

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018355.D
 Acq On : 11 Sep 2020 12:31
 Operator : JC/SP
 Sample : VX0911WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 12 05:44:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	74951	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	383185	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	366861	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	179631	30.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.27%
60) 4-Bromofluorobenzene	11.12	95	188914	29.71	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.03%
63) Toluene-d8	8.70	98	485907	30.05	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	74855	18.874 ug/l	98
3) Chloromethane	1.31	50	81366	19.314 ug/l	100
4) Vinyl Chloride	1.39	62	85624	19.302 ug/l	100
5) Bromomethane	1.64	94	60498	20.045 ug/l	98
6) Chloroethane	1.72	64	53318	19.776 ug/l	95
7) Trichlorofluoromethane	1.92	101	145270	19.324 ug/l	99
8) Diethyl Ether	2.17	74	47610	20.088 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72956	18.994 ug/l	98
10) 1,1-Dichloroethene	2.36	96	74743	19.824 ug/l	96
11) Methyl Iodide	2.50	142	74344	20.575 ug/l	97
12) Methyl Acetate	2.75	43	102000	20.552 ug/l	96
13) Acrolein	2.27	56	50308	125.600 ug/l	96
14) Acrylonitrile	3.12	53	230156	102.344 ug/l	99
15) Acetone	2.42	58	60990	99.749 ug/l	89
16) Carbon Disulfide	2.55	76	210269	19.153 ug/l	99
17) Allyl chloride	2.71	41	135919	20.169 ug/l	96
18) Methylene Chloride	2.84	84	85553	19.334 ug/l	93
19) trans-1,2-Dichloroethene	3.14	96	83130	19.859 ug/l	98
20) Diisopropyl ether	3.82	45	270458	20.272 ug/l	91
21) 1,1-Dichloroethane	3.67	63	149776	19.559 ug/l	98
22) cis-1,2-Dichloroethene	4.57	96	94651	20.436 ug/l	99
23) tert-Butyl Alcohol	3.01	59	104272	106.997 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	268005	19.994 ug/l	99
25) Chloroform	5.18	83	164561	20.136 ug/l	100
26) Cyclohexane	5.56	56	117865	19.069 ug/l	# 54
29) 1,1-Dichloropropene	5.77	75	110882	18.957 ug/l	99
30) 2-Butanone	4.64	43	325145	101.522 ug/l	99
31) 2,2-Dichloropropane	4.56	77	138692	19.630 ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	152997	19.984 ug/l	99
33) Carbon Tetrachloride	5.76	117	137615	19.290 ug/l	95
34) Benzene	6.12	78	330521	19.796 ug/l	# 95
35) Methacrylonitrile	5.00	41	68896	20.412 ug/l	96
36) 1,2-Dichloroethane	6.17	62	140012	20.262 ug/l	# 100
37) Trichloroethene	7.19	130	93881	19.445 ug/l	94
38) Methylcyclohexane	7.44	83	115200	18.490 ug/l	100
39) 1,2-Dichloropropane	7.49	63	86638	19.374 ug/l	96
40) Dibromomethane	7.64	93	63382	19.627 ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 12 05:44:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	129947	19.415	ug/l	95
42) Vinyl Acetate	3.79	43	1202225	100.614	ug/l	99
43) Ethyl Acetate	4.79	43	128099	20.115	ug/l	97
44) Isopropyl Acetate	6.42	43	203270	19.806	ug/l	97
45) 1,4-Dioxane	7.71	88	36622	427.122	ug/l #	91
46) Methyl methacrylate	7.75	41	97742	19.350	ug/l	96
47) n-amyl Acetate	10.88	43	170197	18.872	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	141215	19.642	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	146232	19.362	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	89749	19.945	ug/l	98
51) Ethyl methacrylate	9.16	69	129867	19.923	ug/l	93
52) 1,3-Dichloropropane	9.35	76	146214	19.576	ug/l	97
53) Dibromochloromethane	9.56	129	110808	19.804	ug/l	99
54) 1,2-Dibromoethane	9.65	107	98432	19.940	ug/l	94
55) 2-Chloroethyl vinyl ether	8.29	63	340888	100.143	ug/l	99
56) Bromoform	10.84	173	81438	19.157	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	644326	102.113	ug/l	99
59) 2-Hexanone	9.47	43	490060	102.536	ug/l	98
61) Tetrachloroethene	9.32	164	89468	19.554	ug/l	86
62) Toluene	8.77	91	357950	19.387	ug/l	99
64) Chlorobenzene	10.12	112	231945	19.549	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	96024	19.984	ug/l	96
66) Ethyl Benzene	10.24	91	390027	19.118	ug/l	98
67) m/p-Xylenes	10.34	106	298186	38.221	ug/l	99
68) o-Xylene	10.68	106	145307	19.711	ug/l	96
69) Styrene	10.70	104	249282	19.382	ug/l	99
70) Isopropylbenzene	11.00	105	393251	19.183	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	132879	19.835	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	165129	25.655	ug/l	90
73) Bromobenzene	11.24	156	106580	18.977	ug/l	99
74) n-propylbenzene	11.34	91	448451	18.578	ug/l	98
75) 2-Chlorotoluene	11.40	91	275121	18.805	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	341447	19.119	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	47707	19.073	ug/l	97
78) 4-Chlorotoluene	11.49	91	333813	19.127	ug/l	99
79) tert-butylbenzene	11.76	119	323601	18.810	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	338028	19.137	ug/l	98
81) sec-Butylbenzene	11.93	105	368867	18.356	ug/l	98
82) p-Isopropyltoluene	12.05	119	349906	18.675	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	196034	19.522	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	197731	19.693	ug/l	99
85) n-Butylbenzene	12.37	91	304151	18.438	ug/l	98
86) Hexachloroethane	12.58	117	71580	19.404	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	182310	19.388	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	32634	19.042	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	118406	18.613	ug/l	97
90) Hexachlorobutadiene	13.76	225	53025	19.705	ug/l	95
91) Naphthalene	13.82	128	382764	19.279	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	113669	18.061	ug/l	95

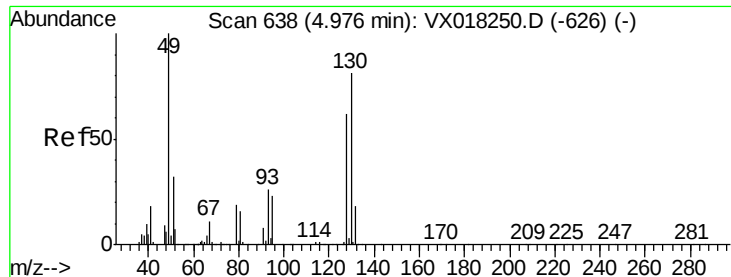
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

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. 0.01 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

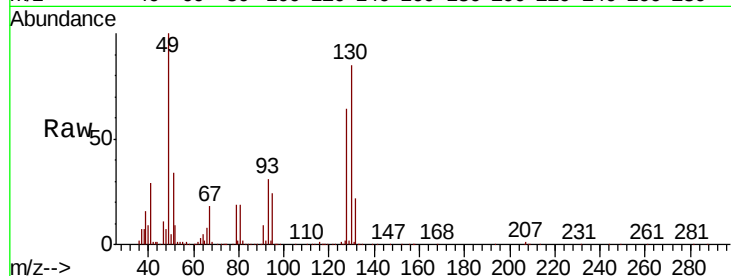
Tot Ion:128 Resp: 74951

Ion Ratio Lower Upper

128 100

49 154.9 0.0 392.0

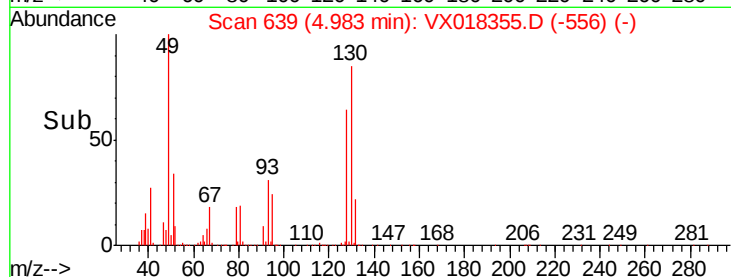
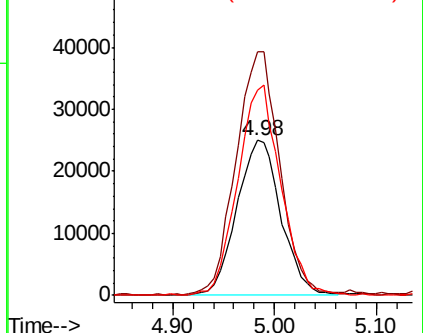
130 132.4 0.0 320.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.874 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018355.D

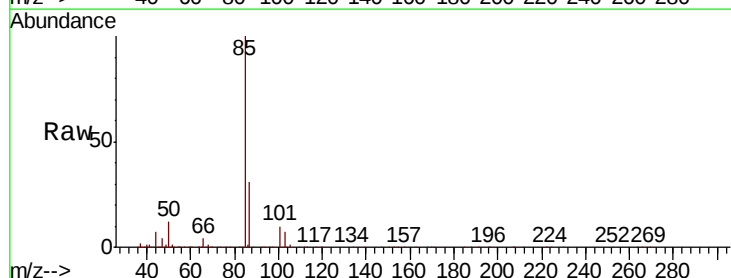
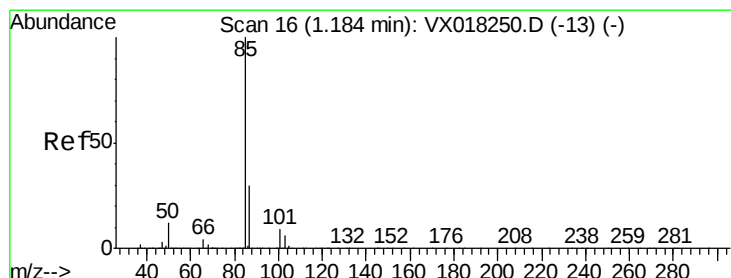
Acq: 11 Sep 2020 12:31

Tgt Ion: 85 Resp: 74855

Ion Ratio Lower Upper

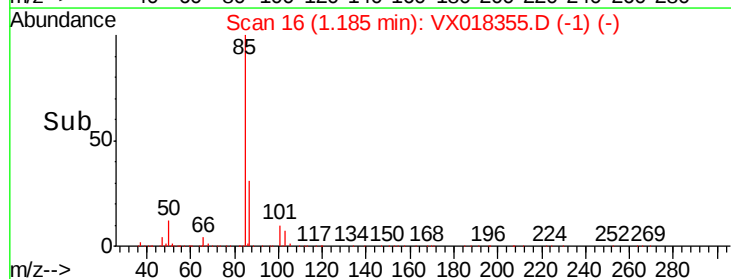
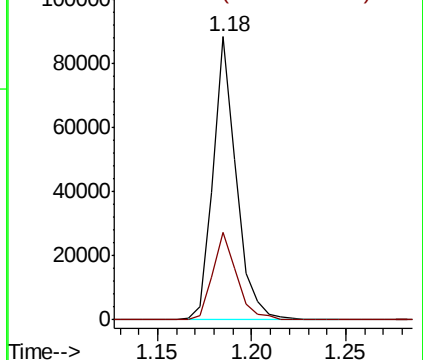
85 100

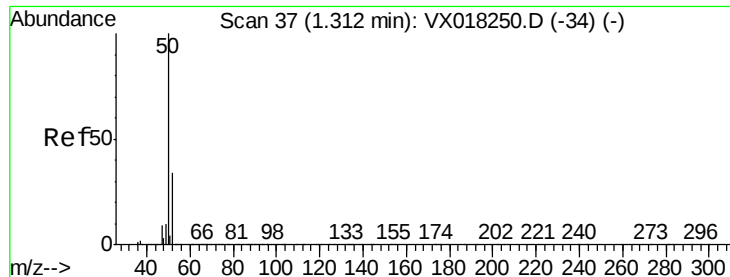
87 31.2 15.1 45.3



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

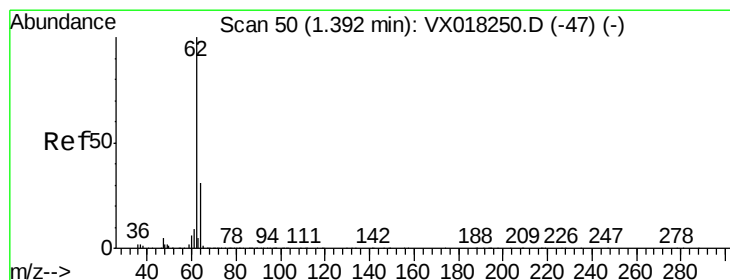
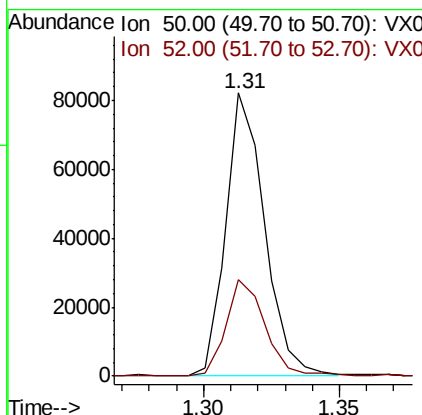
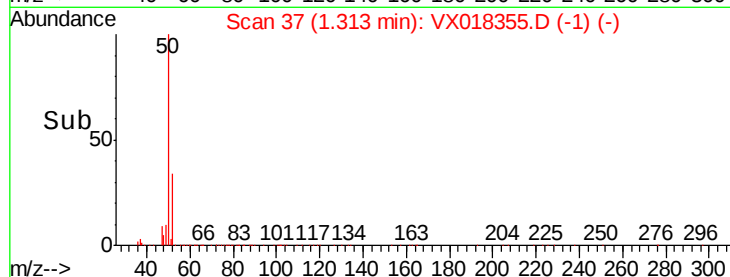
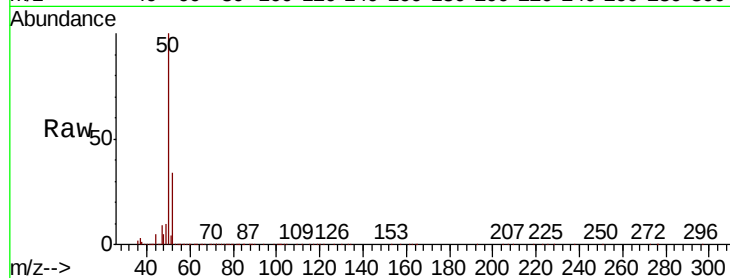




#3
Chloromethane
Concen: 19.314 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

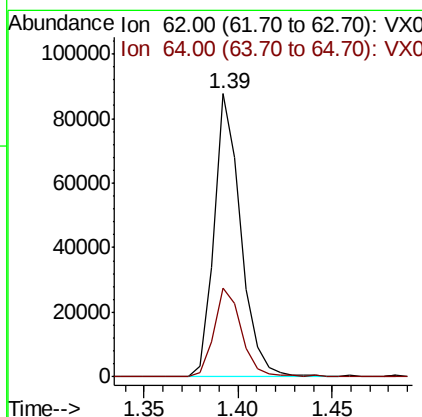
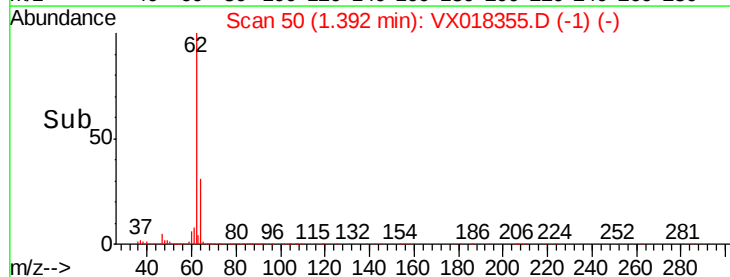
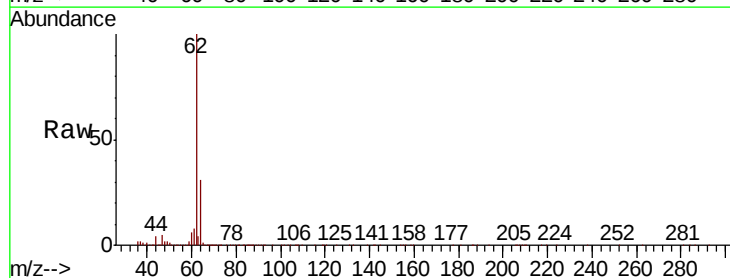
Instrument :
MSVOA_X
ClientSampleId :

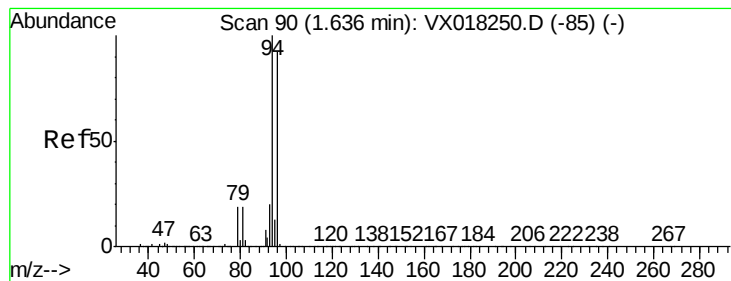
Tot Ion: 50 Resp: 81366
Ion Ratio Lower Upper
50 100
52 34.0 27.1 40.7



#4
Vinyl Chloride
Concen: 19.302 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion: 62 Resp: 85624
Ion Ratio Lower Upper
62 100
64 31.3 25.2 37.8





#5

Bromomethane

Concen: 20.045 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

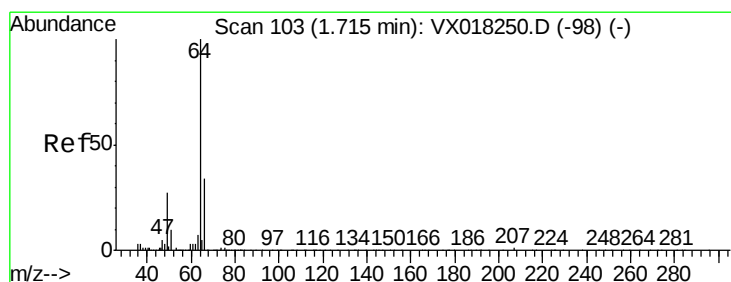
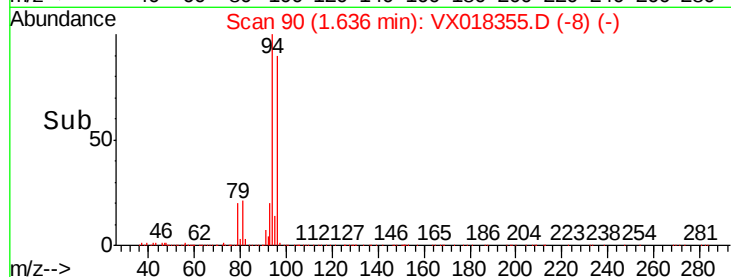
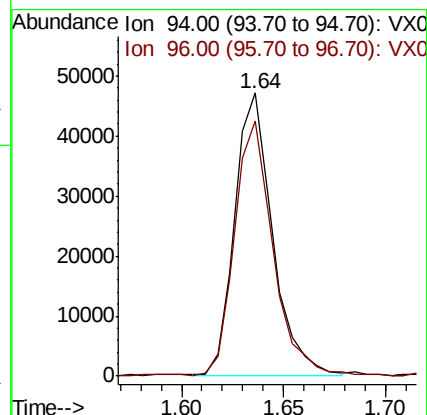
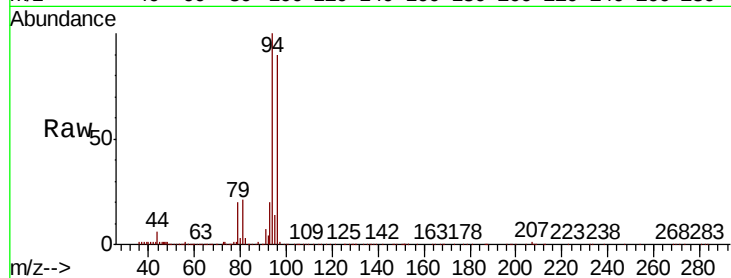
ClientSampleId :

Tot Ion: 94 Resp: 60498

Ion Ratio Lower Upper

94 100

96 90.4 73.9 110.9



#6

Chloroethane

Concen: 19.776 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018355.D

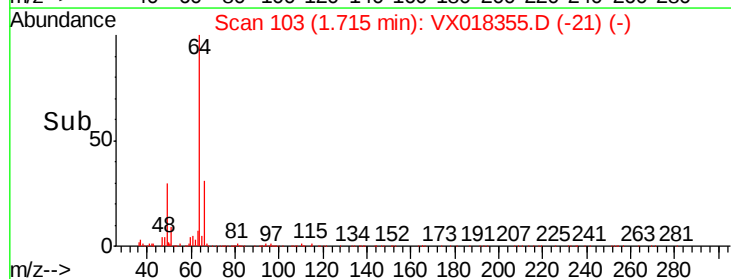
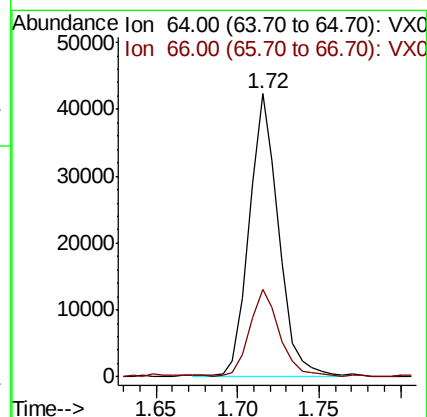
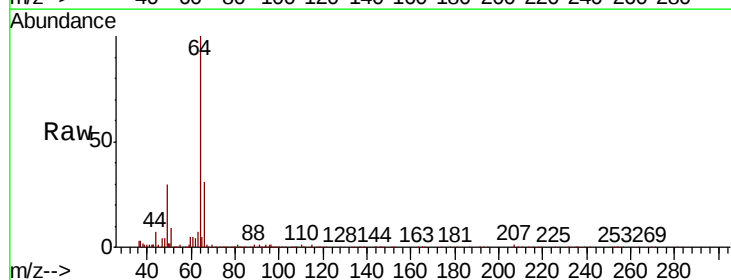
Acq: 11 Sep 2020 12:31

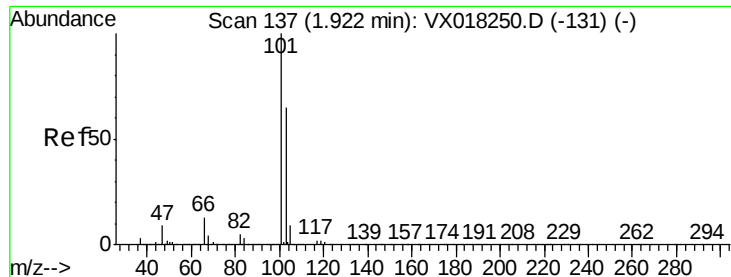
Tgt Ion: 64 Resp: 53318

Ion Ratio Lower Upper

64 100

66 30.9 27.0 40.4



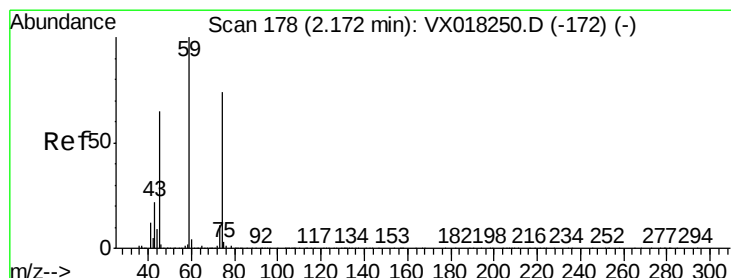
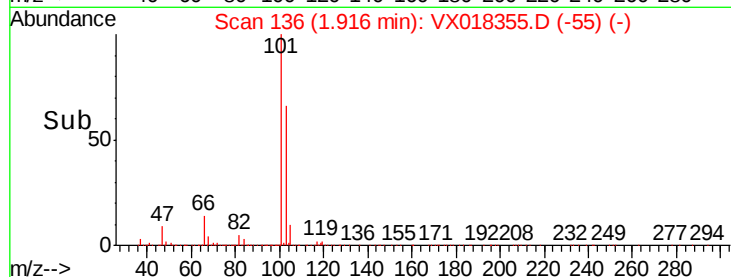
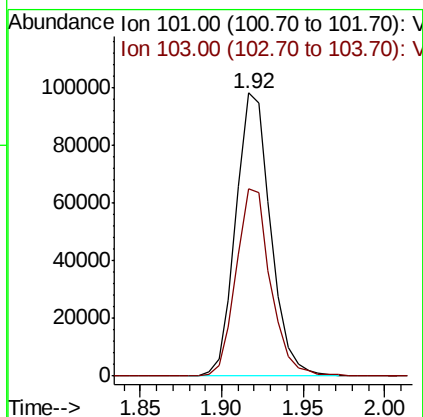
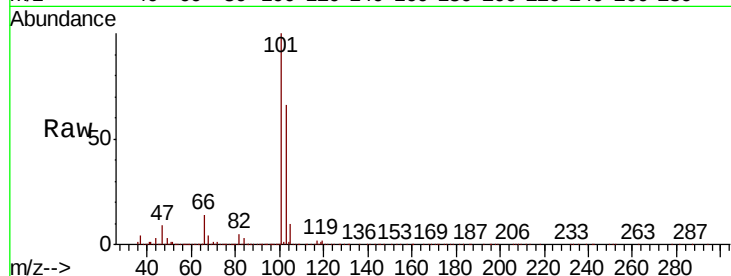


#7

Trichlorofluoromethane
 Concen: 19.324 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Instrument :
 MSVOA_X
 ClientSampleId :

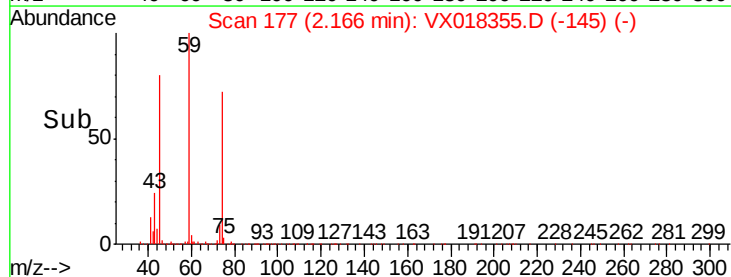
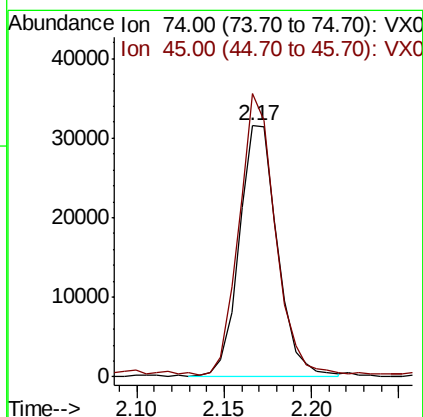
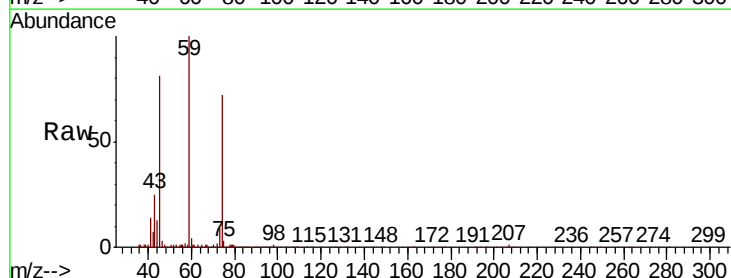
Tot Ion:101 Resp: 145270
 Ion Ratio Lower Upper
 101 100
 103 66.3 52.3 78.5

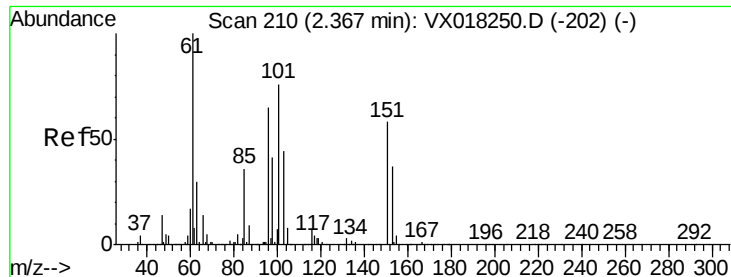


#8

Diethyl Ether
 Concen: 20.088 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion: 74 Resp: 47610
 Ion Ratio Lower Upper
 74 100
 45 105.9 20.5 184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.994 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

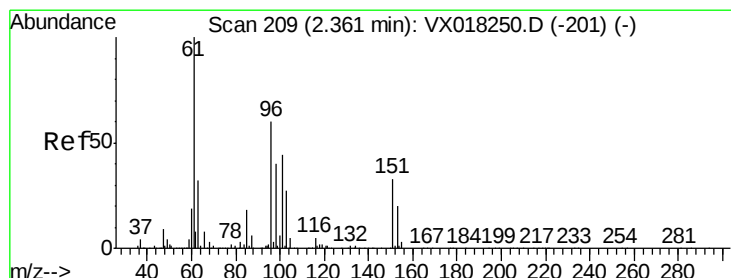
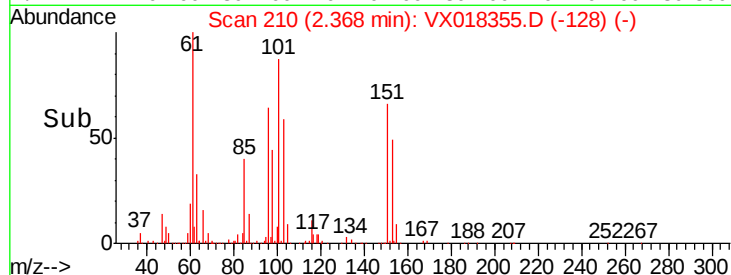
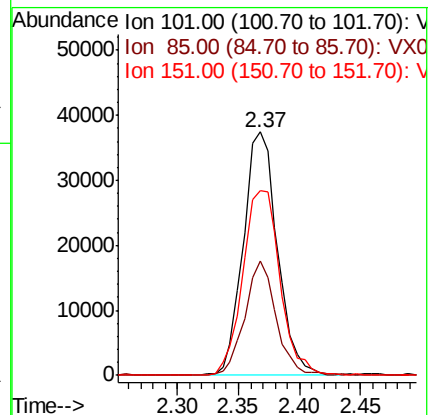
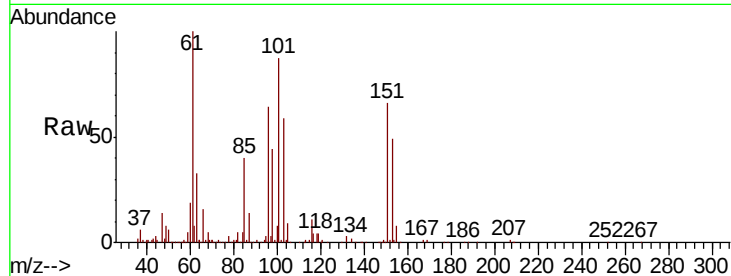
Tot Ion:101 Resp: 72956

