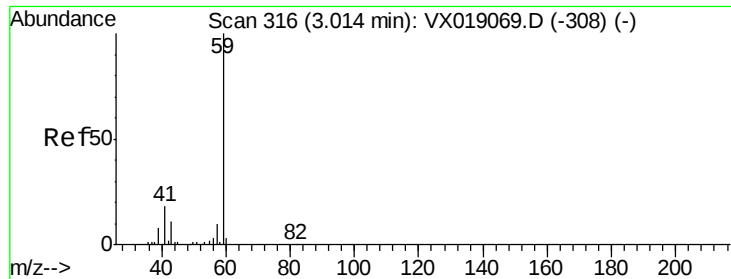
Tot Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.9	11.7
100	4.9	2.4	7.2



#22
 cis-1,2-Dichloroethene
 Concen: 52.145 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.7	101.9	152.9
98	64.3	51.3	76.9



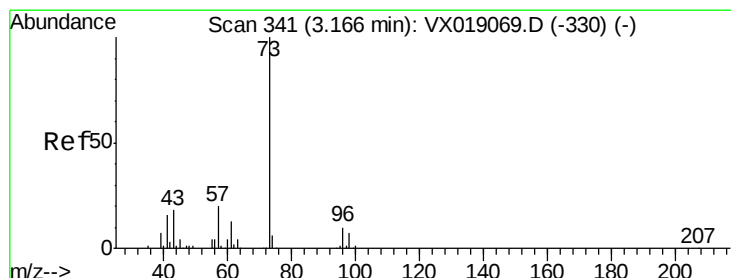
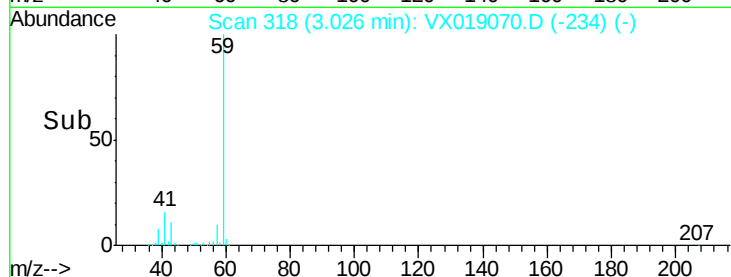
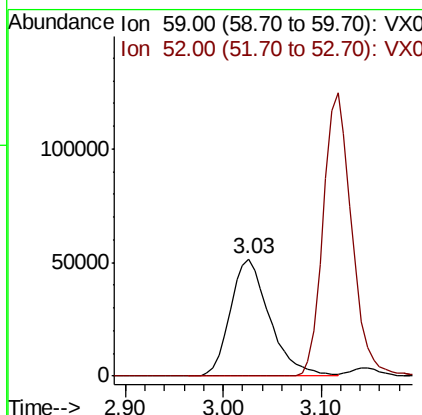
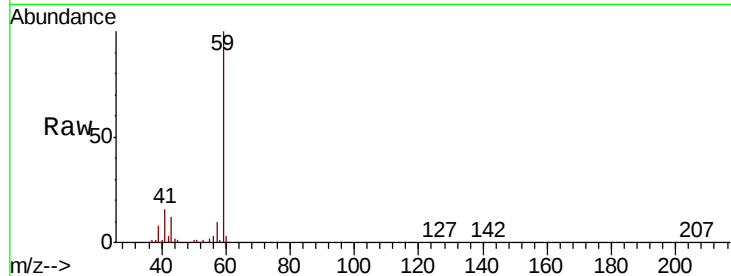


#23

tert-Butyl Alcohol
Concen: 250.870 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampled :

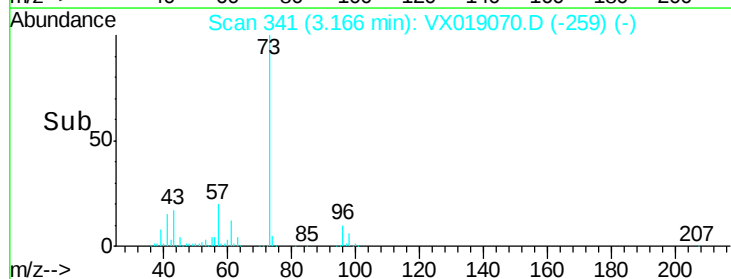
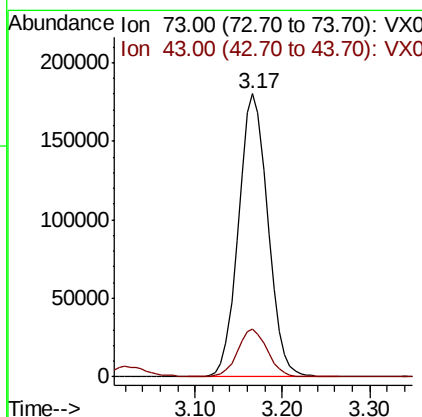
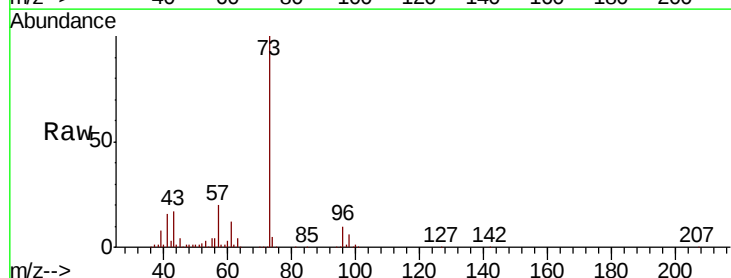
Tot Ion: 59 Resp: 143977
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.4#

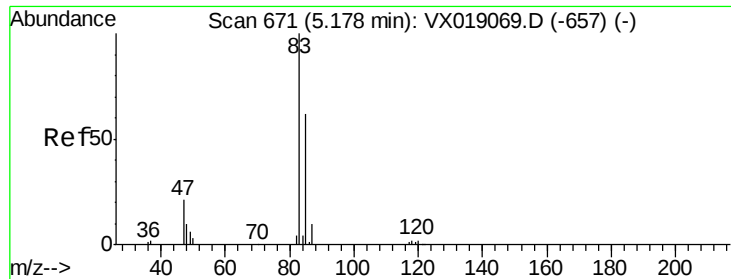


#24

Methyl tert-Butyl Ether
Concen: 52.252 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion: 73 Resp: 420557
Ion Ratio Lower Upper
73 100
43 16.9 13.9 20.9

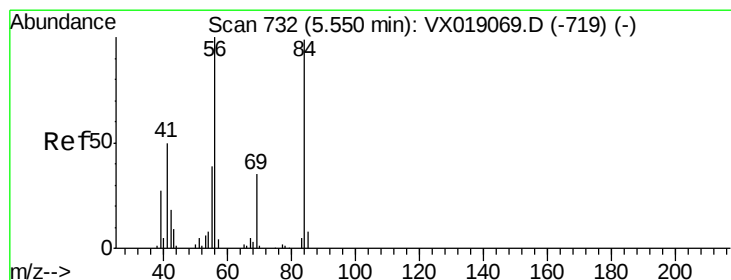
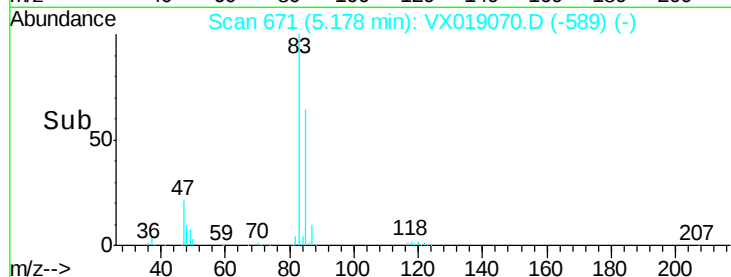
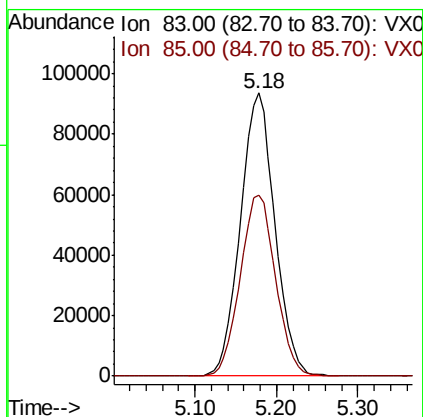
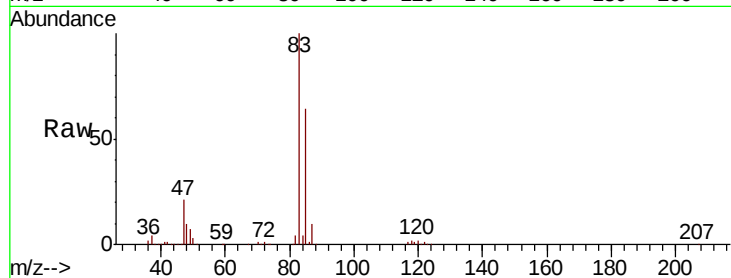




#25
Chloroform
Concen: 52.547 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

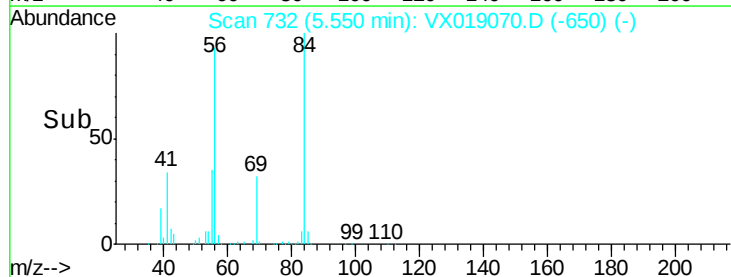
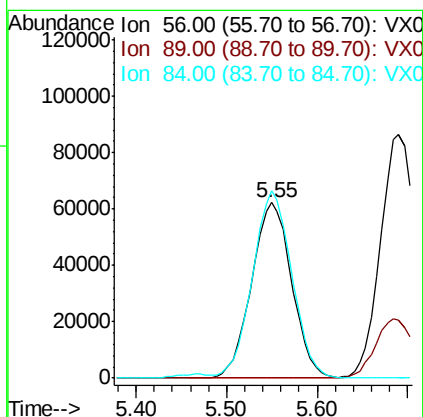
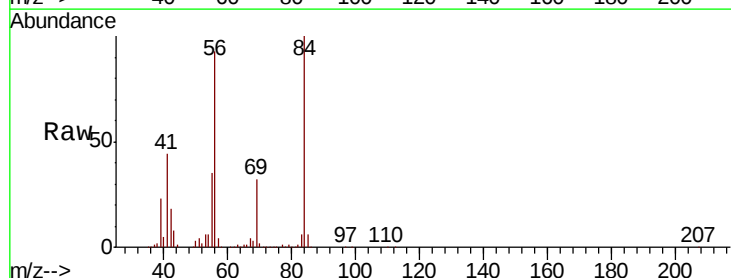
Instrument :
MSVOA_X
ClientSampled :

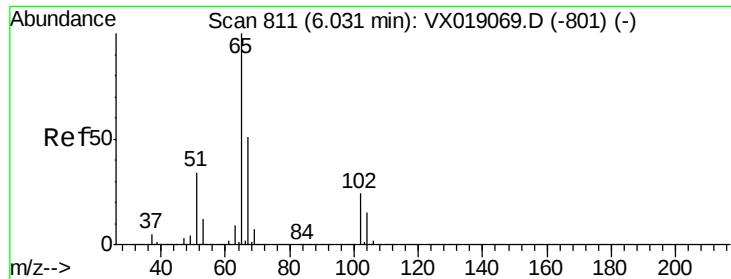
Tot Ion: 83 Resp: 275331
Ion Ratio Lower Upper
83 100
85 63.8 49.8 74.8



#26
Cyclohexane
Concen: 51.921 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion: 56 Resp: 190801
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 104.5 83.7 125.5





#27

1,2-Dichloroethane-d4

Concen: 29.713 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

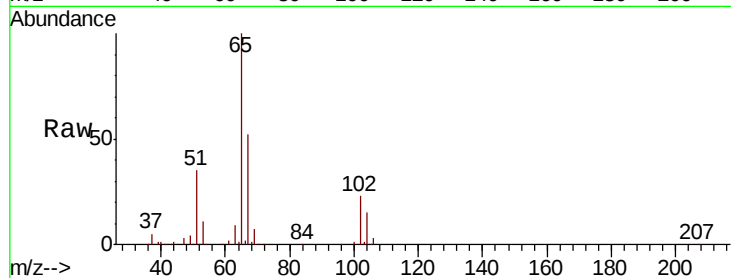
ClientSampleId :

Tot Ion: 65 Resp: 100071

Ion Ratio Lower Upper

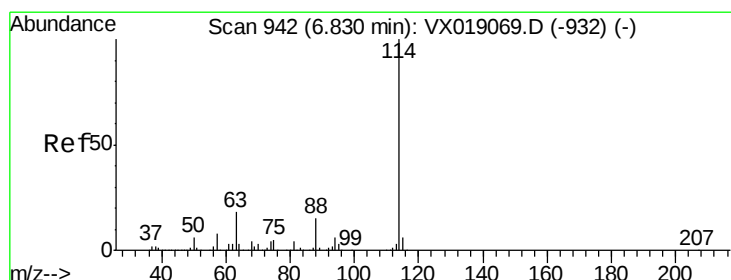
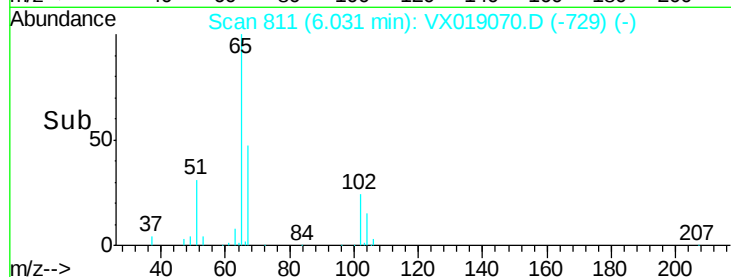
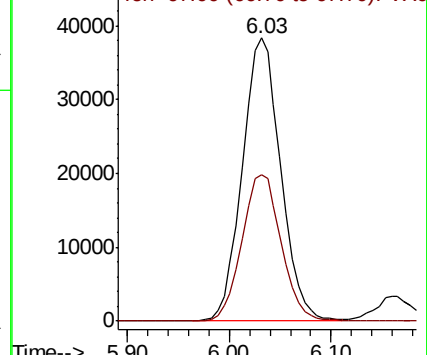
65 100

67 52.7 42.0 63.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

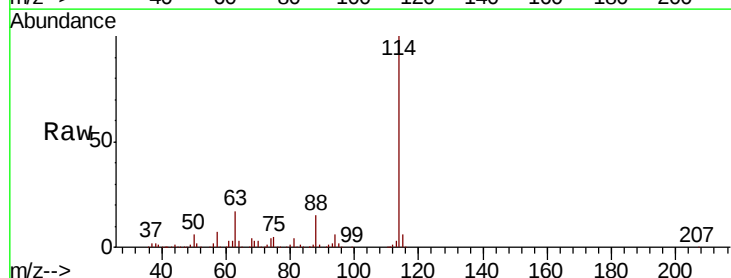
Tgt Ion: 114 Resp: 279324

Ion Ratio Lower Upper

114 100

63 18.1 14.6 21.8

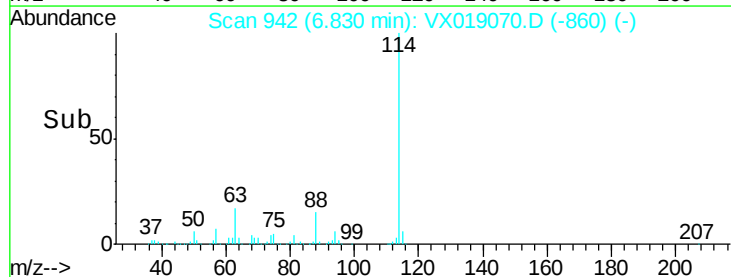
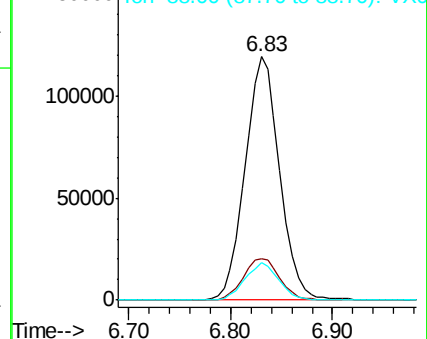
88 15.2 12.2 18.2

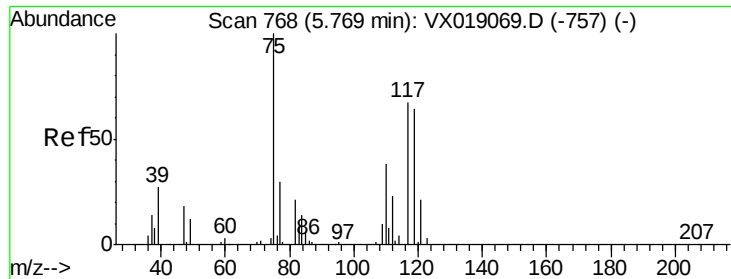


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

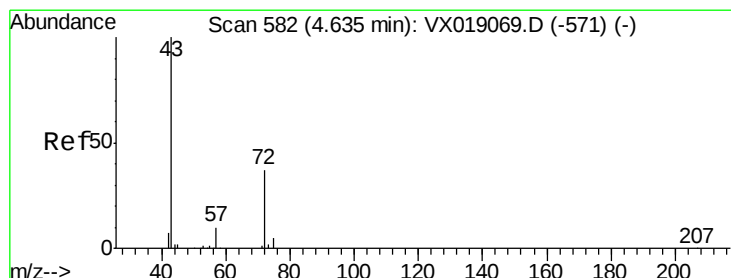
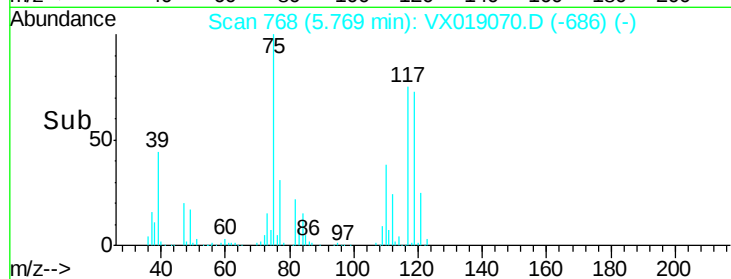
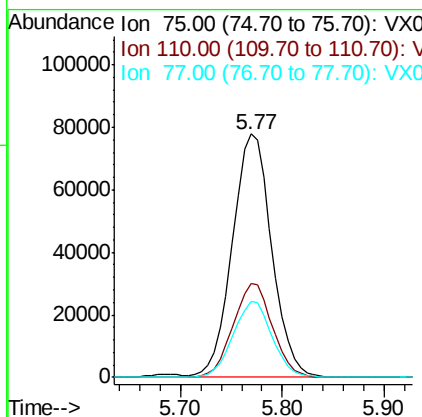
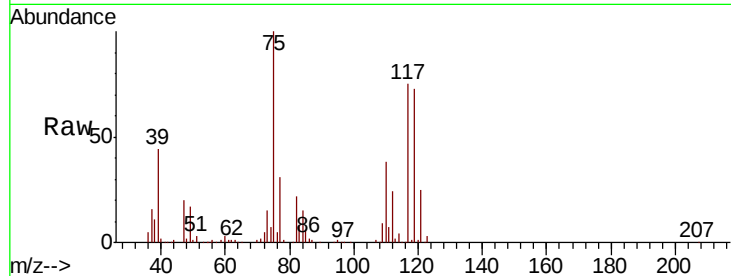




#29
 1,1-Dichloropropene
 Concen: 52.981 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

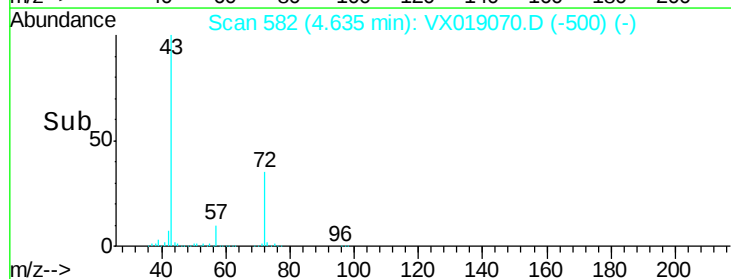
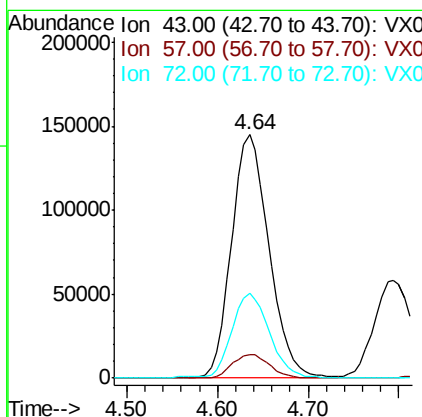
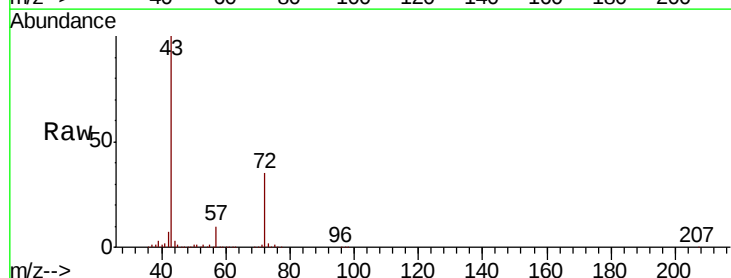
Instrument :
 MSVOA_X
 ClientSampled :

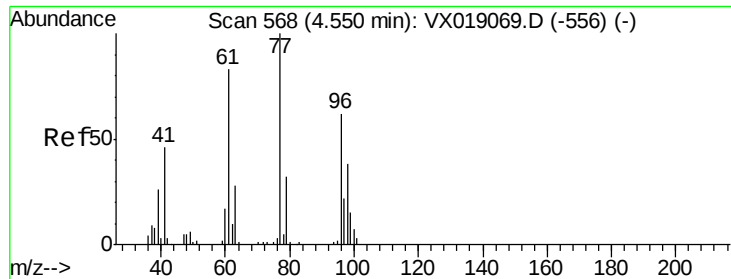
Tot Ion	Ratio	Lower	Upper
75	100		
110	38.4	0.0	77.4
77	31.0	0.0	62.8



#30
 2-Butanone
 Concen: 263.471 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.9	7.8	11.6
72	34.9	28.1	42.1