Ion Ratio Lower Upper

101 100

85 42.9 0.0 87.8

151 82.8 0.0 161.4



#10

1,1-Dichloroethene

Concen: 19.824 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

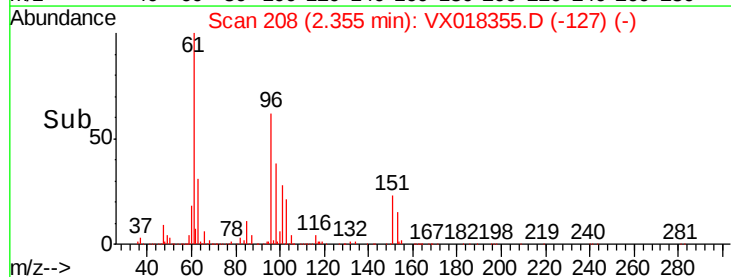
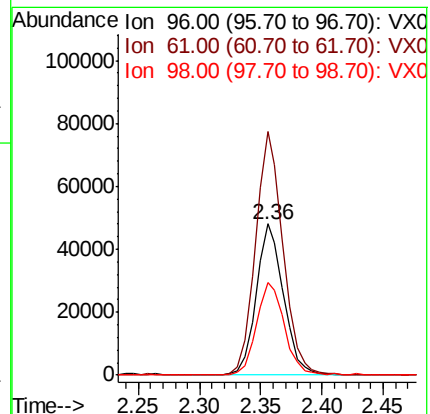
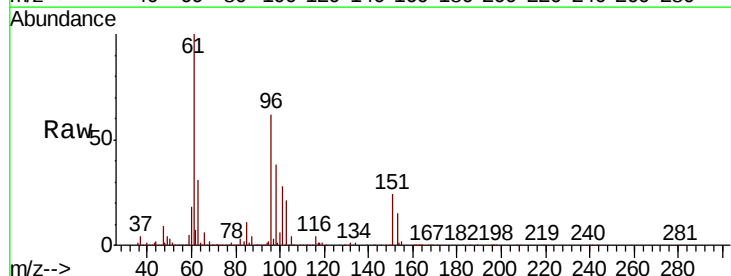
Tgt Ion: 96 Resp: 74743

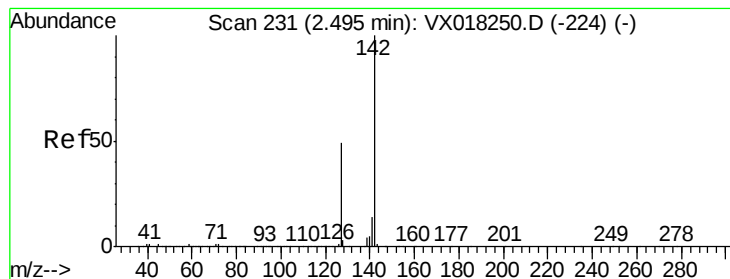
Ion Ratio Lower Upper

96 100

61 160.8 132.5 198.7

98 61.0 52.4 78.6





#11

Methyl Iodide

Concen: 20.575 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

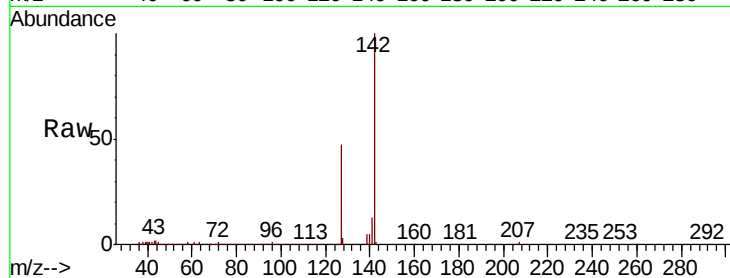
Tot Ion:142 Resp: 74344

Ion Ratio Lower Upper

142 100

127 47.3 24.6 74.0

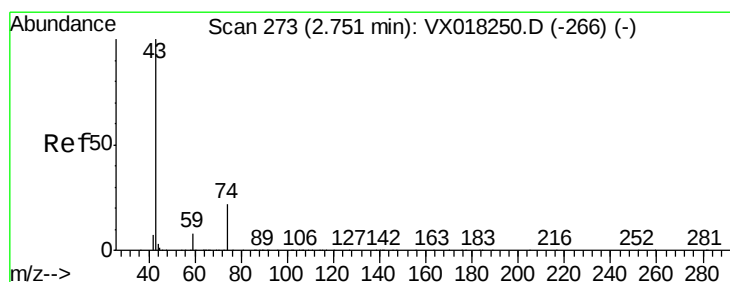
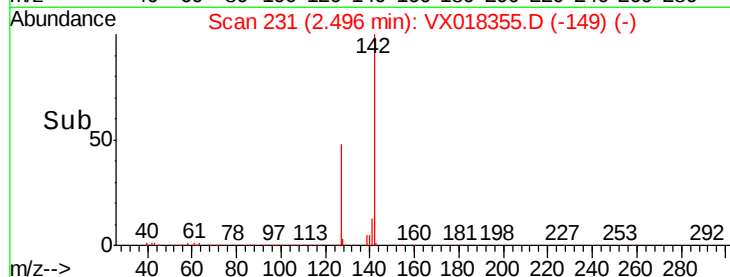
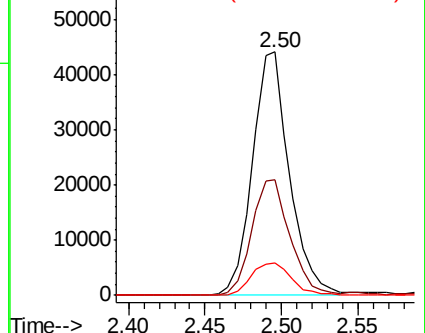
141 13.1 7.0 21.0



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: 20.552 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018355.D

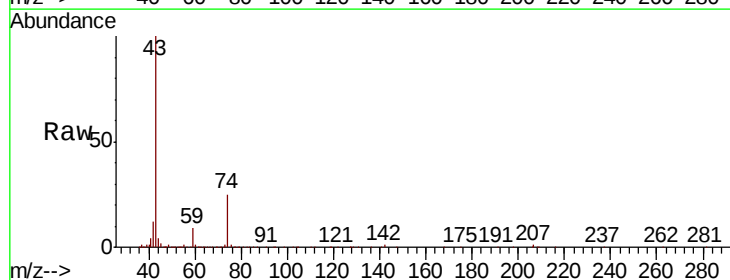
Acq: 11 Sep 2020 12:31

Tgt Ion: 43 Resp: 102000

Ion Ratio Lower Upper

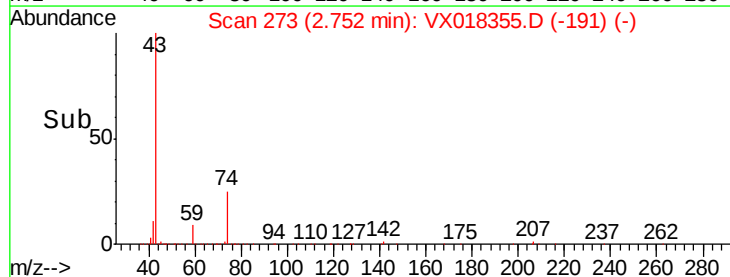
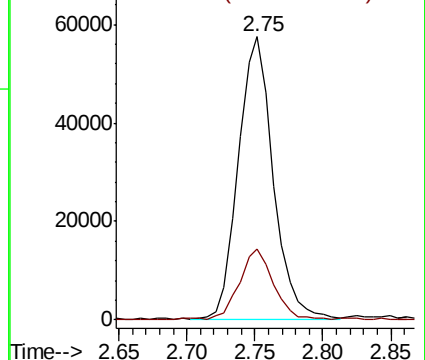
43 100

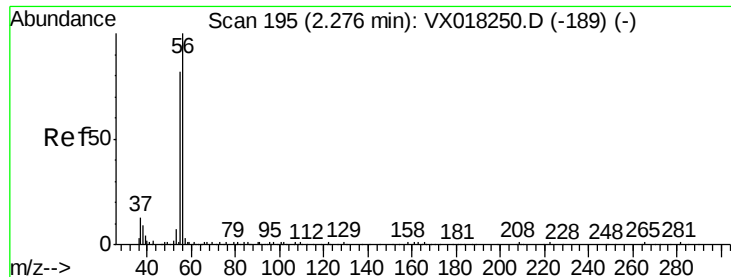
74 24.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

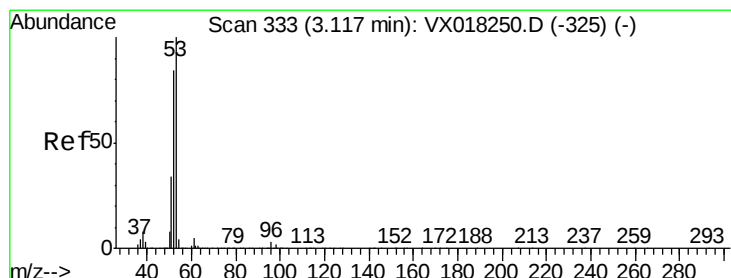
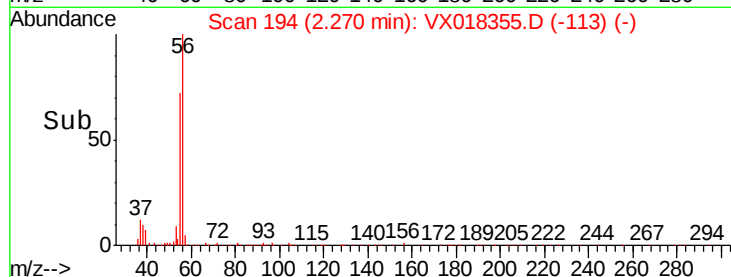
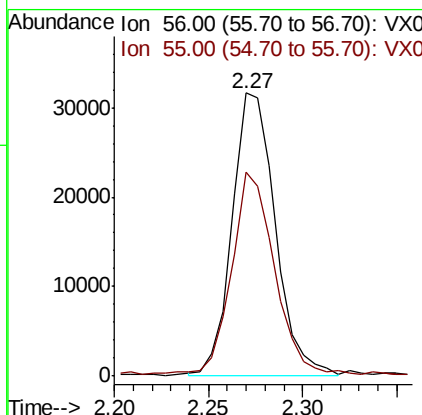
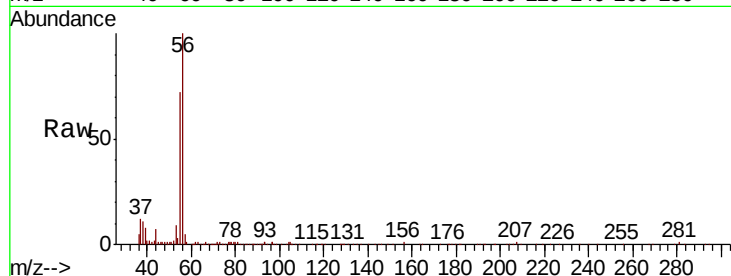




#13
Acrolein
Concen: 125.600 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

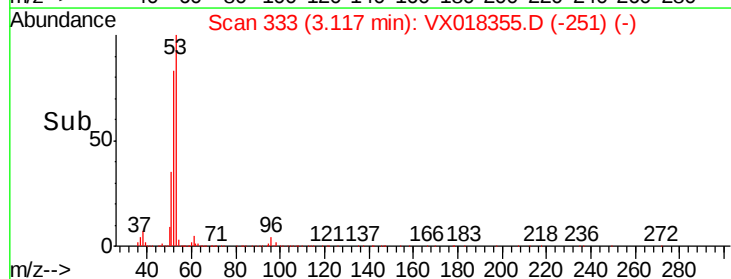
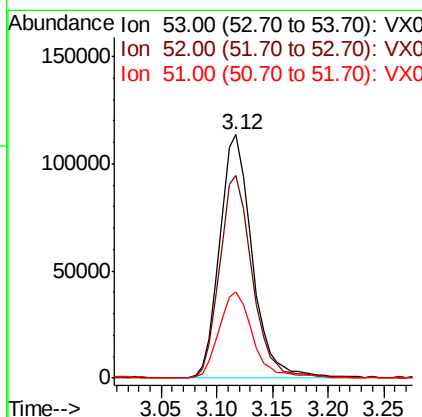
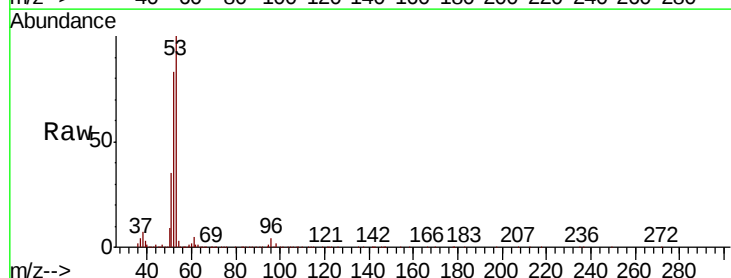
Instrument :
MSVOA_X
ClientSampleId :

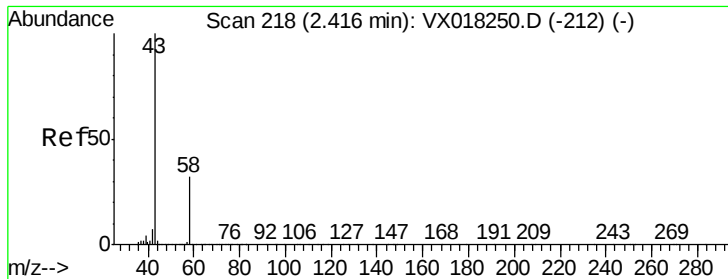
Tot Ion: 56 Resp: 50308
Ion Ratio Lower Upper
56 100
55 71.0 59.7 89.5



#14
Acrylonitrile
Concen: 102.344 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion: 53 Resp: 230156
Ion Ratio Lower Upper
53 100
52 83.6 41.9 125.7
51 34.9 18.3 54.8





#15

Acetone

Concen: 99.749 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

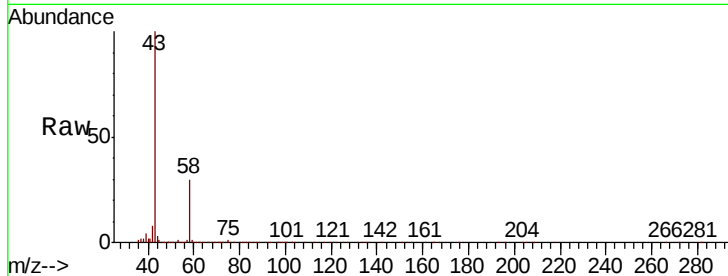
ClientSampleId :

Tot Ion: 58 Resp: 60990

Ion Ratio Lower Upper

58 100

43 332.1 248.2 372.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

150000

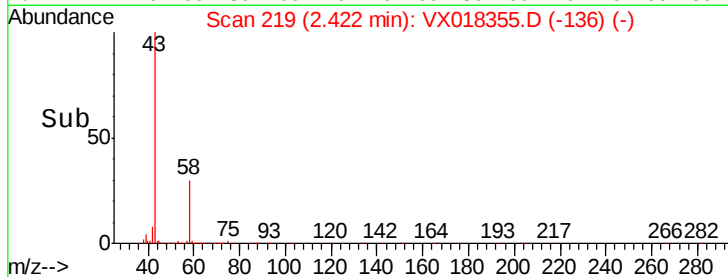
100000

50000

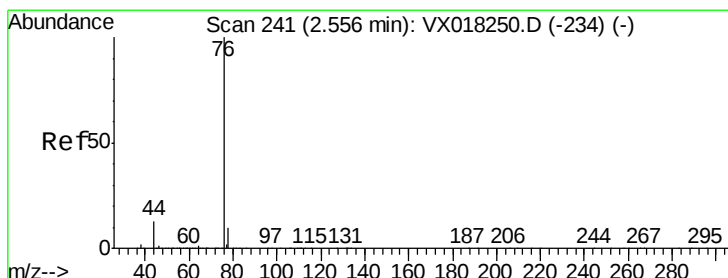
0

2.35 2.40 2.45 2.50

2.42



Time-->



#16

Carbon Disulfide

Concen: 19.153 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018355.D

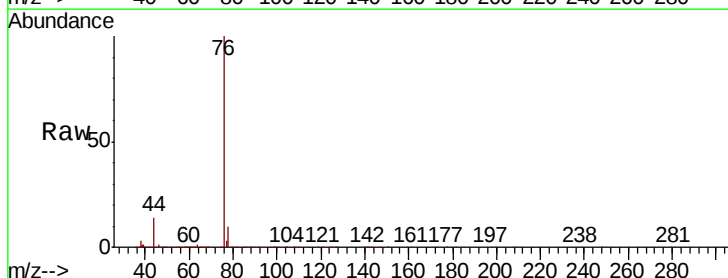
Acq: 11 Sep 2020 12:31

Tgt Ion: 76 Resp: 210269

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

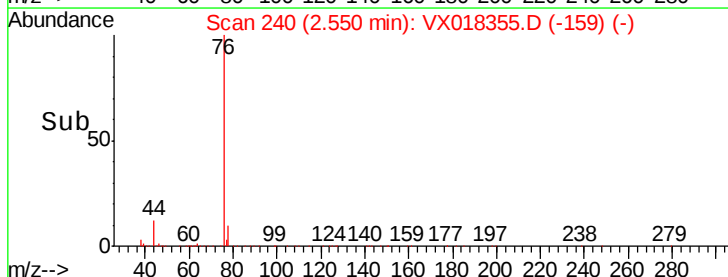
100000

50000

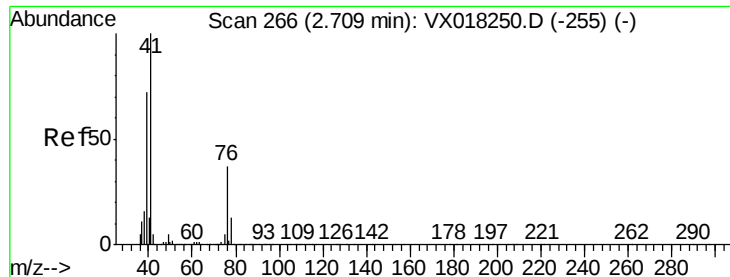
0

2.45 2.50 2.55 2.60 2.65

2.55



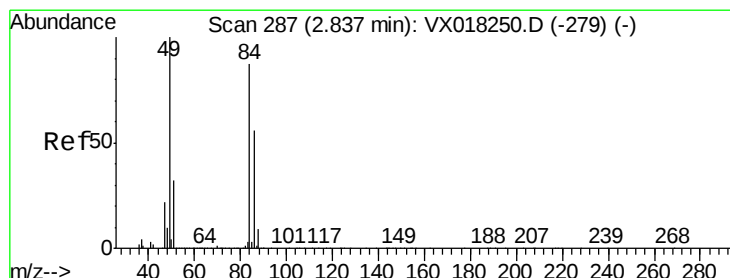
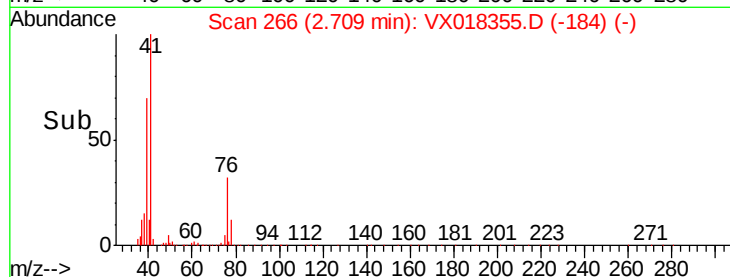
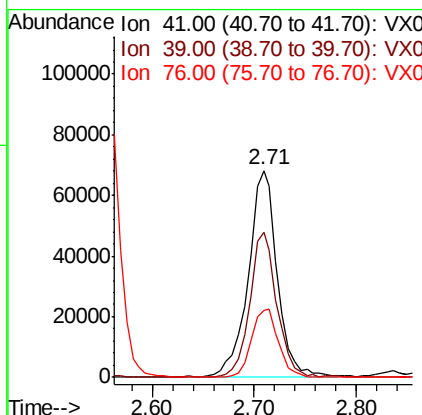
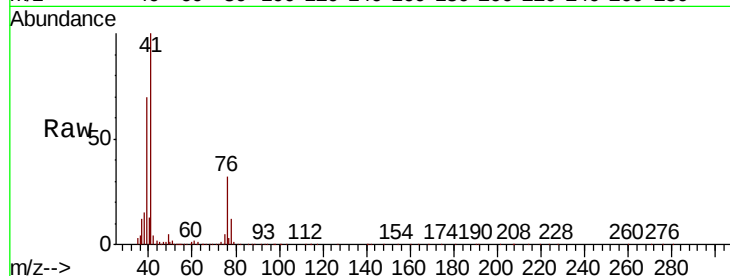
Time-->



#17
Allvl chloride
Concen: 20.169 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

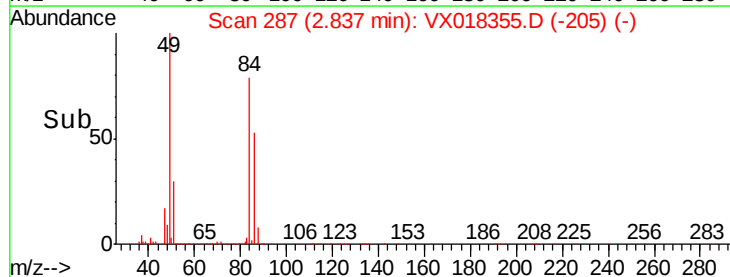
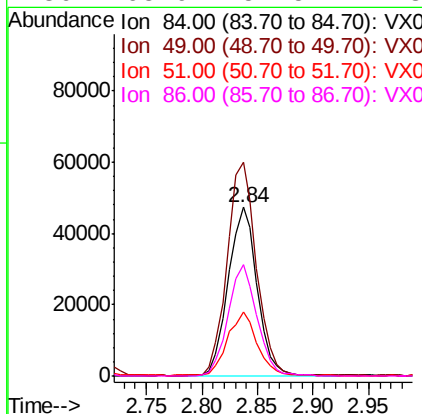
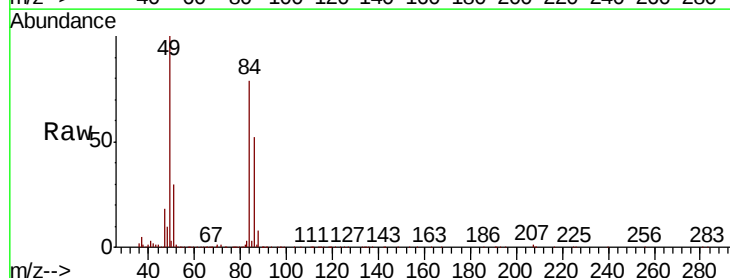
Instrument :
MSVOA_X
ClientSampleId :

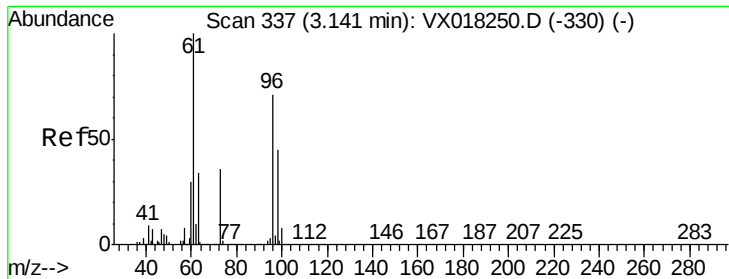
Tot Ion: 41 Resp: 135919
Ion Ratio Lower Upper
41 100
39 70.1 36.0 108.1
76 32.2 18.6 55.6



#18
Methylene Chloride
Concen: 19.334 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion: 84 Resp: 85553
Ion Ratio Lower Upper
84 100
49 126.5 91.6 137.4
51 38.0 29.4 44.0
86 65.9 51.5 77.3





#19

trans-1,2-Dichloroethene

Concen: 19.859 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

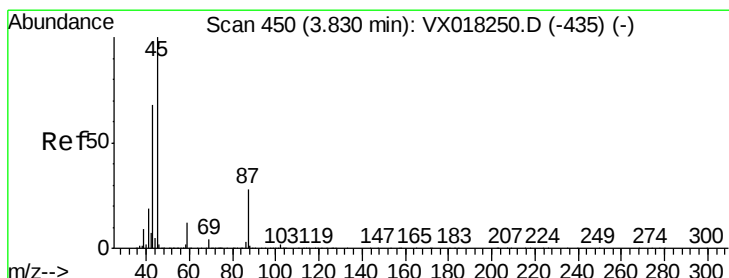
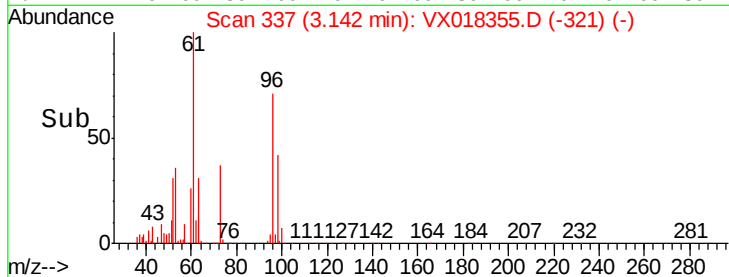
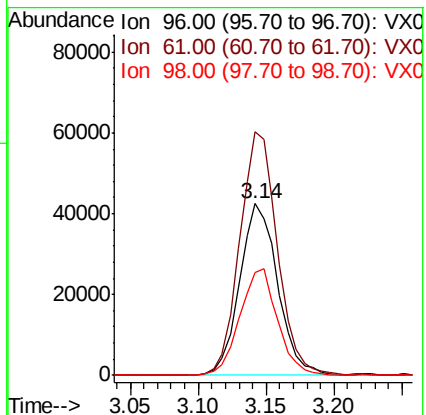
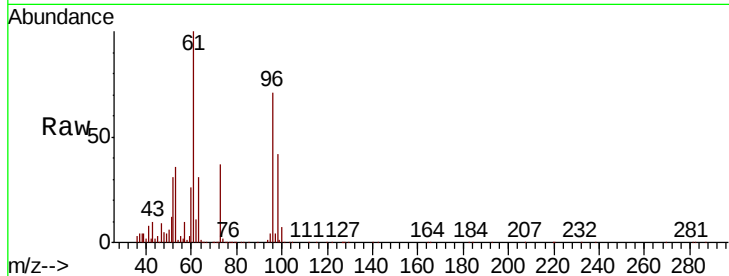
Tot Ion: 96 Resp: 83130

Ion Ratio Lower Upper

96 100

61 141.7 112.8 169.2

98 59.9 51.0 76.4



#20

Diisopropyl ether

Concen: 20.272 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Tgt Ion: 45 Resp: 270458

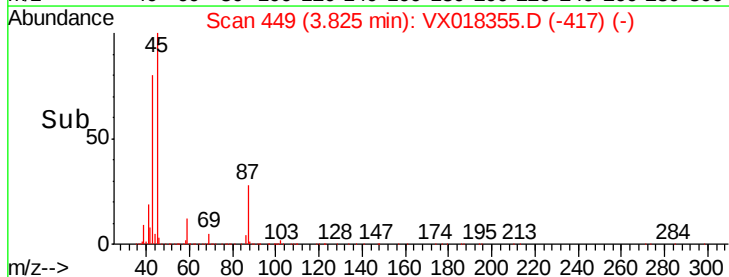
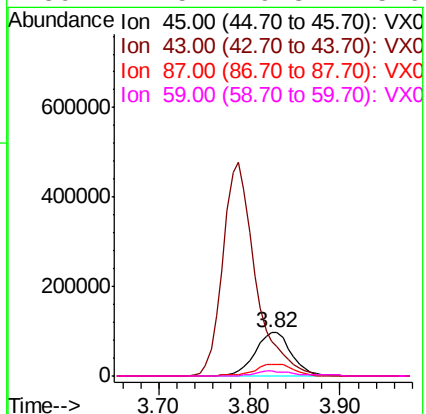
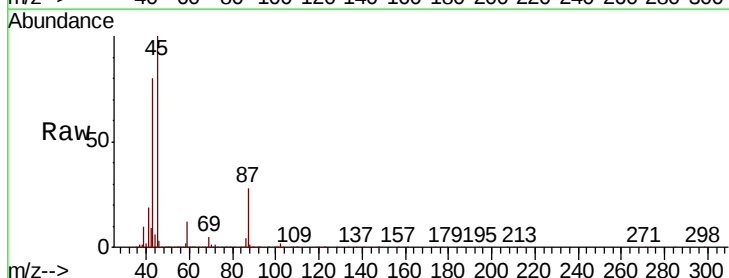
Ion Ratio Lower Upper

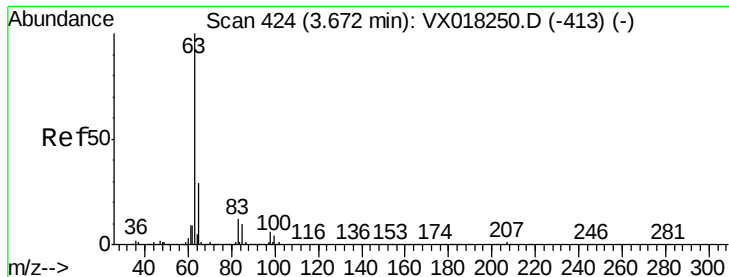
45 100

43 79.6 54.5 81.7

87 27.8 22.2 33.2

59 11.5 9.3 13.9





#21

1,1-Dichloroethane

Concen: 19.559 ug/l

RT: 3.67 min Scan# 424

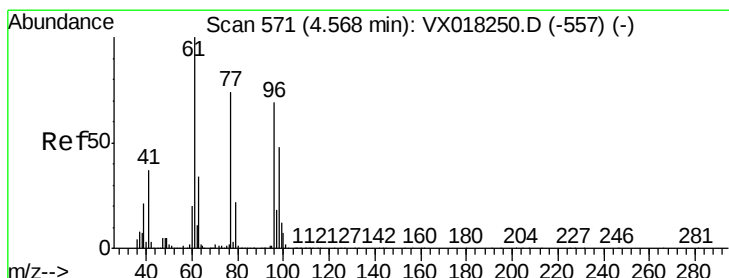
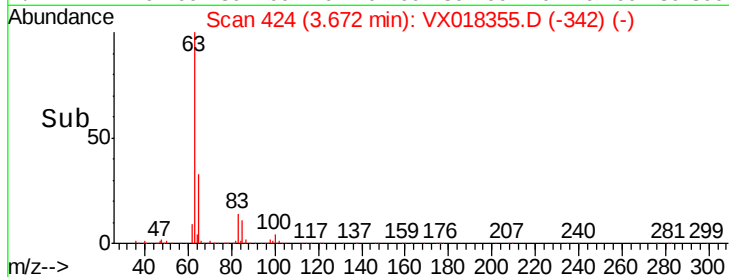
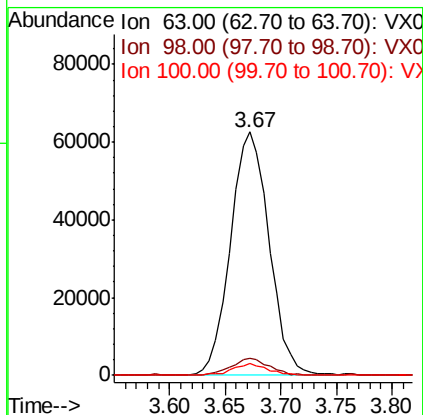
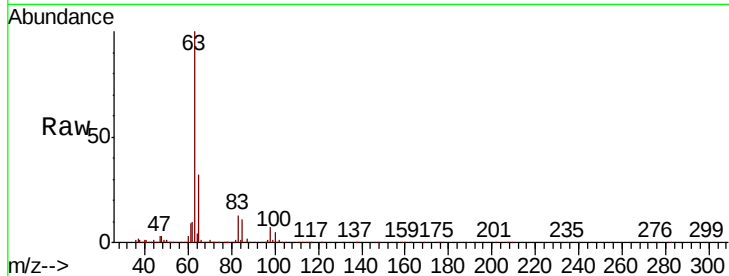
Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	63	Resp:	149776
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.2	9.6
100	5.0	2.1	6.3



#22

cis-1,2-Dichloroethene

Concen: 20.436 ug/l

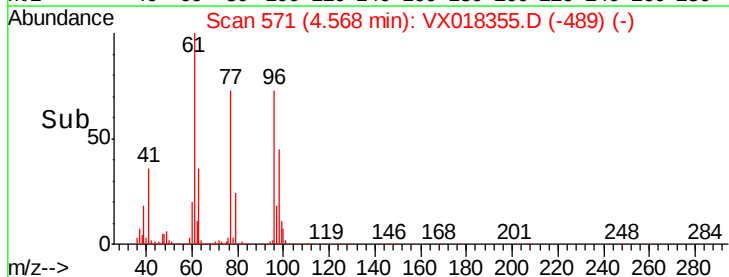
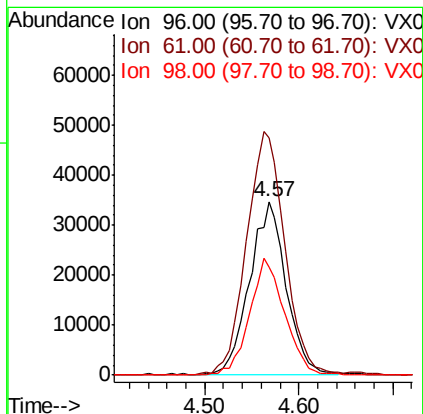
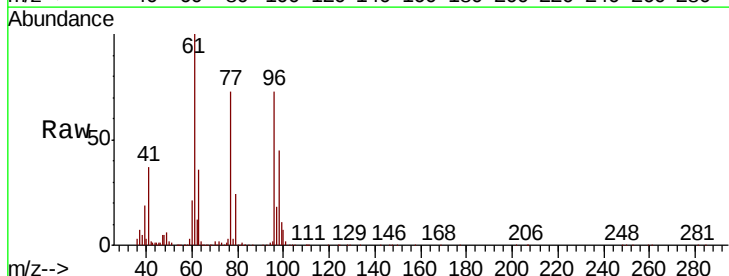
RT: 4.57 min Scan# 571

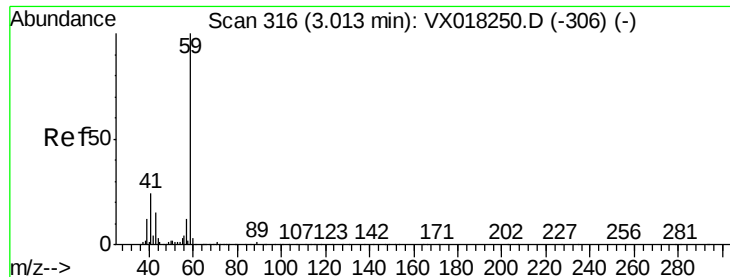
Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Tgt Ion:	96	Resp:	94651
Ion	Ratio	Lower	Upper
96	100		
61	145.8	116.2	174.4
98	63.6	52.5	78.7



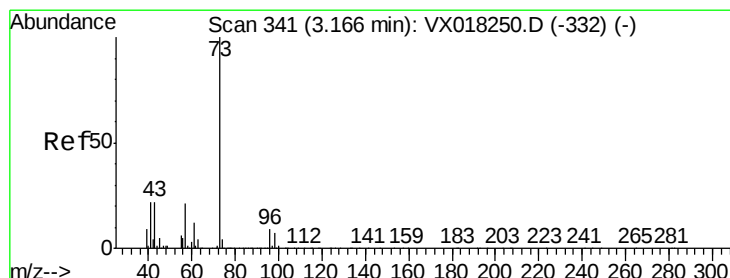
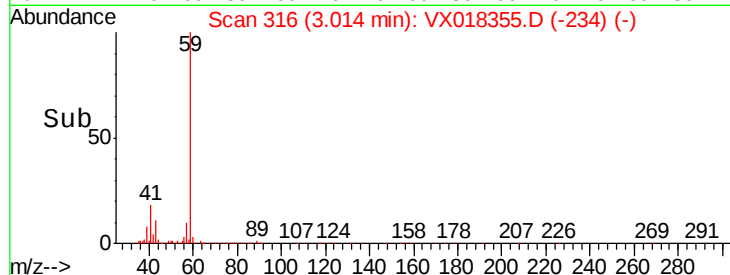
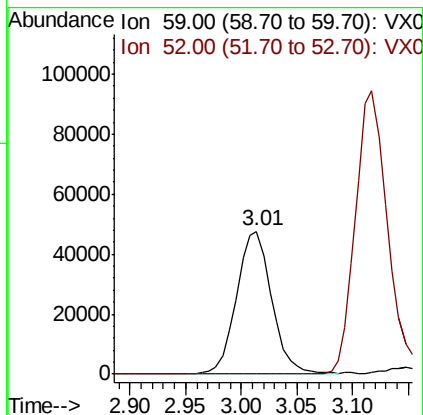
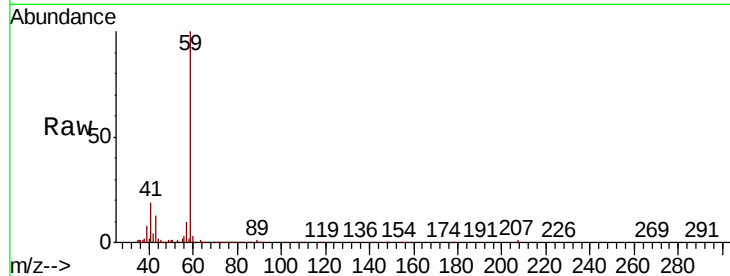


#23

tert-Butyl Alcohol
 Concen: 106.997 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Instrument :
 MSVOA_X
 ClientSampled :

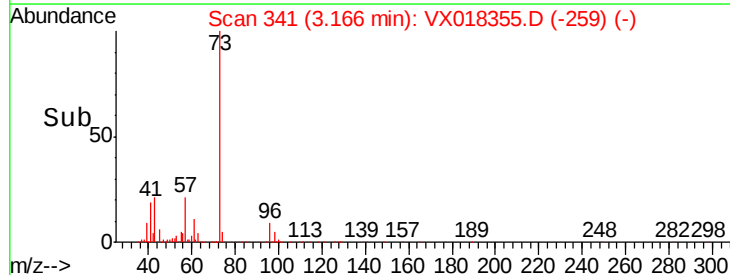
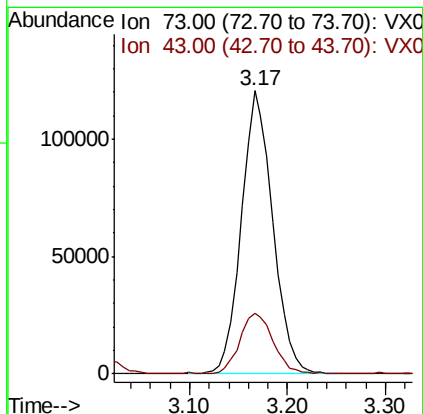
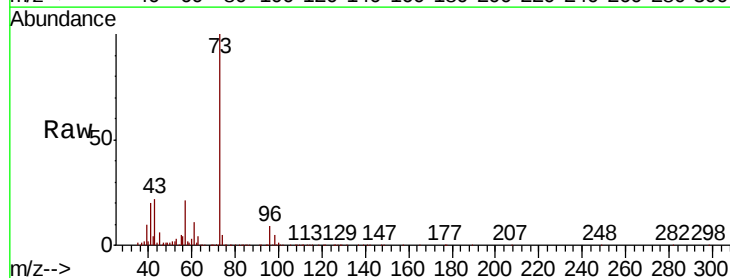
Tot Ion: 59 Resp: 104272
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.4 0.6#

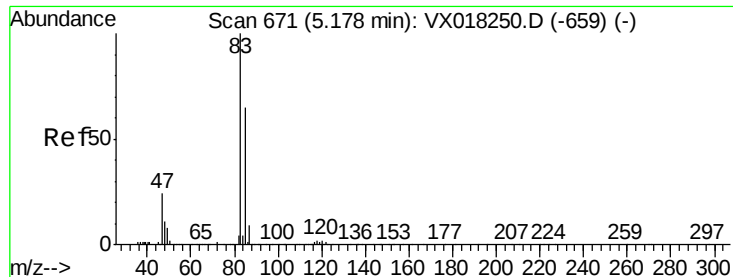


#24

Methyl tert-Butyl Ether
 Concen: 19.994 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion: 73 Resp: 268005
 Ion Ratio Lower Upper
 73 100
 43 22.4 17.8 26.6





#25

Chloroform

Concen: 20.136 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

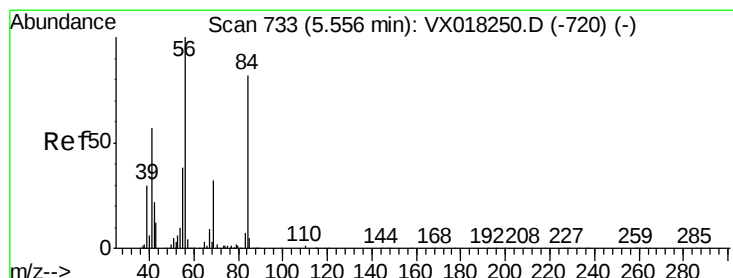
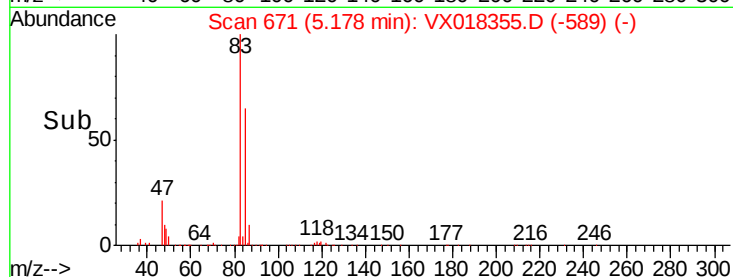
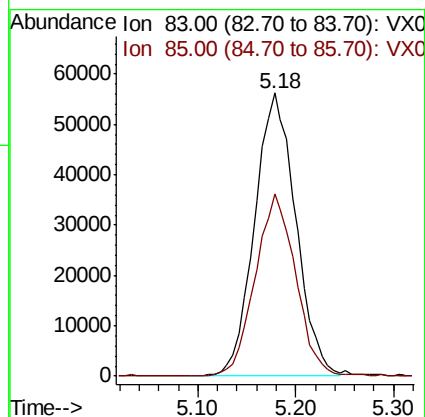
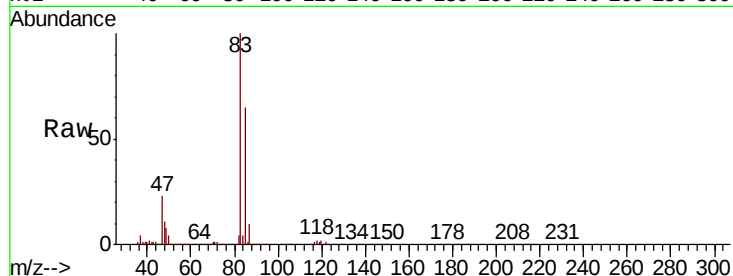
ClientSampleId :

Tot Ion: 83 Resp: 164561

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4



#26

Cyclohexane

Concen: 19.069 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

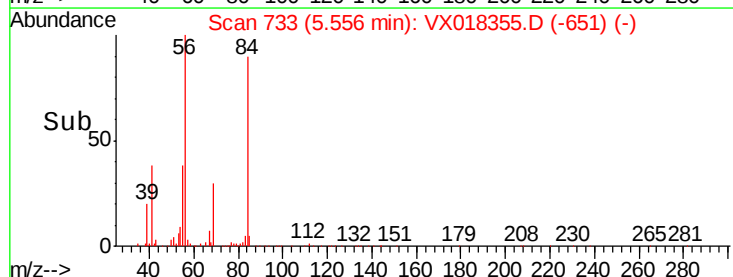
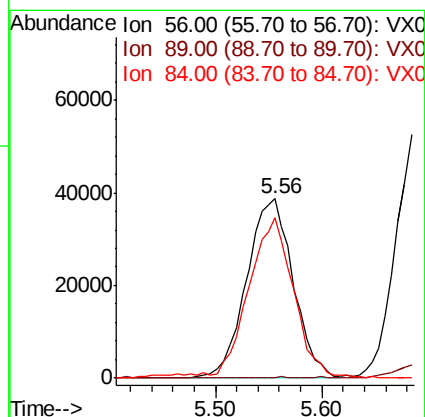
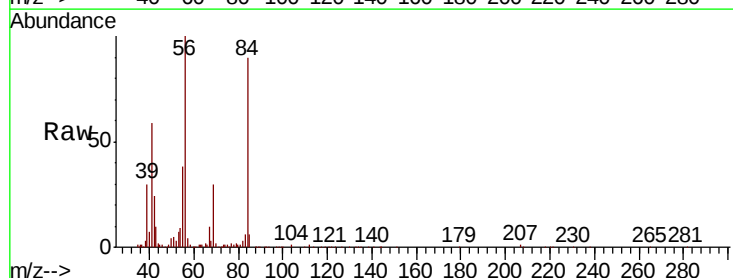
Tgt Ion: 56 Resp: 117865

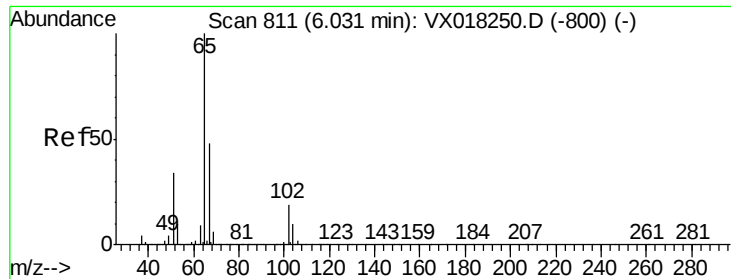
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1

84 83.4 41.0 61.4#





#27

1,2-Dichloroethane-d4

Concen: 30.378 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

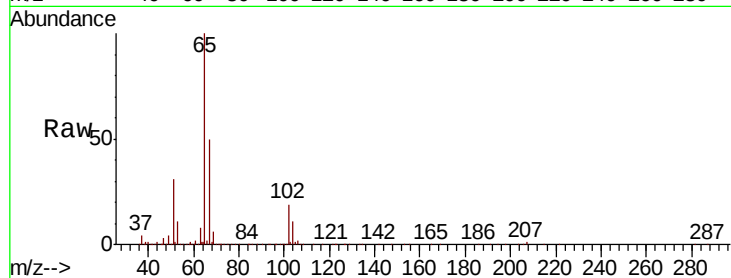
ClientSampleId :

Tot Ion: 65 Resp: 179631

Ion Ratio Lower Upper

65 100

67 51.3 39.9 59.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.04

60000

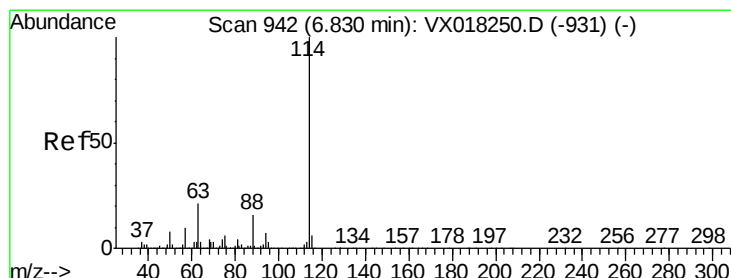
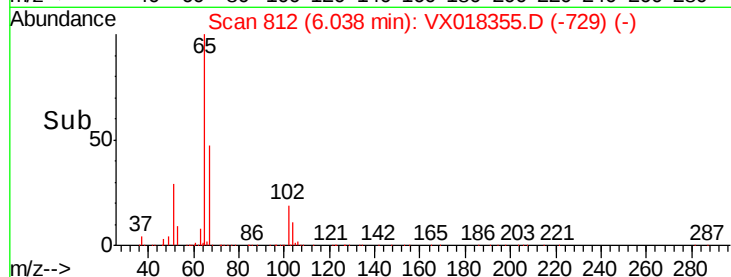
40000

20000

0

5.90 6.00 6.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

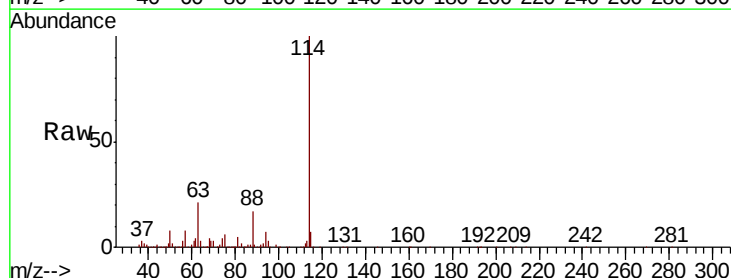
Tgt Ion:114 Resp: 383185

Ion Ratio Lower Upper

114 100

63 20.9 16.7 25.1

88 16.2 12.6 18.8



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

6.83

200000

150000

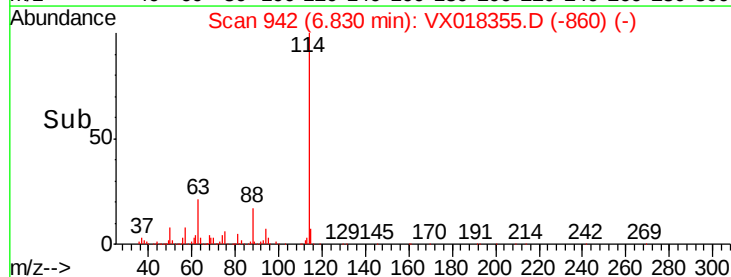
100000

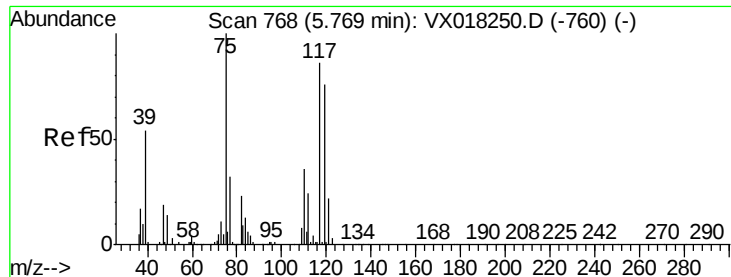
50000

0

6.70 6.80 6.90 7.00

Time-->

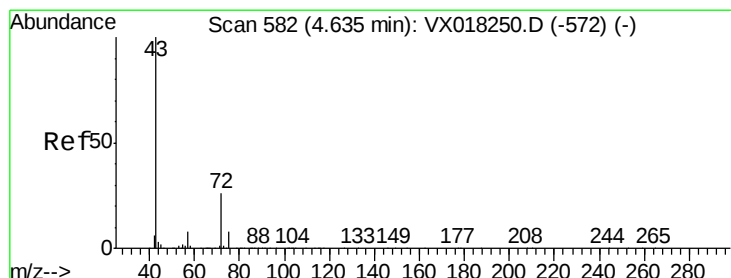
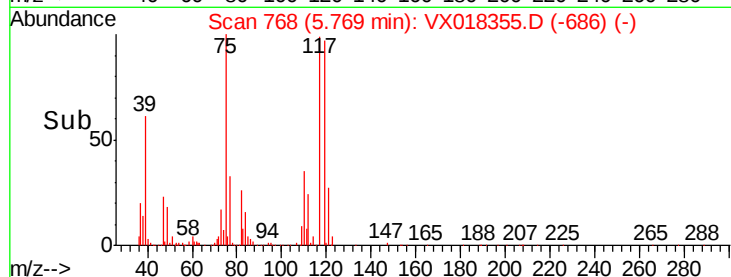
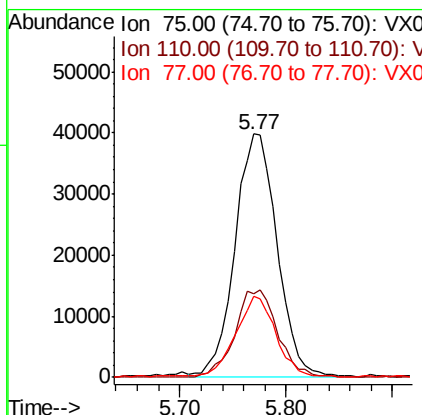
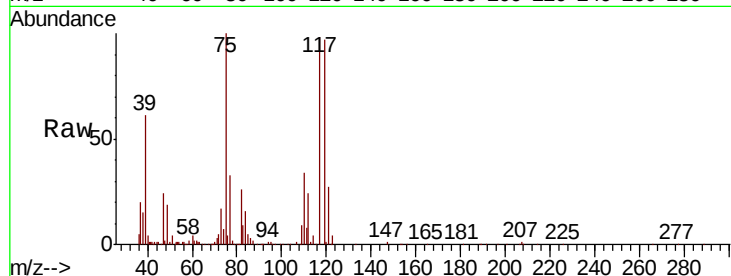




#29
 1,1-Dichloropropene
 Concen: 18.957 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

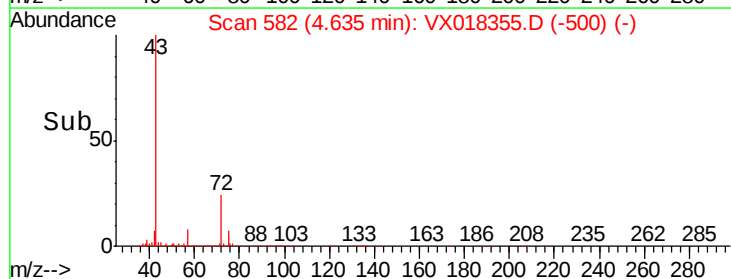
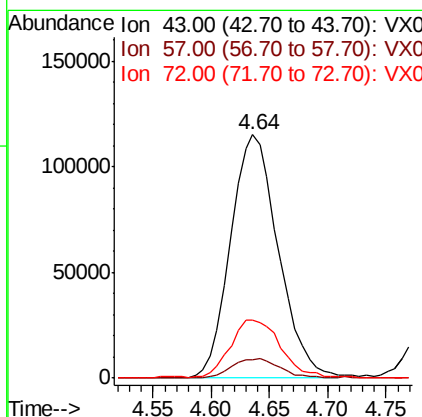
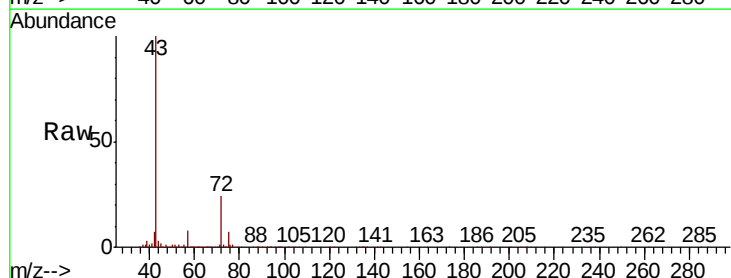
Instrument :
 MSVOA_X
 ClientSampled :

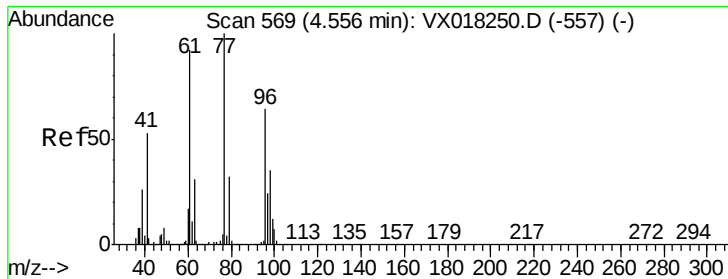
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.2	0.0	72.2
77	31.8	0.0	61.0



#30
 2-Butanone
 Concen: 101.522 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.7	10.1
72	24.3	20.0	30.0





#31

2,2-Dichloropropane

Concen: 19.630 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

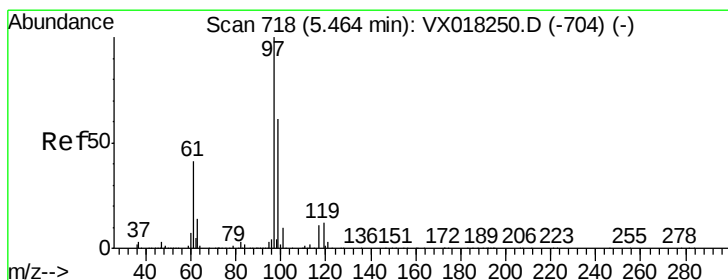
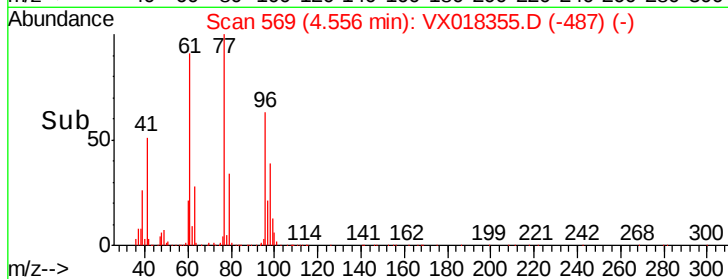
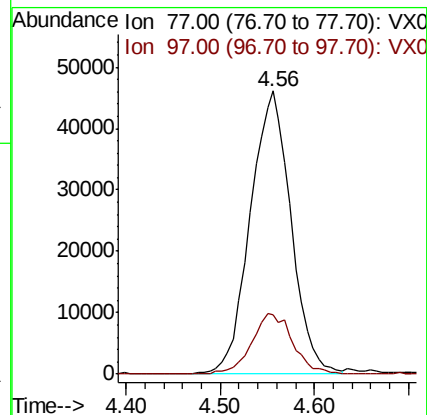
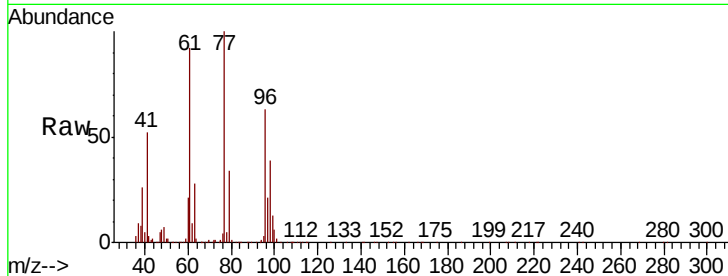
ClientSampled :

Tot Ion: 77 Resp: 138692

Ion Ratio Lower Upper

77 100

97 21.8 18.1 27.1



#32

1,1,1-Trichloroethane

Concen: 19.984 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

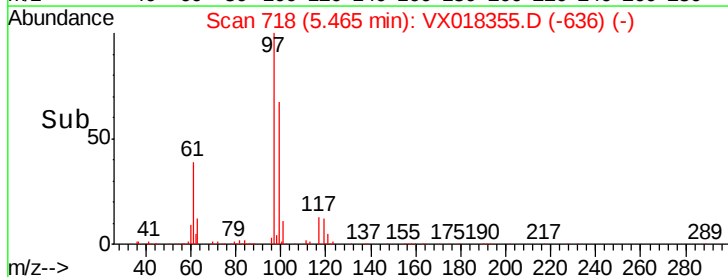
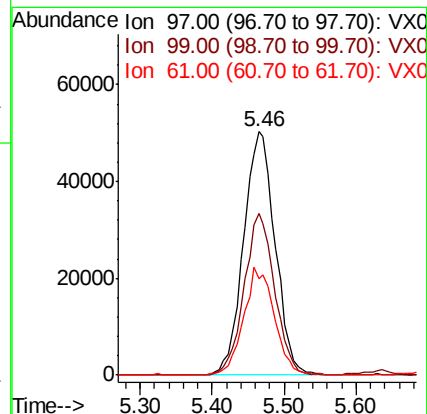
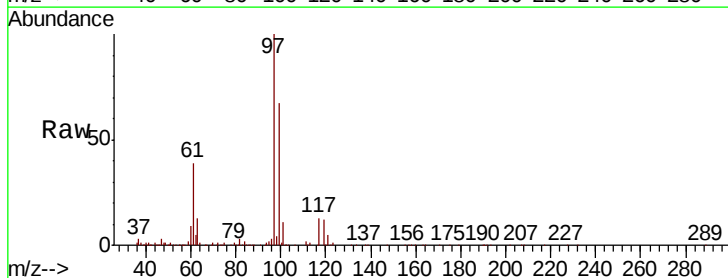
Tgt Ion: 97 Resp: 152997

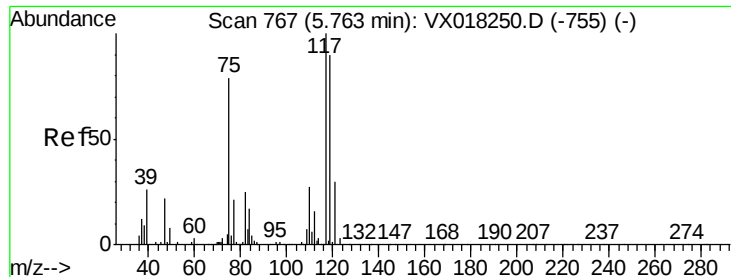
Ion Ratio Lower Upper

97 100

99 64.0 50.7 76.1

61 42.7 34.5 51.7





#33

Carbon Tetrachloride

Concen: 19.290 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

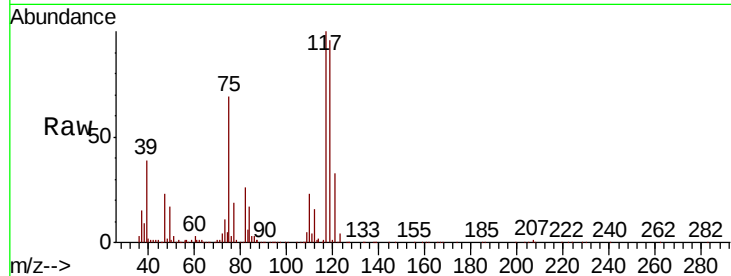
Tot Ion:117 Resp: 137615

Ion Ratio Lower Upper

117 100

119 95.4 72.3 108.5

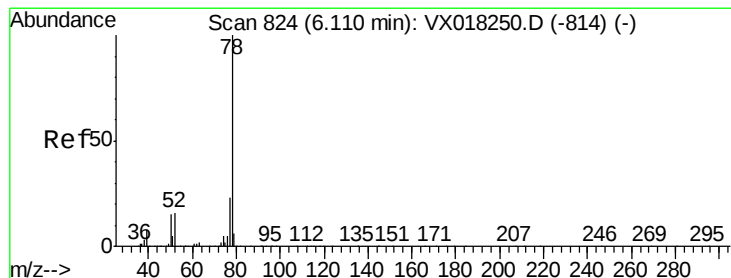
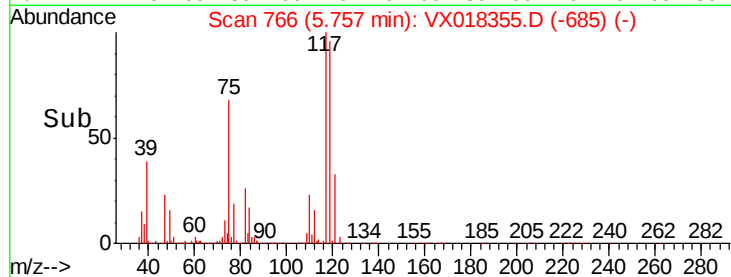
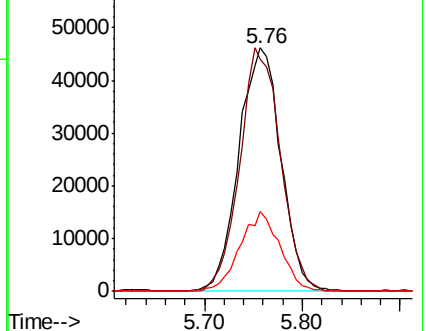
121 32.8 24.1 36.1