#31

2,2-Dichloropropane

Concen: 52.884 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

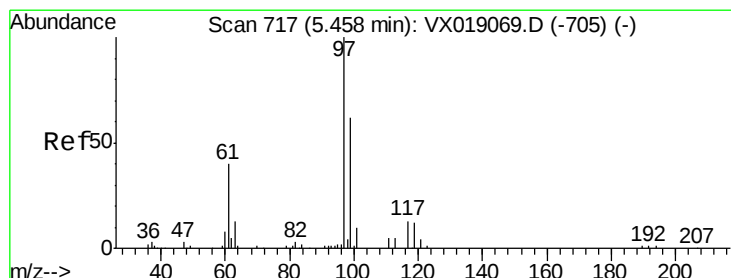
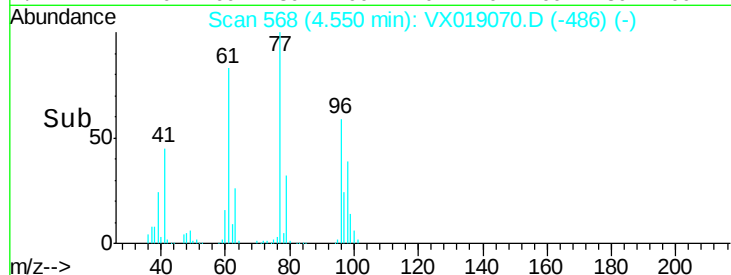
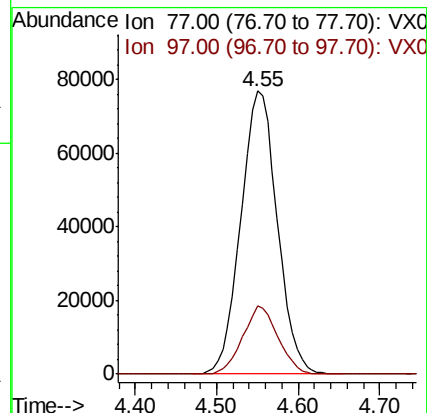
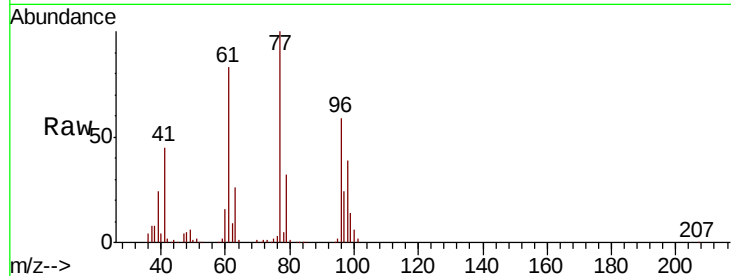
ClientSampled :

Tot Ion: 77 Resp: 238432

Ion Ratio Lower Upper

77 100

97 23.4 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 52.552 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

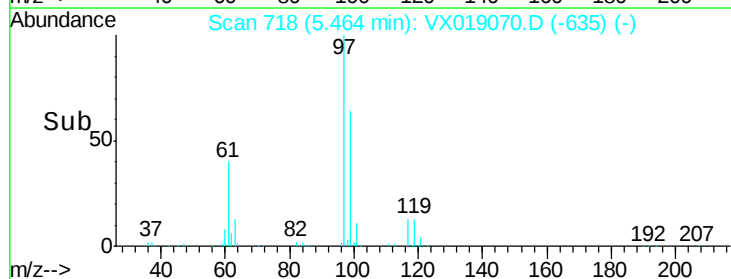
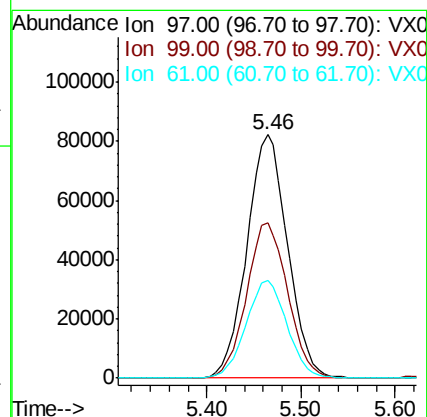
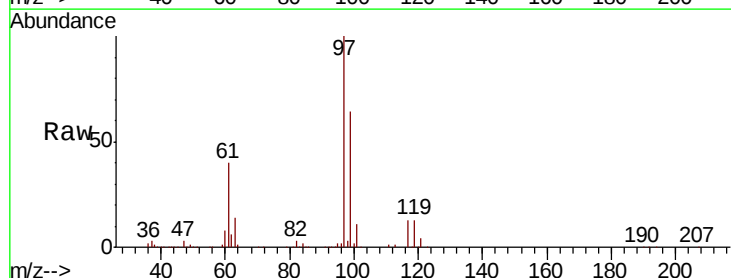
Tgt Ion: 97 Resp: 248895

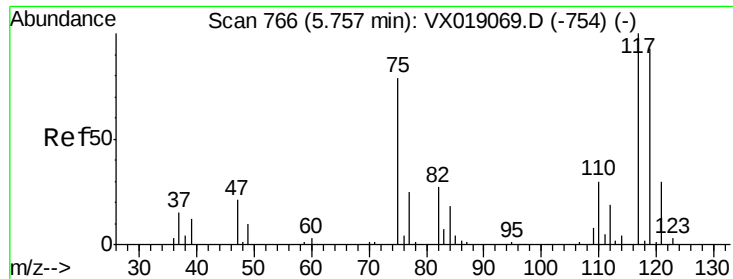
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.6

61 40.3 32.0 48.0





#33

Carbon Tetrachloride

Concen: 53.065 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

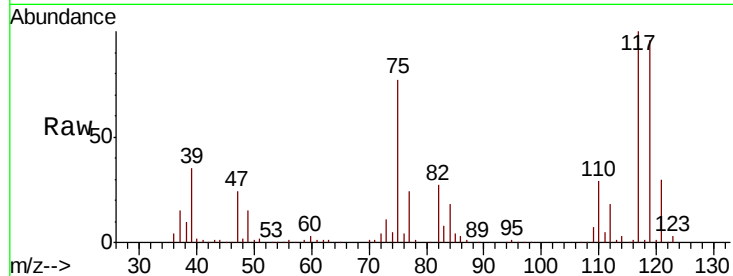
Tot Ion:117 Resp: 218107

Ion Ratio Lower Upper

117 100

119 96.2 74.5 111.7

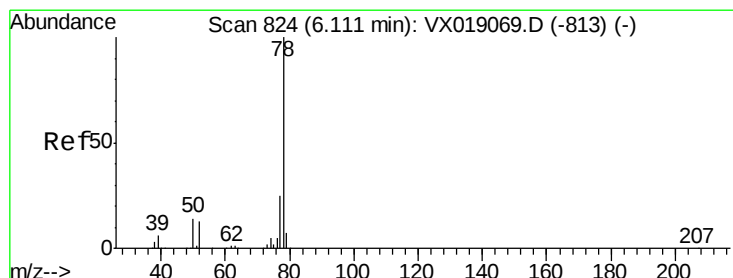
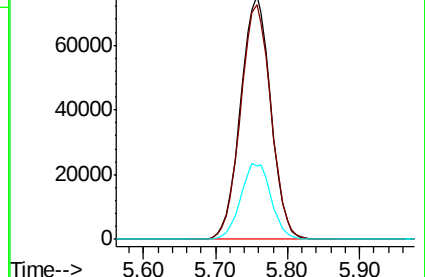
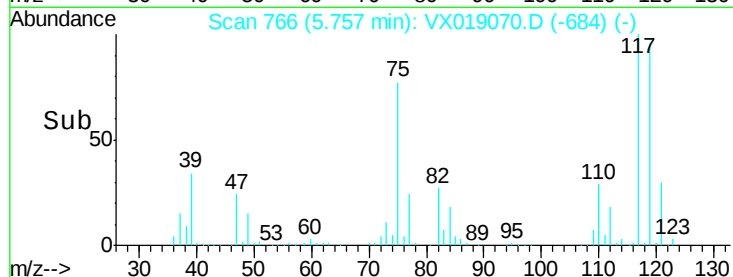
121 30.3 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 53.030 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

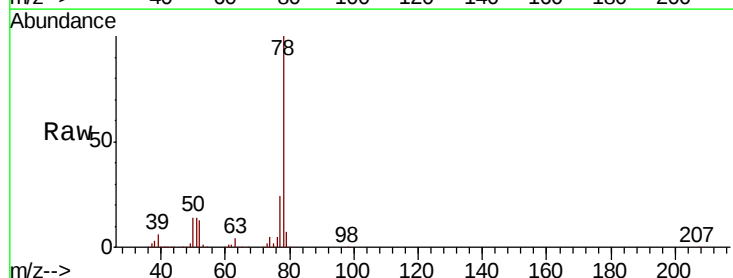
Tgt Ion: 78 Resp: 614853

Ion Ratio Lower Upper

78 100

77 23.9 20.1 30.1

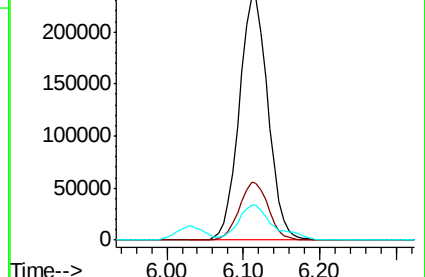
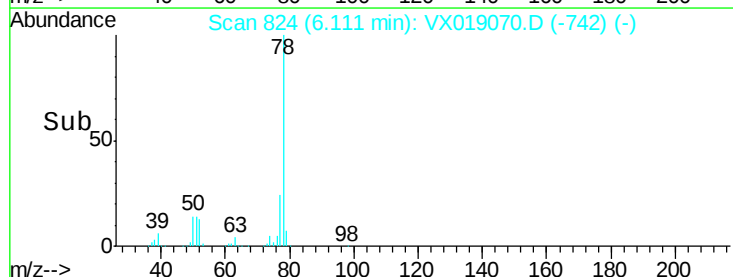
51 14.2 11.0 16.4

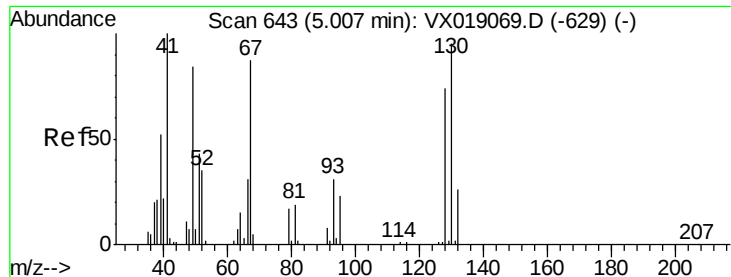


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#35

Methacrylonitrile

Concen: 53.044 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 90144

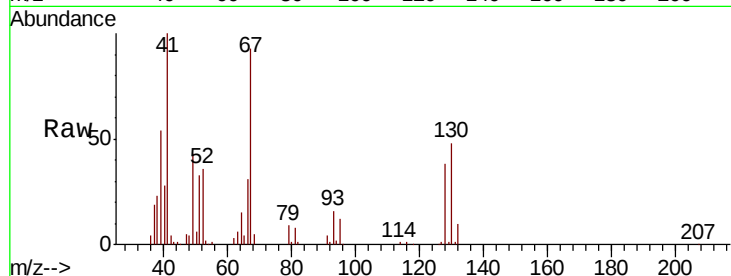
Ion Ratio Lower Upper

41 100

39 53.9 25.8 77.4

67 93.5 43.6 130.8

52 35.4 17.3 51.7

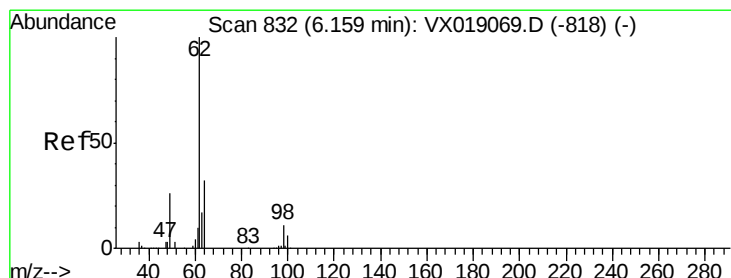
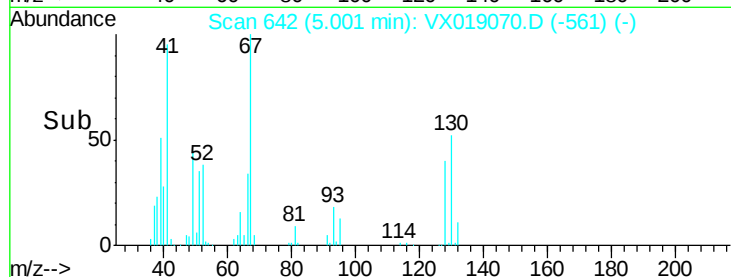
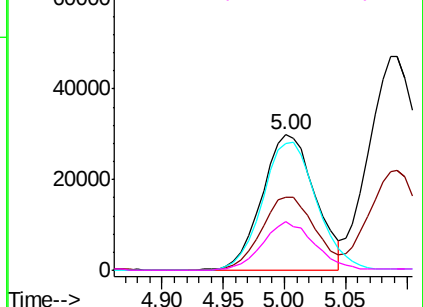


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36

1,2-Dichloroethane

Concen: 52.977 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX019070.D

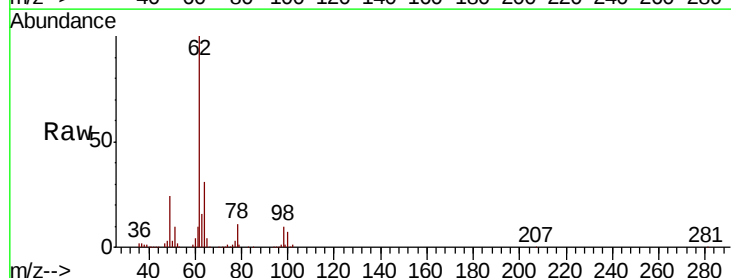
Acq: 23 Oct 2020 10:38

Tgt Ion: 62 Resp: 210705

Ion Ratio Lower Upper

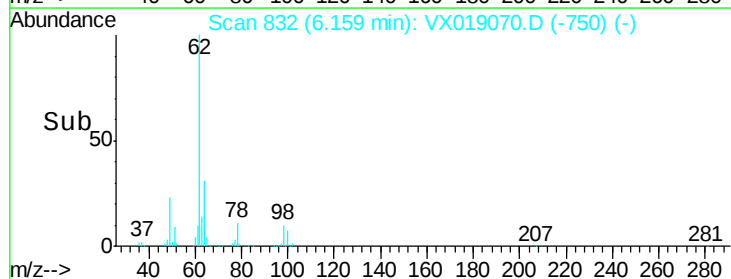
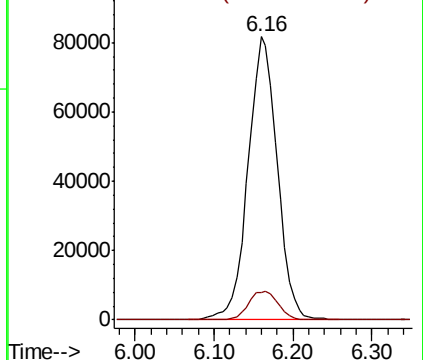
62 100

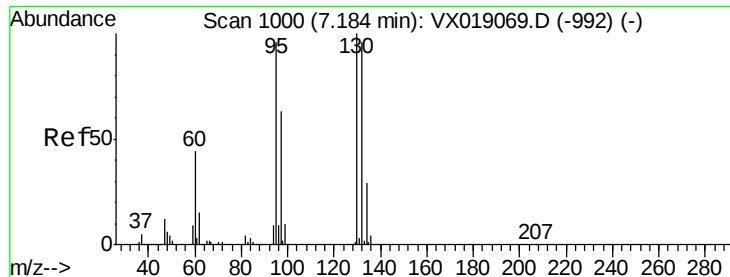
98 10.3 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

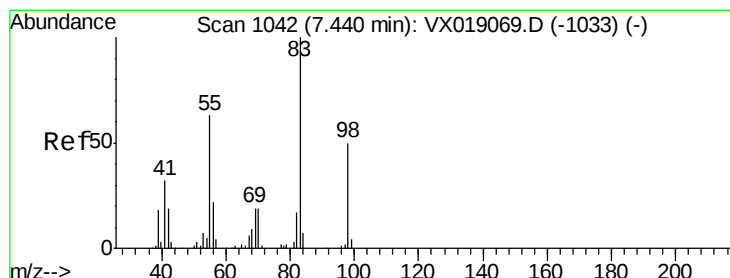
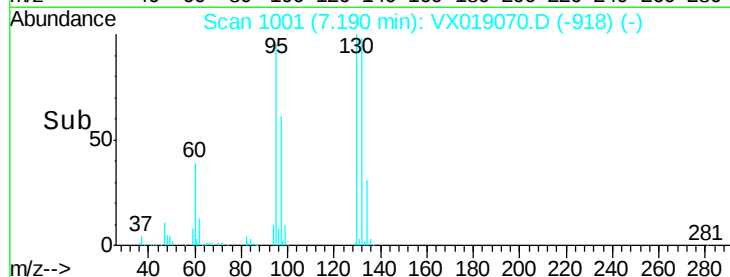
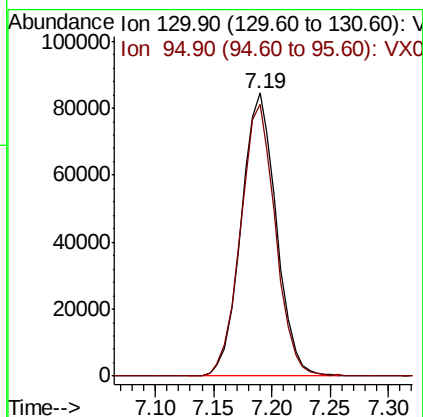
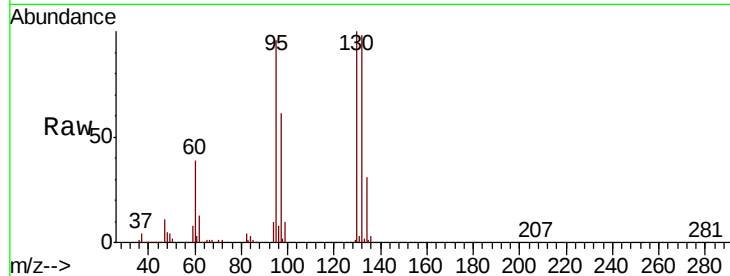




#37
 Trichloroethene
 Concen: 53.145 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

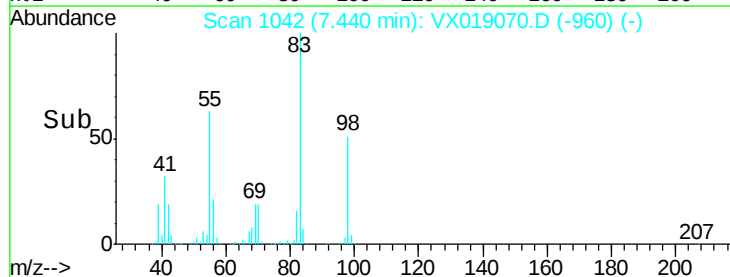
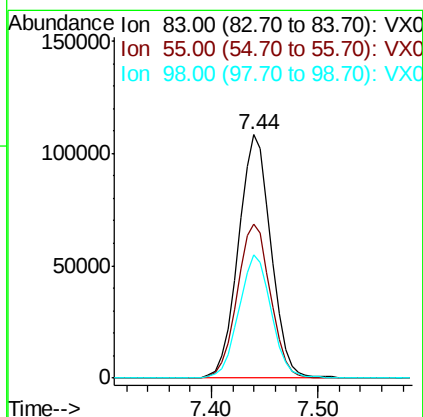
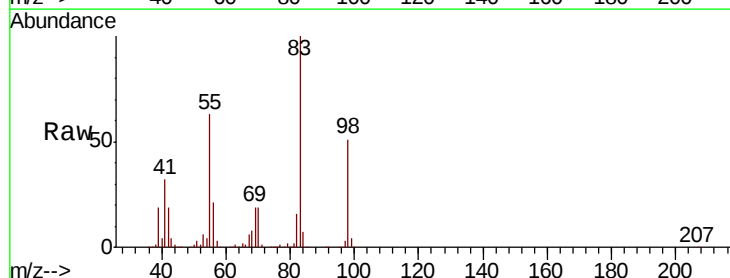
Instrument :
 MSVOA_X
 ClientSampleId :

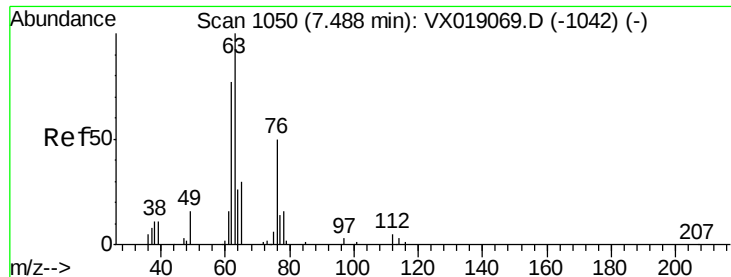
Tot Ion:130 Resp: 177113
 Ion Ratio Lower Upper
 130 100
 95 96.0 76.8 115.2



#38
 Methylcyclohexane
 Concen: 52.804 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion: 83 Resp: 233234
 Ion Ratio Lower Upper
 83 100
 55 64.5 32.3 96.8
 98 50.7 25.7 77.1

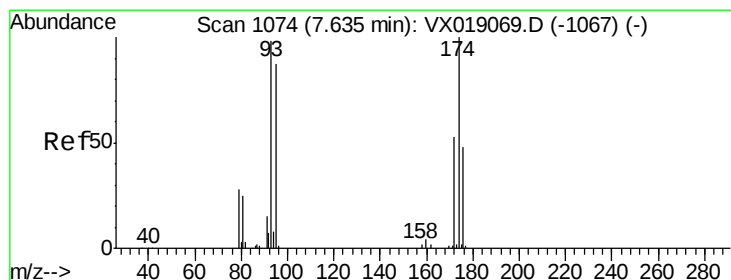
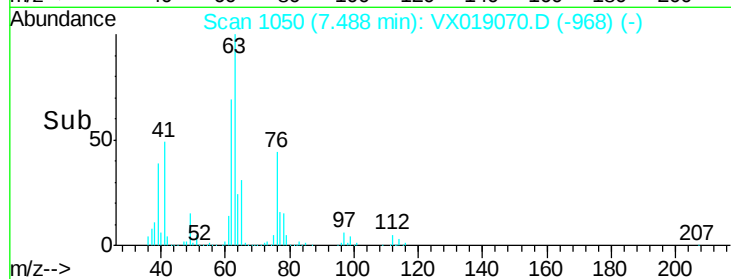
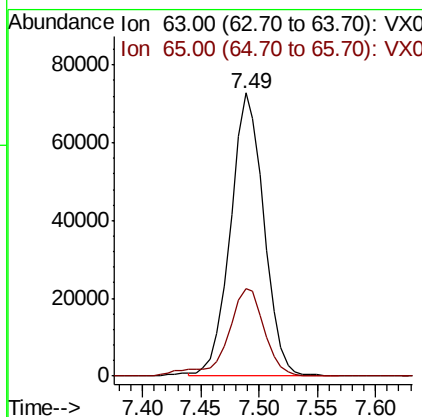
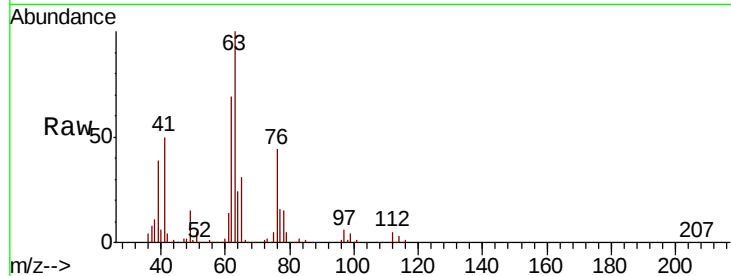




#39
 1,2-Dichloropropane
 Concen: 53.623 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

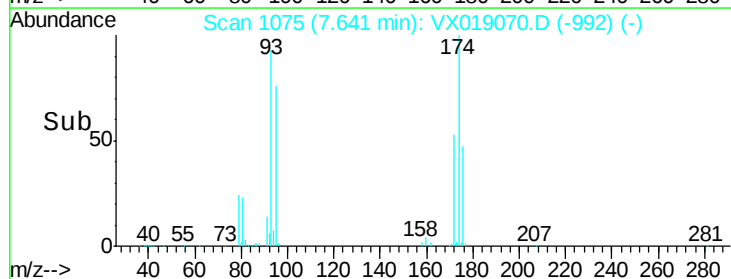
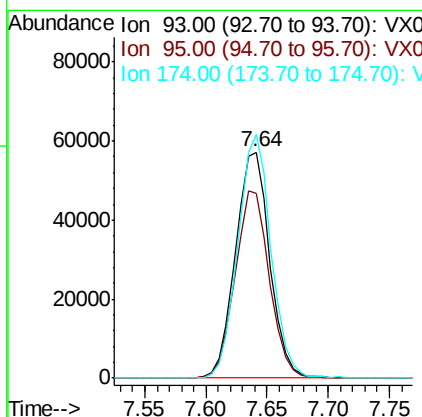
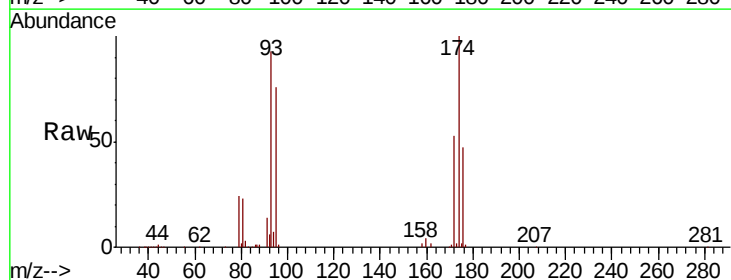
Instrument :
 MSVOA_X
 ClientSampled :

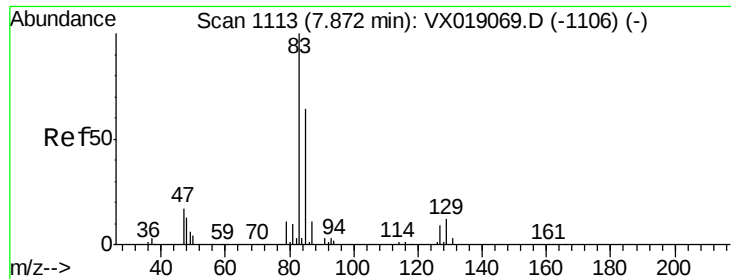
Tot Ion: 63 Resp: 144320
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.8 38.8



#40
 Dibromomethane
 Concen: 53.105 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion: 93 Resp: 110922
 Ion Ratio Lower Upper
 93 100
 95 83.0 0.0 169.0
 174 104.3 0.0 205.4





#41

Bromodichloromethane

Concen: 53.827 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

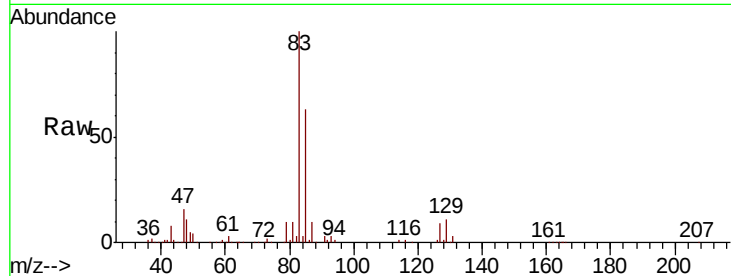
Tot Ion: 83 Resp: 222278

Ion Ratio Lower Upper

83 100

85 63.4 51.2 76.8

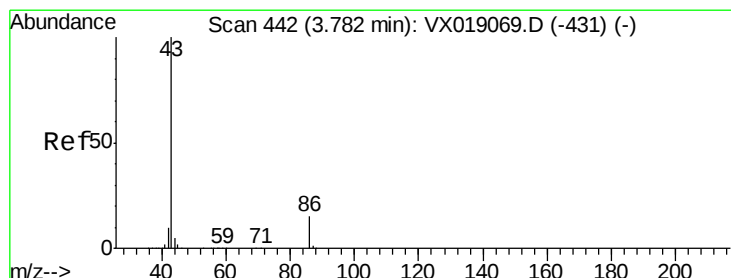
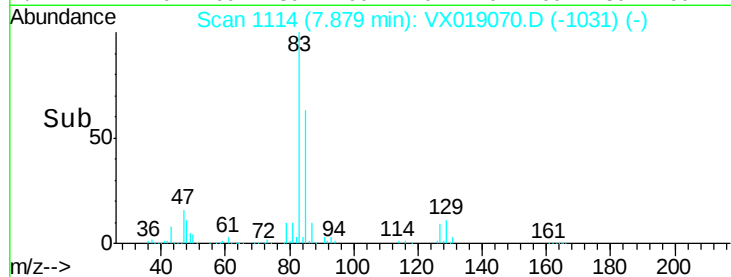
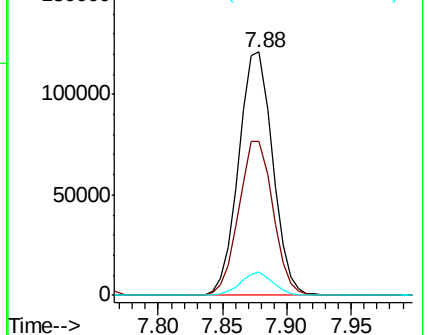
127 9.4 7.1 10.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 265.410 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019070.D

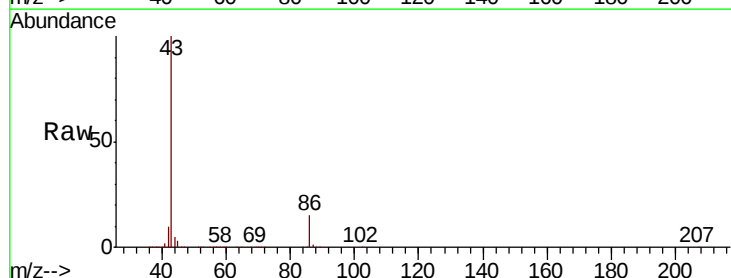
Acq: 23 Oct 2020 10:38

Tgt Ion: 43 Resp: 1621163

Ion Ratio Lower Upper

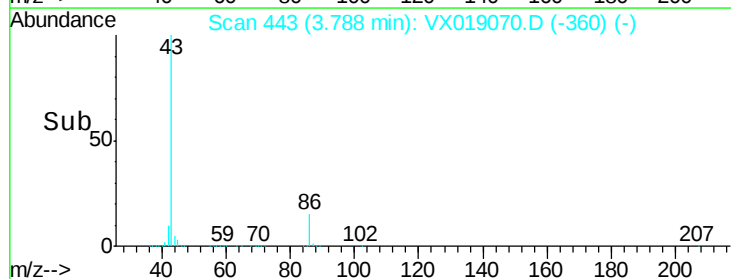
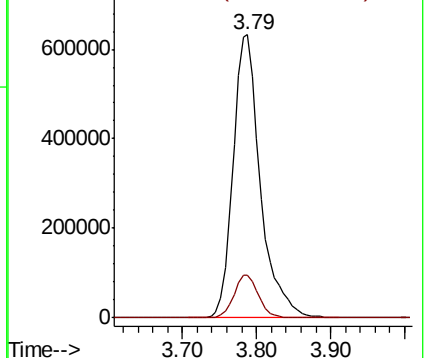
43 100

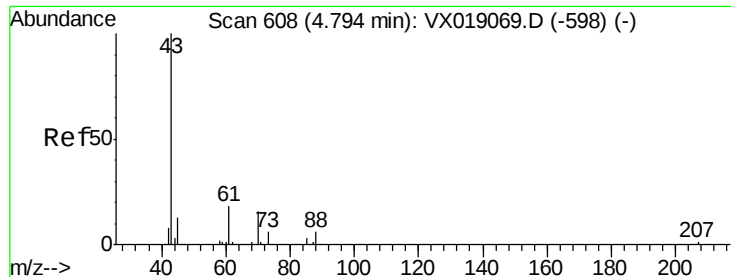
86 13.6 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

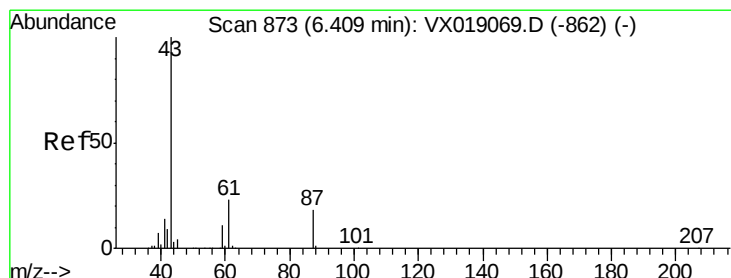
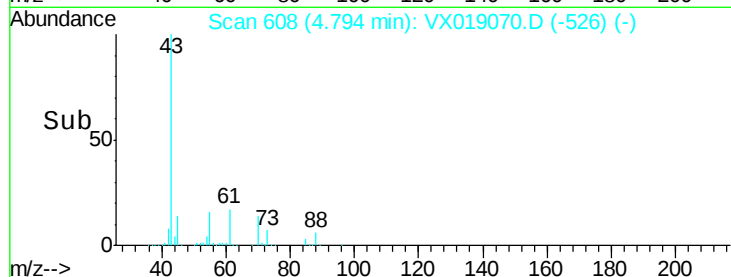
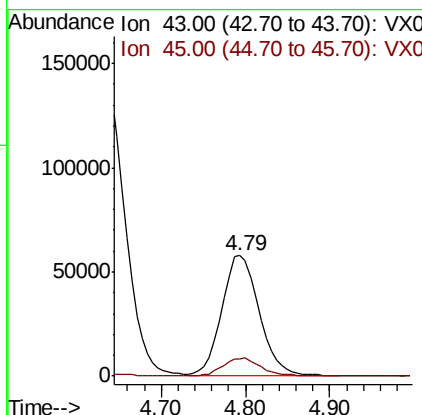
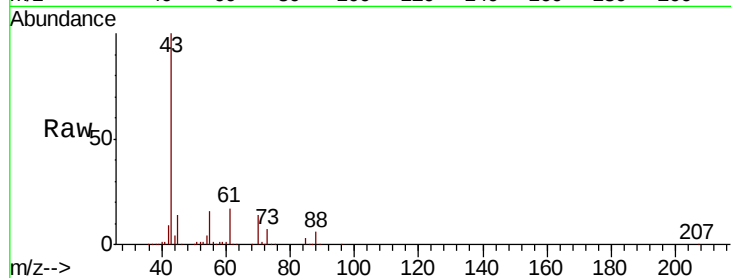




#43
Ethyl Acetate
Concen: 53.148 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

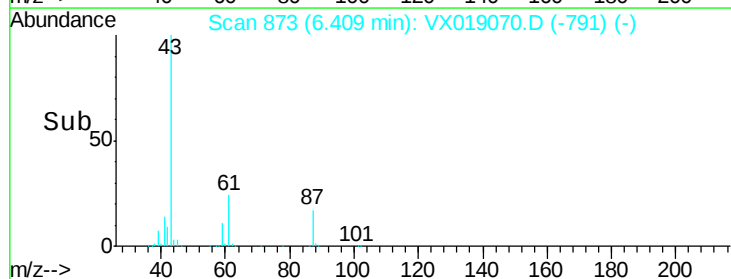
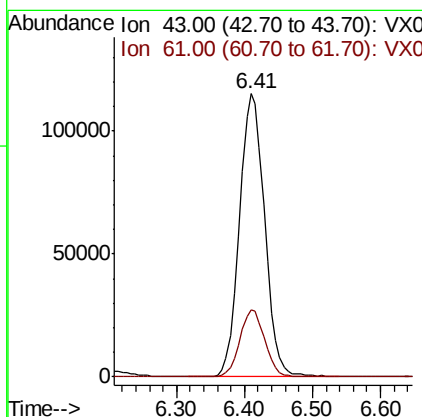
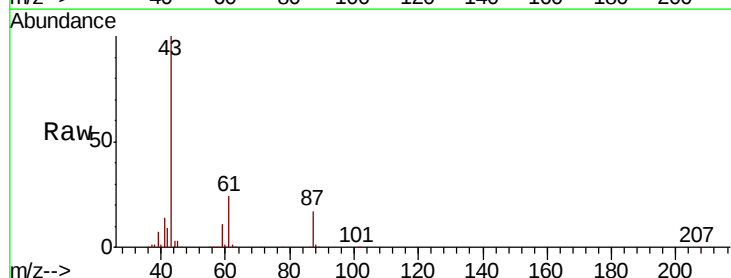
Instrument :
MSVOA_X
ClientSampled :

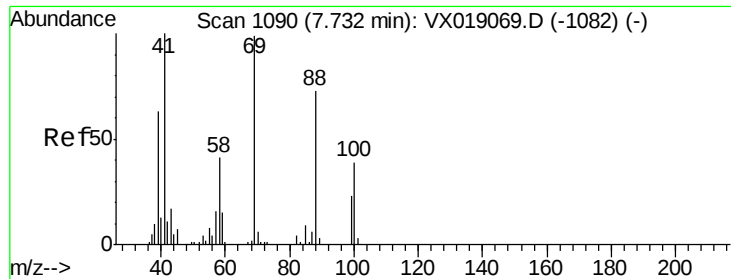
Tot Ion: 43 Resp: 175027
Ion Ratio Lower Upper
43 100
45 15.1 12.7 19.1



#44
Isopropyl Acetate
Concen: 53.514 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion: 43 Resp: 295106
Ion Ratio Lower Upper
43 100
61 23.5 19.1 28.7





#45

1,4-Dioxane

Concen: 1039.974 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampled :

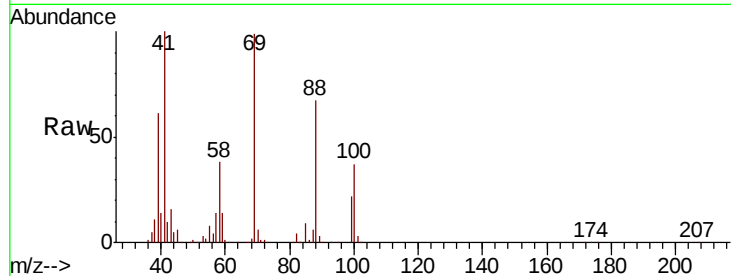
Tot Ion: 88 Resp: 60281

Ion Ratio Lower Upper

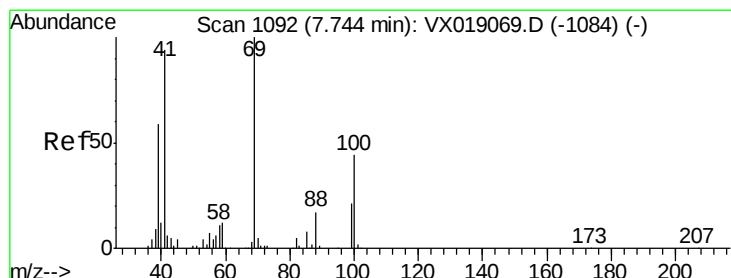
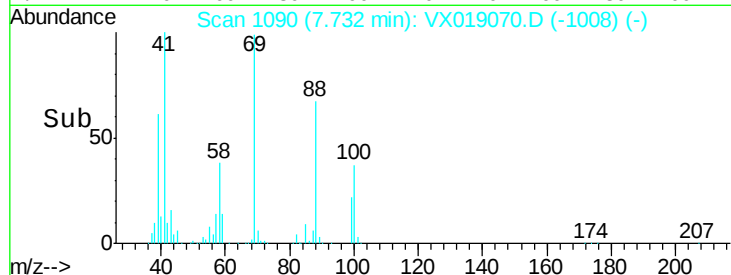
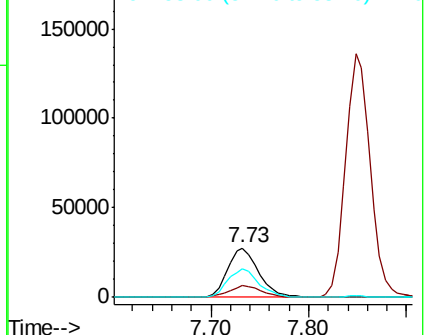
88 100

43 25.2 20.5 30.7

58 58.6 47.4 71.2



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



#46

Methyl methacrylate

Concen: 53.836 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

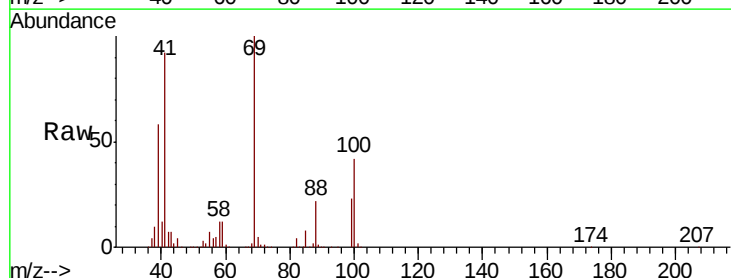
Tgt Ion: 41 Resp: 140516

Ion Ratio Lower Upper

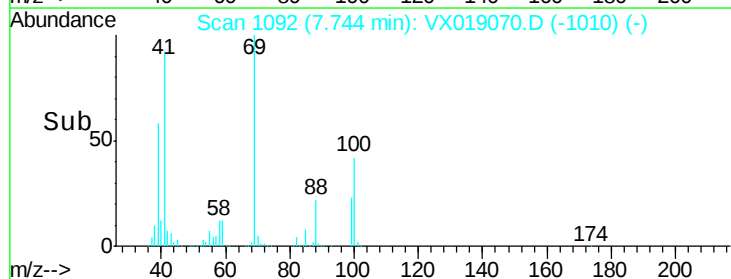
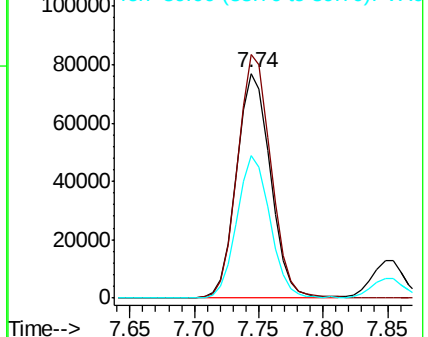
41 100

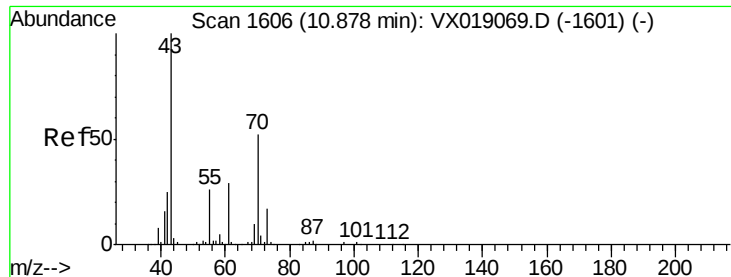
69 108.3 53.1 159.4

39 63.1 31.3 93.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

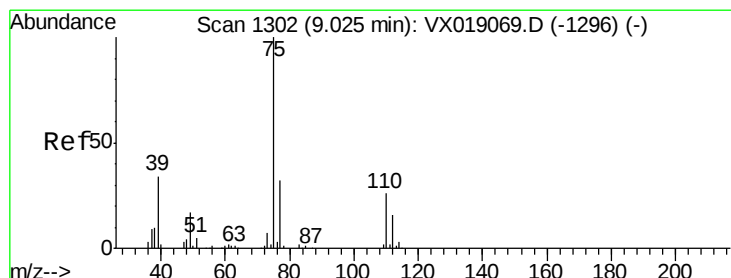
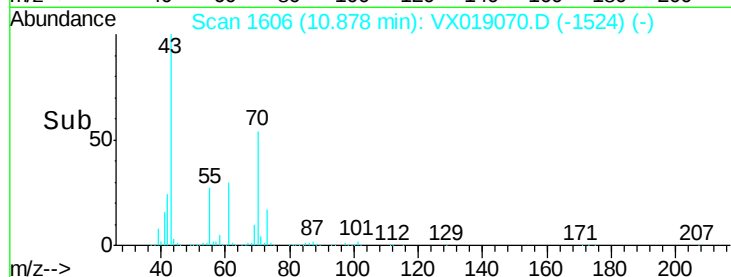
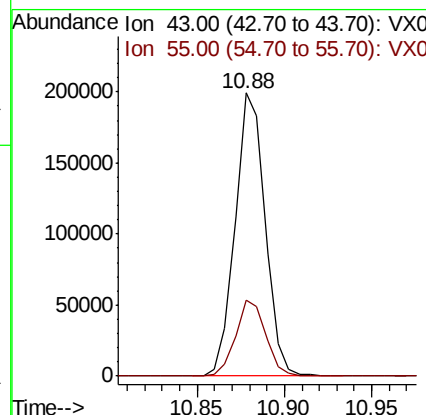
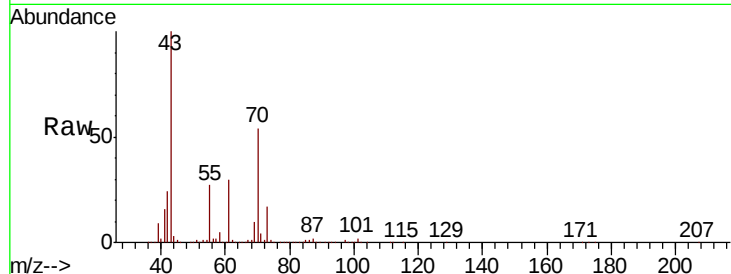




#47
 n-amvl Acetate
 Concen: 53.682 ug/l
 RT: 10.88 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

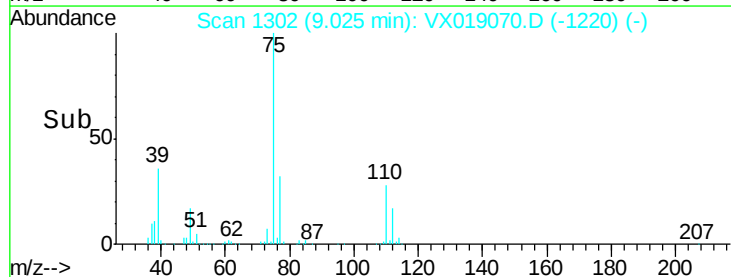
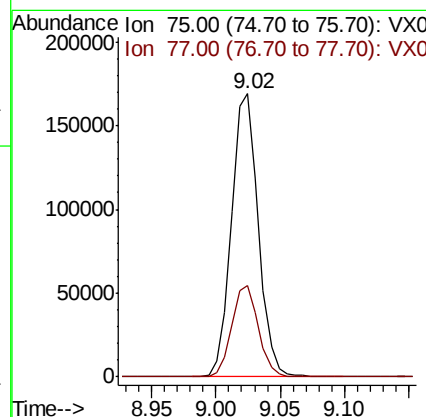
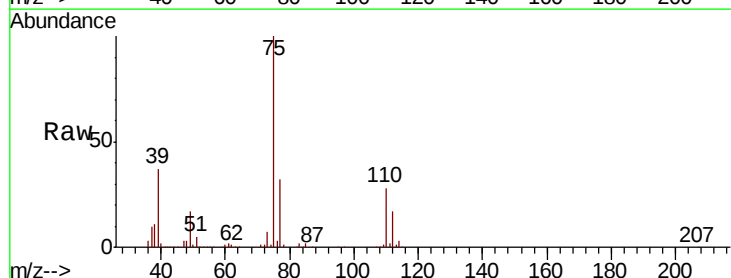
Instrument :
 MSVOA_X
 ClientSampleId :