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: 19.796 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

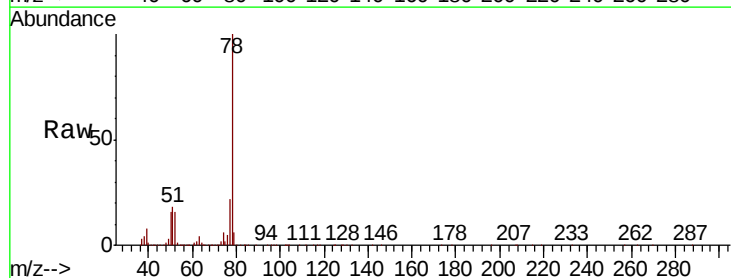
Tgt Ion: 78 Resp: 330521

Ion Ratio Lower Upper

78 100

77 21.6 18.3 27.5

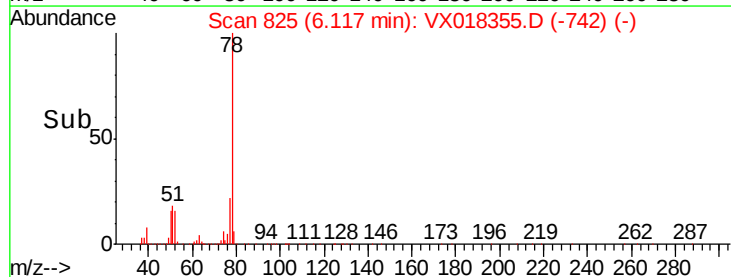
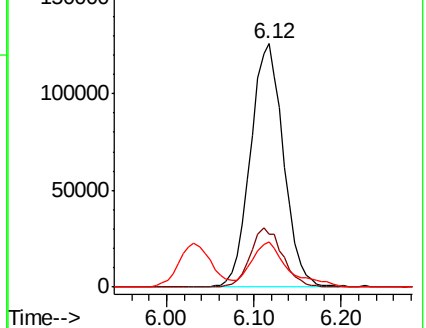
51 17.6 11.3 16.9#

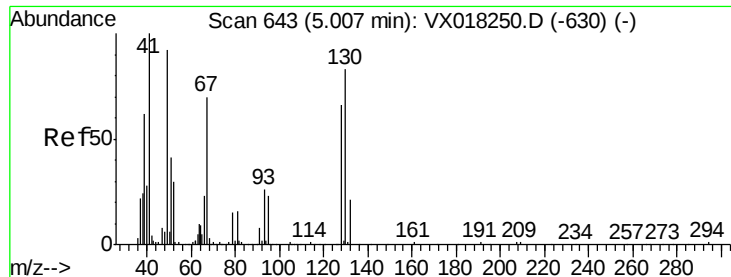


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

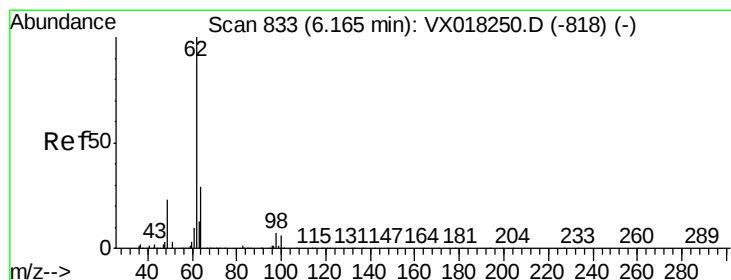
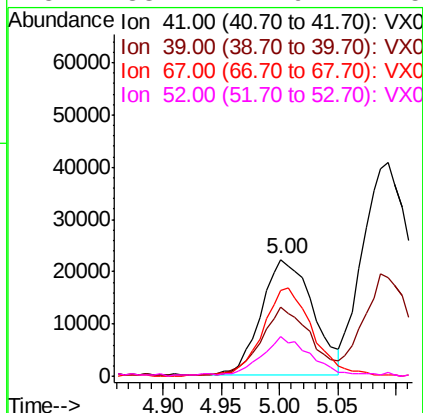
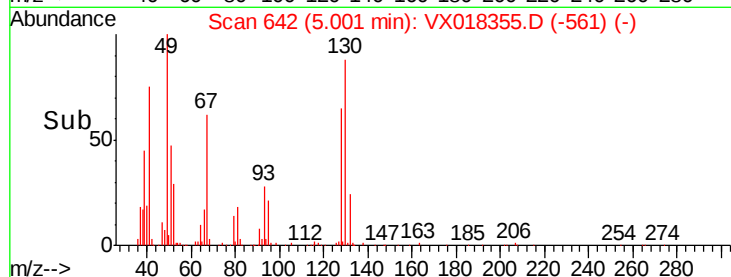
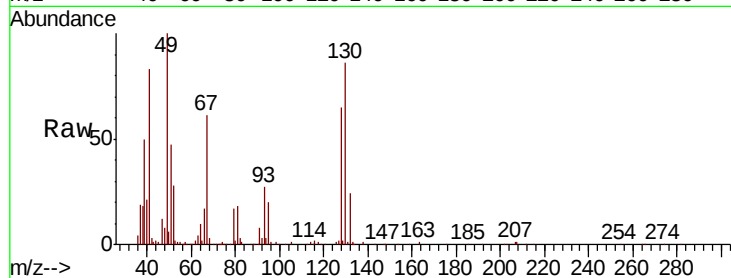




#35
Methacrylonitrile
Concen: 20.412 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

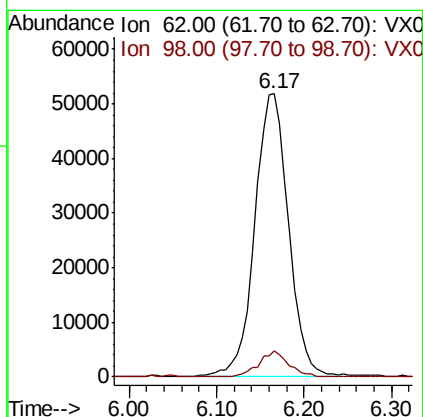
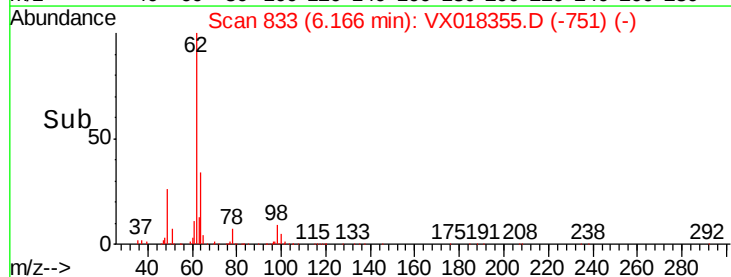
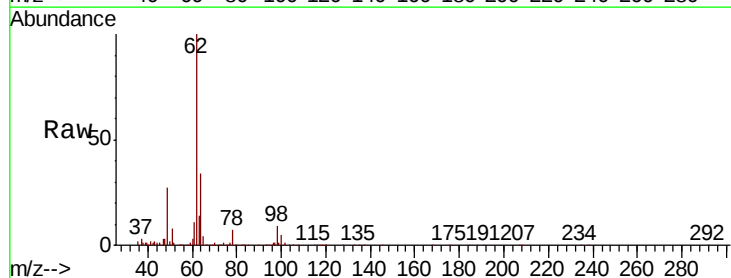
Instrument :
MSVOA_X
ClientSampleId :

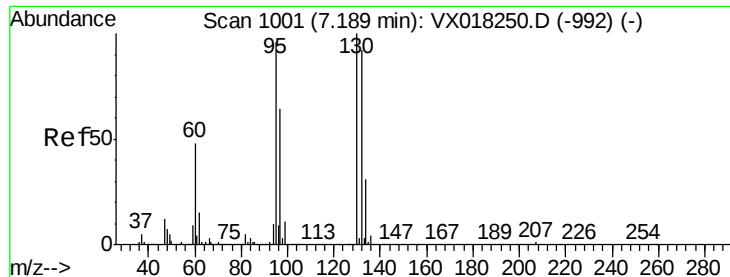
Tot Ion:	41	Resp:	68896
Ion	Ratio	Lower	Upper
41	100		
39	59.1	31.3	93.9
67	73.1	35.4	106.2
52	33.4	14.9	44.5



#36
1,2-Dichloroethane
Concen: 20.262 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion:	62	Resp:	140012
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	0.0#

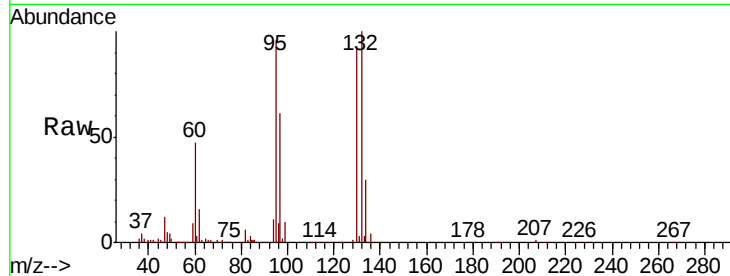




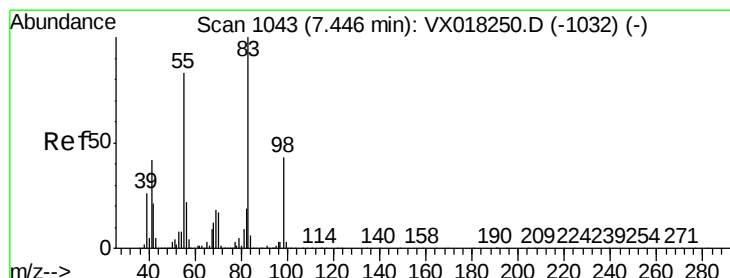
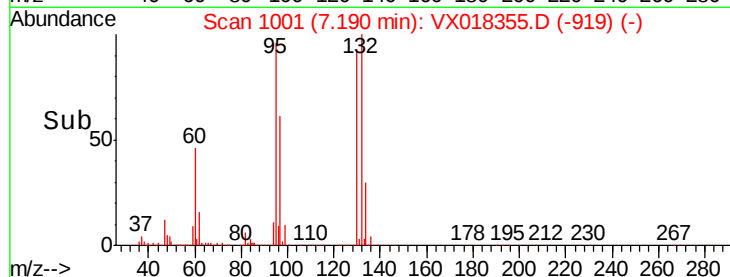
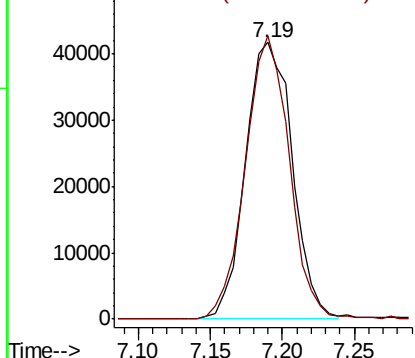
#37
 Trichloroethene
 Concen: 19.445 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 93881
 Ion Ratio Lower Upper
 130 100
 95 102.0 76.9 115.3

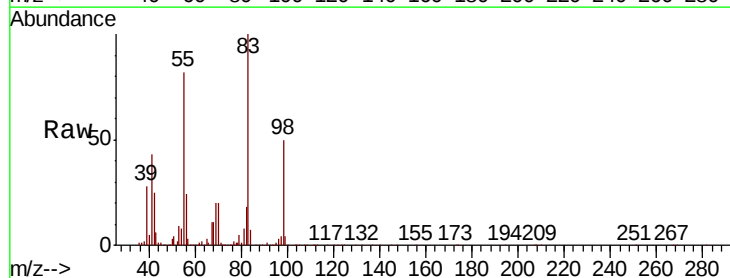


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

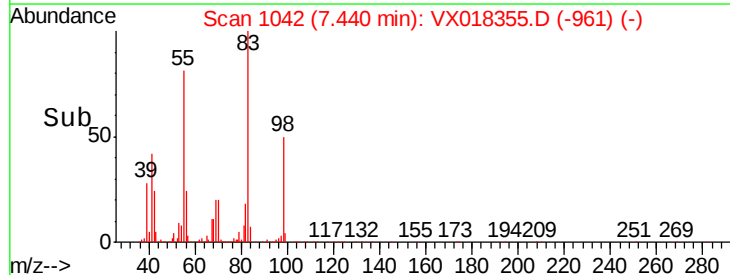
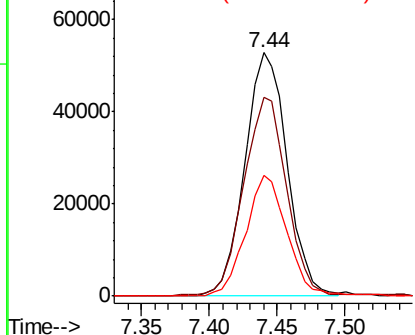


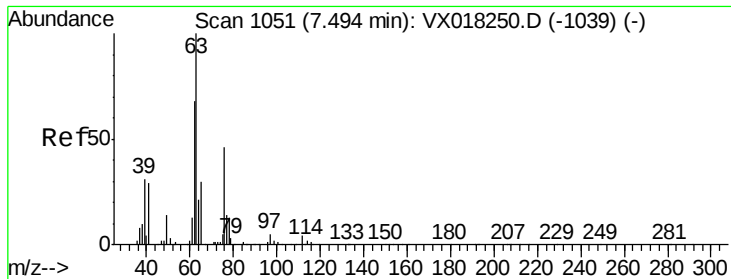
#38
 Methylcyclohexane
 Concen: 18.490 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion: 83 Resp: 115200
 Ion Ratio Lower Upper
 83 100
 55 82.6 41.1 123.4
 98 48.2 24.0 72.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

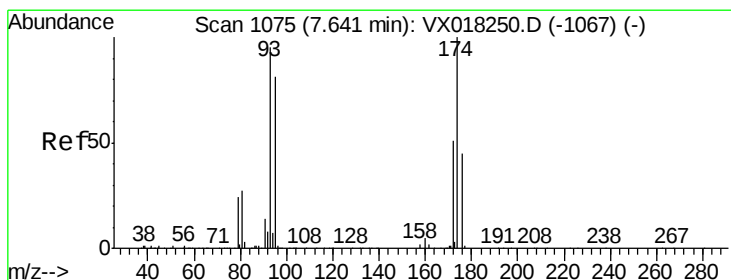
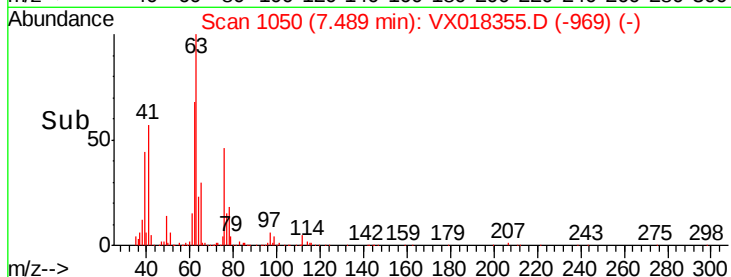
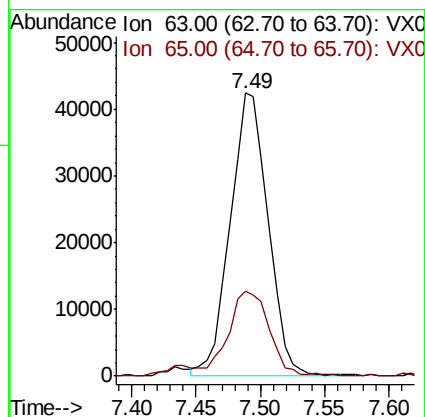
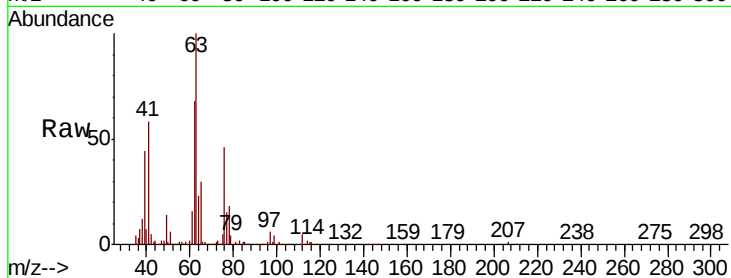




#39
 1,2-Dichloropropane
 Concen: 19.374 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

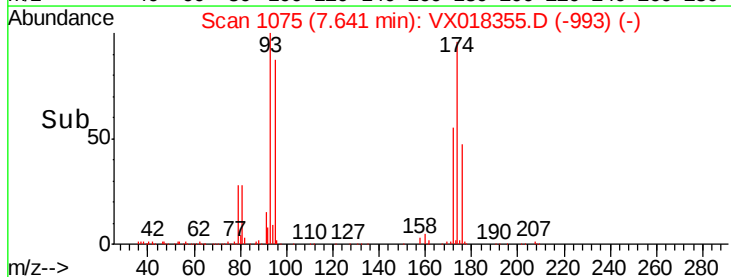
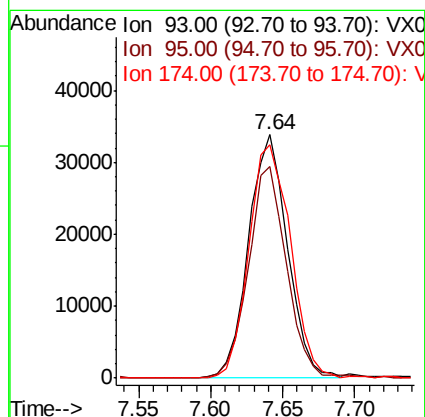
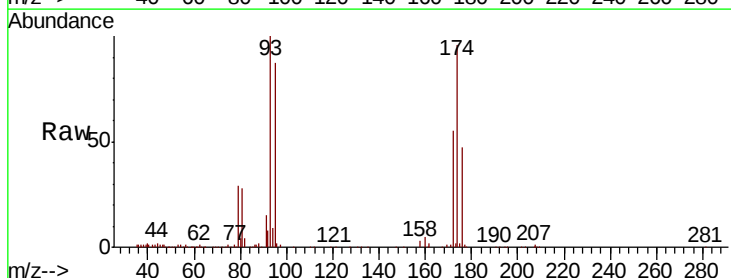
Instrument :
 MSVOA_X
 ClientSampleId :

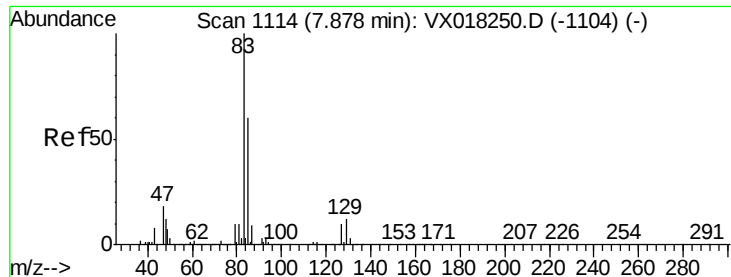
Tot Ion: 63 Resp: 86638
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.7 38.5



#40
 Dibromomethane
 Concen: 19.627 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion: 93 Resp: 63382
 Ion Ratio Lower Upper
 93 100
 95 84.4 0.0 167.0
 174 102.2 0.0 202.0





#41

Bromodichloromethane

Concen: 19.415 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

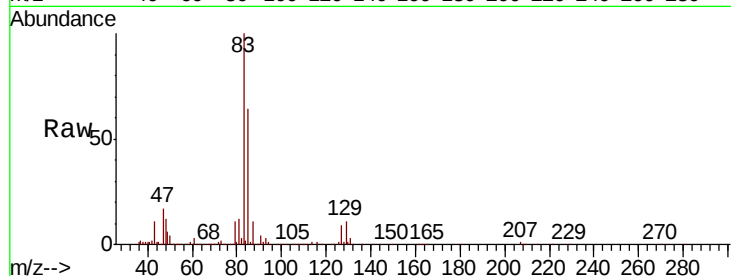
Tot Ion: 83 Resp: 129947

Ion Ratio Lower Upper

83 100

85 64.0 48.2 72.2

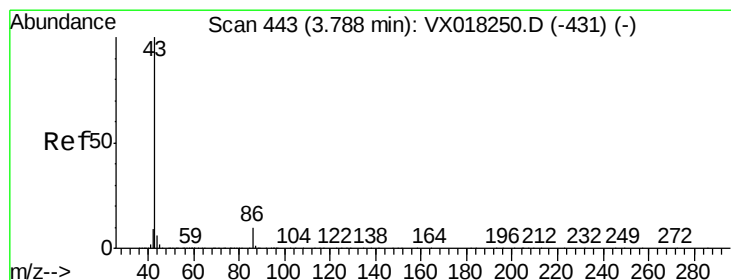
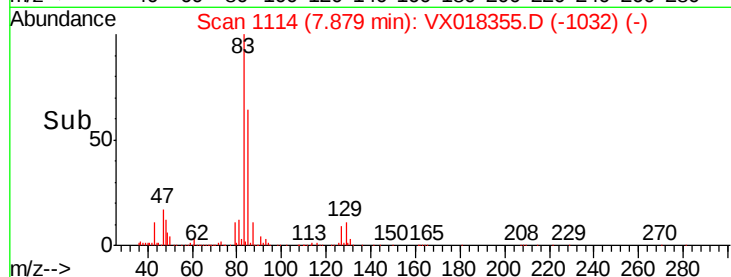
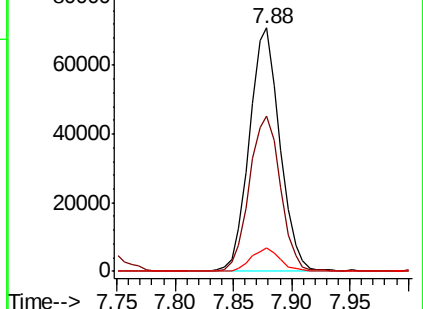
127 9.4 8.0 12.0



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: 100.614 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018355.D

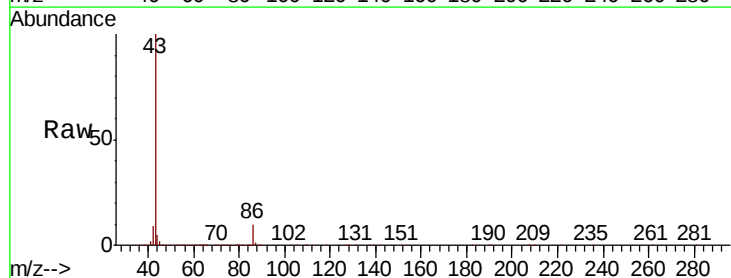
Acq: 11 Sep 2020 12:31

Tgt Ion: 43 Resp: 1202225

Ion Ratio Lower Upper

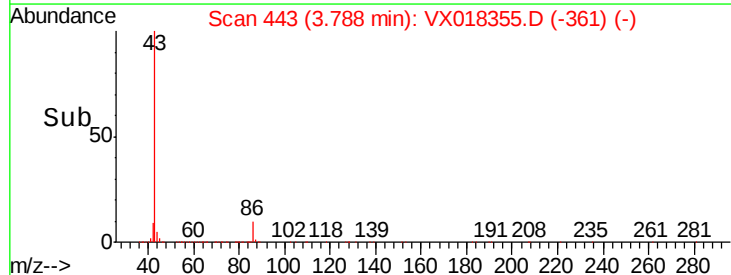
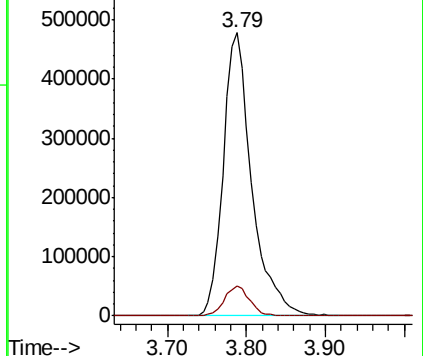
43 100

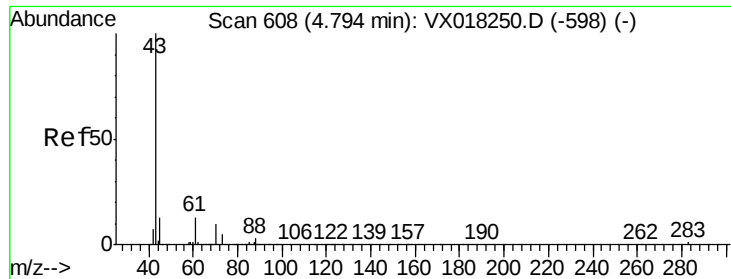
86 9.3 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

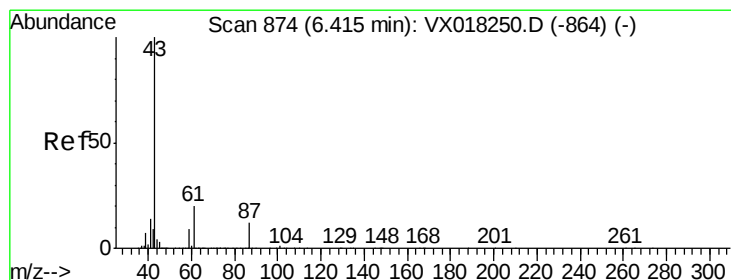
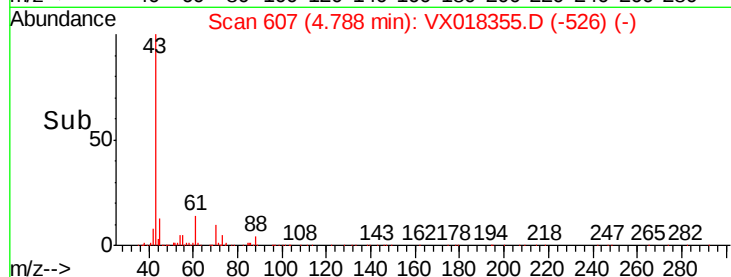
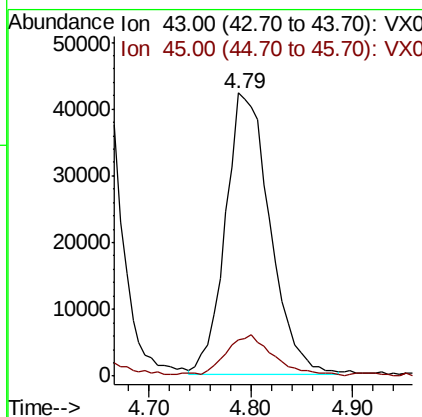
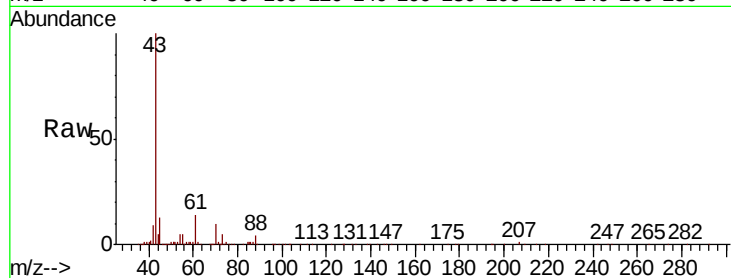




#43
Ethyl Acetate
Concen: 20.115 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

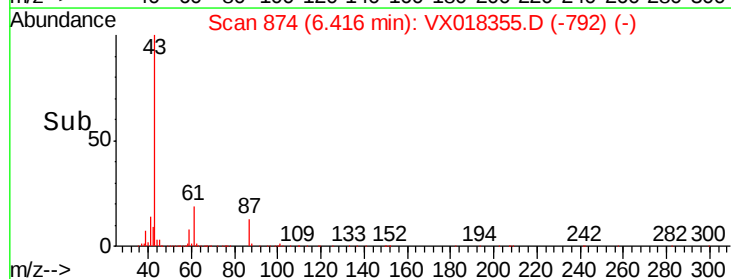
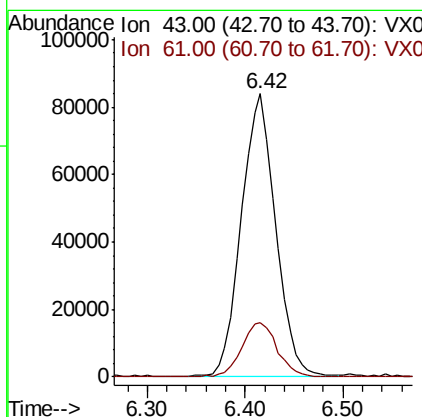
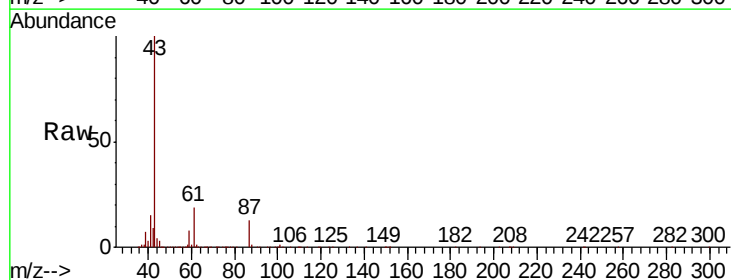
Instrument :
MSVOA_X
ClientSampleId :

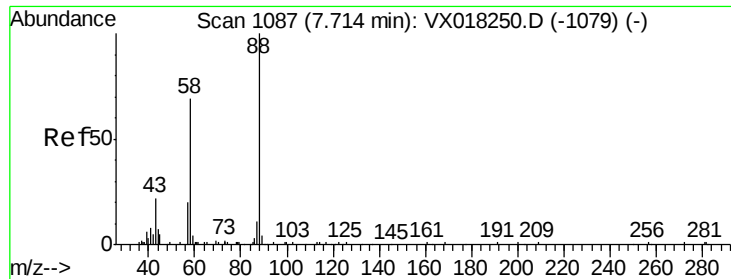
Tot Ion: 43 Resp: 128099
Ion Ratio Lower Upper
43 100
45 15.1 11.2 16.8



#44
Isopropyl Acetate
Concen: 19.806 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion: 43 Resp: 203270
Ion Ratio Lower Upper
43 100
61 19.7 14.6 22.0





#45

1,4-Dioxane

Concen: 427.122 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

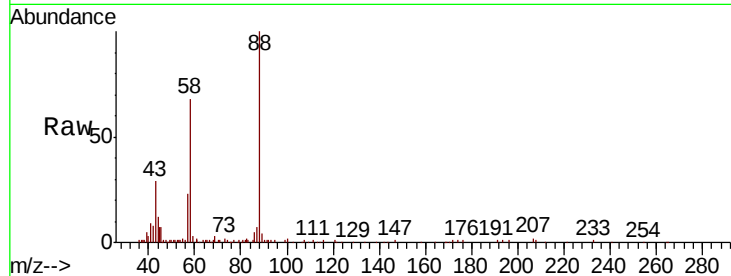
Tot Ion: 88 Resp: 36622

Ion Ratio Lower Upper

88 100

43 35.7 13.6 20.4#

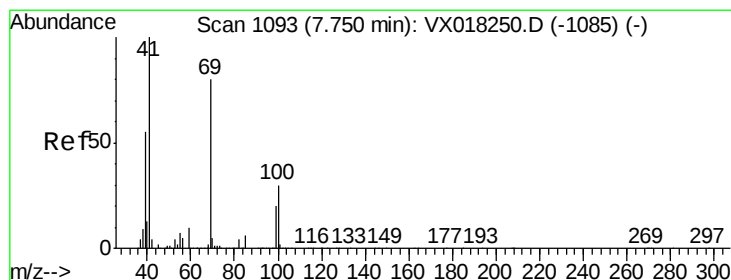
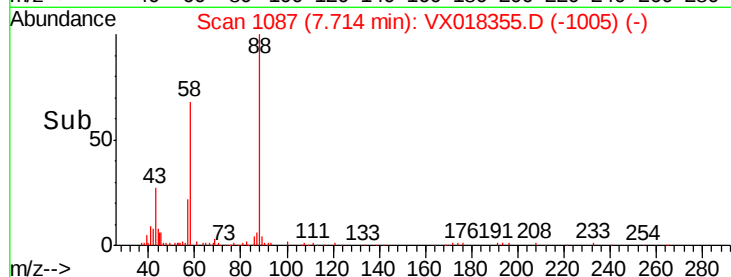
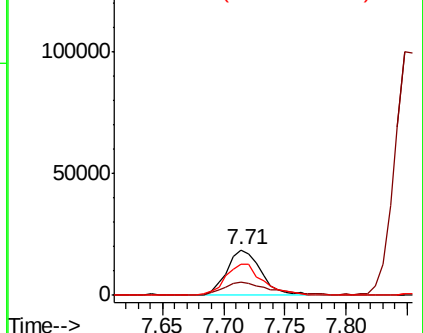
58 71.6 58.2 87.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.350 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