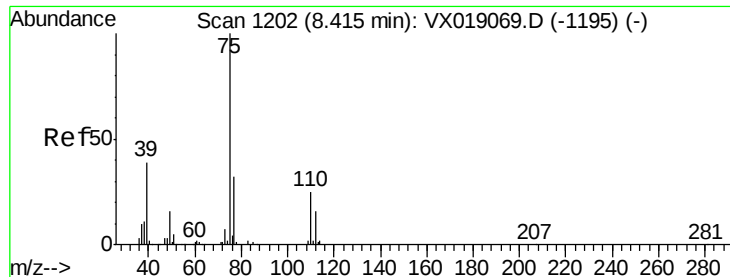
Tot Ion: 43 Resp: 237458
 Ion Ratio Lower Upper
 43 100
 55 27.2 21.5 32.3



#48
 t-1,3-Dichloropropene
 Concen: 53.591 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion: 75 Resp: 247752
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.3 37.9



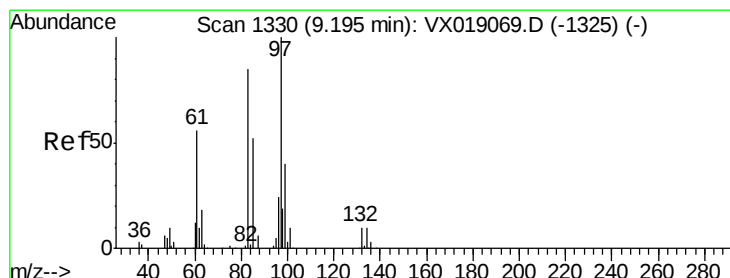
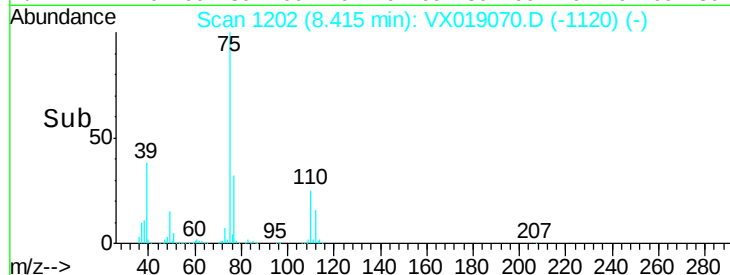
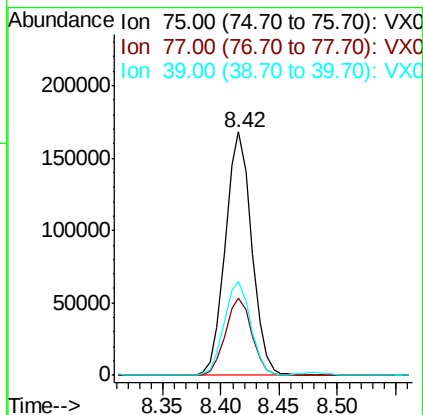
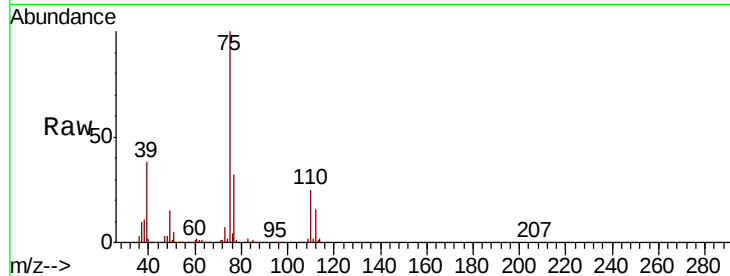


#49

cis-1,3-Dichloropropene
 Concen: 53.778 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Instrument :
 MSVOA_X
 ClientSampleId :

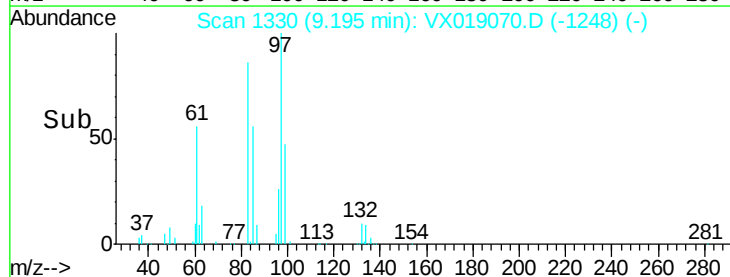
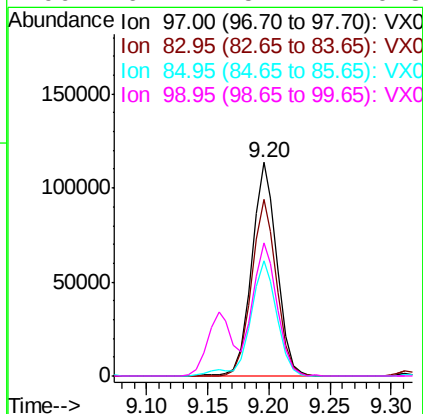
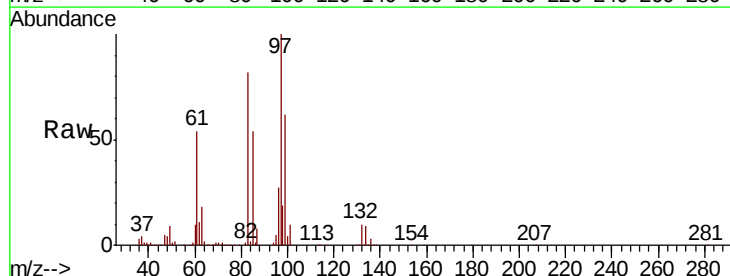
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.8	38.8
39	38.3	31.0	46.6

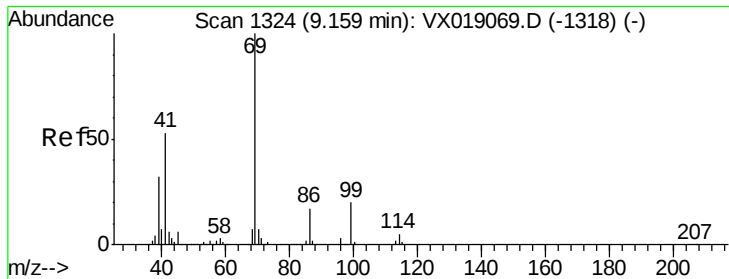


#50

1,1,2-Trichloroethane
 Concen: 53.810 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.8	101.6
85	53.9	43.5	65.3
99	62.4	51.2	76.8





#51

Ethyl methacrylate

Concen: 54.604 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

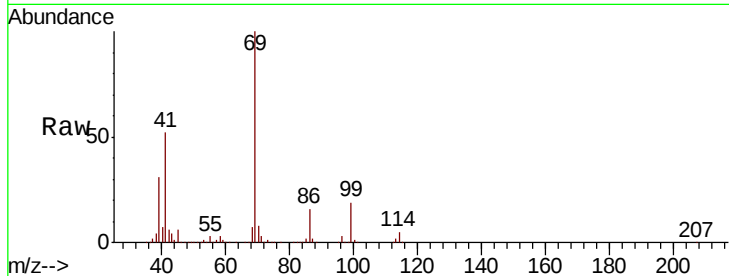
Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

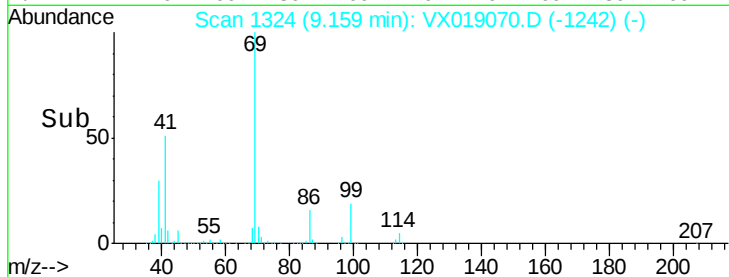
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 69 Resp: 241046

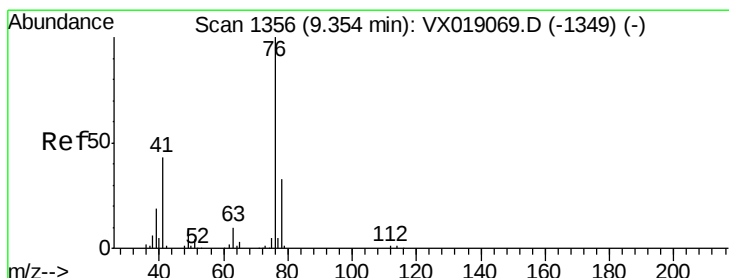
Ion	Ratio	Lower	Upper
69	100		
41	52.0	26.5	79.4
39	30.9	16.2	48.6



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



Time-->



#52

1,3-Dichloropropane

Concen: 53.399 ug/l

RT: 9.35 min Scan# 1356

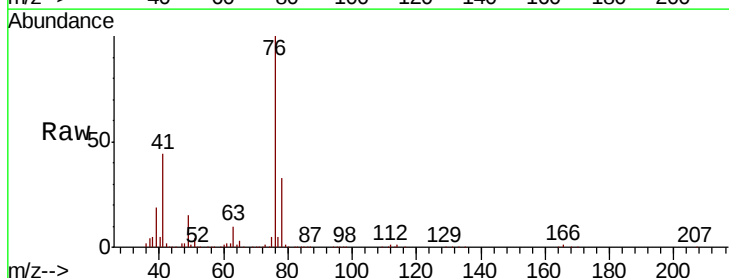
Delta R.T. 0.00 min

Lab File: VX019070.D

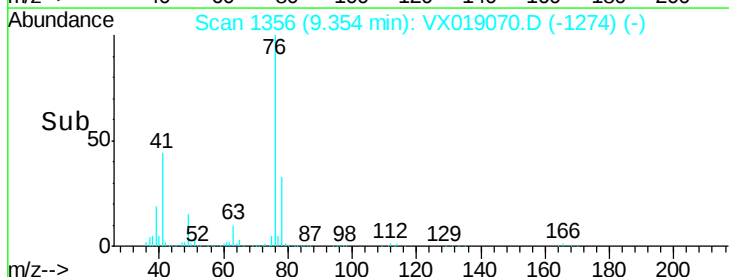
Acq: 23 Oct 2020 10:38

Tgt Ion: 76 Resp: 263180

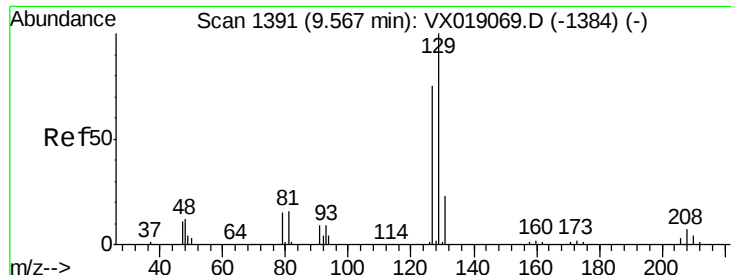
Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0



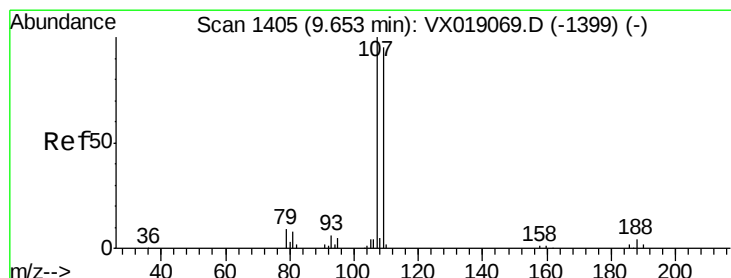
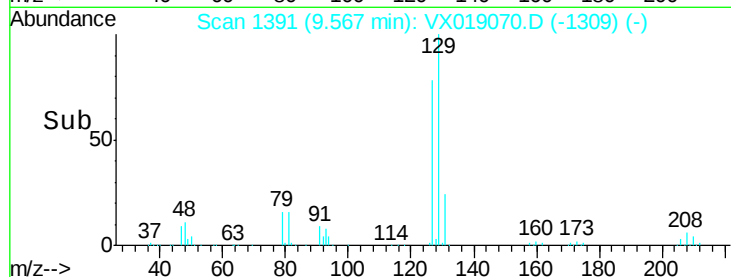
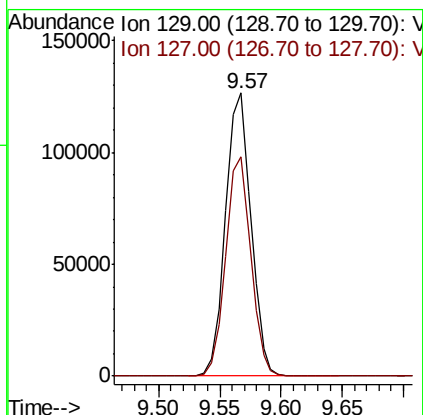
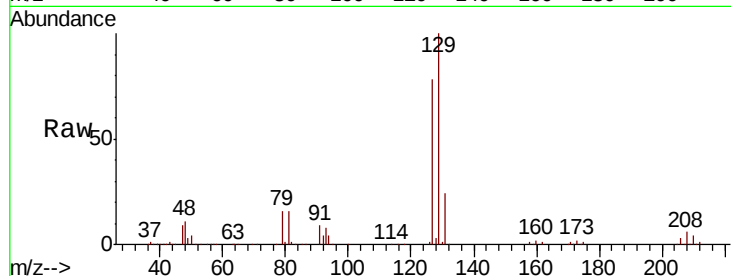
Ion 78.00 (77.70 to 78.70): VX0



#53
 Dibromochloromethane
 Concen: 54.129 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

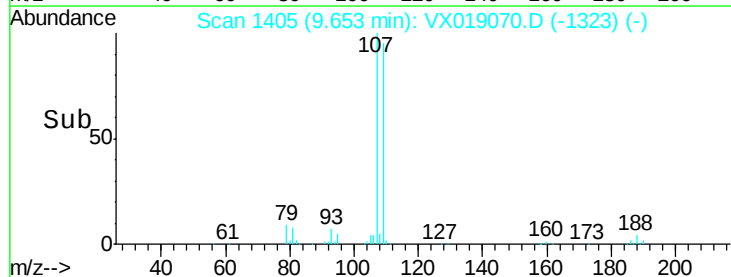
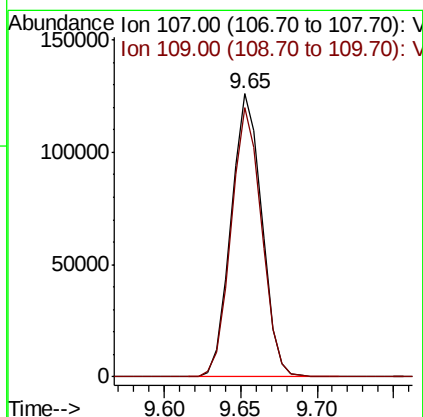
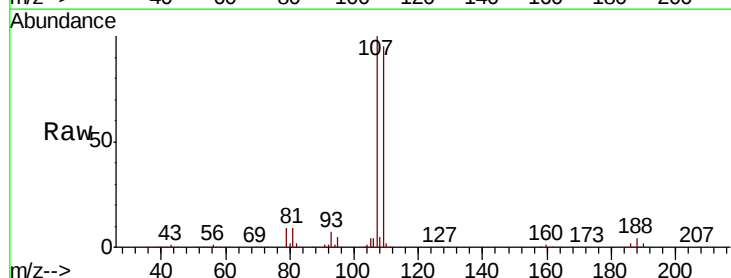
Instrument :
 MSVOA_X
 ClientSampleId :

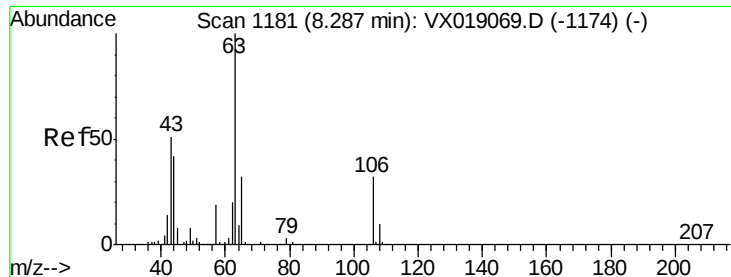
Tot Ion:129 Resp: 182298
 Ion Ratio Lower Upper
 129 100
 127 76.4 38.4 115.1



#54
 1,2-Dibromoethane
 Concen: 53.342 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion:107 Resp: 175357
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.6 112.0

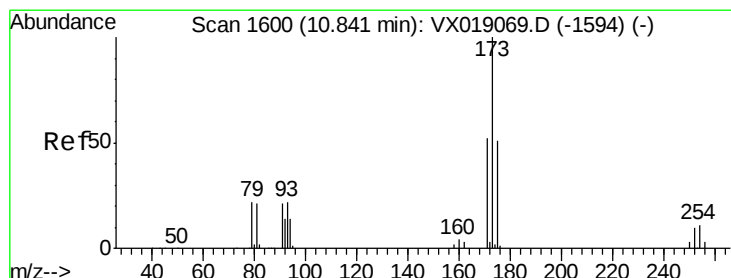
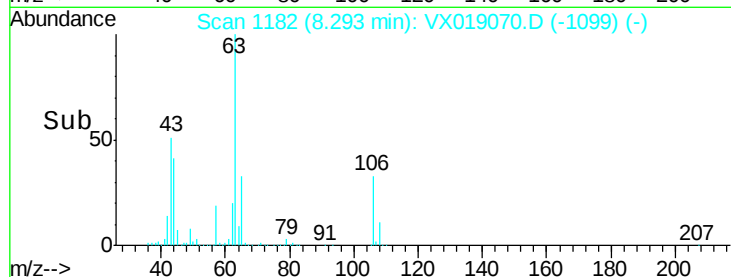
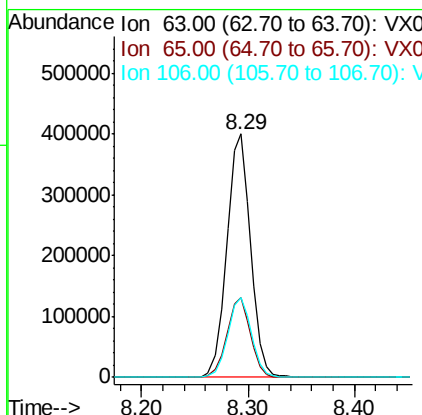
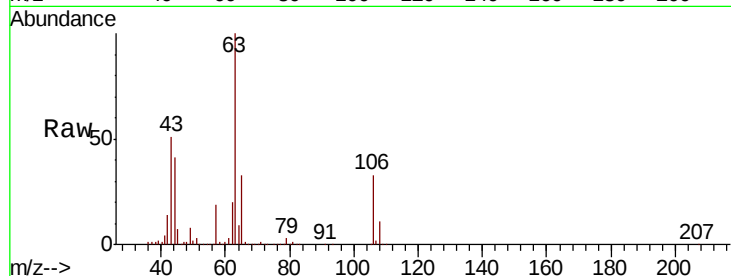




#55
2-Chloroethyl vinyl ether
Concen: 264.284 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

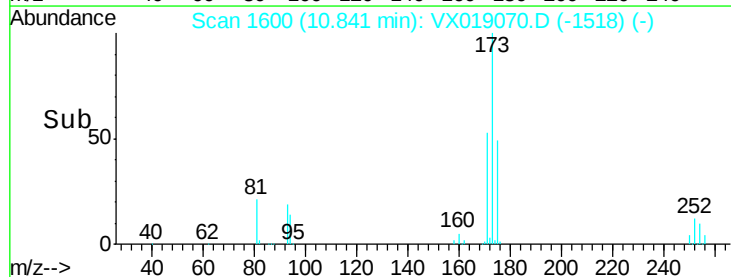
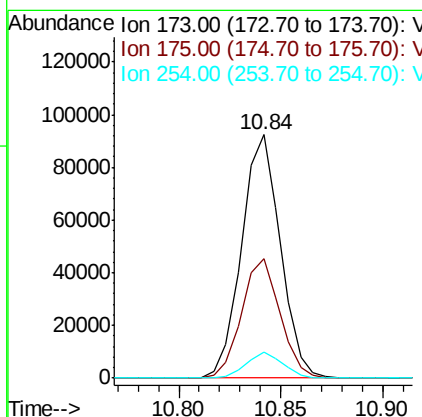
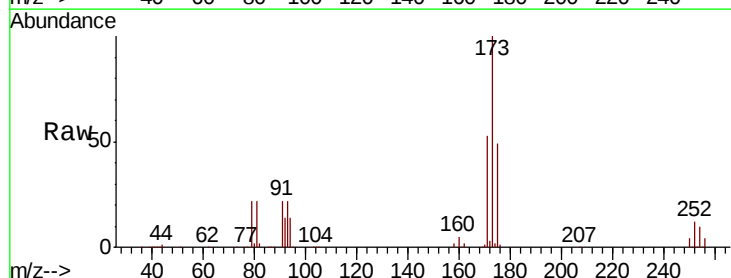
Instrument :
MSVOA_X
ClientSampleId :

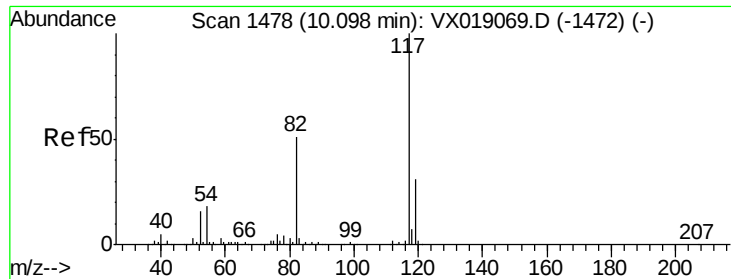
Tot Ion: 63 Resp: 623485
Ion Ratio Lower Upper
63 100
65 32.6 26.0 39.0
106 32.6 25.9 38.9



#56
Bromoform
Concen: 51.732 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion: 173 Resp: 121802
Ion Ratio Lower Upper
173 100
175 48.9 39.6 59.4
254 10.3 8.6 13.0