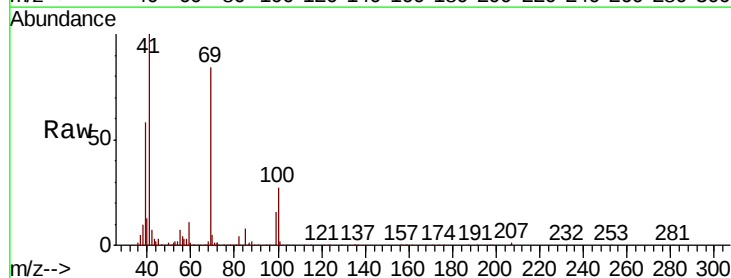
Tgt Ion: 41 Resp: 97742

Ion Ratio Lower Upper

41 100

69 84.0 40.3 120.8

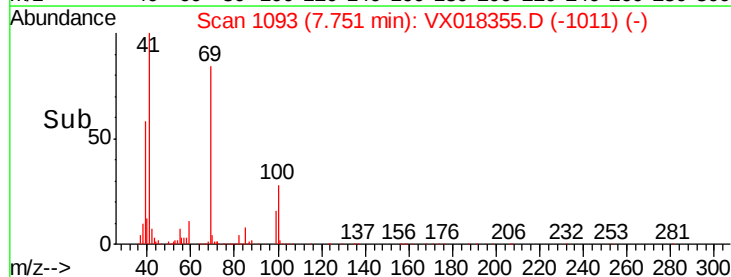
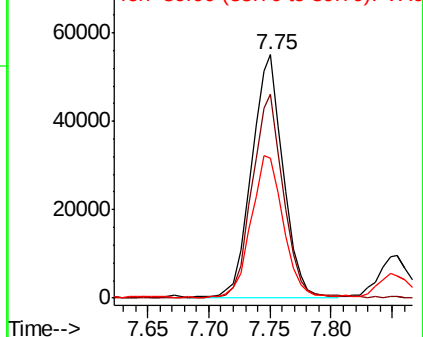
39 57.4 27.3 81.9

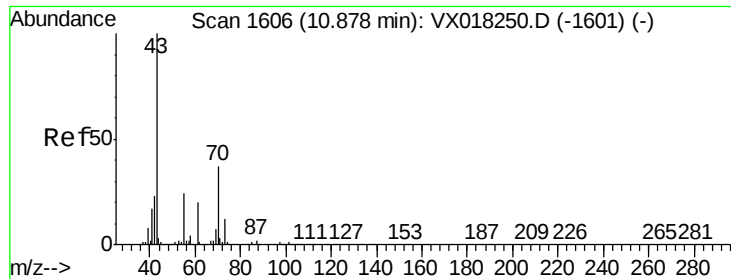


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

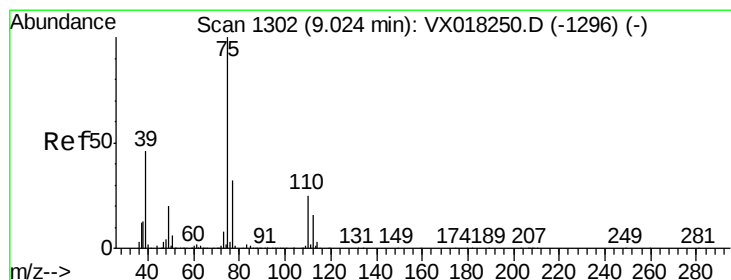
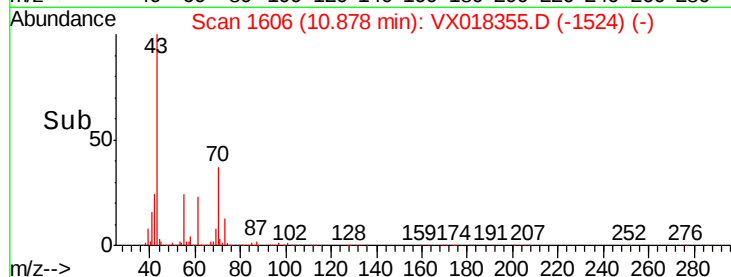
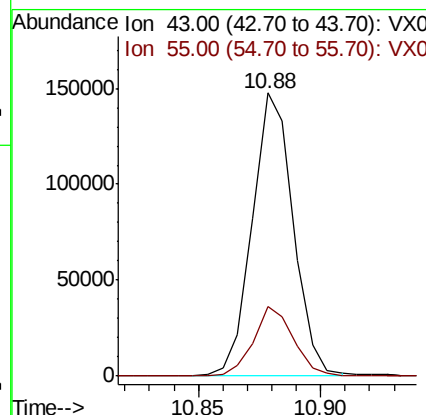
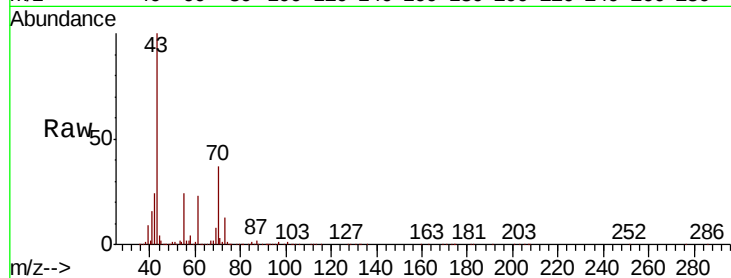




#47
 n-amvl Acetate
 Concen: 18.872 ug/l
 RT: 10.88 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

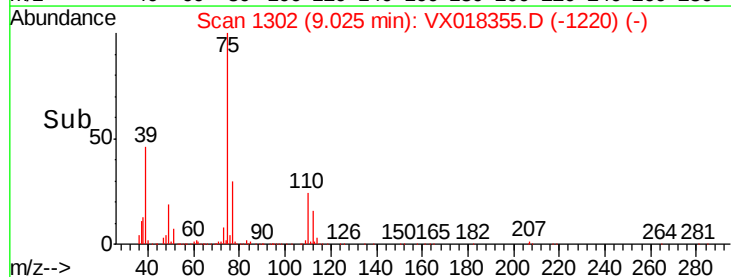
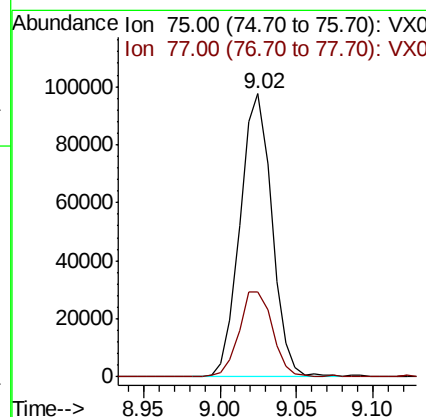
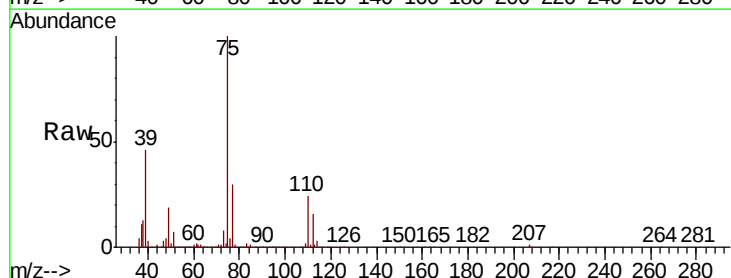
Instrument :
 MSVOA_X
 ClientSampleId :

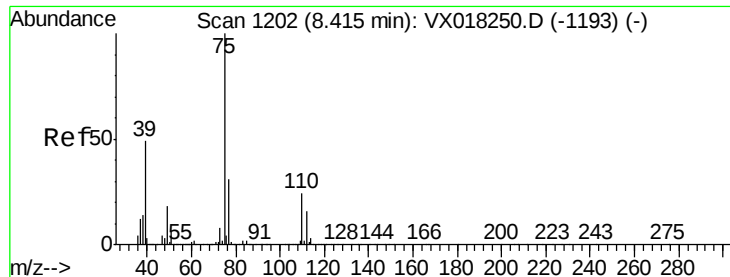
Tot Ion: 43 Resp: 170197
 Ion Ratio Lower Upper
 43 100
 55 23.8 18.9 28.3



#48
 t-1,3-Dichloropropene
 Concen: 19.642 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion: 75 Resp: 141215
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.2



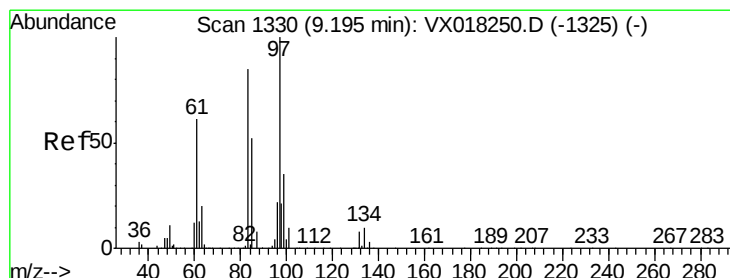
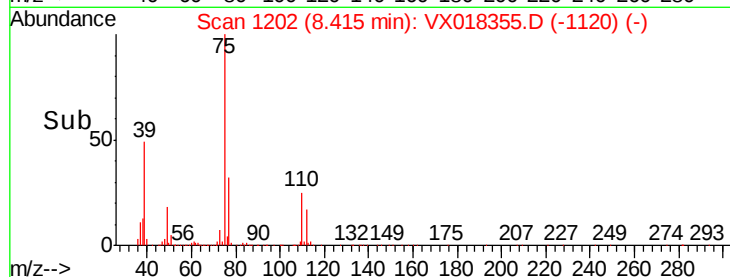
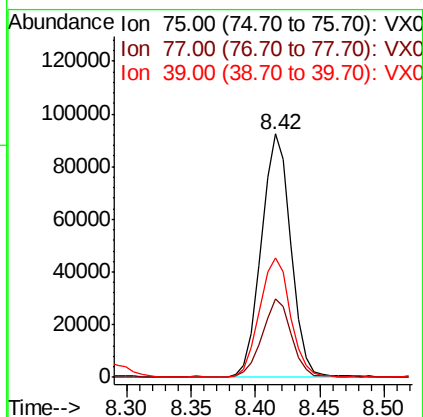
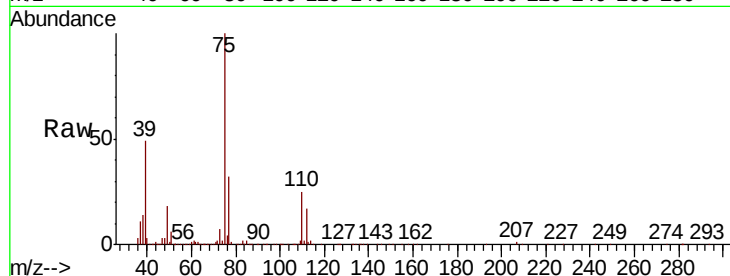


#49

cis-1,3-Dichloropropene
 Concen: 19.362 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Instrument :
 MSVOA_X
 ClientSampleId :

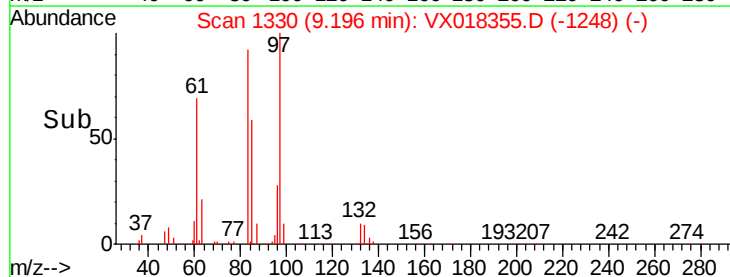
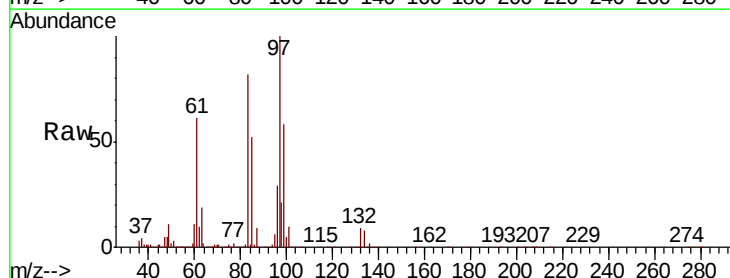
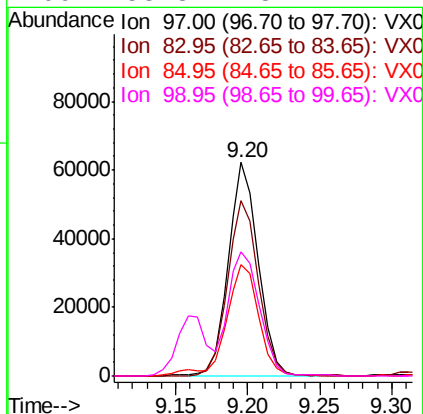
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.7	37.1
39	48.5	39.6	59.4

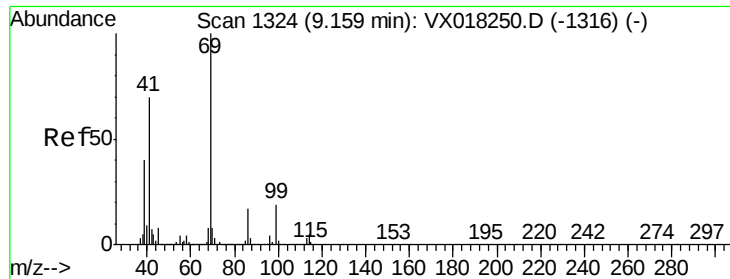


#50

1,1,2-Trichloroethane
 Concen: 19.945 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.1	68.1	102.1
85	52.4	42.6	64.0
99	58.3	48.2	72.2





#51

Ethyl methacrylate

Concen: 19.923 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

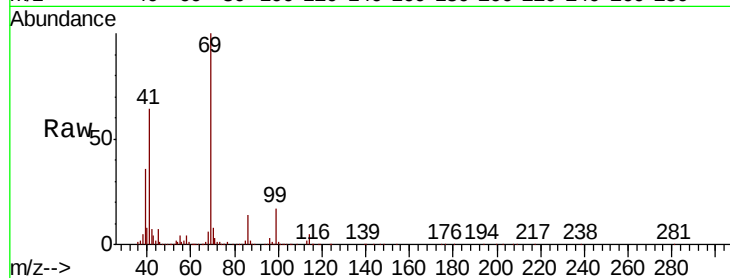
Tot Ion: 69 Resp: 129867

Ion Ratio Lower Upper

69 100

41 63.7 34.9 104.7

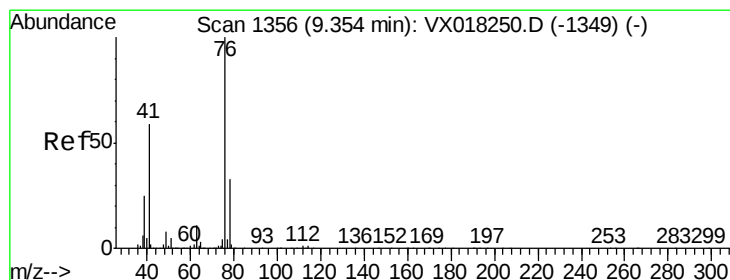
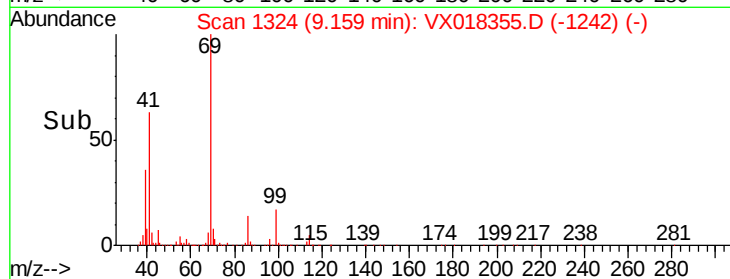
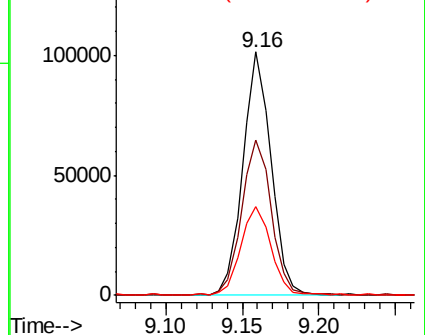
39 36.1 19.8 59.3



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



#52

1,3-Dichloropropane

Concen: 19.576 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018355.D

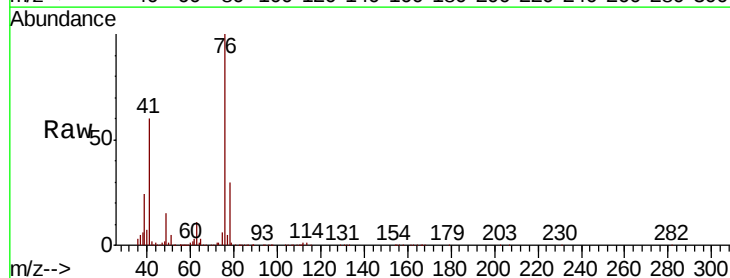
Acq: 11 Sep 2020 12:31

Tgt Ion: 76 Resp: 146214

Ion Ratio Lower Upper

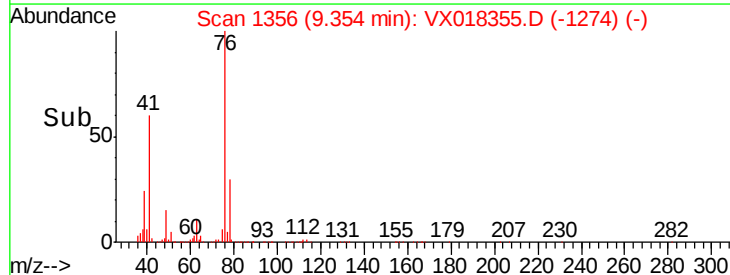
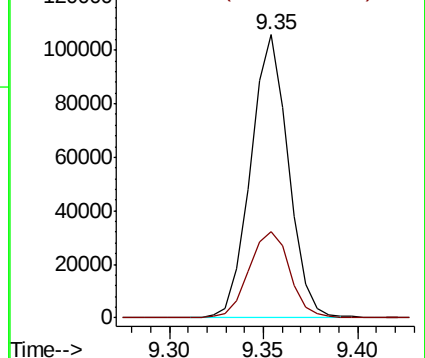
76 100

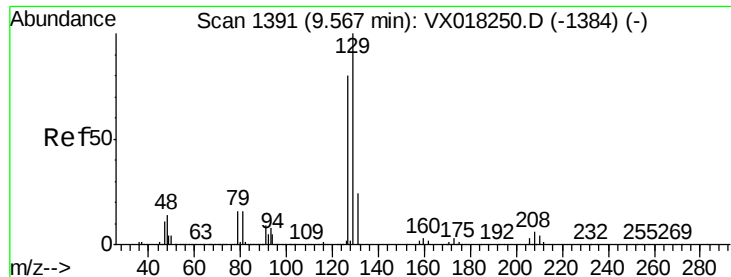
78 32.8 0.0 62.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.804 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

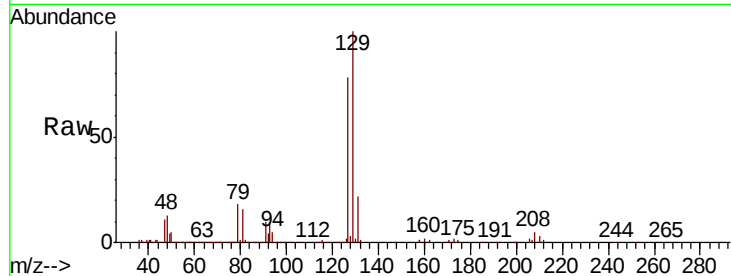
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 110808

Ion Ratio Lower Upper

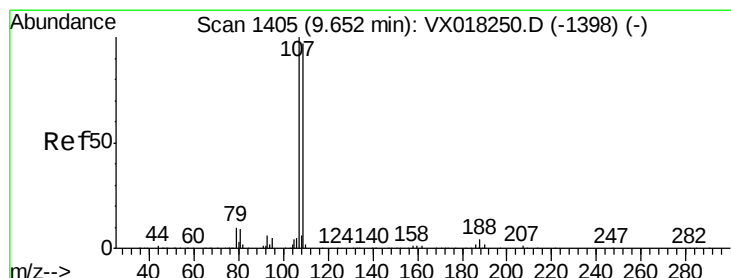
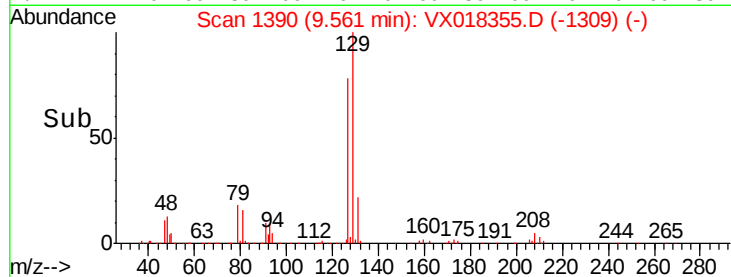
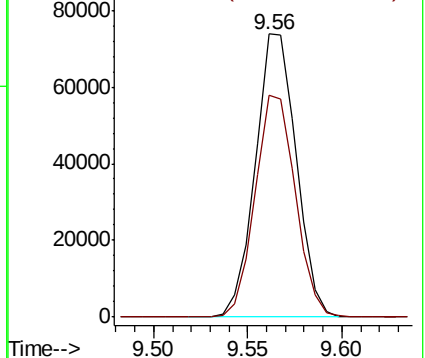
129 100

127 77.3 38.9 116.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.940 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018355.D

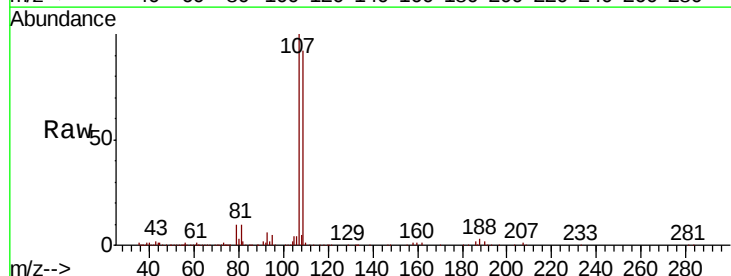
Acq: 11 Sep 2020 12:31

Tgt Ion:107 Resp: 98432

Ion Ratio Lower Upper

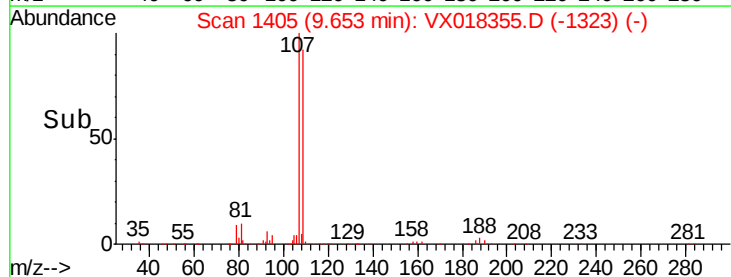
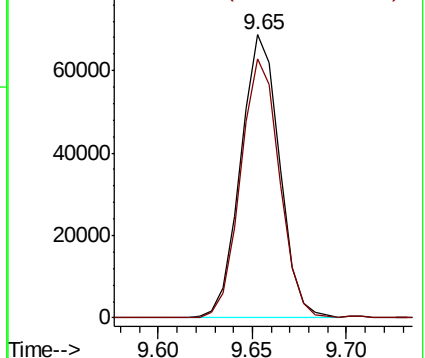
107 100

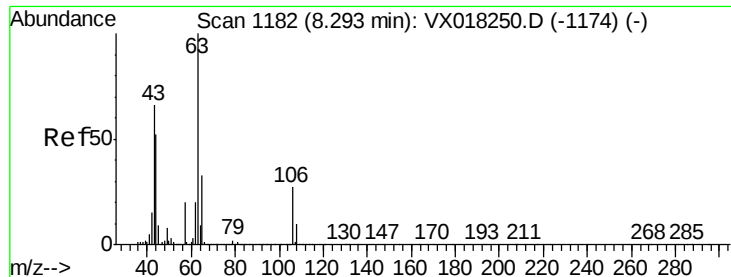
109 91.5 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

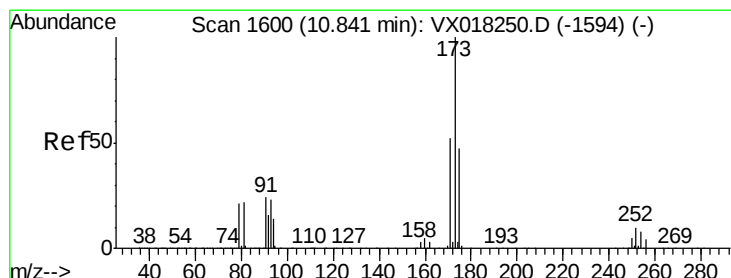
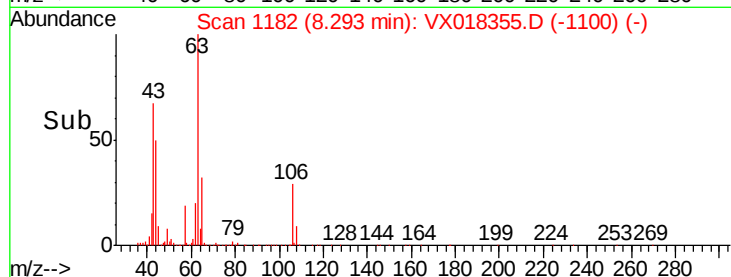
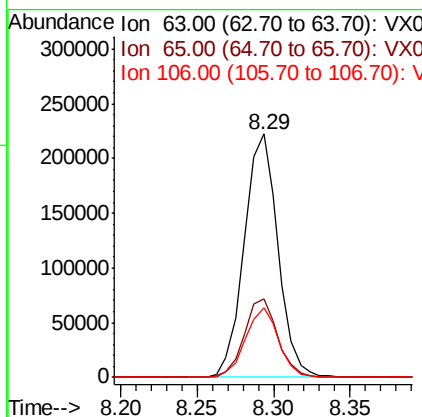
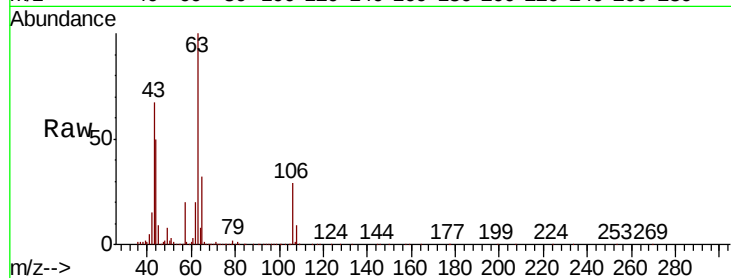




#55
2-Chloroethyl vinyl ether
Concen: 100.143 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

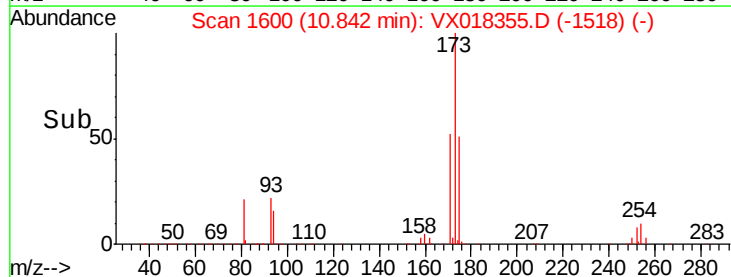
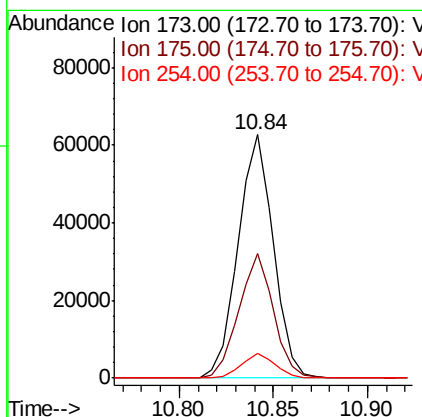
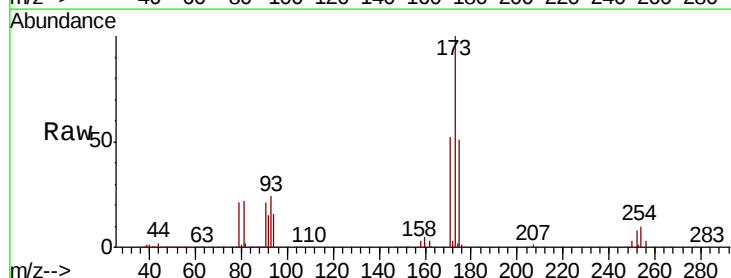
Instrument :
MSVOA_X
ClientSampleId :

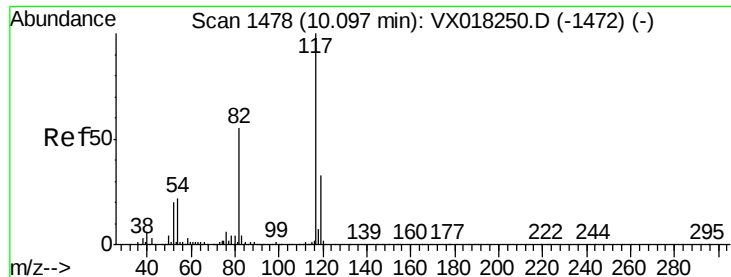
Tot Ion: 63 Resp: 340888
Ion Ratio Lower Upper
63 100
65 31.7 26.0 39.0
106 28.0 22.3 33.5



#56
Bromoform
Concen: 19.157 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion: 173 Resp: 81438
Ion Ratio Lower Upper
173 100
175 50.1 40.2 60.2
254 9.7 7.3 10.9

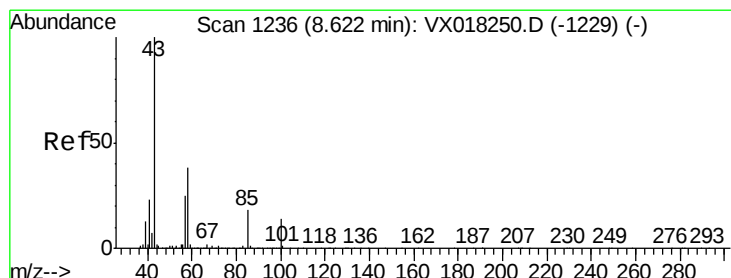
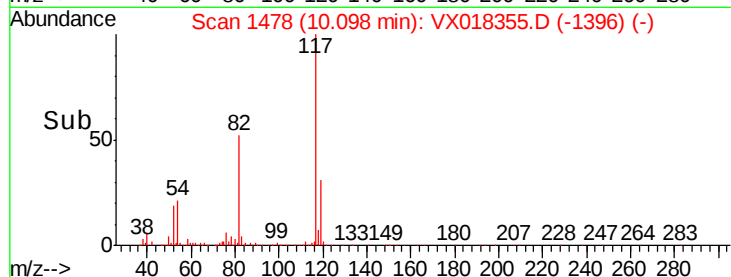
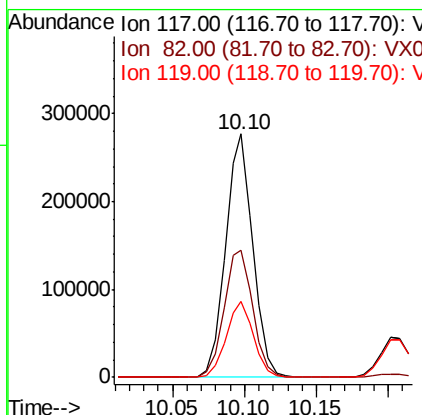
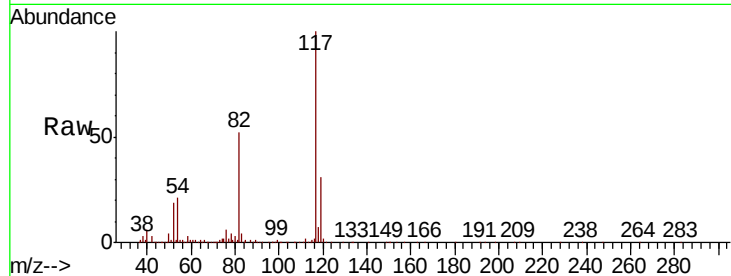




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

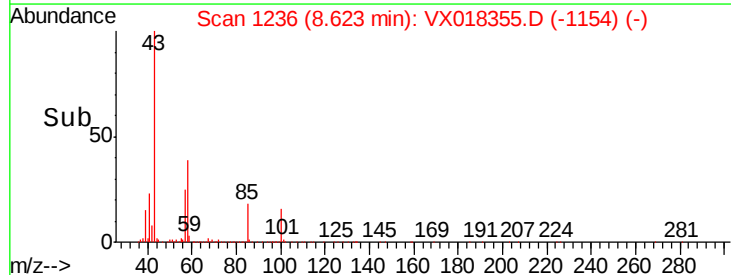
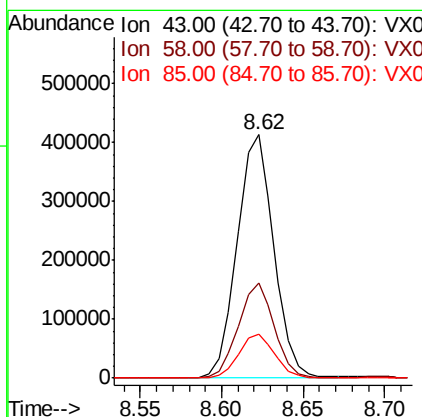
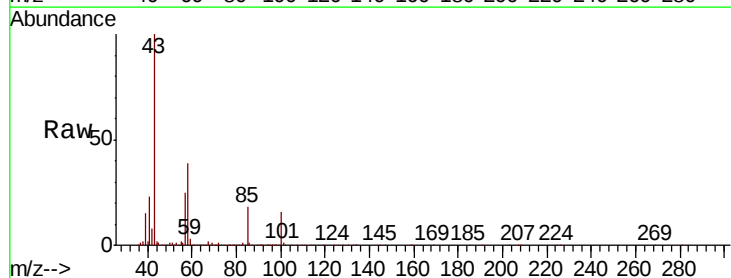
Instrument :
MSVOA_X
ClientSampleId :

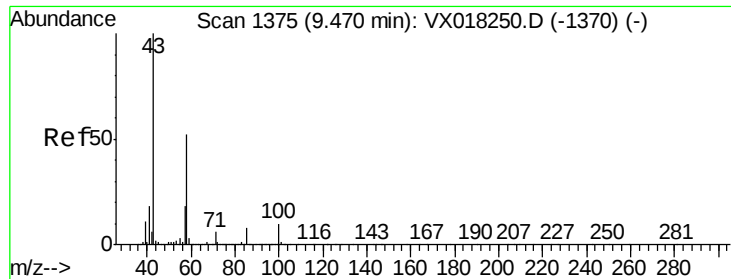
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.2	66.4
119	31.0	26.1	39.1



#58
4-Methyl-2-Pentanone
Concen: 102.113 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.0	45.0
85	17.8	14.2	21.4

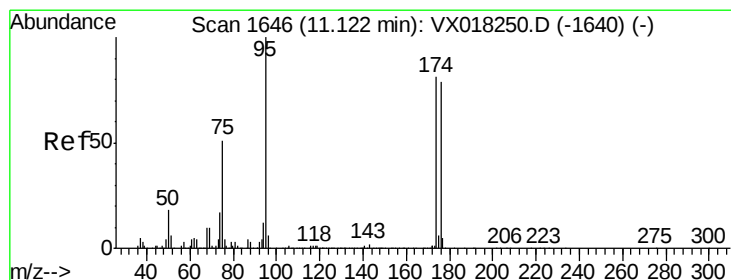
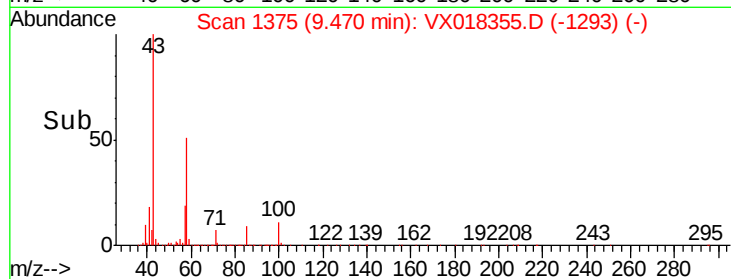
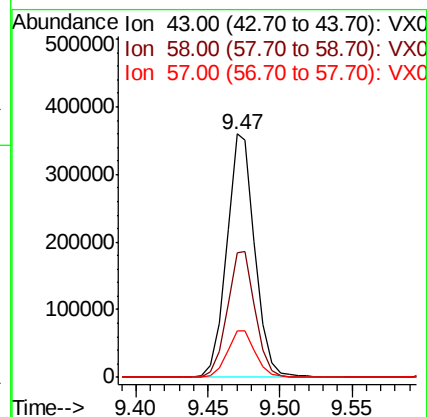
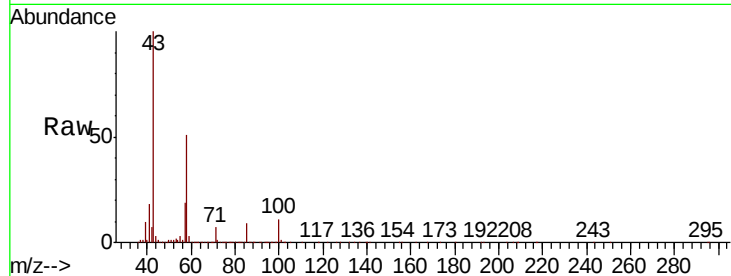




#59
2-Hexanone
Concen: 102.536 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

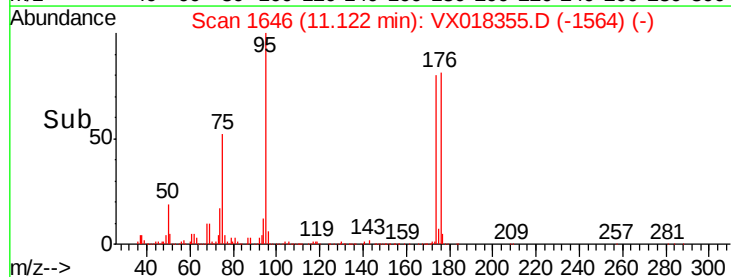
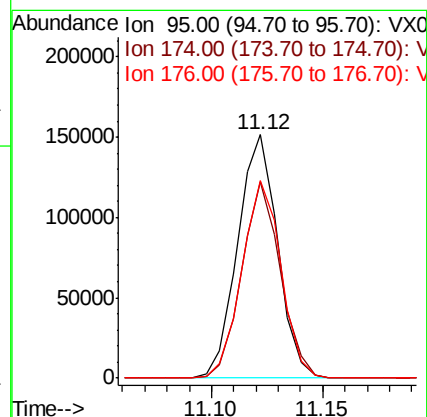
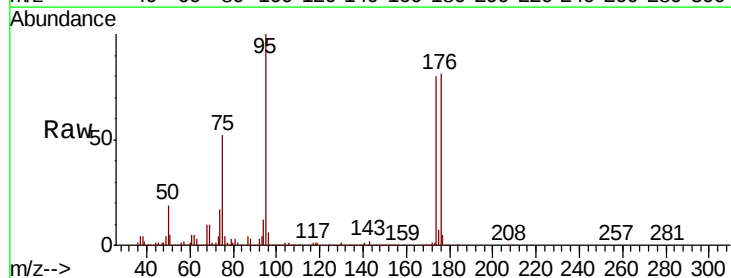
Instrument :
MSVOA_X
ClientSampleId :

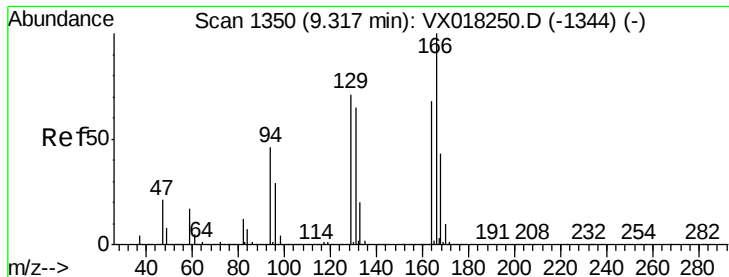
Tot Ion	Ratio	Lower	Upper
43	100		
58	51.6	42.5	63.7
57	19.2	14.8	22.2



#60
4-Bromofluorobenzene
Concen: 29.710 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.3	64.2	96.4
176	79.8	62.2	93.4





#61

Tetrachloroethene

Concen: 19.554 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 89468

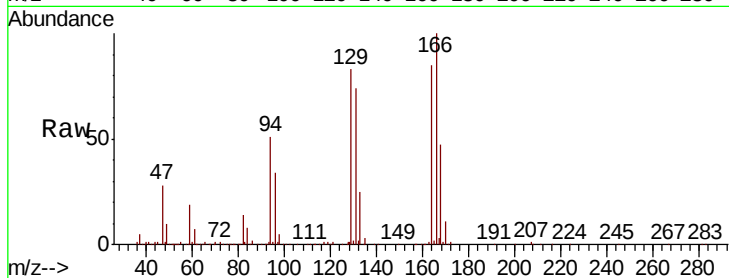
Ion Ratio Lower Upper

164 100

166 117.4 117.4 176.0

129 97.8 82.7 124.1

131 86.7 76.7 115.1

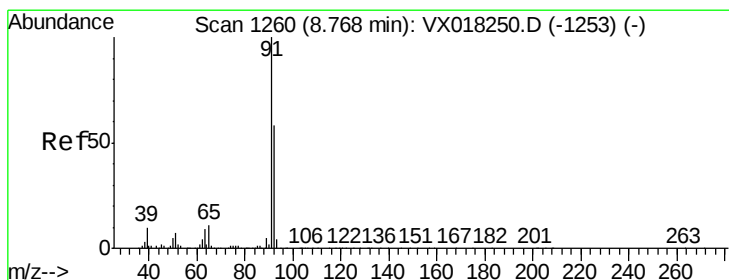
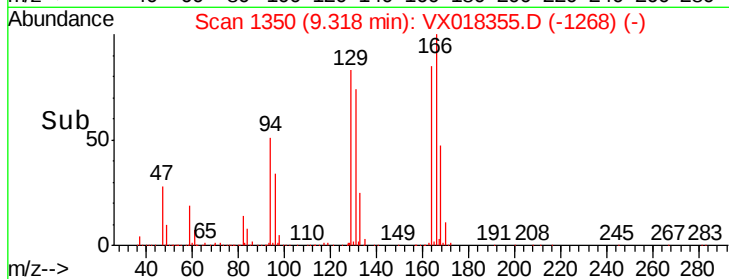
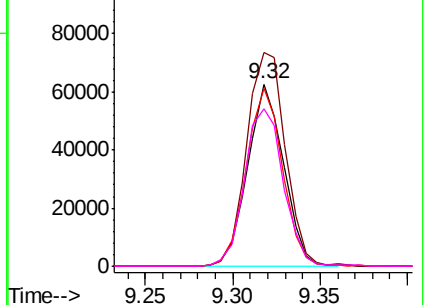


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.387 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018355.D

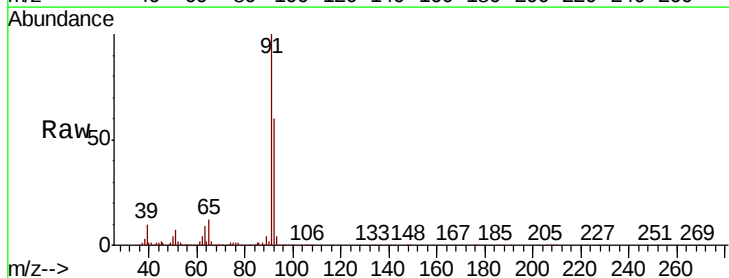
Acq: 11 Sep 2020 12:31

Tgt Ion: 91 Resp: 357950

Ion Ratio Lower Upper

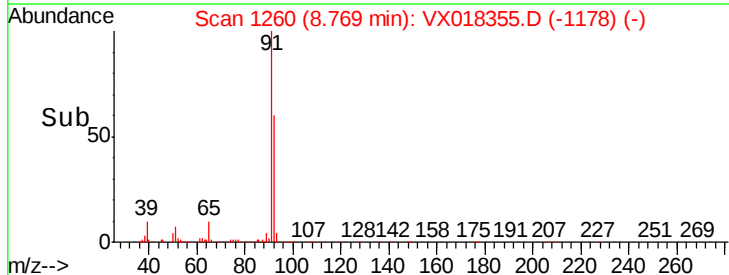
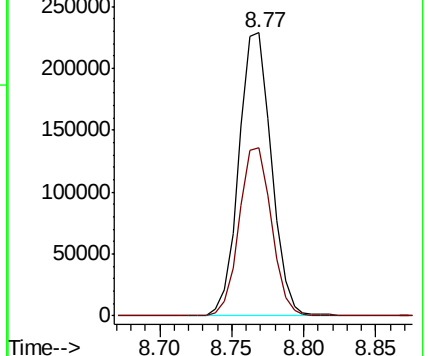
91 100

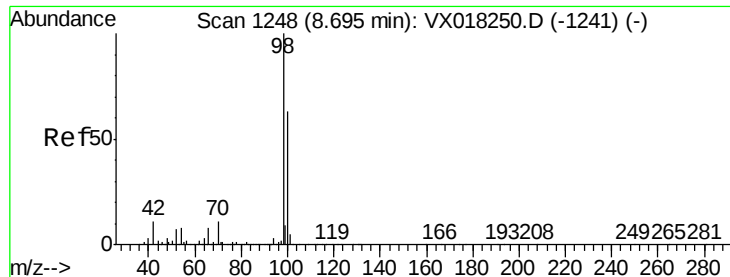
92 59.2 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.050 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

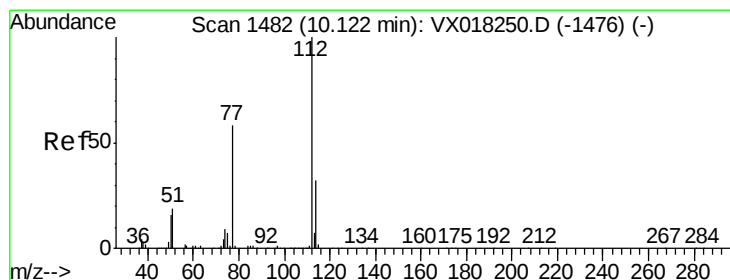
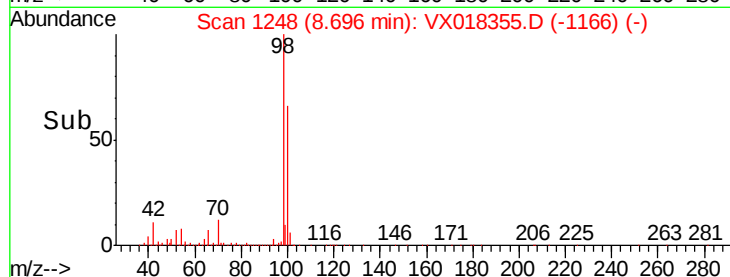
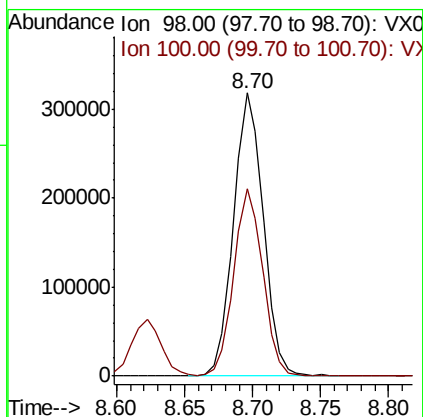
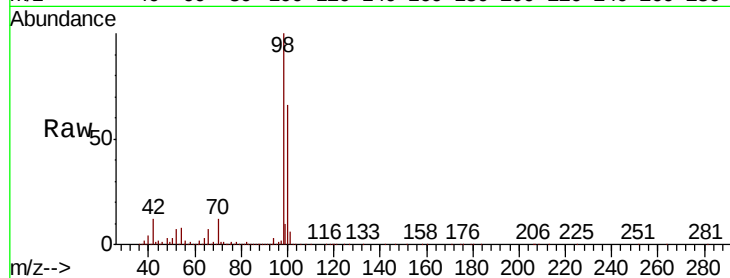
ClientSampleId :

Tot Ion: 98 Resp: 485907

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0



#64

Chlorobenzene

Concen: 19.549 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018355.D

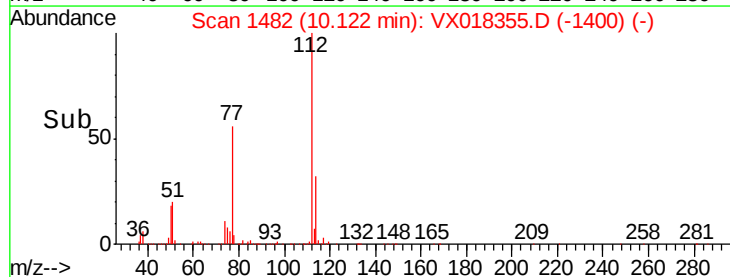
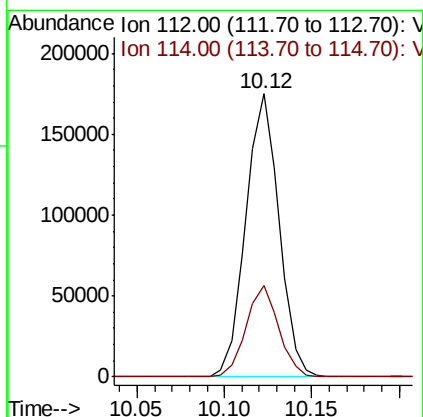
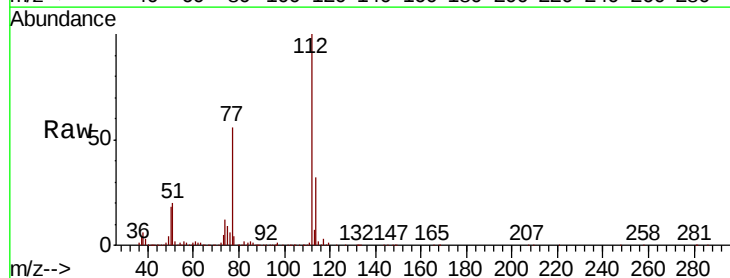
Acq: 11 Sep 2020 12:31

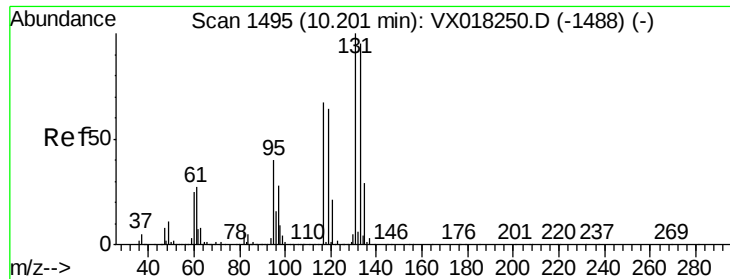
Tgt Ion: 112 Resp: 231945

Ion Ratio Lower Upper

112 100

114 32.4 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 19.984 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

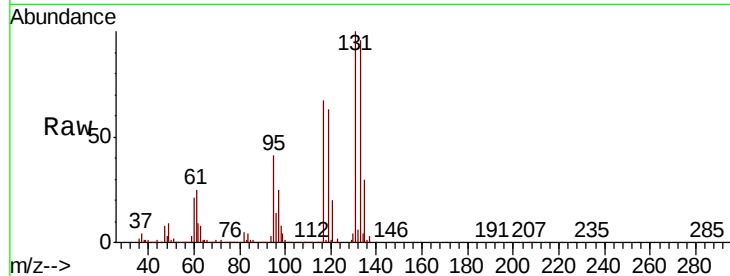
Tot Ion:131 Resp: 96024

Ion Ratio Lower Upper

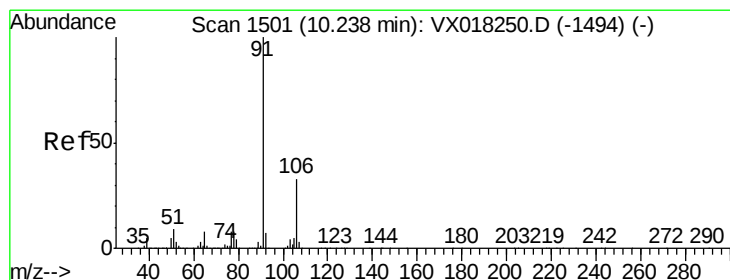
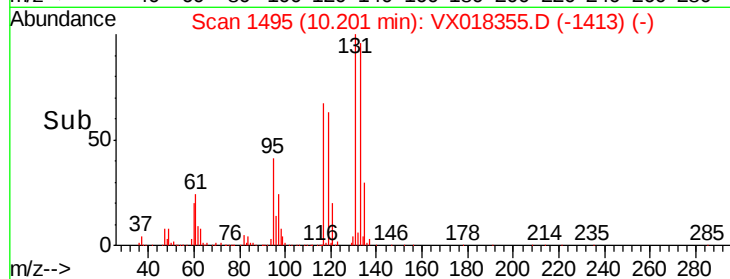
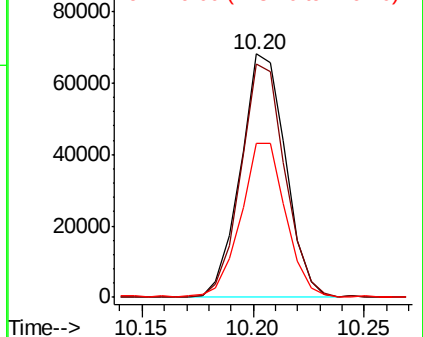
131 100

133 94.0 0.0 197.2

119 62.8 0.0 129.8



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: 19.118 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018355.D

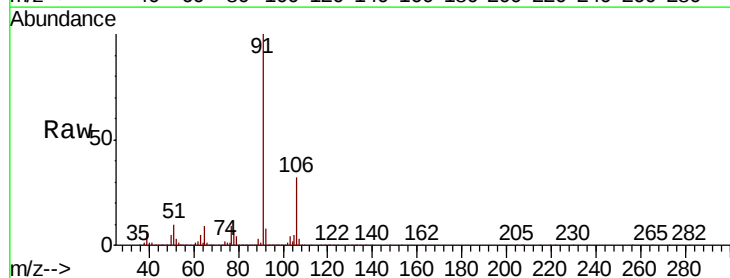
Acq: 11 Sep 2020 12:31

Tgt Ion: 91 Resp: 390027

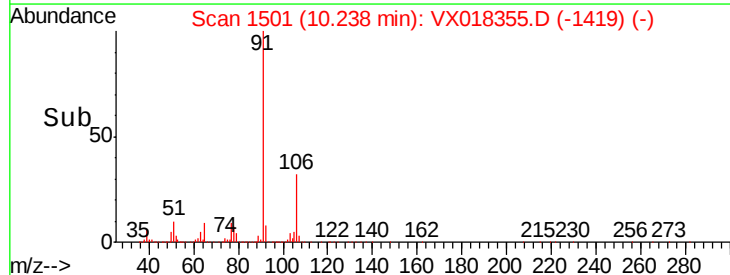
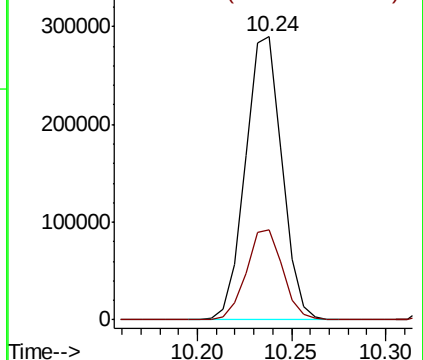
Ion Ratio Lower Upper

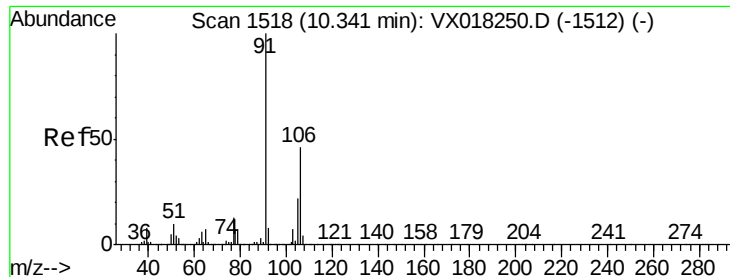
91 100

106 31.6 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

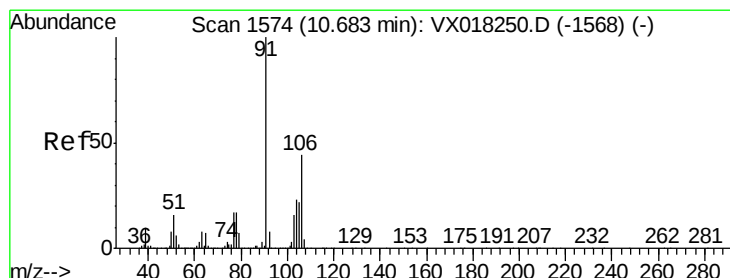
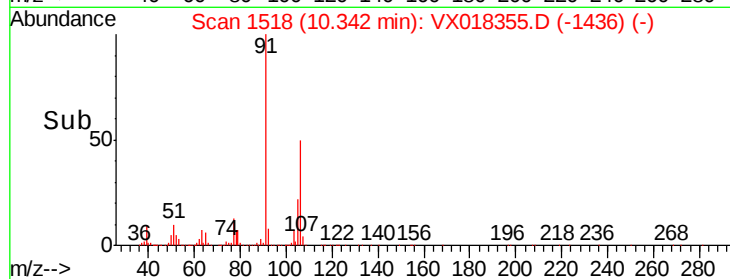
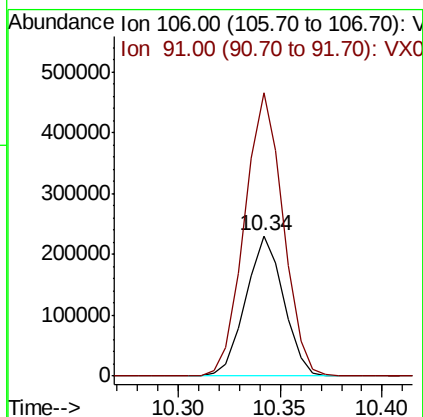
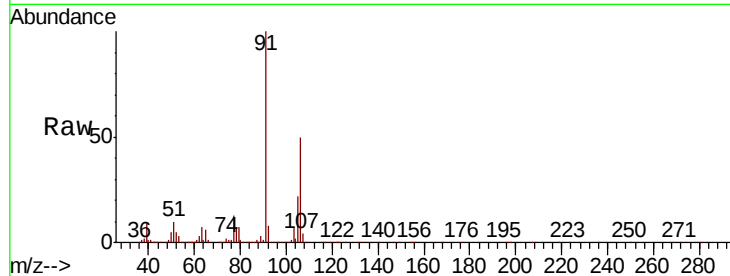




#67
m/p-Xylenes
Concen: 38.221 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

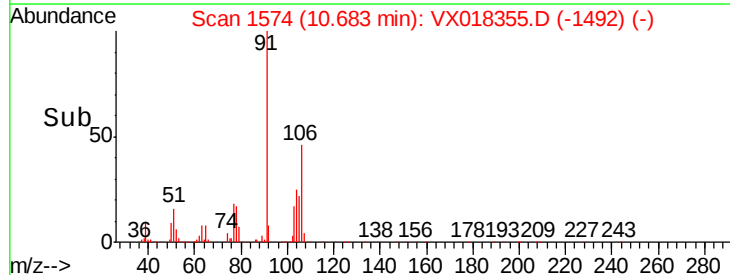
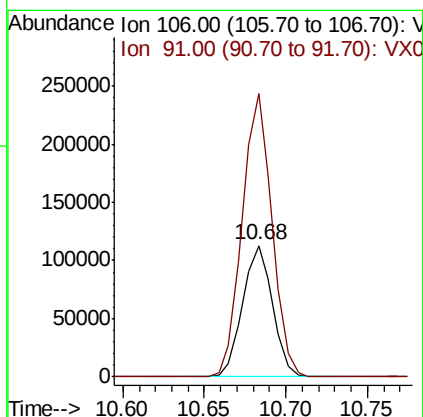
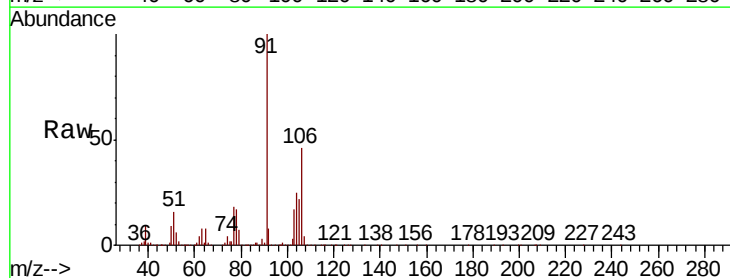
Instrument :
MSVOA_X
ClientSampleId :

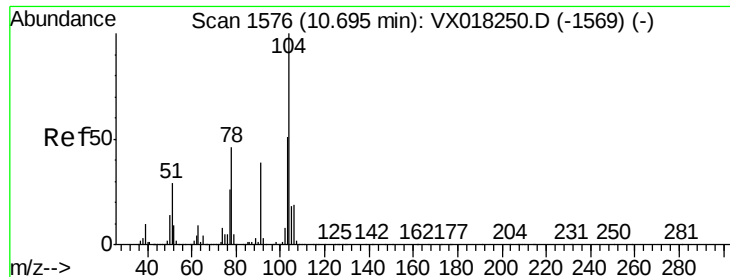
Tot Ion:106 Resp: 298186
Ion Ratio Lower Upper
106 100
91 205.8 166.2 249.2