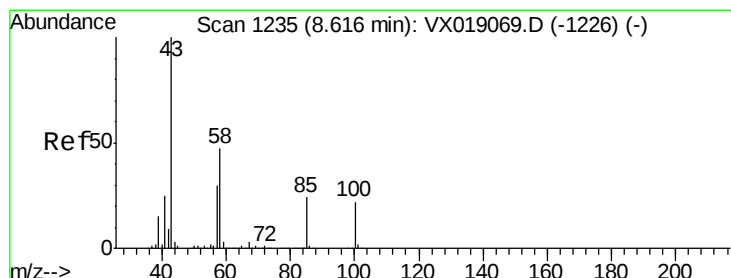
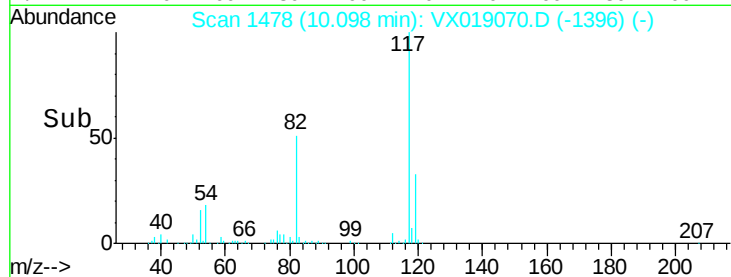
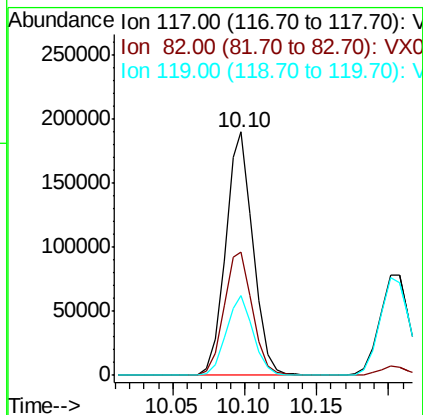
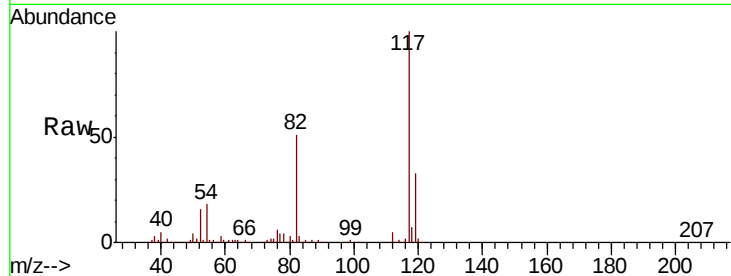




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

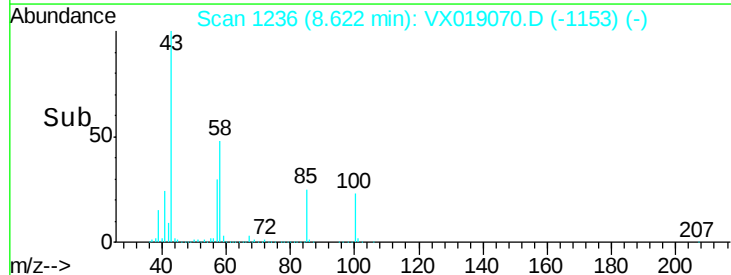
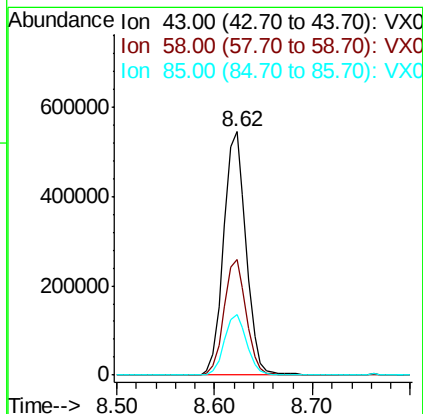
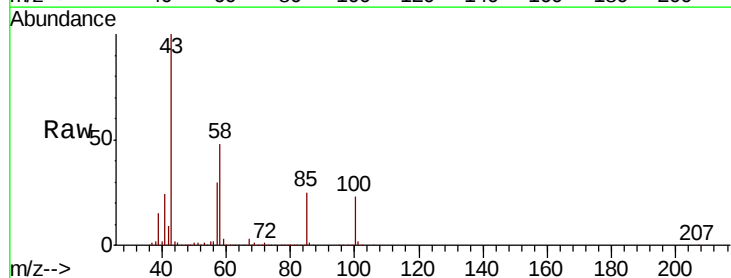
Instrument :
MSVOA_X
ClientSampled :

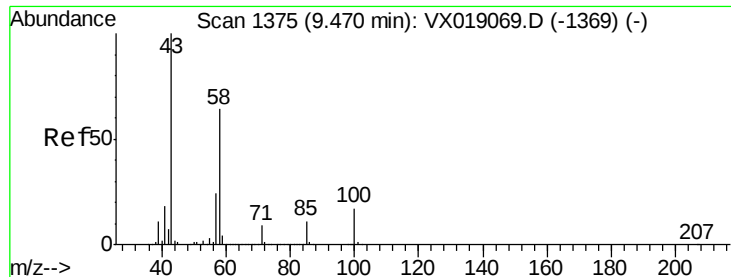
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.5	63.7
119	32.4	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 271.399 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.0	37.6	56.4
85	24.7	19.4	29.2

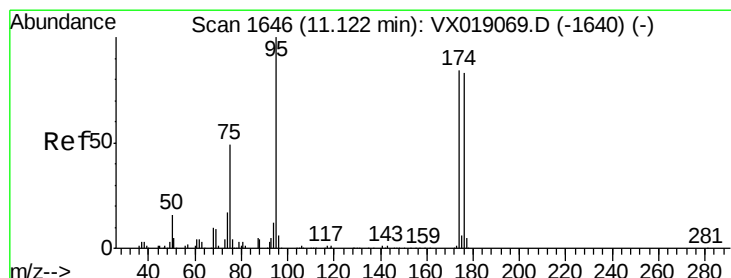
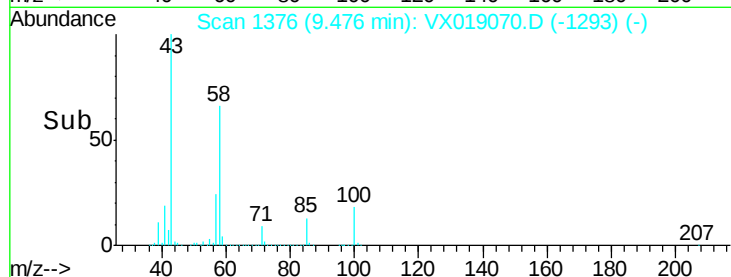
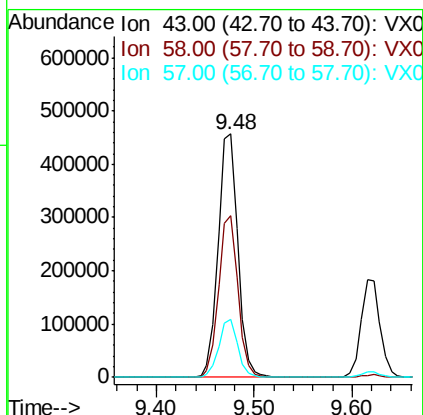
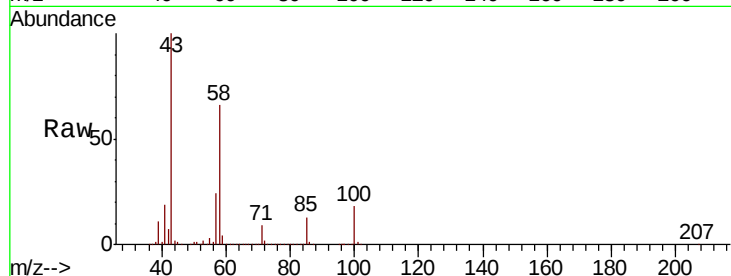




#59
2-Hexanone
Concen: 268.582 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

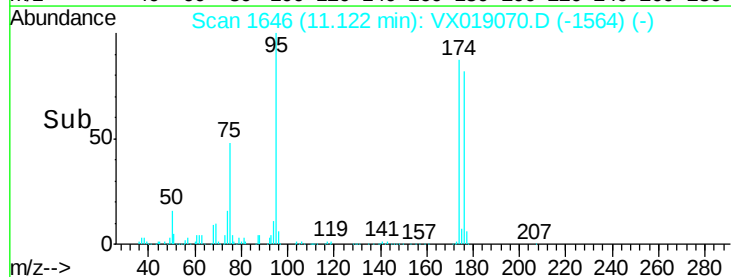
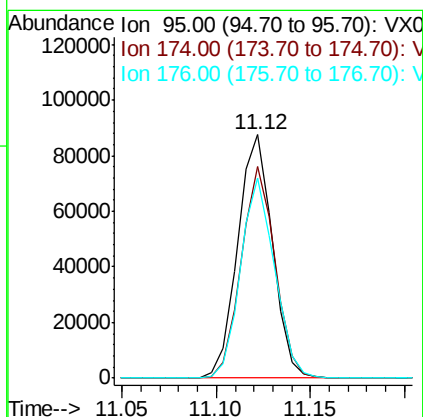
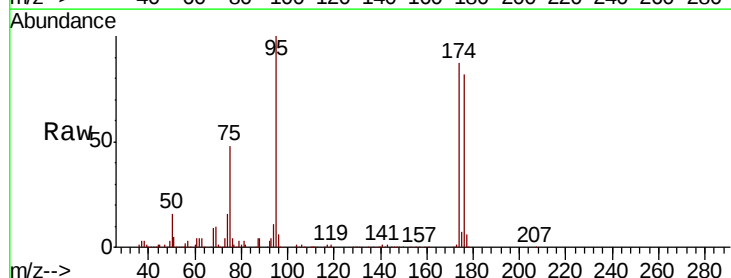
Instrument :
MSVOA_X
ClientSampleId :

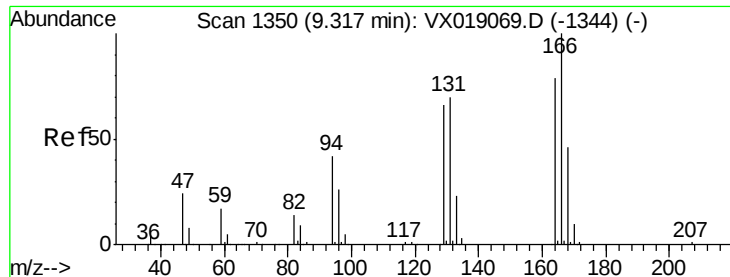
Tot Ion	Ratio	Lower	Upper
43	100		
58	65.5	51.9	77.9
57	22.9	18.2	27.4



#60
4-Bromofluorobenzene
Concen: 29.392 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.5	66.3	99.5
176	80.6	65.5	98.3

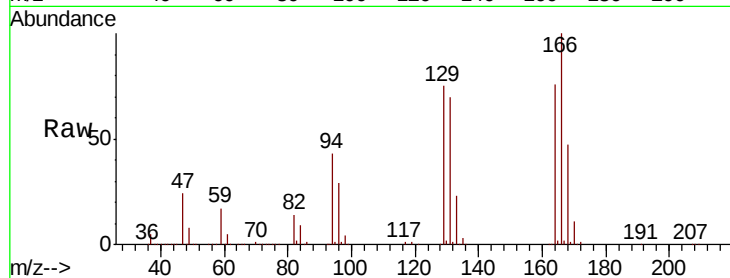




#61
Tetrachloroethene
Concen: 52.407 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.7	101.9	152.9
129	98.3	67.0	100.6
131	92.3	71.1	106.7



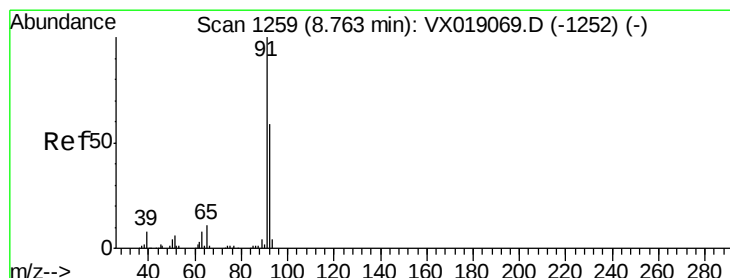
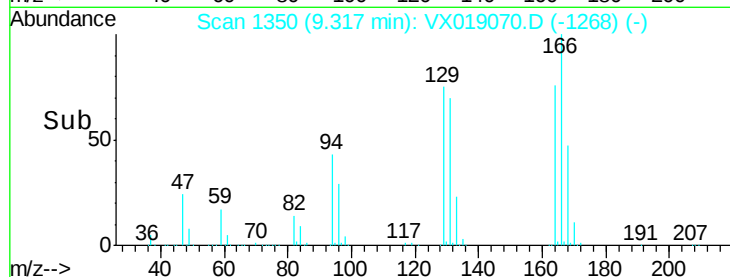
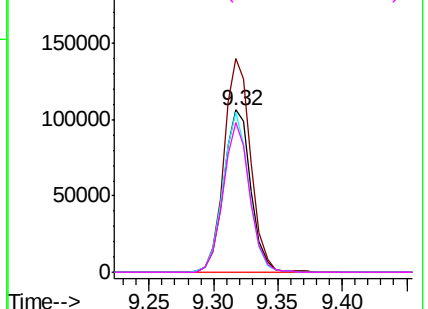
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

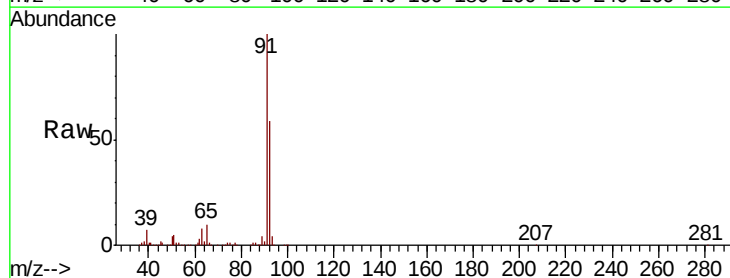
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62
Toluene
Concen: 52.518 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

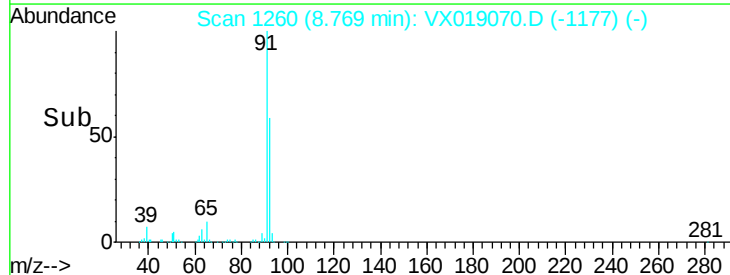
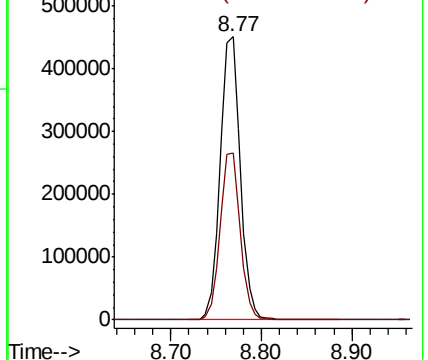
Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.1	47.3	70.9

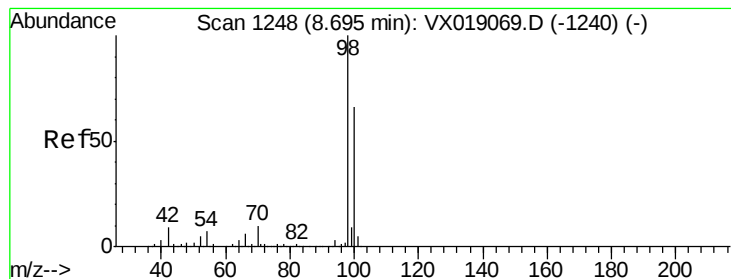


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.993 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

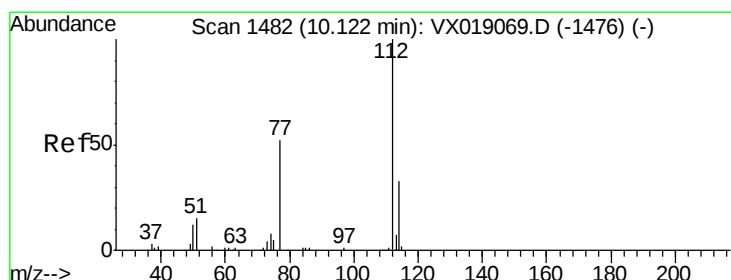
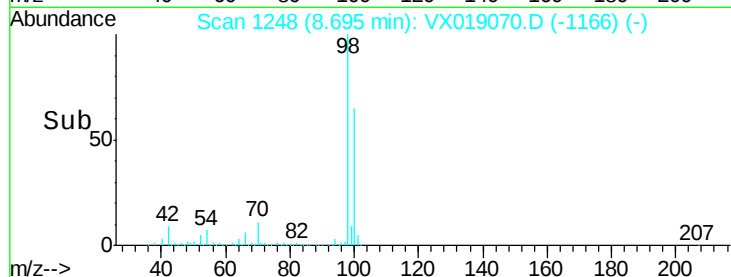
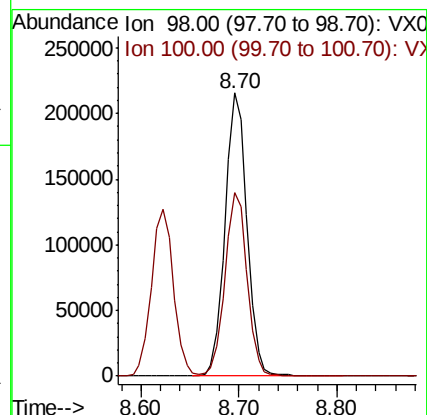
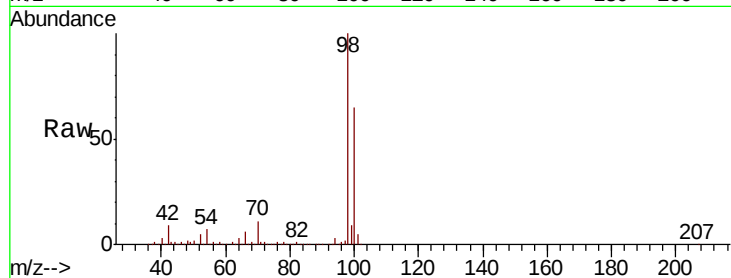
ClientSampleId :

Tot Ion: 98 Resp: 335555

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4



#64

Chlorobenzene

Concen: 52.913 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019070.D

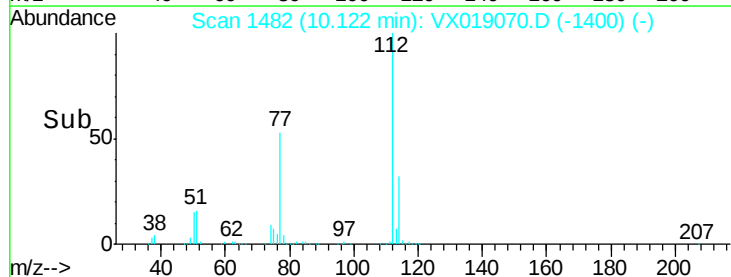
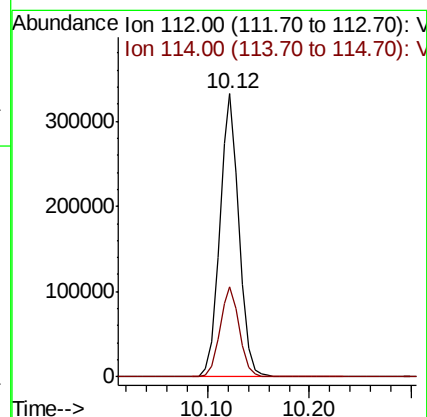
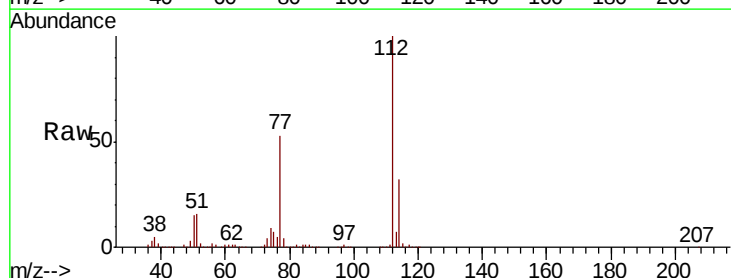
Acq: 23 Oct 2020 10:38

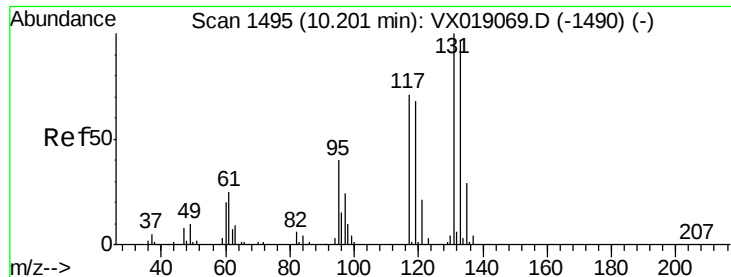
Tgt Ion: 112 Resp: 438049

Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 52.886 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

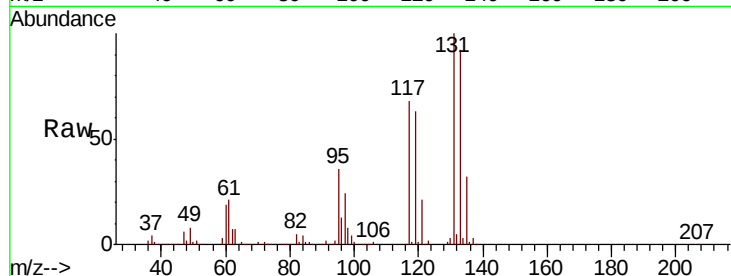
Tot Ion:131 Resp: 159232

Ion Ratio Lower Upper

131 100

133 95.3 0.0 191.6

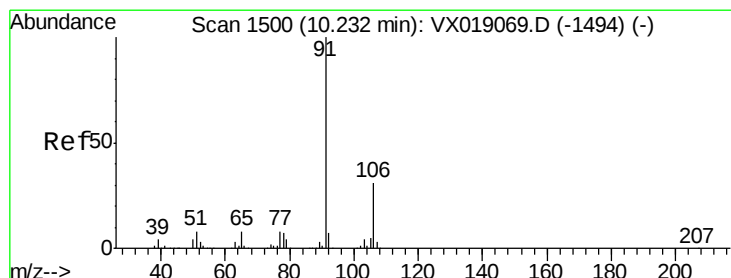
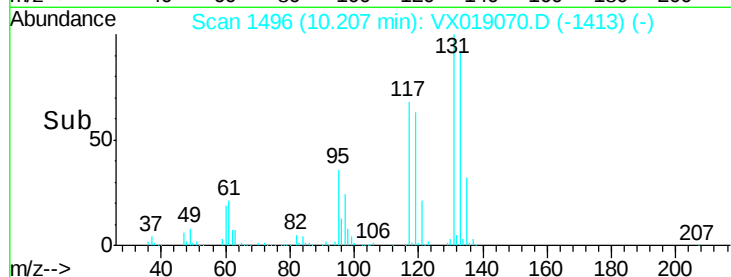
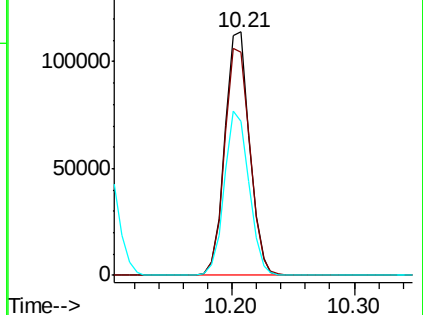
119 66.9 0.0 130.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 52.149 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019070.D