#68
o-Xylene
Concen: 19.711 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion:106 Resp: 145307
Ion Ratio Lower Upper
106 100
91 212.8 109.2 327.6

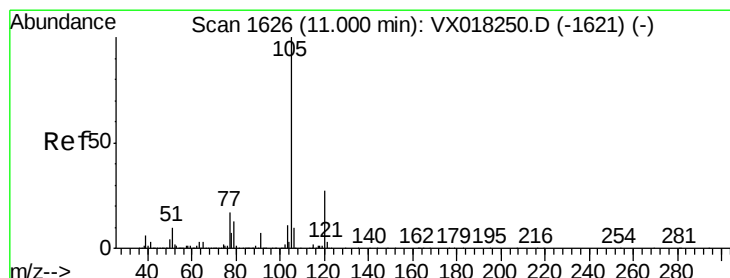
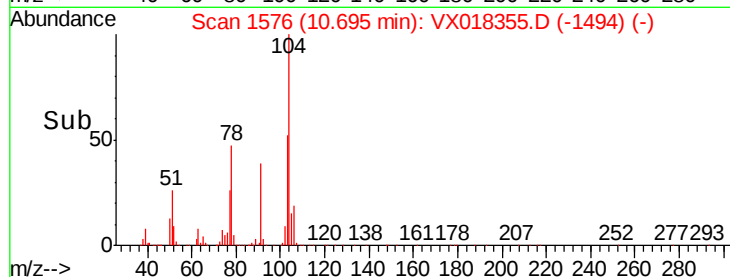
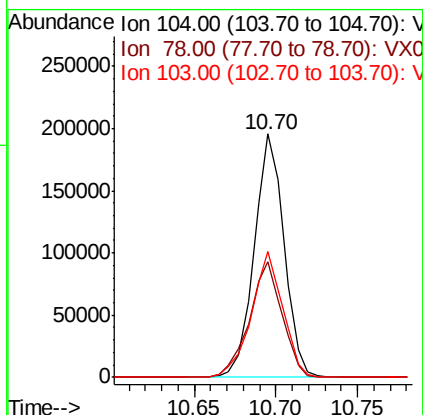
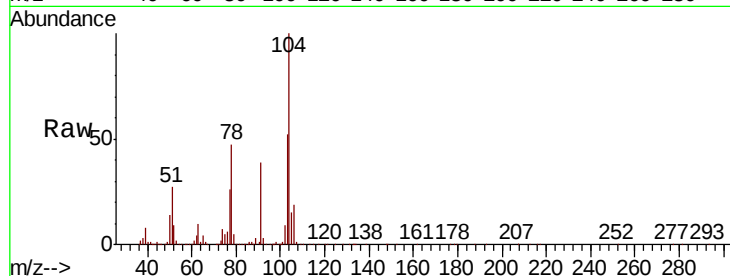




#69
Stvrene
Concen: 19.382 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

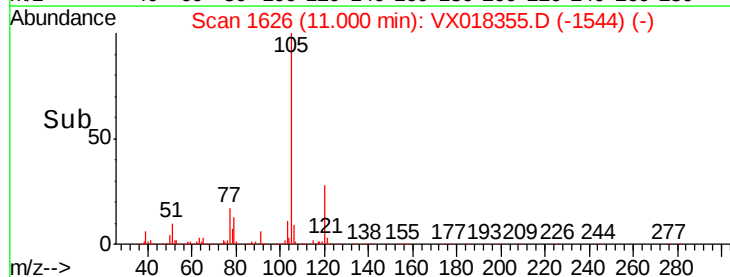
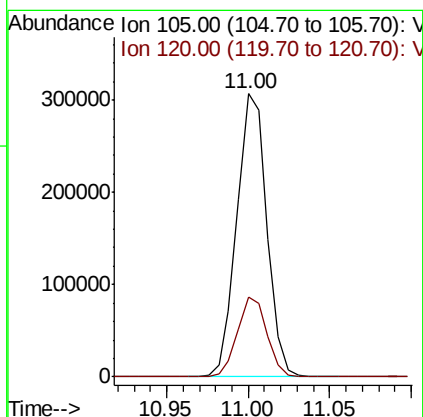
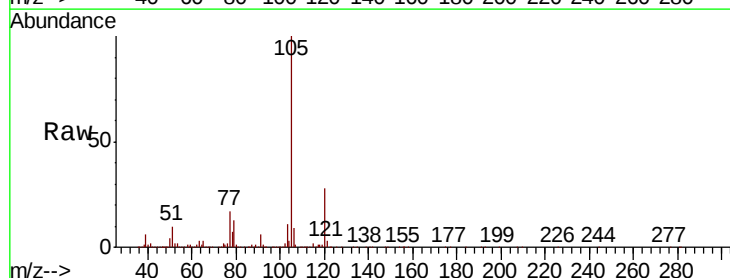
Instrument :
MSVOA_X
ClientSampleId :

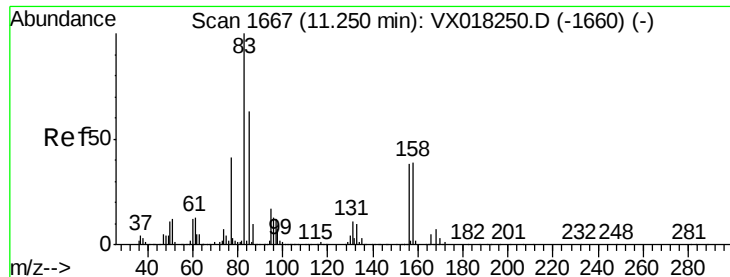
Tot Ion:104 Resp: 249282
Ion Ratio Lower Upper
104 100
78 52.1 41.7 62.5
103 54.4 44.2 66.2



#70
Isopropylbenzene
Concen: 19.183 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion:105 Resp: 393251
Ion Ratio Lower Upper
105 100
120 27.6 18.7 34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 19.835 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

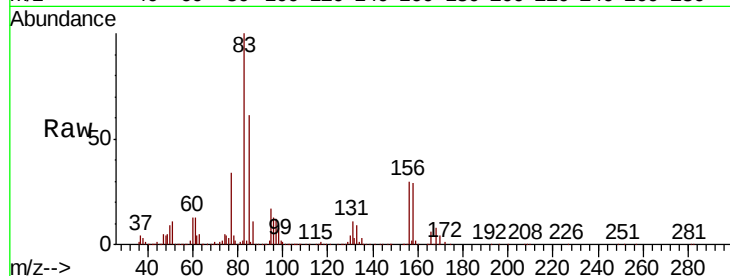
Tot Ion: 83 Resp: 132879

Ion Ratio Lower Upper

83 100

131 11.2 5.8 17.3

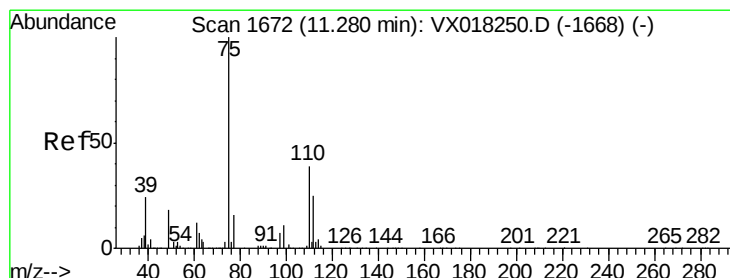
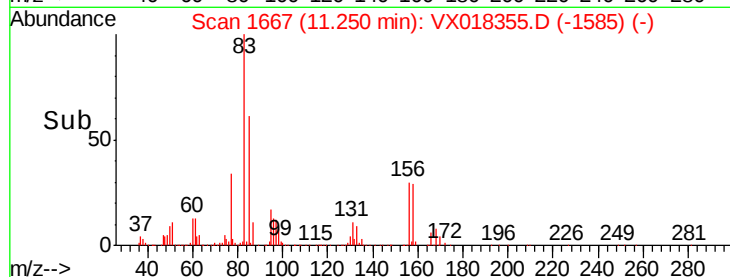
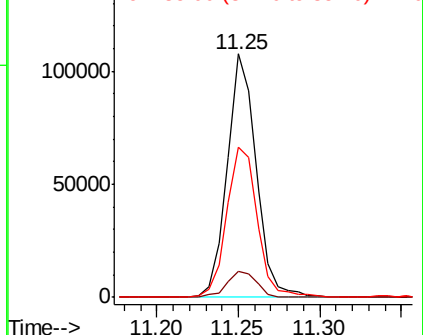
85 65.3 31.3 93.9



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: 25.655 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018355.D

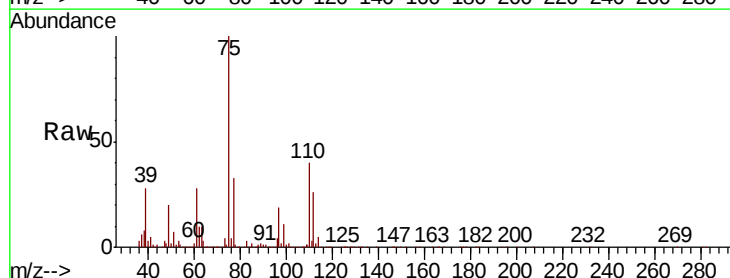
Acq: 11 Sep 2020 12:31

Tgt Ion: 75 Resp: 165129

Ion Ratio Lower Upper

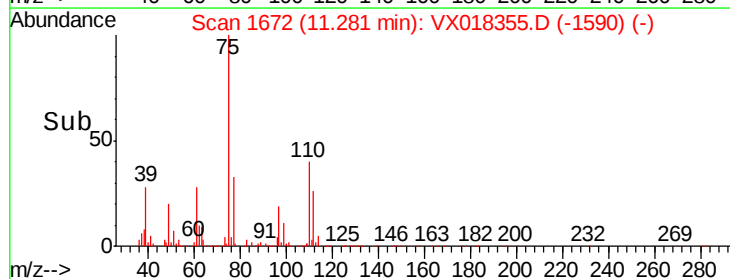
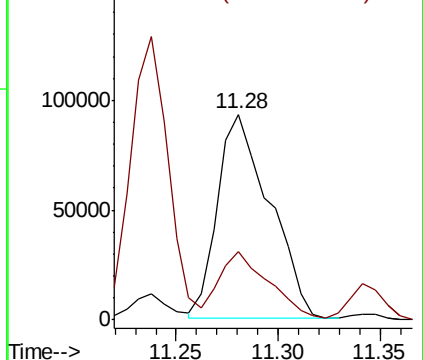
75 100

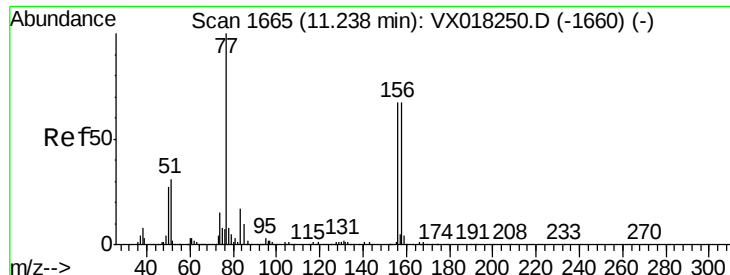
77 31.4 0.0 74.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.977 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

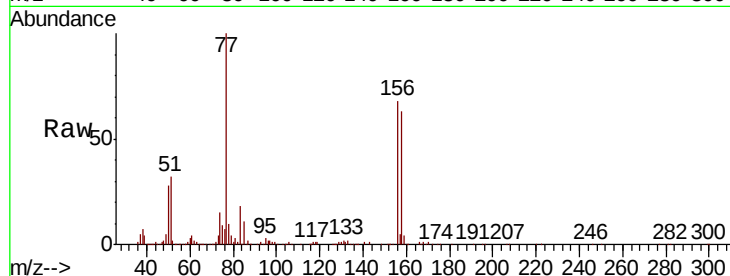
Tot Ion:156 Resp: 106580

Ion Ratio Lower Upper

156 100

77 156.1 0.0 311.0

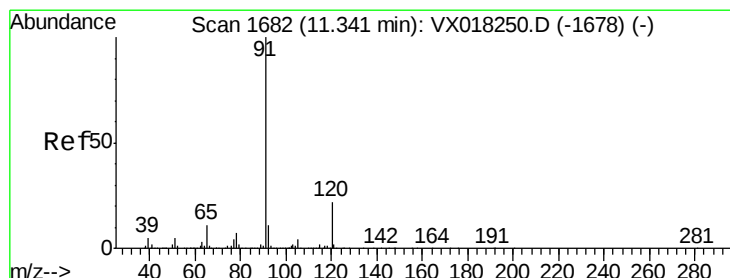
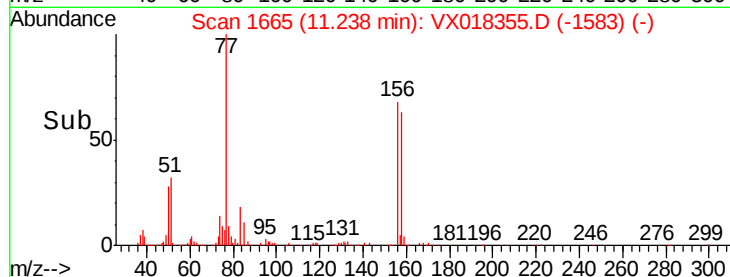
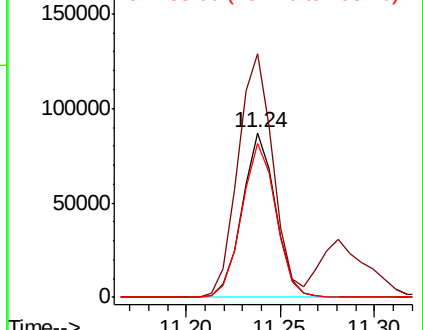
158 96.1 0.0 194.4



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: 18.578 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018355.D

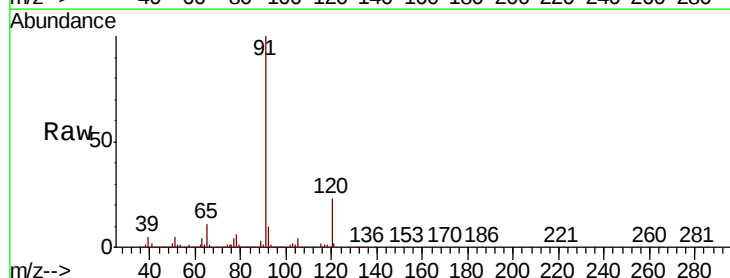
Acq: 11 Sep 2020 12:31

Tgt Ion: 91 Resp: 448451

Ion Ratio Lower Upper

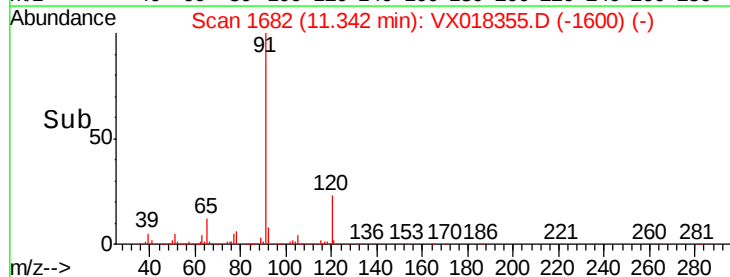
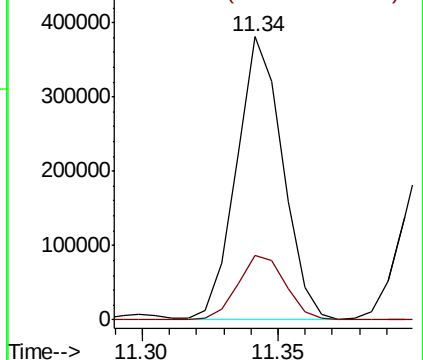
91 100

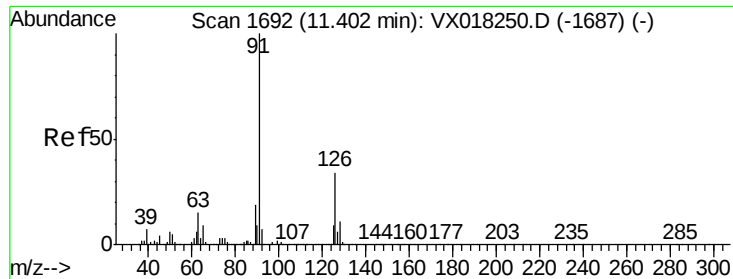
120 23.5 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

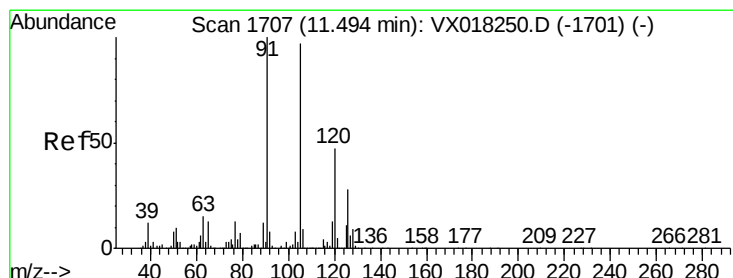
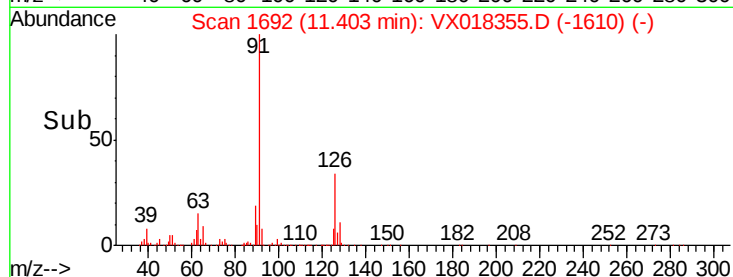
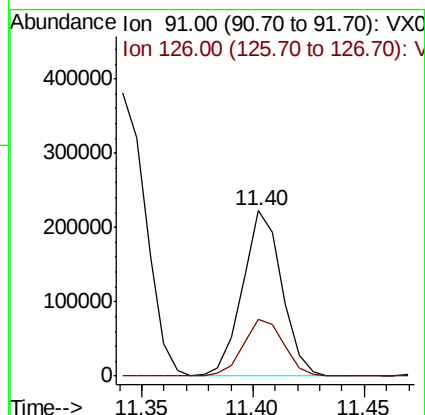
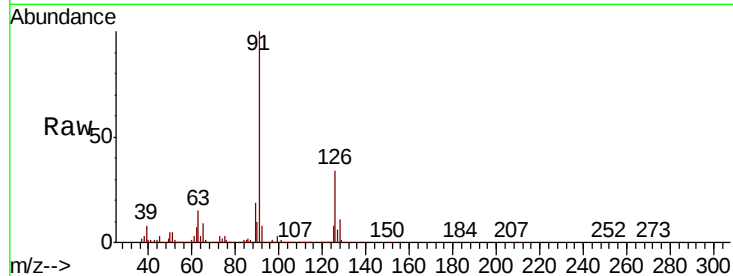




#75
2-Chlorotoluene
Concen: 18.805 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

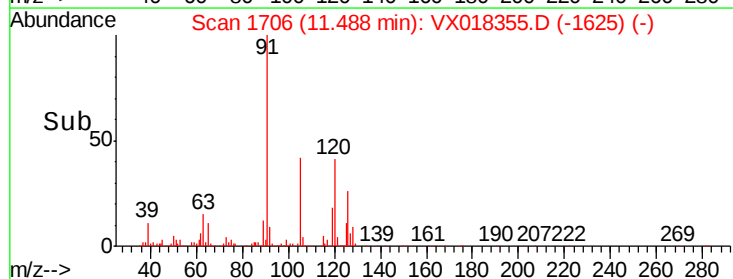
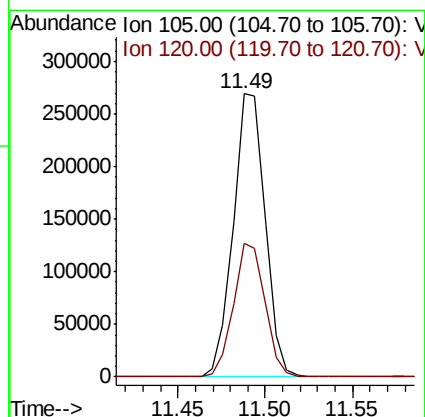
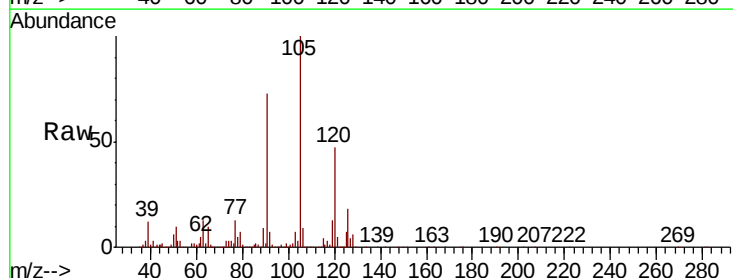
Instrument :
MSVOA_X
ClientSampled :

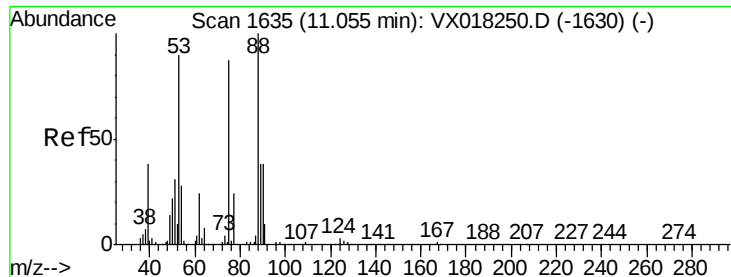
Tot Ion: 91 Resp: 275121
Ion Ratio Lower Upper
91 100
126 35.4 0.0 68.4



#76
1,3,5-Trimethylbenzene
Concen: 19.119 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion: 105 Resp: 341447
Ion Ratio Lower Upper
105 100
120 46.8 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.073 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampled :

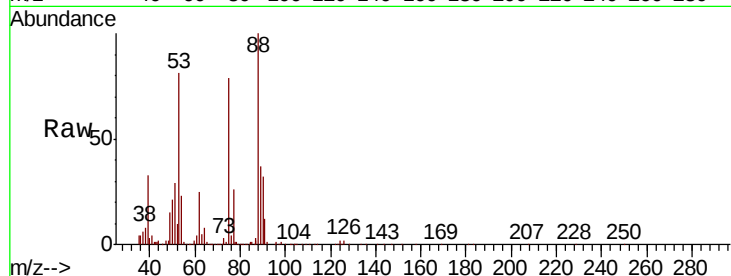
Tot Ion: 75 Resp: 47707

Ion Ratio Lower Upper

75 100

53 102.0 52.1 156.4

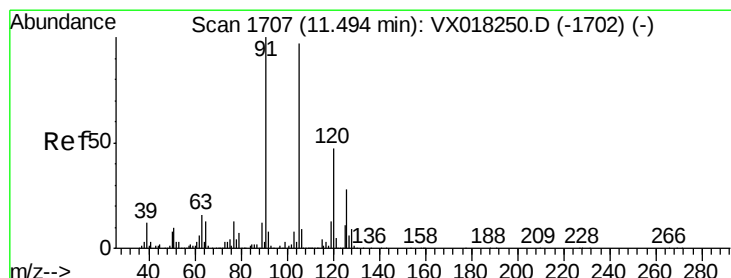
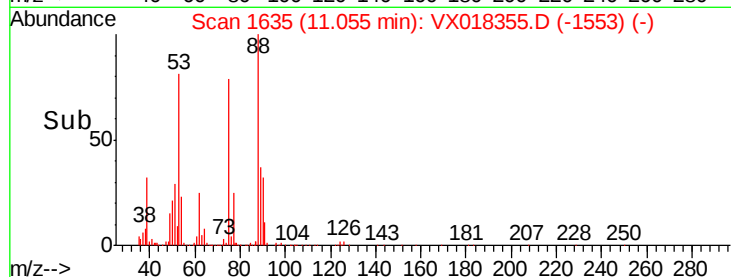
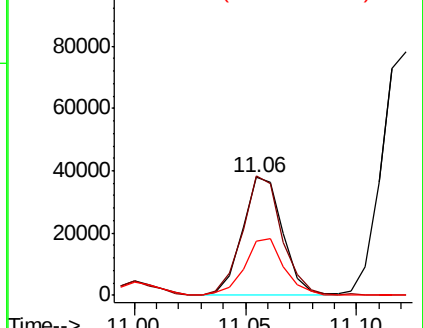
89 46.4 22.1 66.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.127 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018355.D

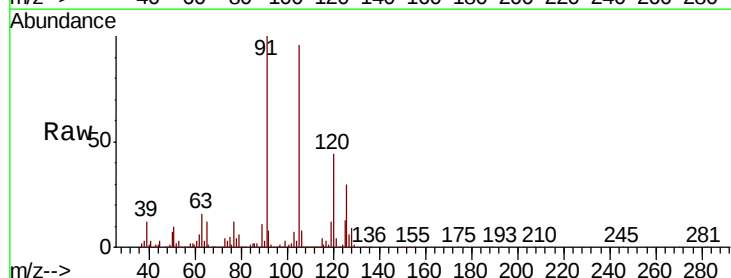
Acq: 11 Sep 2020 12:31

Tgt Ion: 91 Resp: 333813

Ion Ratio Lower Upper

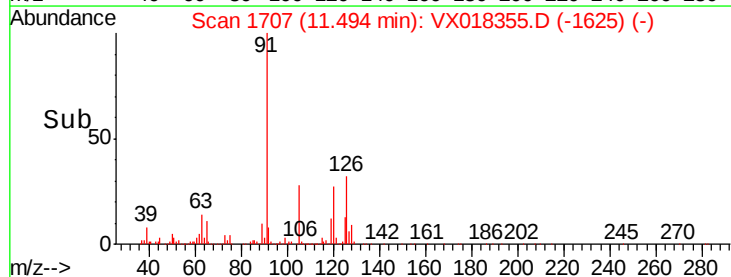
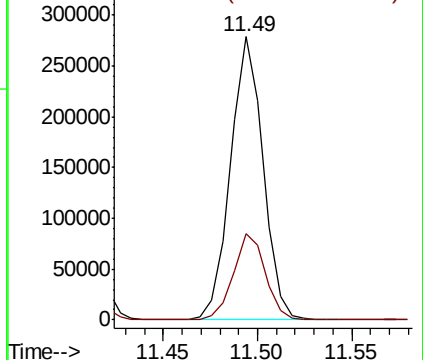
91 100

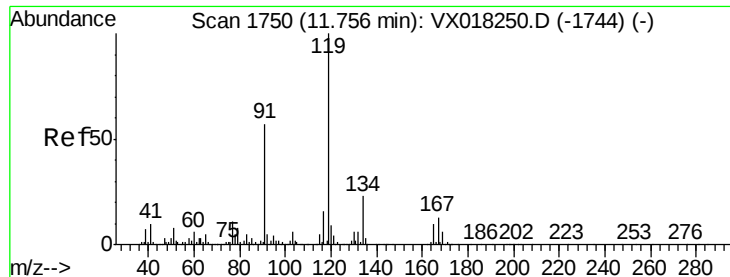
126 30.0 0.0 59.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

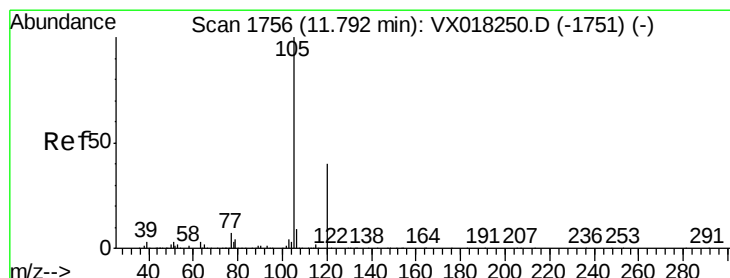
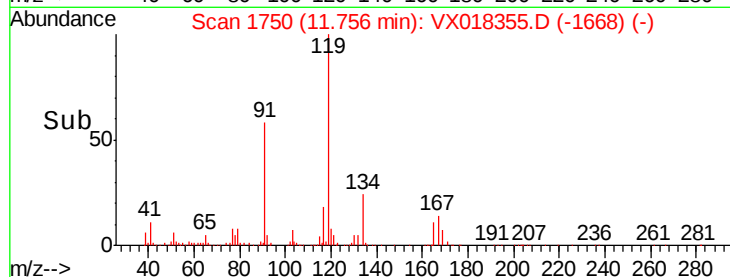
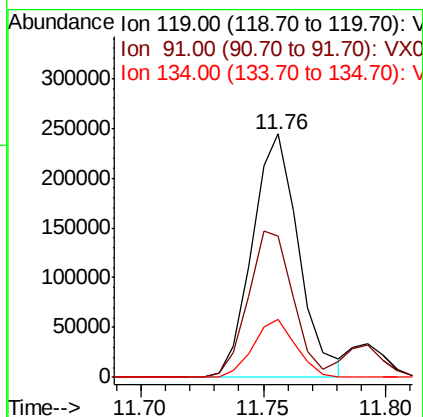
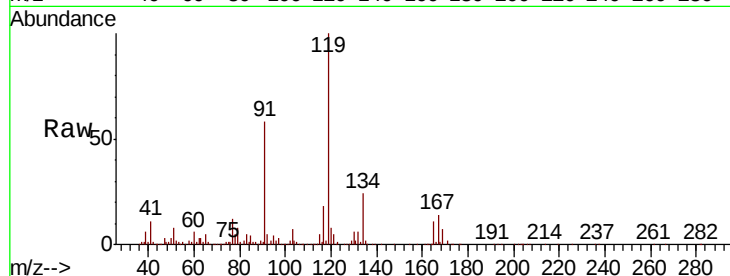




#79
tert-butylbenzene
Concen: 18.810 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

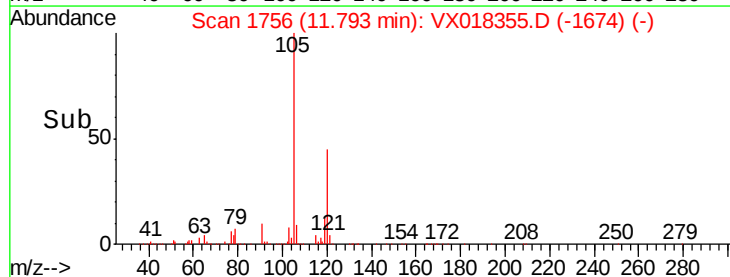
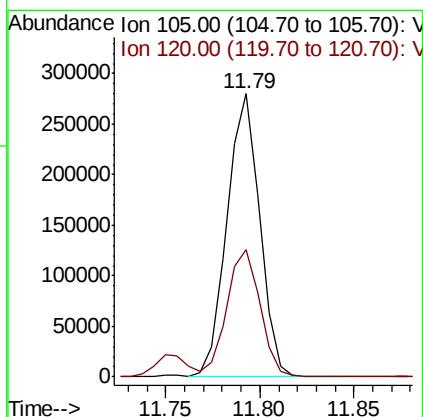
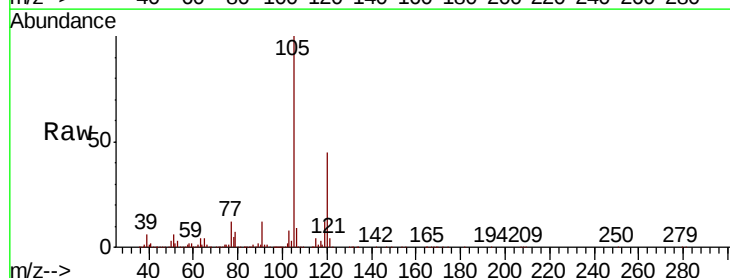
Instrument :
MSVOA_X
ClientSampleId :

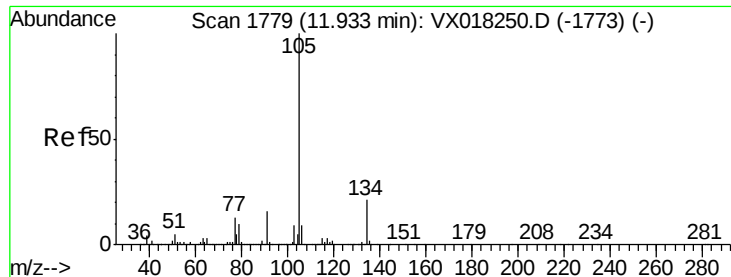
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.0	0.0	111.8
134	21.9	0.0	42.4



#80
1,2,4-Trimethylbenzene
Concen: 19.137 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	0.0	89.2

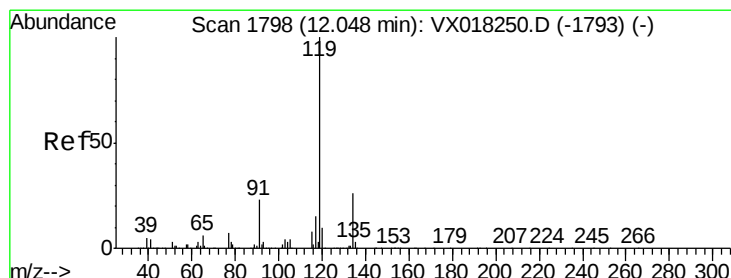
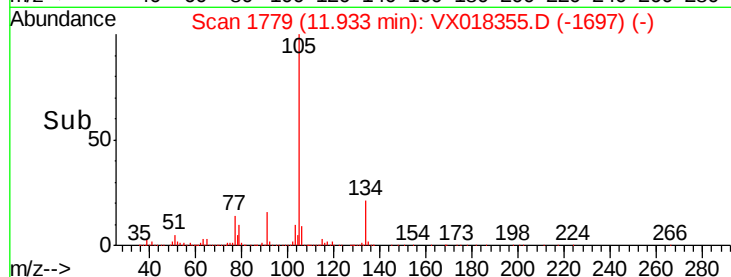
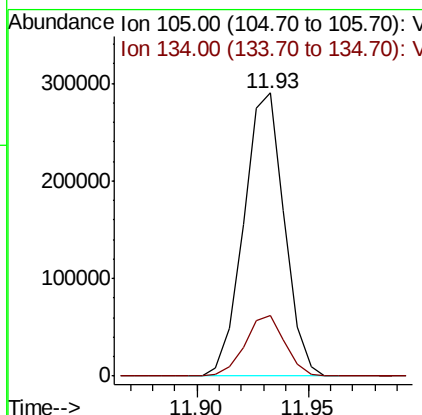
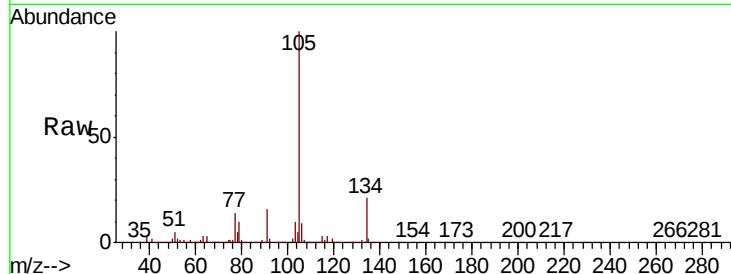




#81
 sec-Butylbenzene
 Concen: 18.356 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

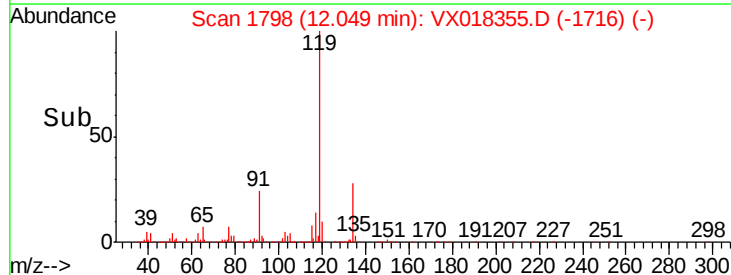
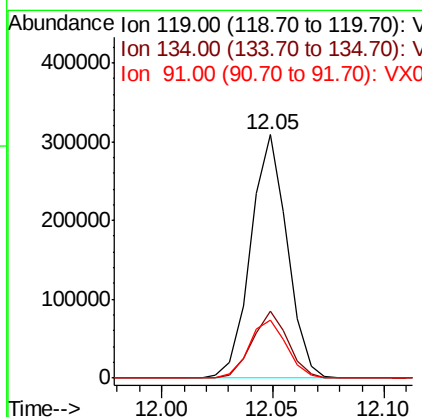
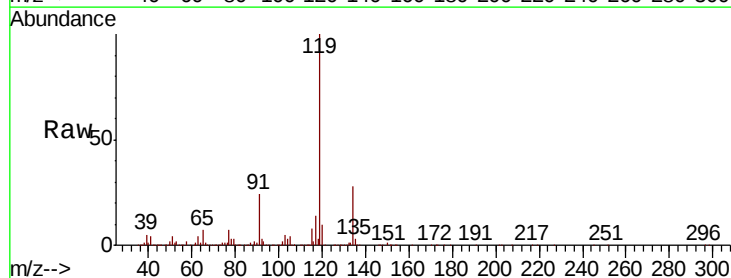
Instrument :
 MSVOA_X
 ClientSampleId :

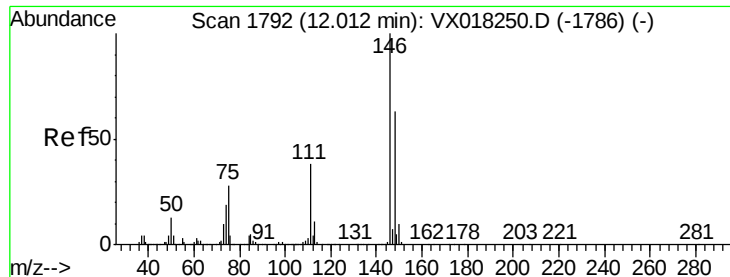
Tot Ion:105 Resp: 368867
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 18.675 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion:119 Resp: 349906
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 53.0
 91 24.8 0.0 49.8

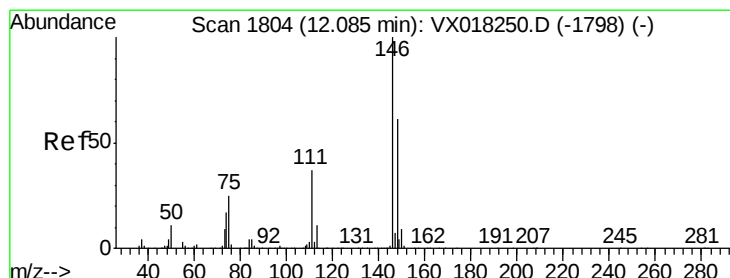
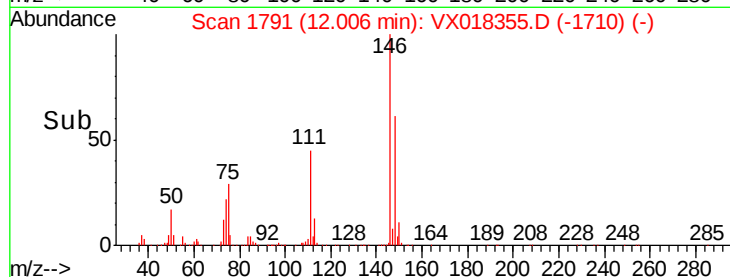
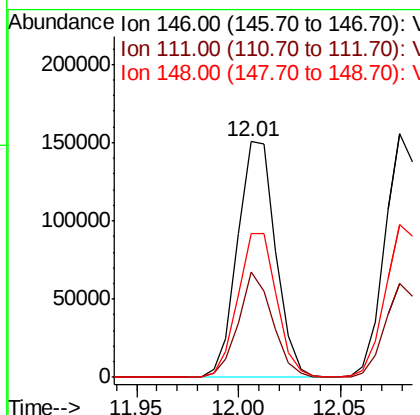
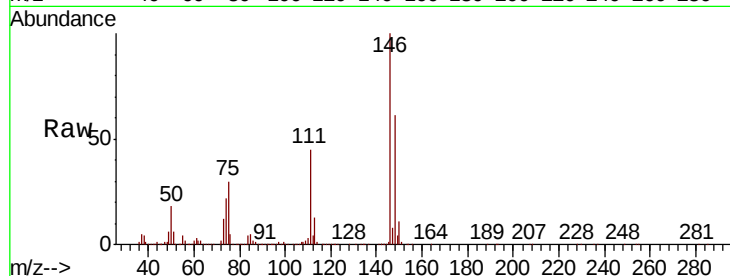




#83
 1,3-Dichlorobenzene
 Concen: 19.522 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

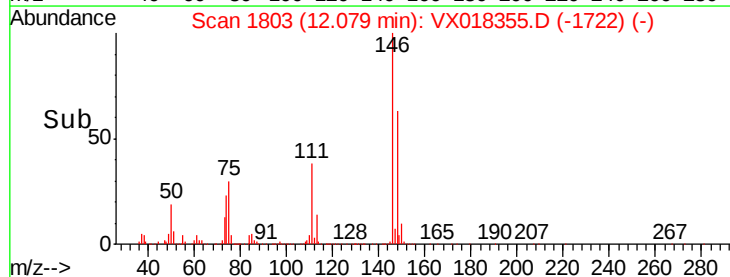
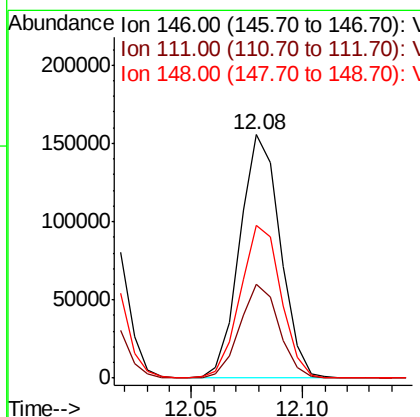
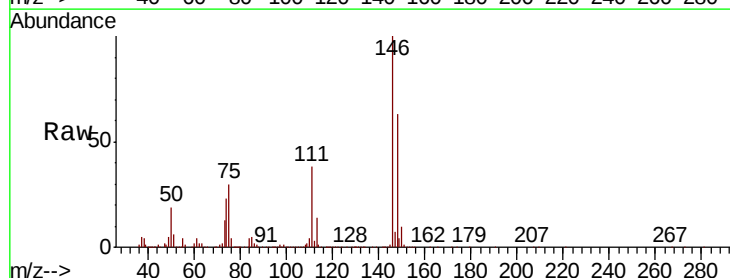
Instrument :
 MSVOA_X
 ClientSampleId :

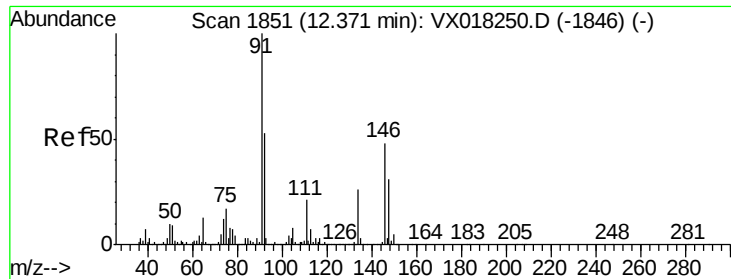
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	59.9
148	61.8	32.1	96.3



#84
 1,4-Dichlorobenzene
 Concen: 19.693 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.3	57.8
148	63.3	31.7	95.1

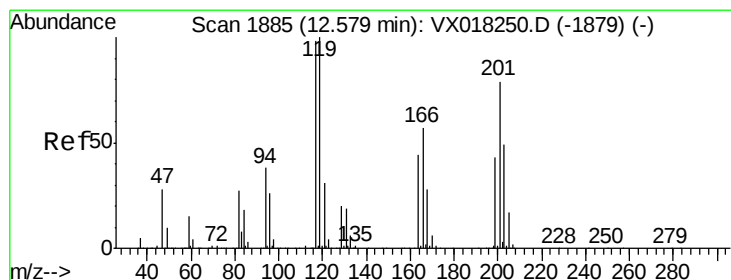
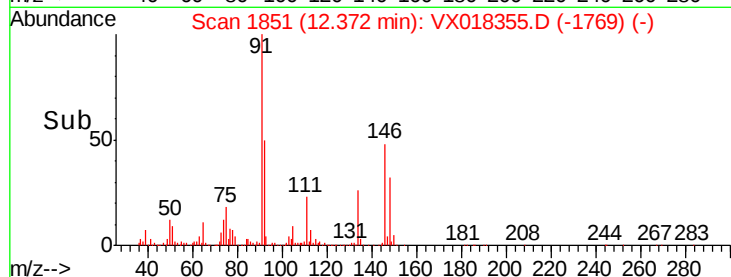
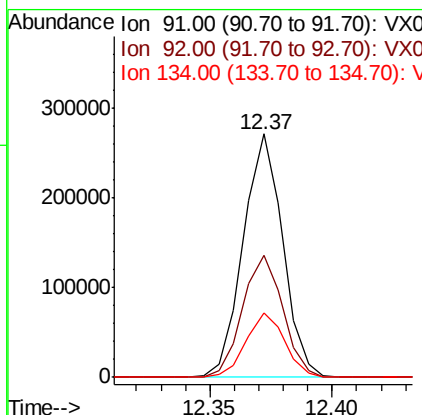
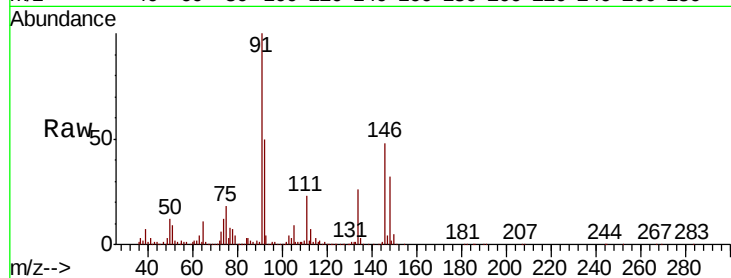




#85
n-Butylbenzene
Concen: 18.438 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

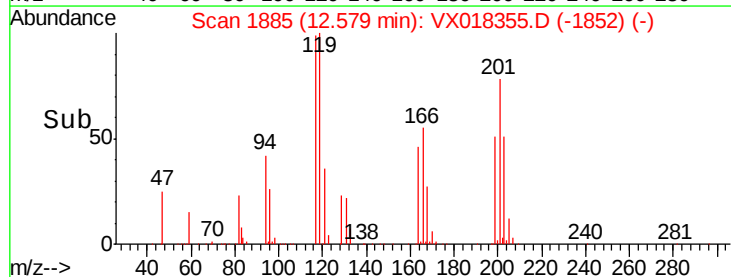
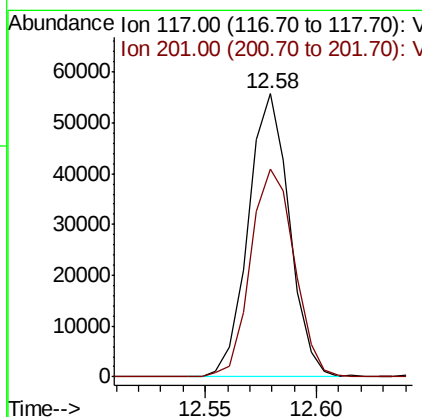
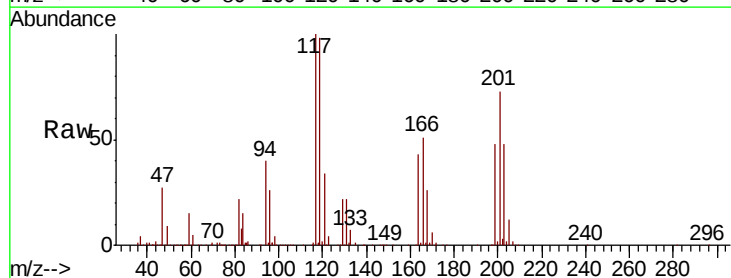
Instrument :
MSVOA_X
ClientSampleId :

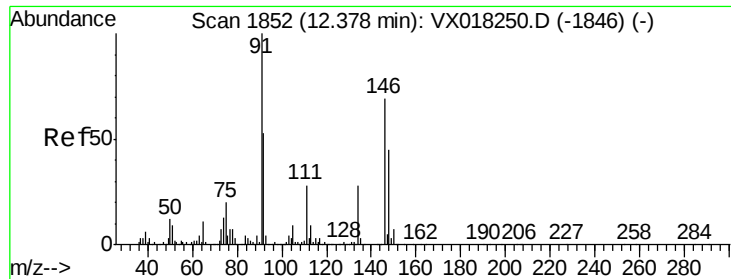
Tot Ion: 91 Resp: 304151
Ion Ratio Lower Upper
91 100
92 51.1 0.0 105.0
134 26.2 0.0 51.0



#86
Hexachloroethane
Concen: 19.404 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion: 117 Resp: 71580
Ion Ratio Lower Upper
117 100
201 78.3 39.6 118.8

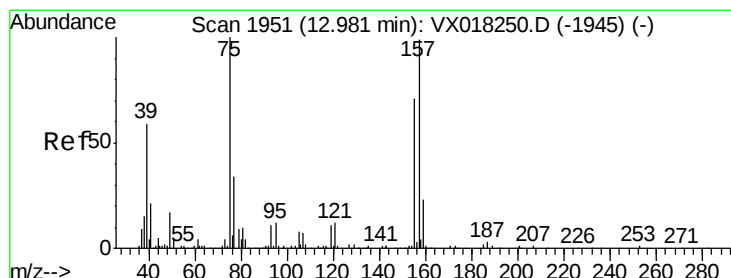
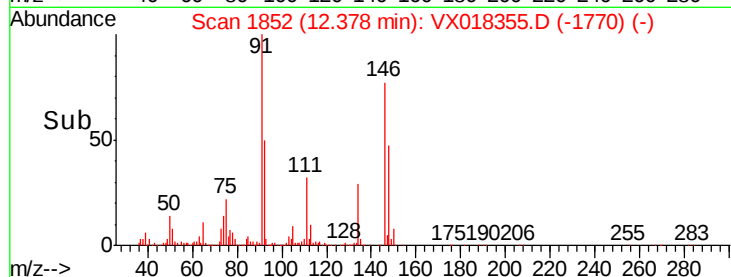
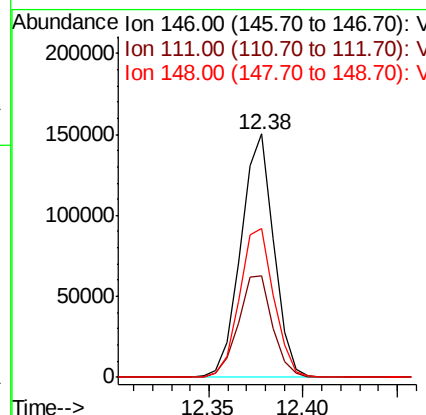
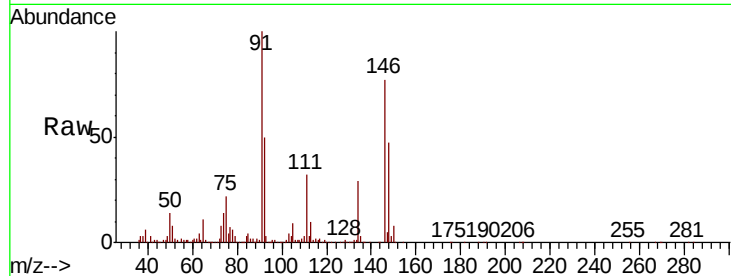




#87
 1,2-Dichlorobenzene
 Concen: 19.388 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

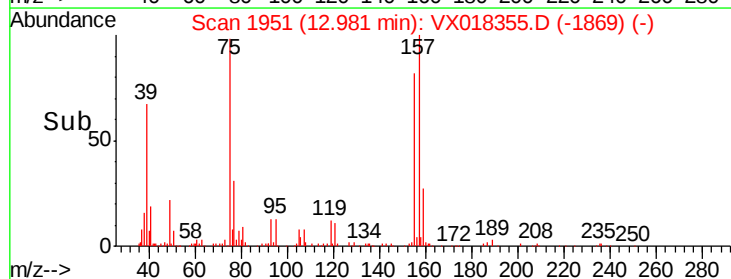
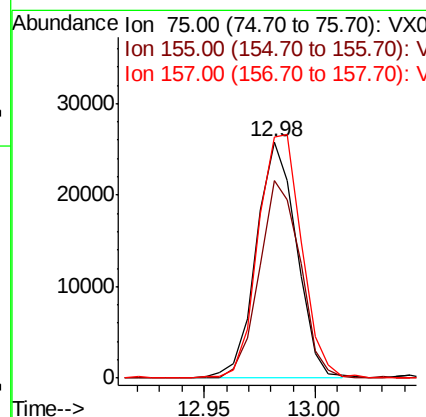
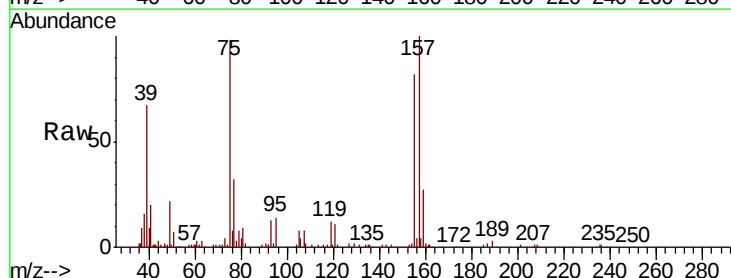
Instrument :
 MSVOA_X
 ClientSampleId :

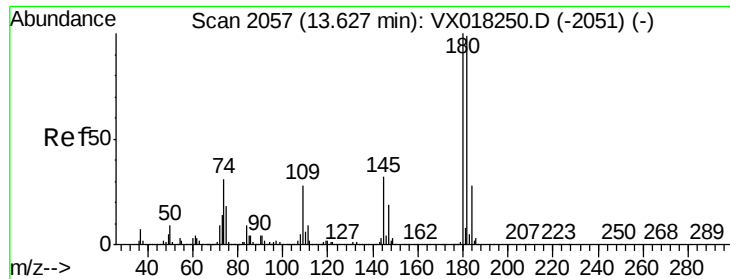
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.4	64.3
148	64.0	32.0	96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.042 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.6	63.4	95.2
157	110.1	87.0	130.6

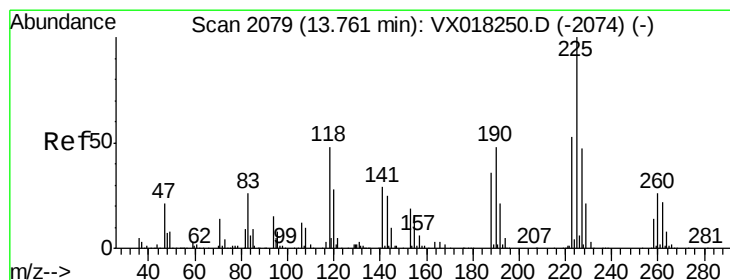
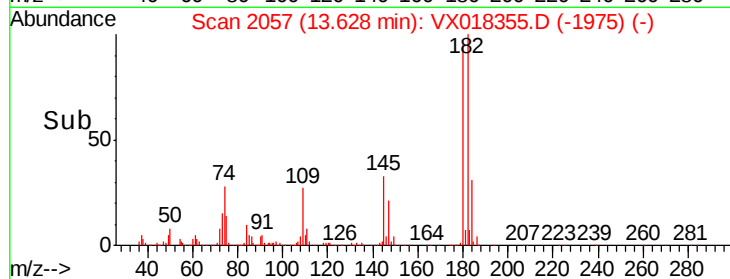
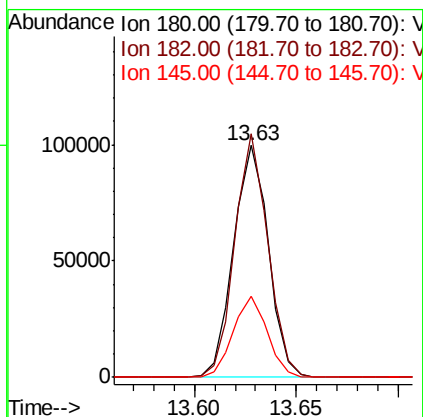
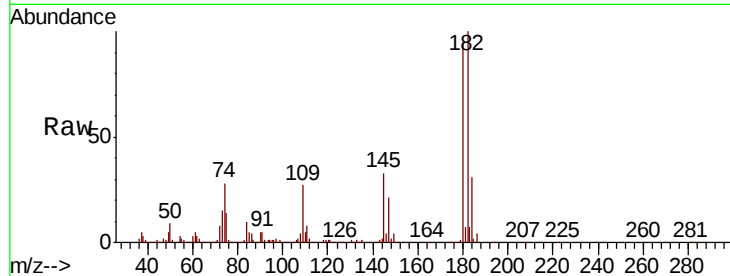




#89
 1,2,4-Trichlorobenzene
 Concen: 18.613 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

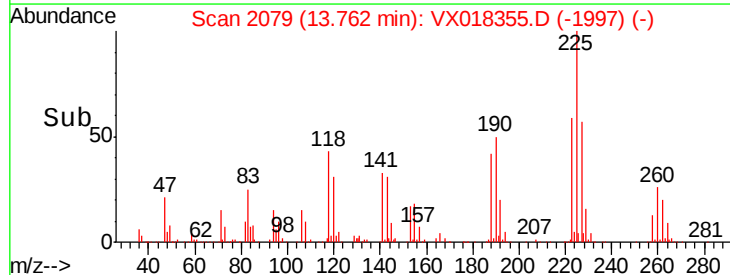
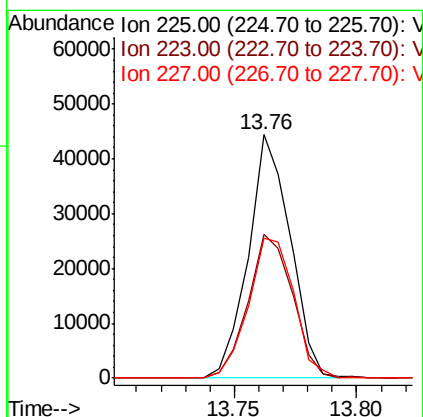
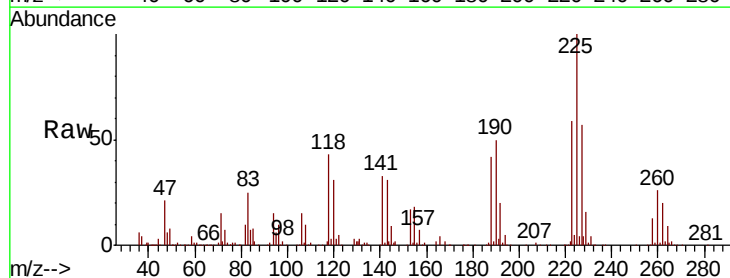
Instrument :
 MSVOA_X
 ClientSampled :

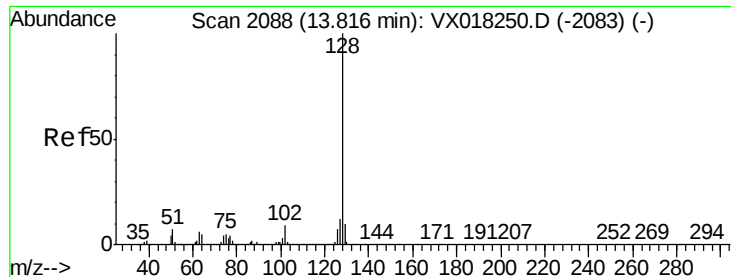
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.1	77.1	115.7
145	33.9	25.0	37.6



#90
 Hexachlorobutadiene
 Concen: 19.705 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	0.0	115.8
227	62.2	0.0	117.0





#91

Naphthalene

Concen: 19.279 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

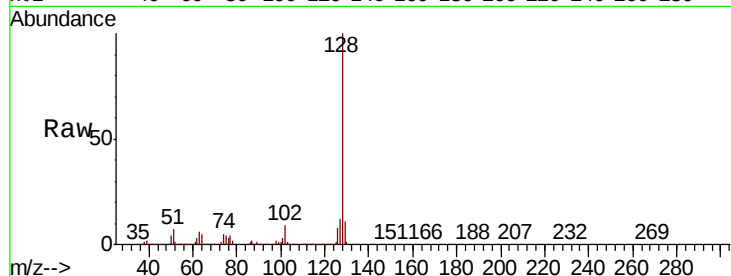
Tot Ion:128 Resp: 382764

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

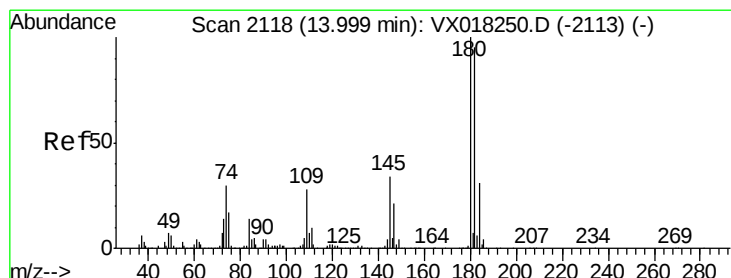
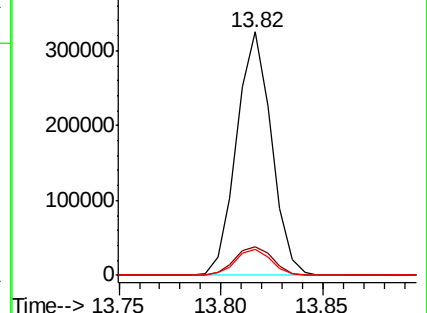
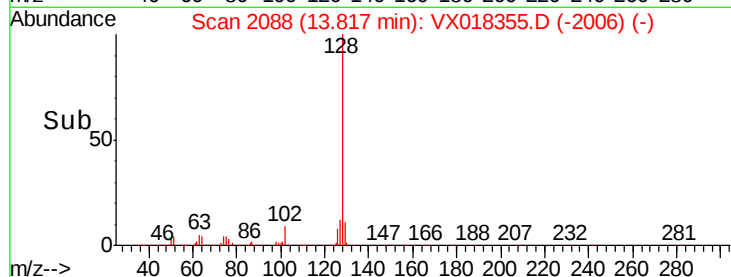
129 11.2 8.7 13.1



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: 18.061 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

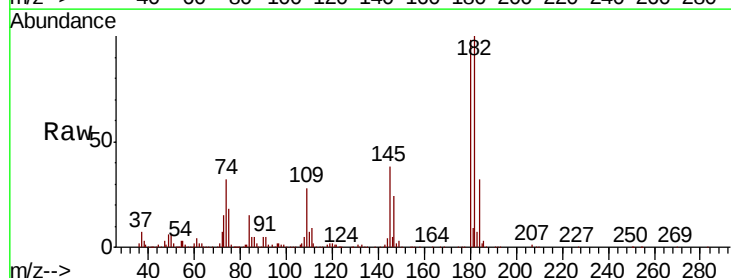
Tgt Ion:180 Resp: 113669

Ion Ratio Lower Upper

180 100

182 101.8 0.0 191.6

145 35.8 0.0 67.4



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