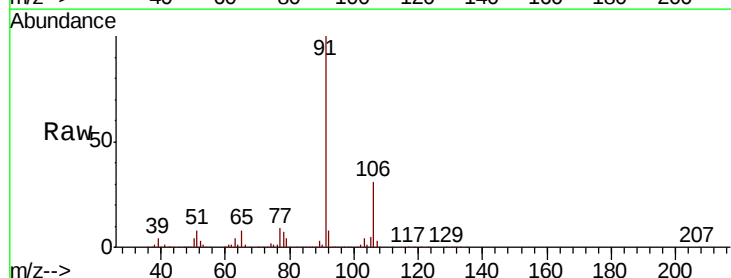
Acq: 23 Oct 2020 10:38

Tgt Ion: 91 Resp: 761430

Ion Ratio Lower Upper

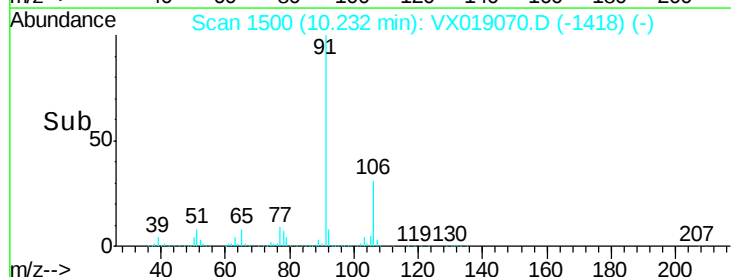
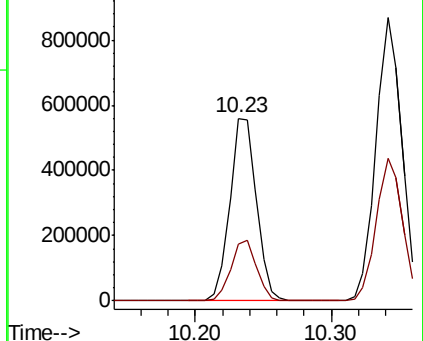
91 100

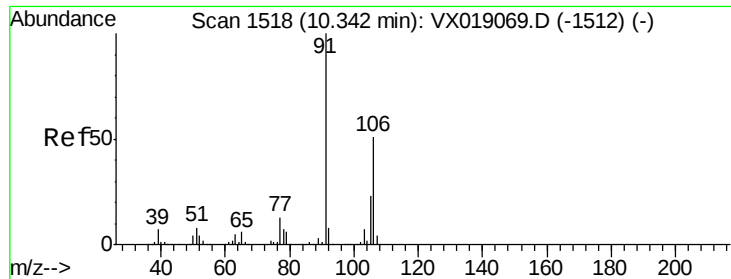
106 31.2 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

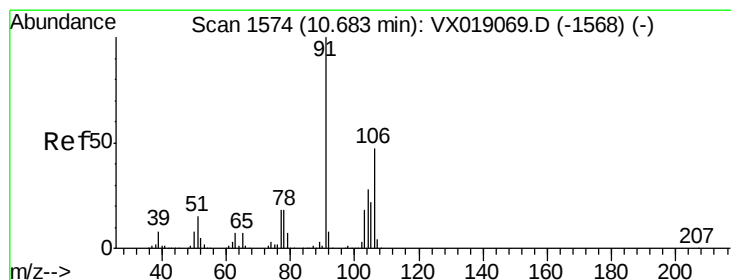
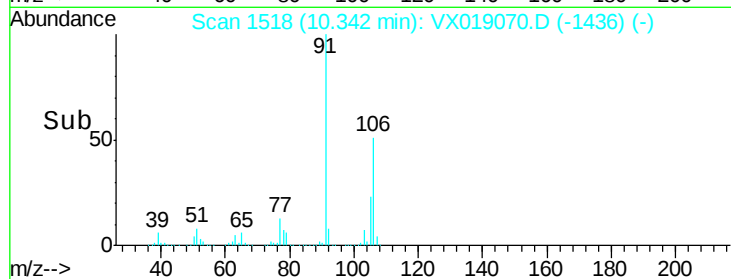
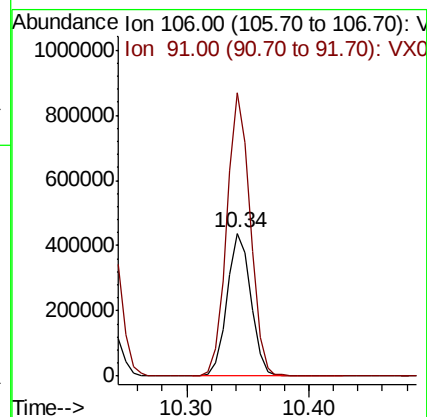
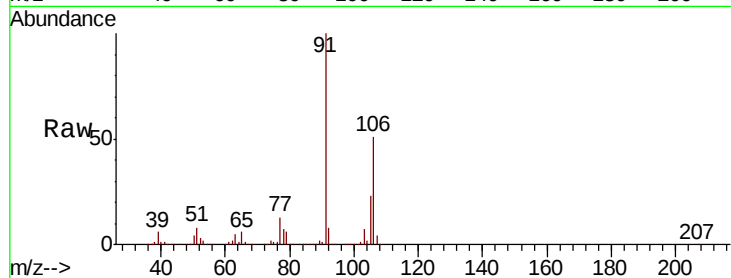




#67
m/p-Xylenes
Concen: 105.729 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

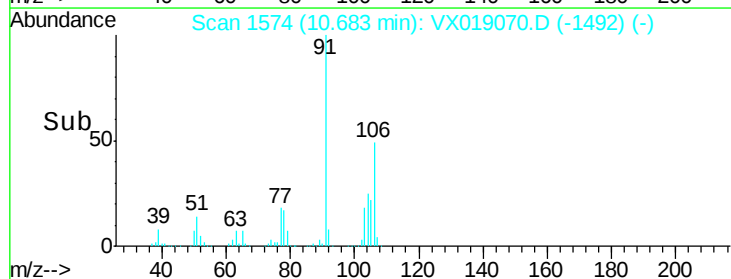
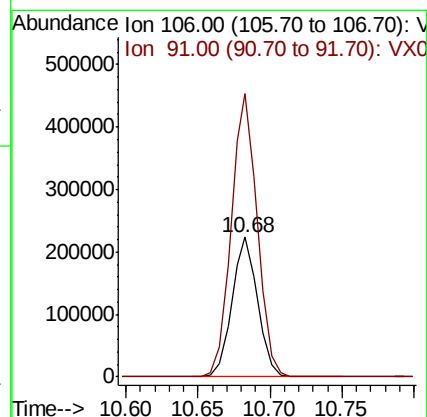
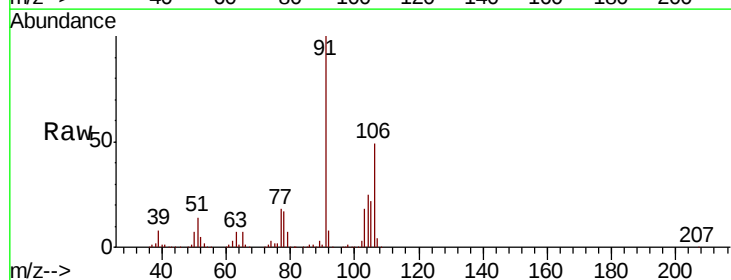
Instrument :
MSVOA_X
ClientSampleId :

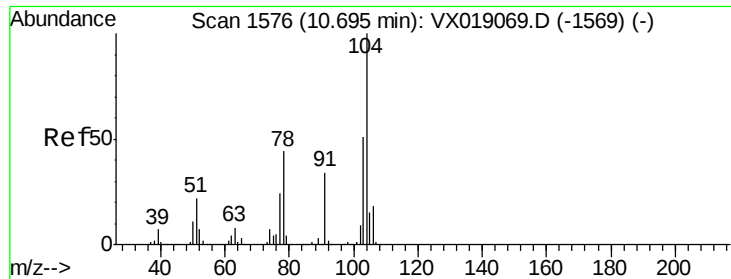
Tot Ion:106 Resp: 588731
Ion Ratio Lower Upper
106 100
91 195.6 157.5 236.3



#68
o-Xylene
Concen: 52.680 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion:106 Resp: 279769
Ion Ratio Lower Upper
106 100
91 205.3 103.8 311.4

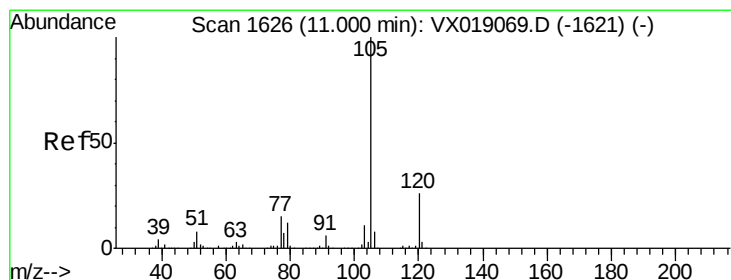
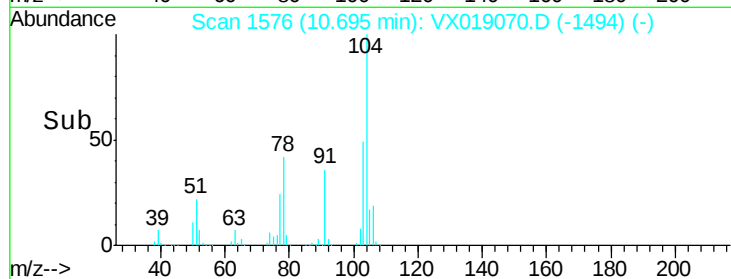
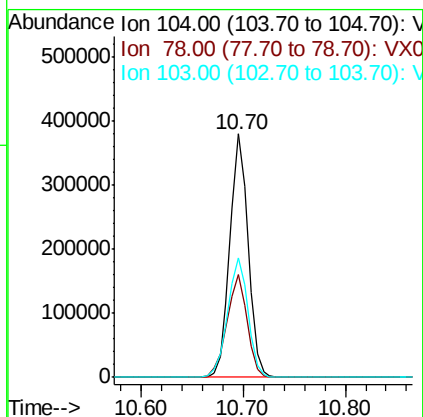
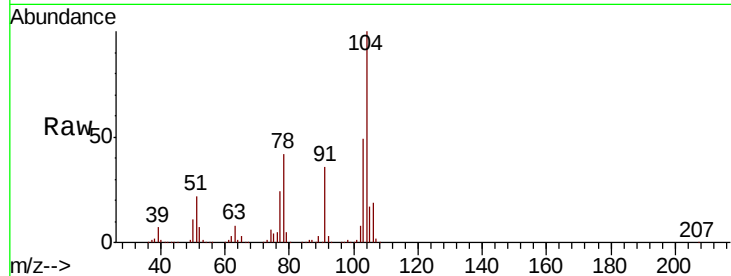




#69
Stvrene
Concen: 52.545 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

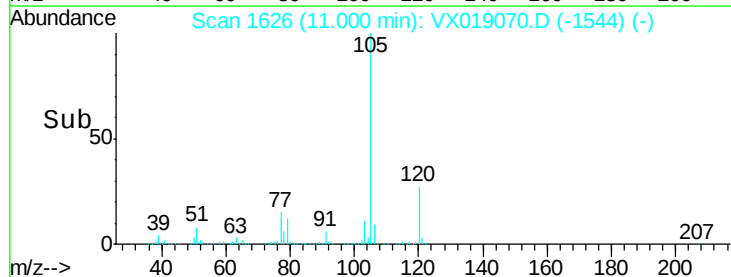
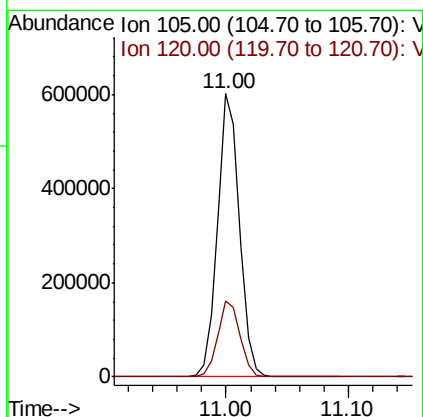
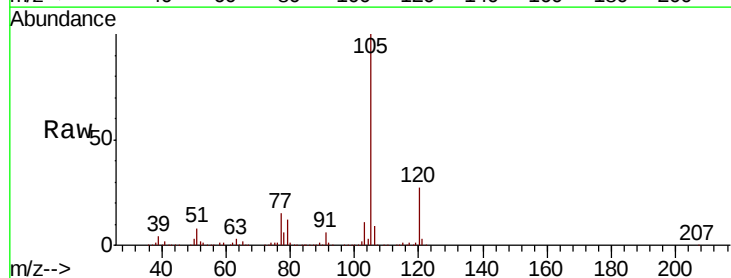
Instrument :
MSVOA_X
ClientSampled :

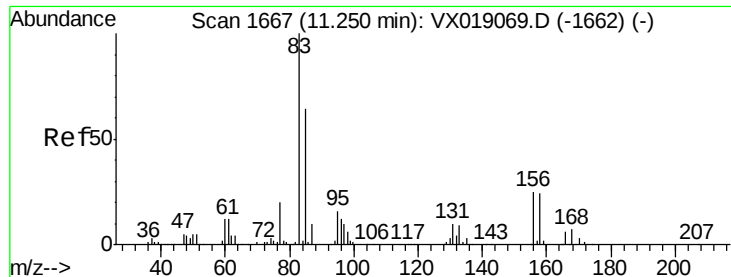
Tot Ion	Ratio	Lower	Upper
104	100		
78	46.7	38.6	58.0
103	54.8	43.4	65.2



#70
Isopropylbenzene
Concen: 52.718 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	19.0	35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 52.063 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampled :

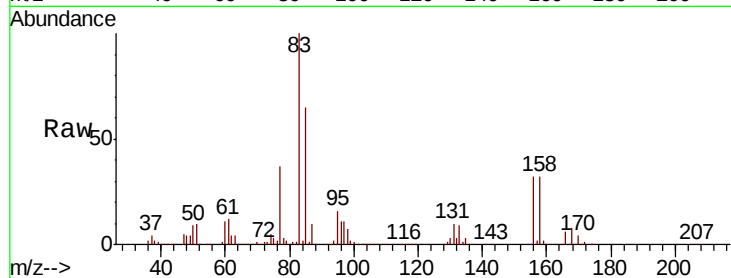
Tot Ion: 83 Resp: 214626

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

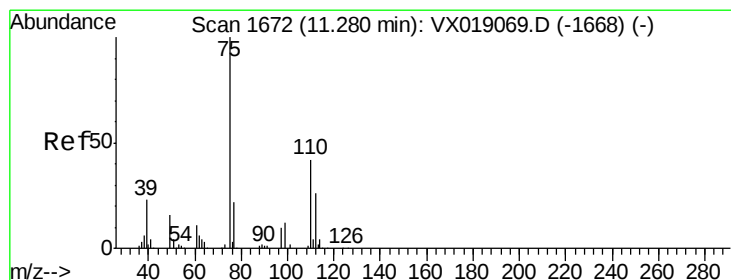
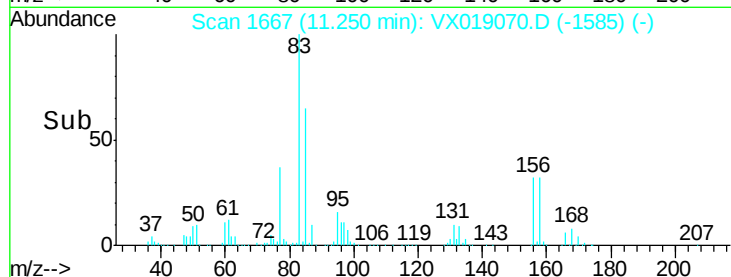
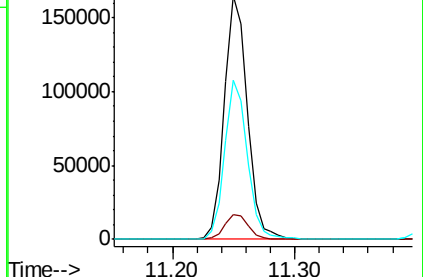
85 64.1 32.5 97.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 68.249 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019070.D

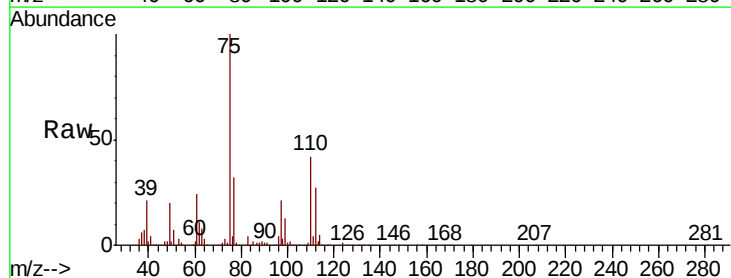
Acq: 23 Oct 2020 10:38

Tgt Ion: 75 Resp: 253011

Ion Ratio Lower Upper

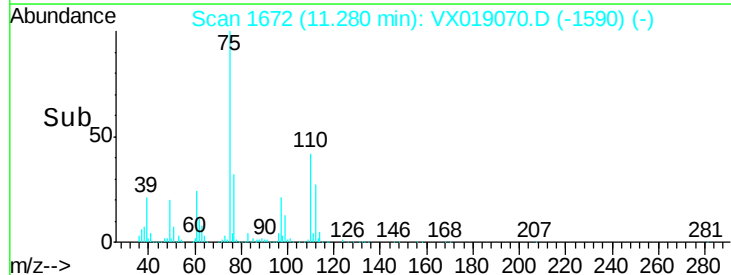
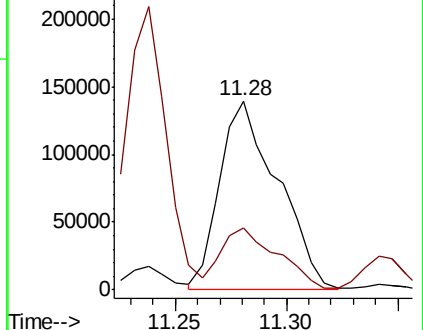
75 100

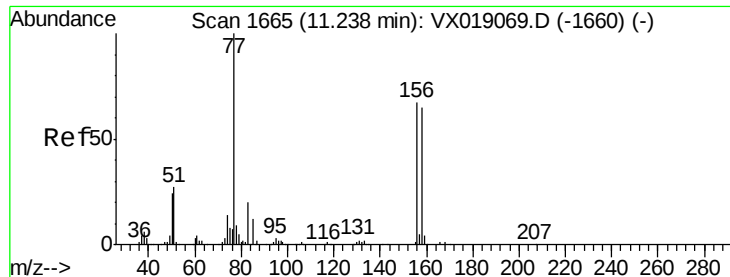
77 30.1 0.0 81.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 51.505 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

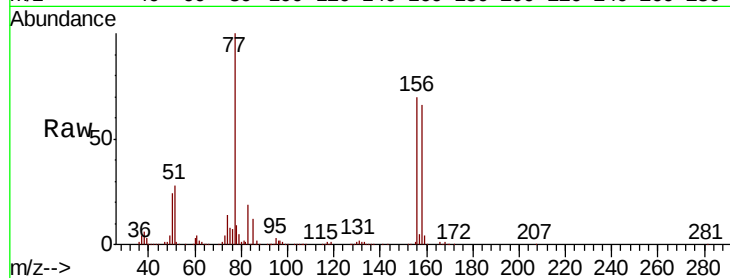
Tot Ion:156 Resp: 179743

Ion Ratio Lower Upper

156 100

77 148.0 0.0 299.6

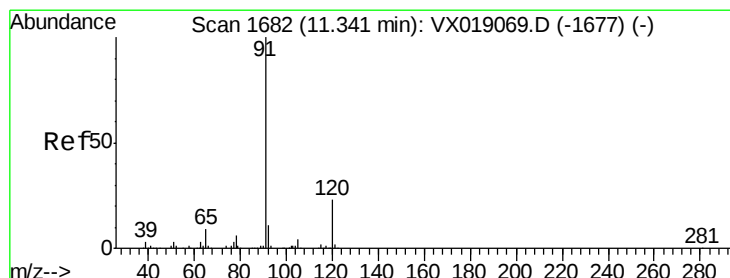
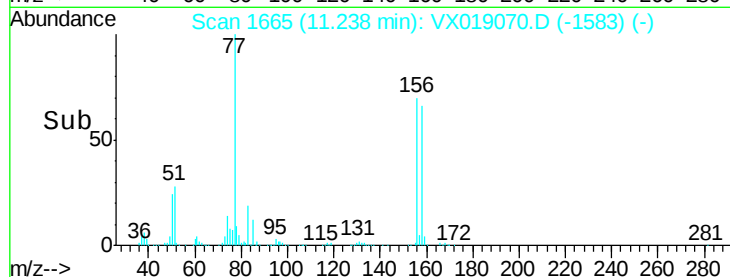
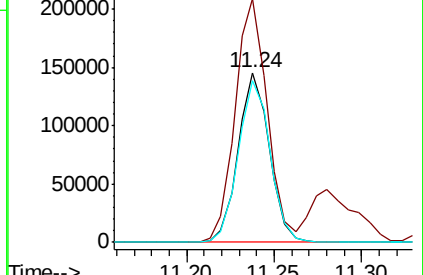
158 97.9 0.0 192.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 52.319 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019070.D

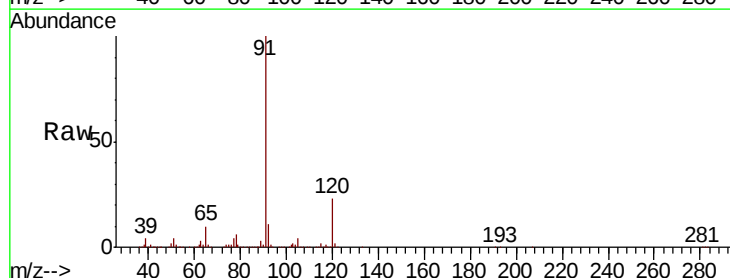
Acq: 23 Oct 2020 10:38

Tgt Ion: 91 Resp: 845925

Ion Ratio Lower Upper

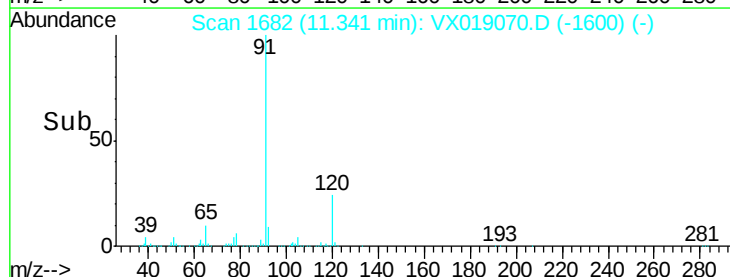
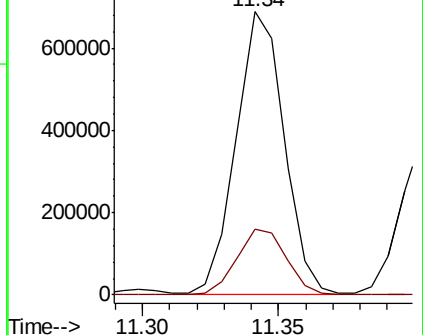
91 100

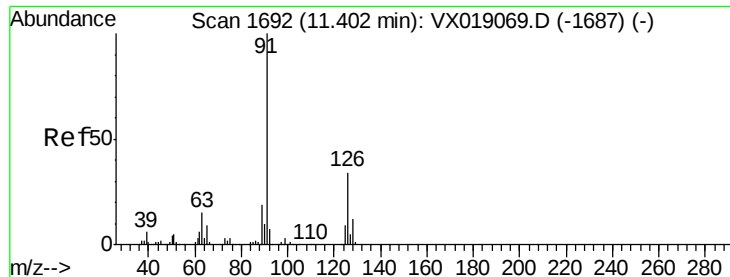
120 23.8 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 52.060 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

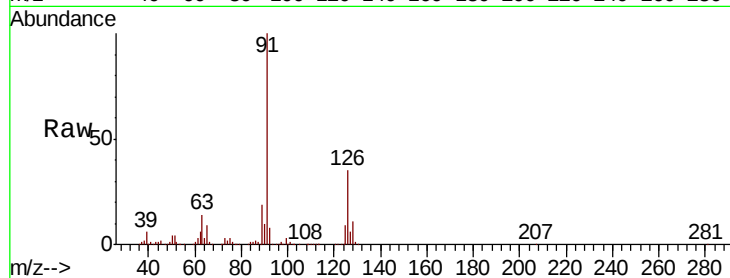
ClientSampleId :

Tot Ion: 91 Resp: 476126

Ion Ratio Lower Upper

91 100

126 34.8 0.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX019069.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX019069.D (-1687) (-)

800000

600000

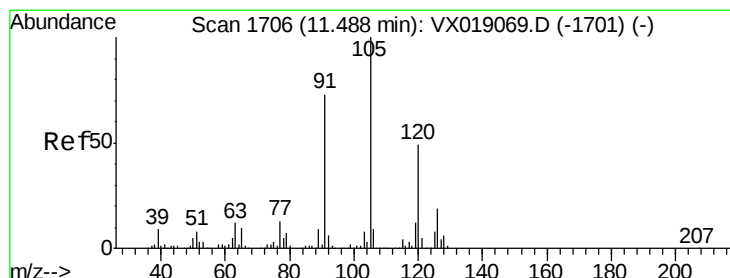
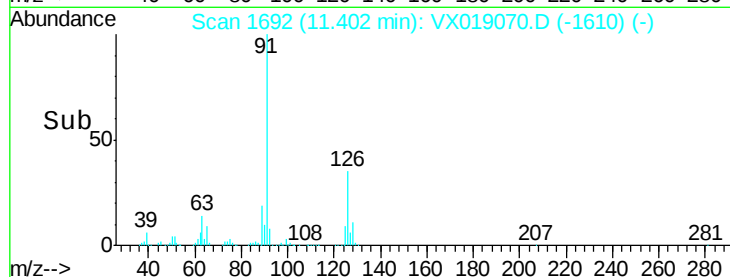
400000

200000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 52.249 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019070.D

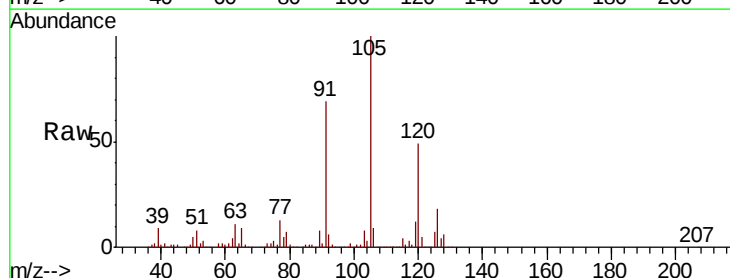
Acq: 23 Oct 2020 10:38

Tgt Ion: 105 Resp: 605411

Ion Ratio Lower Upper

105 100

120 50.2 0.0 100.2



Abundance Ion 105.00 (104.70 to 105.70): VX019069.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX019069.D (-1701) (-)

500000

400000

300000

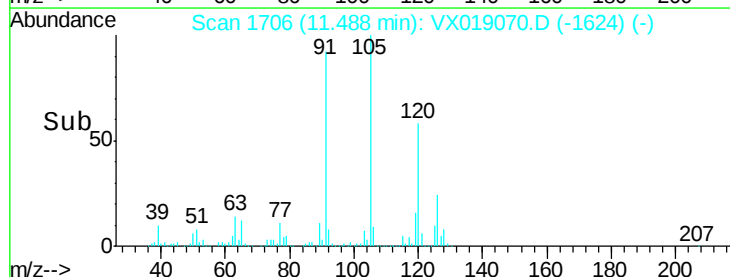
200000

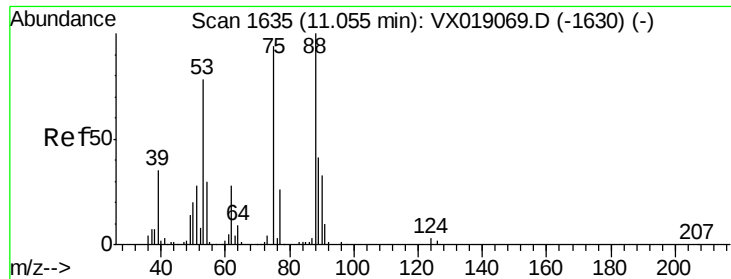
100000

0

11.45 11.50 11.55

Time-->

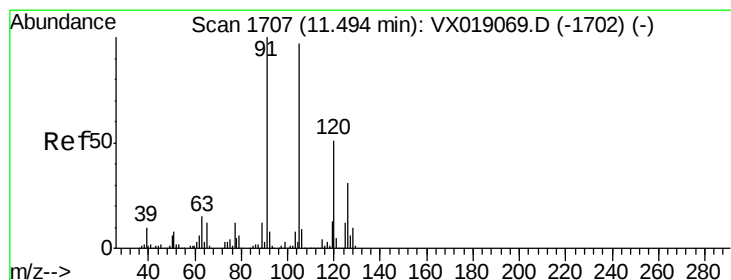
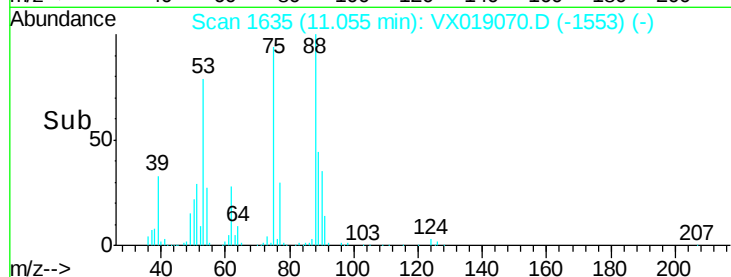
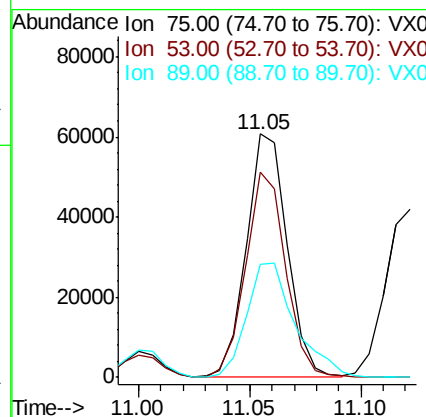
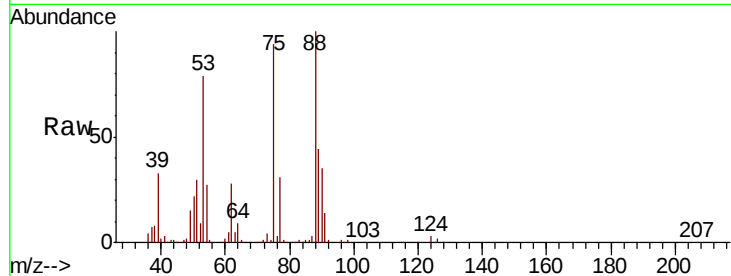




#77
t-1,4-Dichloro-2-butene
Concen: 52.873 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

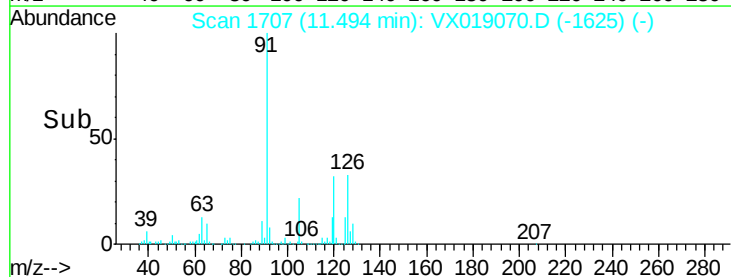
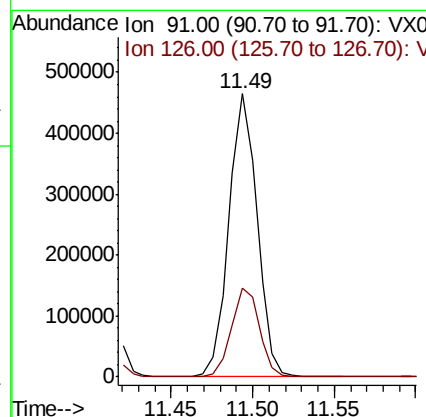
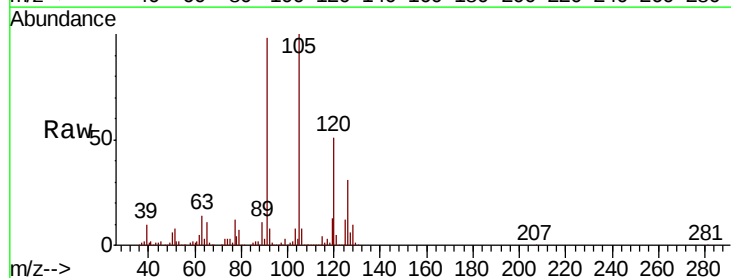
Instrument :
MSVOA_X
ClientSampled :

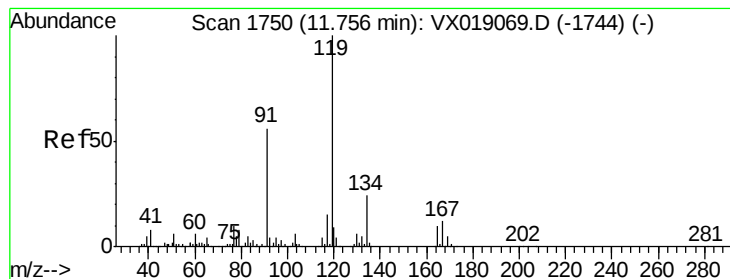
Tot Ion: 75 Resp: 77843
Ion Ratio Lower Upper
75 100
53 84.1 41.6 124.8
89 46.0 21.8 65.3



#78
4-Chlorotoluene
Concen: 51.989 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion: 91 Resp: 558739
Ion Ratio Lower Upper
91 100
126 31.2 0.0 61.2





#79

tert-butylbenzene

Concen: 51.686 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampled :

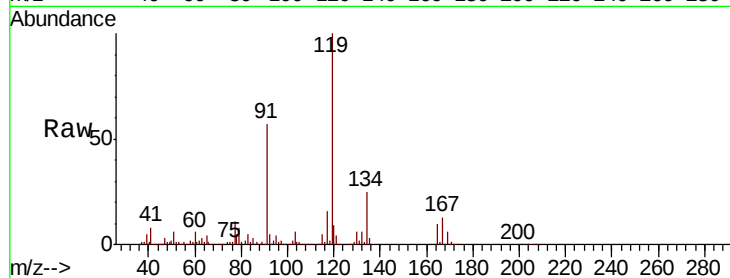
Tot Ion:119 Resp: 589746

Ion Ratio Lower Upper

119 100

91 55.6 0.0 111.4

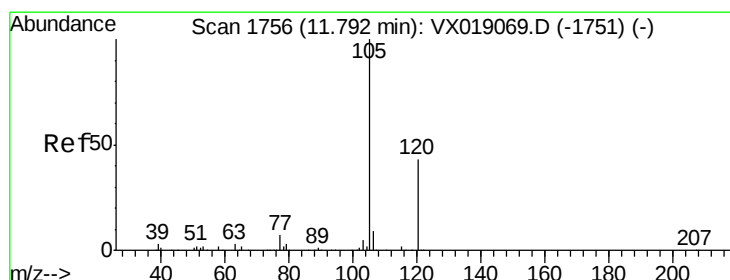
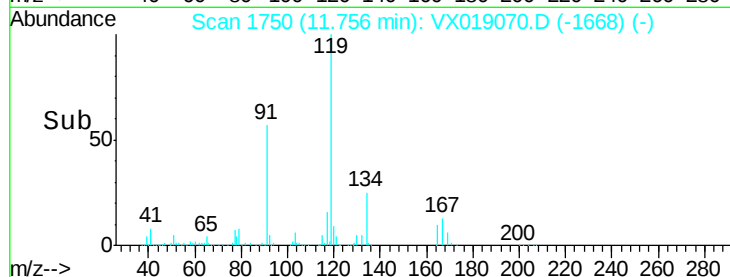
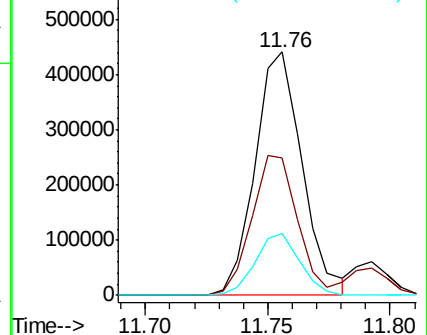
134 23.9 0.0 47.2



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



#80

1,2,4-Trimethylbenzene

Concen: 51.800 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019070.D

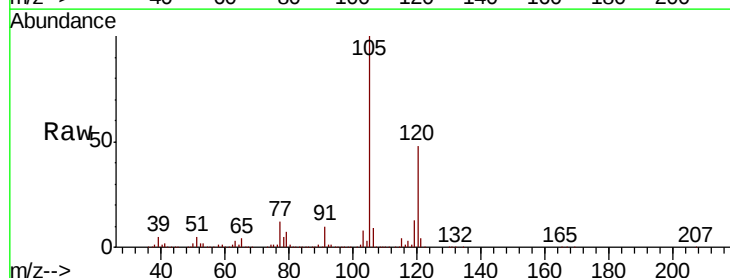
Acq: 23 Oct 2020 10:38

Tgt Ion:105 Resp: 596644

Ion Ratio Lower Upper

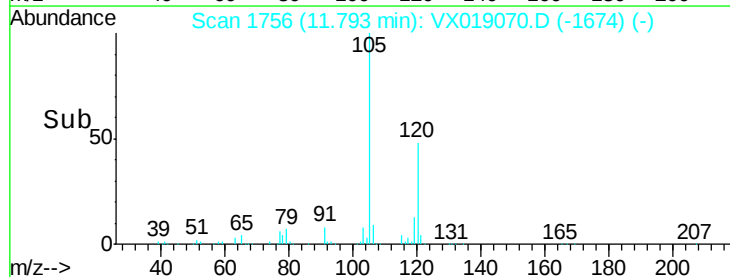
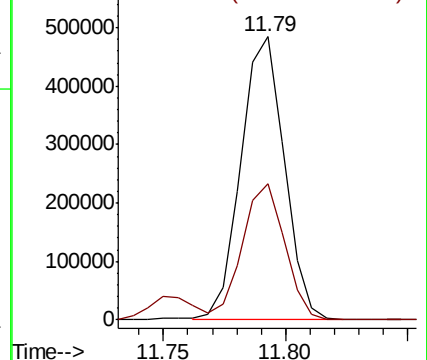
105 100

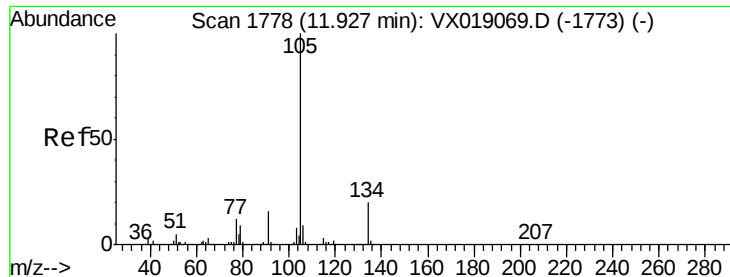
120 47.2 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

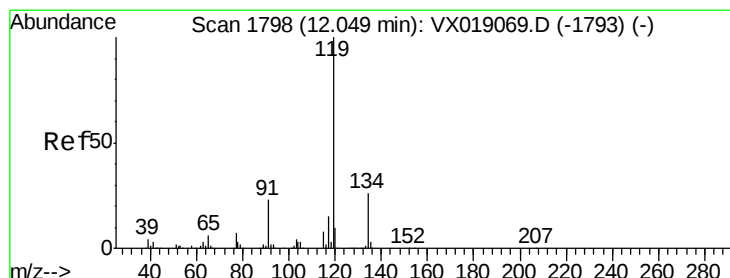
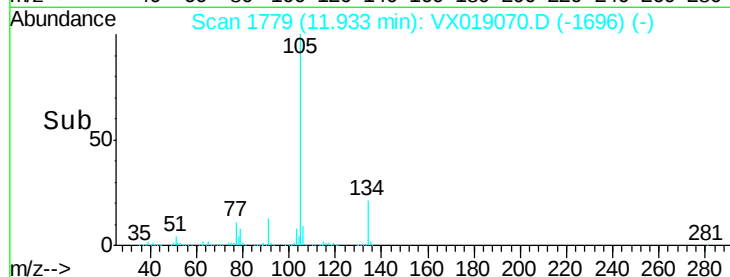
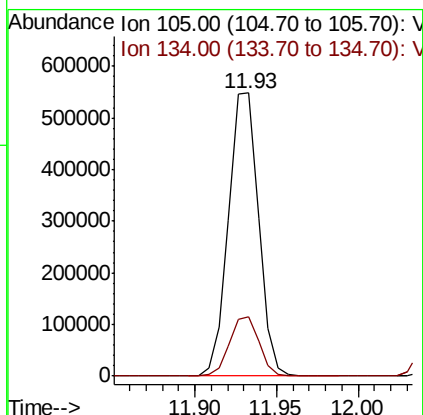
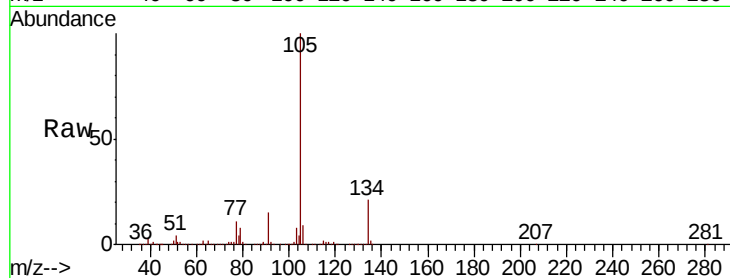




#81
 sec-Butylbenzene
 Concen: 52.182 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

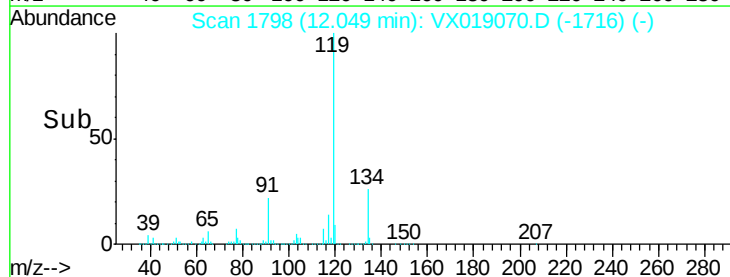
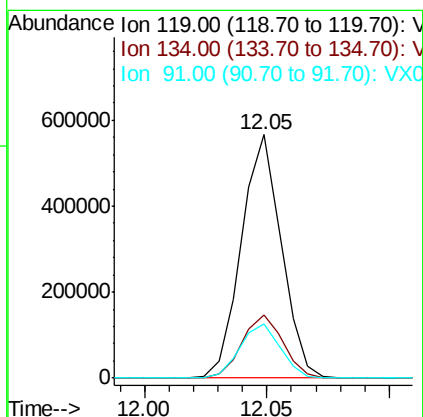
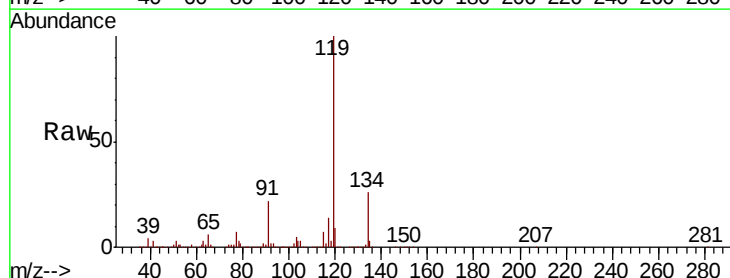
Instrument :
 MSVOA_X
 ClientSampleId :

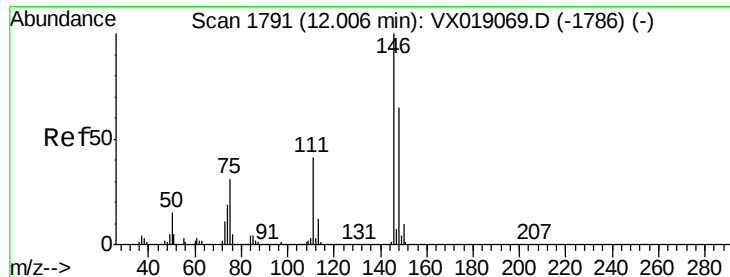
Tot Ion:105 Resp: 704517
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 51.788 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion:119 Resp: 644398
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.0
 91 22.8 0.0 45.6

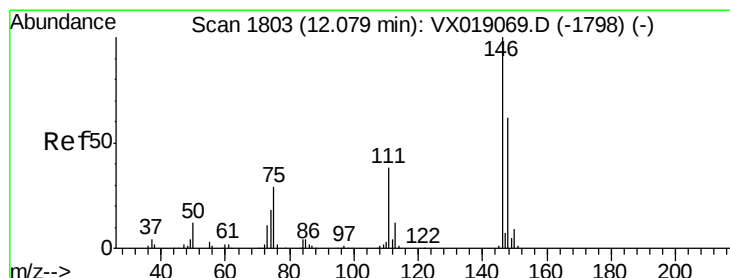
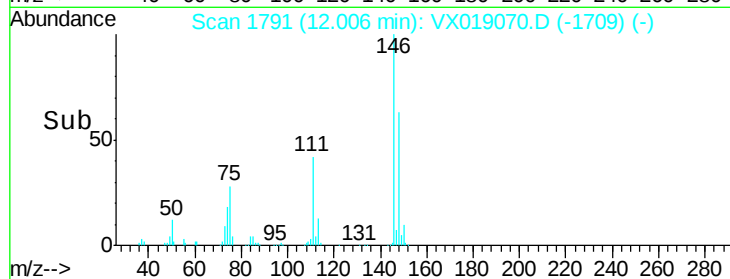
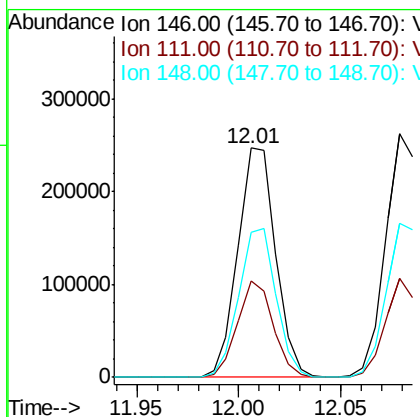
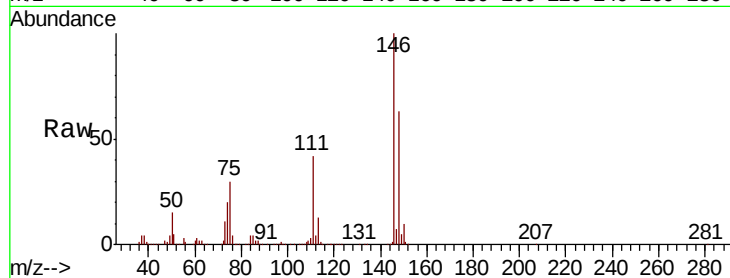




#83
 1,3-Dichlorobenzene
 Concen: 51.075 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

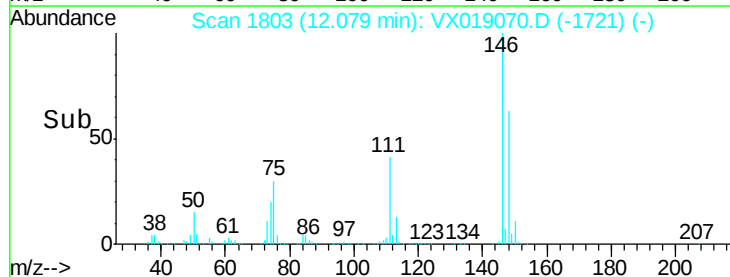
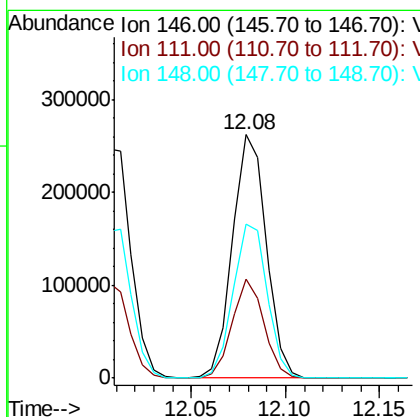
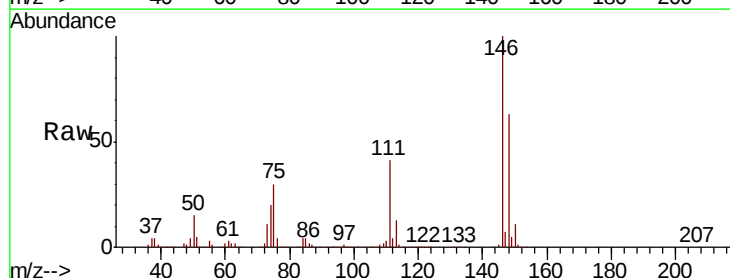
Instrument :
 MSVOA_X
 ClientSampleId :

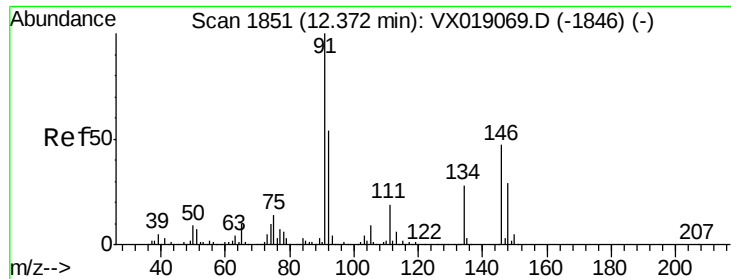
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	64.3	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 51.578 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	64.0	31.6	95.0

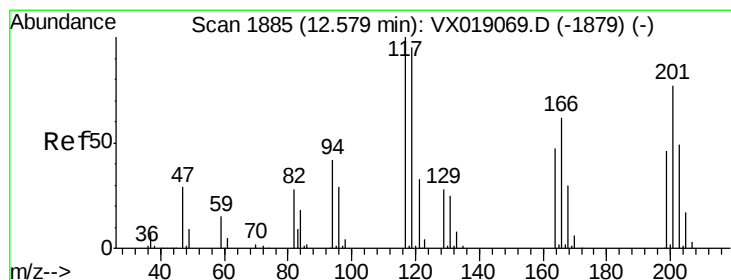
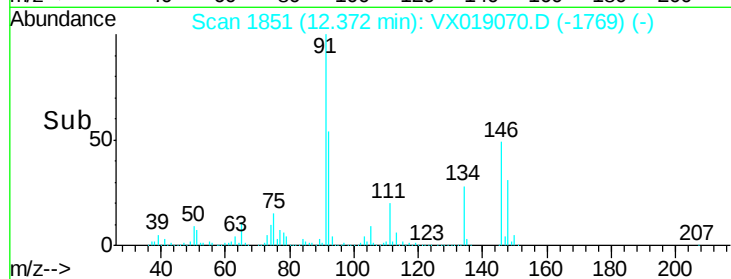
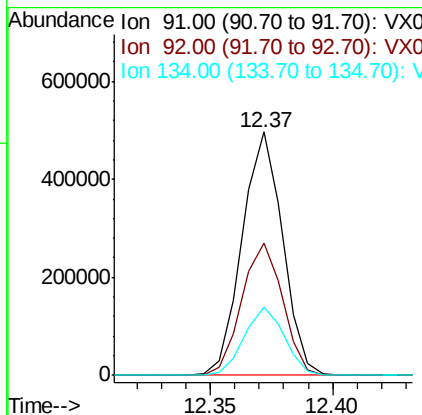
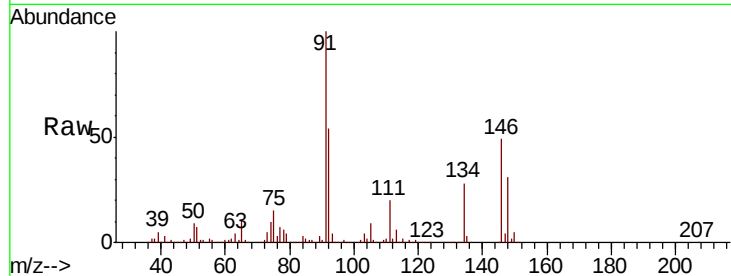




#85
n-Butylbenzene
Concen: 51.391 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

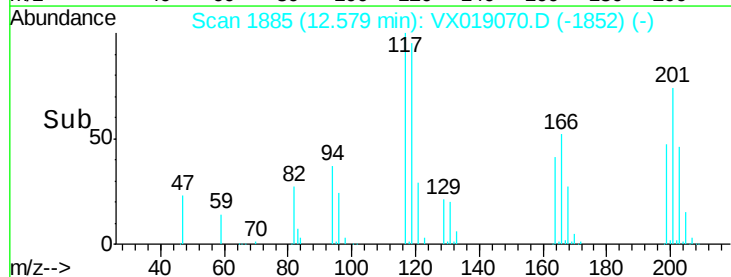
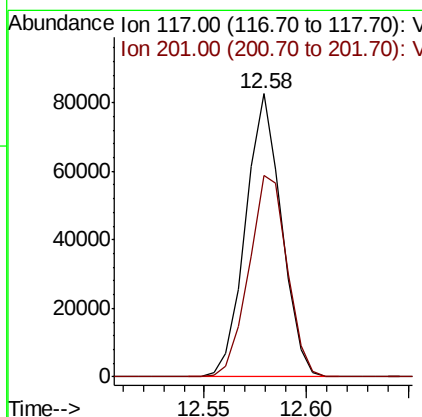
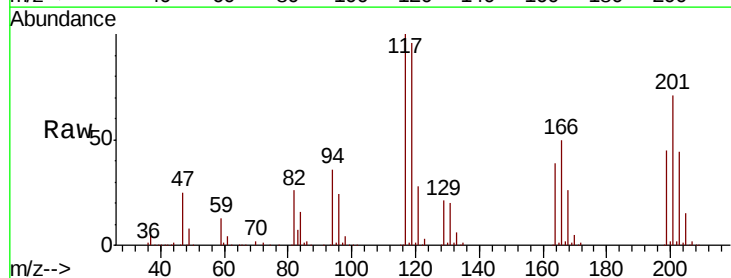
Instrument :
MSVOA_X
ClientSampleId :

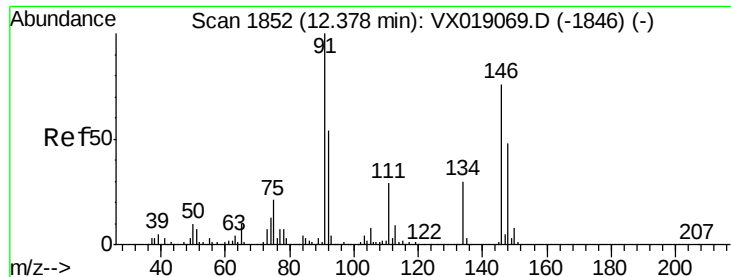
Tot Ion: 91 Resp: 572547
Ion Ratio Lower Upper
91 100
92 54.9 0.0 107.4
134 27.8 0.0 54.6



#86
Hexachloroethane
Concen: 52.894 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019070.D
Acq: 23 Oct 2020 10:38

Tgt Ion: 117 Resp: 101087
Ion Ratio Lower Upper
117 100
201 76.1 38.4 115.1





#87

1,2-Dichlorobenzene

Concen: 52.074 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

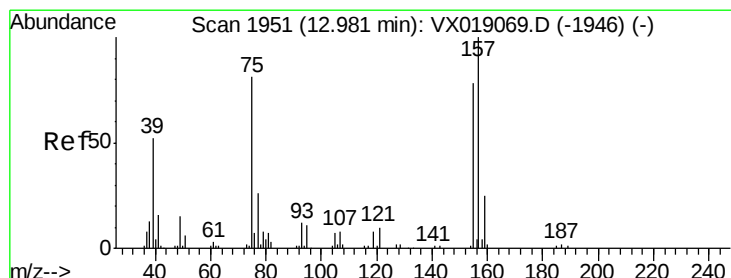
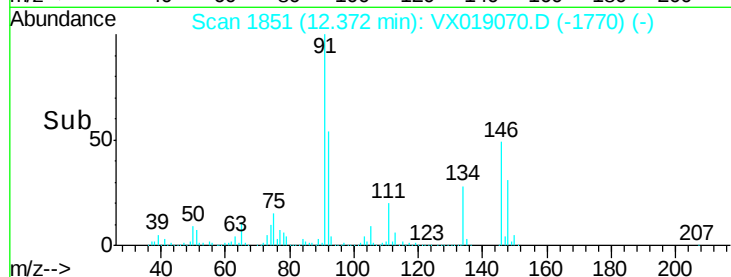
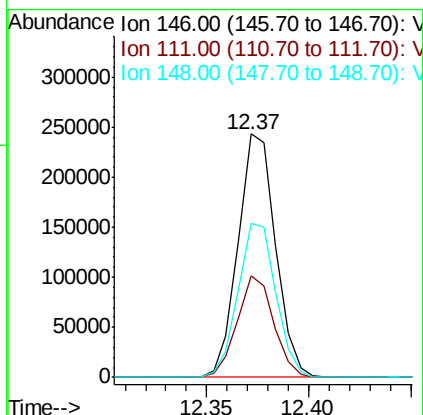
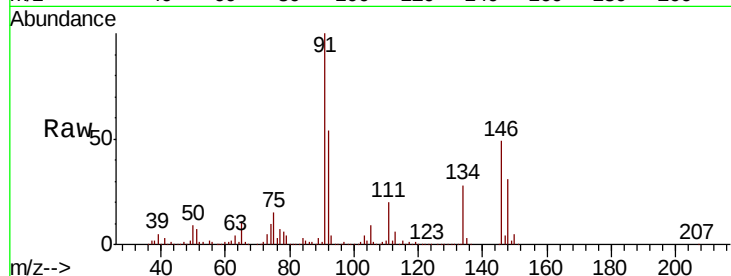
Tot Ion:146 Resp: 310951

Ion Ratio Lower Upper

146 100

111 40.4 20.3 61.0

148 63.7 32.1 96.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 52.851 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

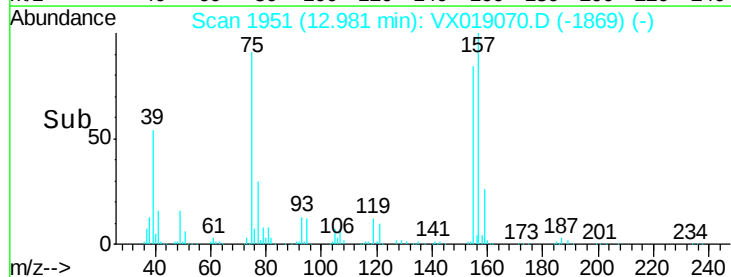
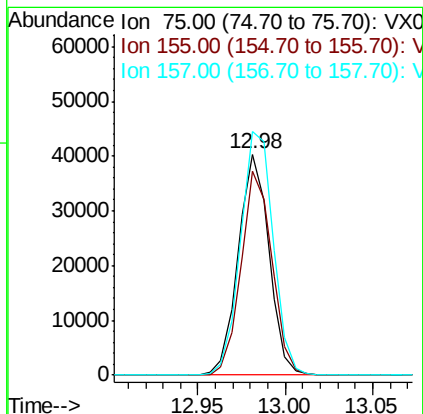
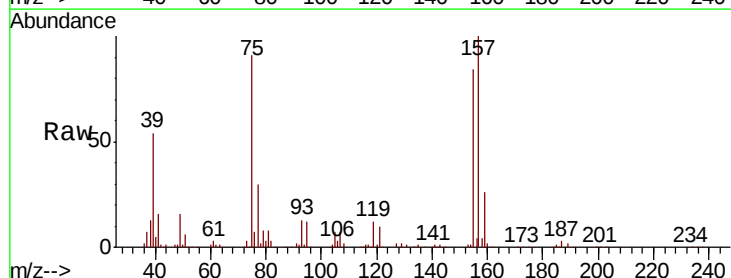
Tgt Ion: 75 Resp: 49310

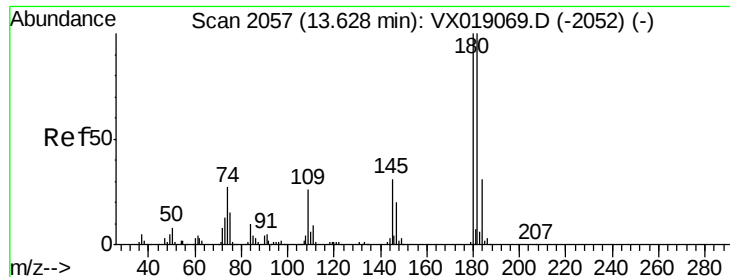
Ion Ratio Lower Upper

75 100

155 92.9 73.7 110.5

157 117.4 96.5 144.7

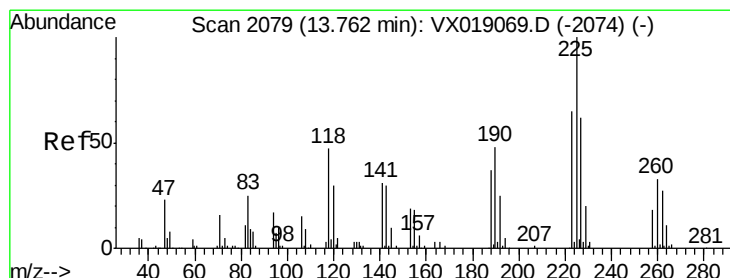
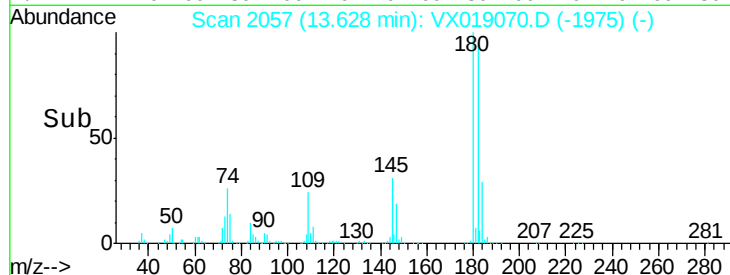
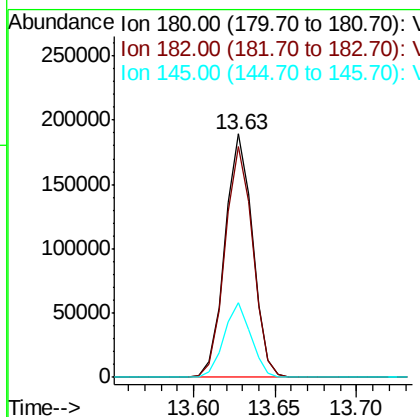
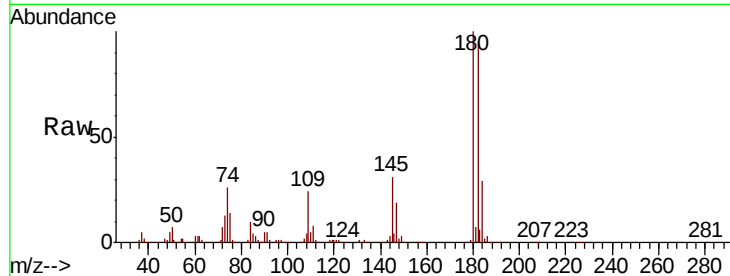




#89
 1,2,4-Trichlorobenzene
 Concen: 51.666 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

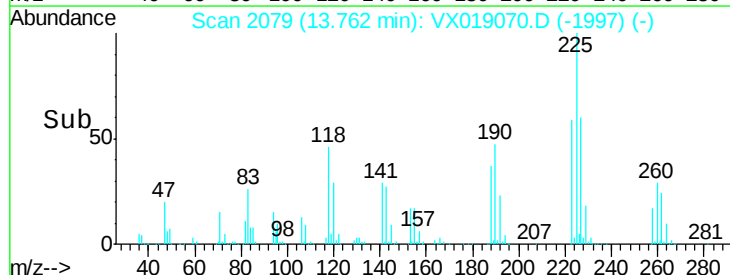
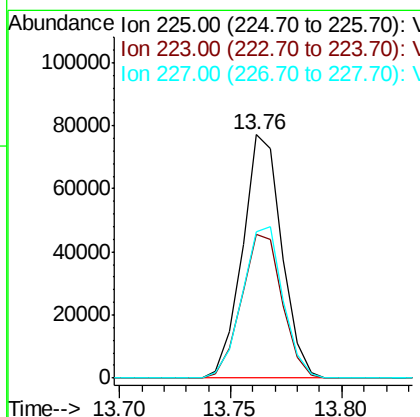
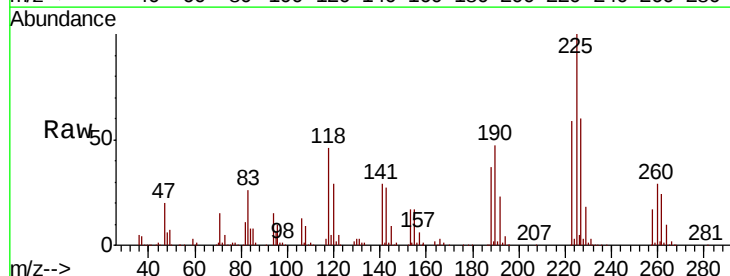
Instrument :
 MSVOA_X
 ClientSampled :

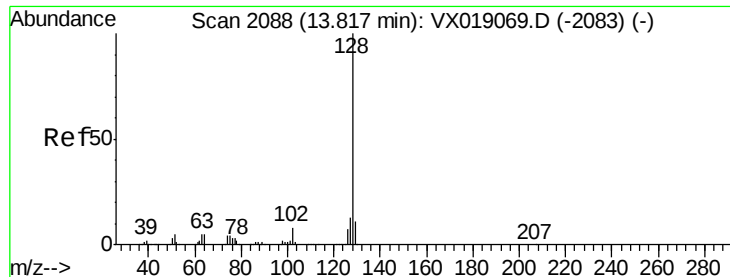
Tot Ion:180 Resp: 222016
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.5 114.7
 145 30.3 24.2 36.4



#90
 Hexachlorobutadiene
 Concen: 52.245 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019070.D
 Acq: 23 Oct 2020 10:38

Tgt Ion:225 Resp: 95190
 Ion Ratio Lower Upper
 225 100
 223 61.1 0.0 130.0
 227 64.0 0.0 128.6





#91

Naphthalene

Concen: 52.856 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

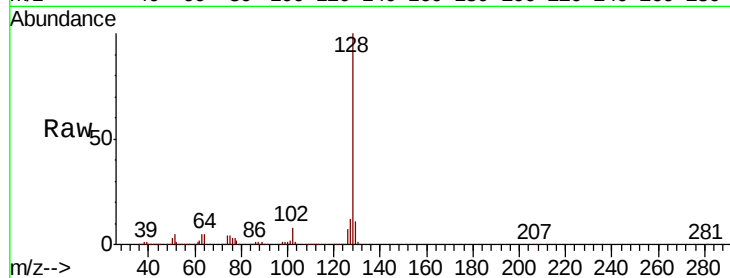
Tot Ion:128 Resp: 743528

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

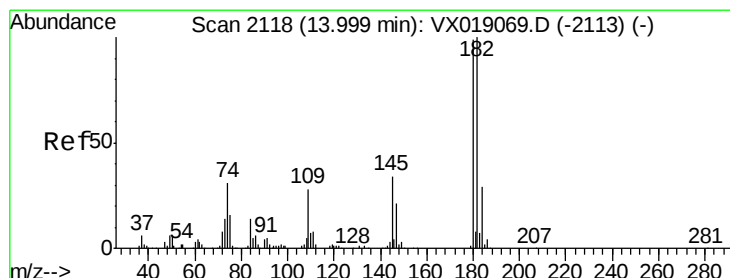
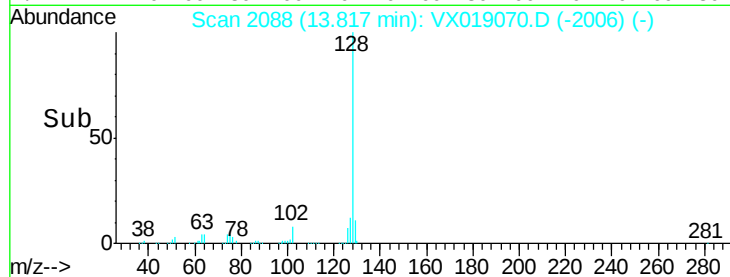
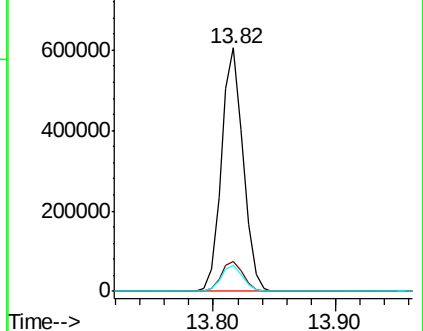
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 51.807 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019070.D

Acq: 23 Oct 2020 10:38

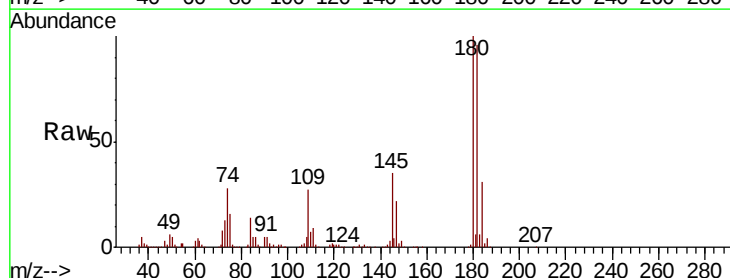
Tgt Ion:180 Resp: 214152

Ion Ratio Lower Upper

180 100

182 96.2 0.0 192.4

145 32.4 0.0 64.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

