

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092520\
 Data File : VX018608.D
 Acq On : 25 Sep 2020 20:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 28 01:56:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	409146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	656977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	625123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	332868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	314688	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	5.47	113	238689	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
50) Toluene-d8	8.70	98	800053	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.12	95	320990	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	181047	46.673	ug/l	95
3) Chloromethane	1.31	50	189436	41.714	ug/l	97
4) Vinyl Chloride	1.39	62	215948	44.917	ug/l	97
5) Bromomethane	1.64	94	135458	45.906	ug/l	99
6) Chloroethane	1.72	64	130067	47.270	ug/l	97
7) Trichlorofluoromethane	1.92	101	373392	51.123	ug/l	99
8) Diethyl Ether	2.17	74	126393	49.323	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	185336	47.145	ug/l	100
10) Methyl Iodide	2.50	142	217244	45.186	ug/l	95
11) Tert butyl alcohol	3.04	59	211875	210.384	ug/l	99
12) 1,1-Dichloroethene	2.36	96	188044	47.458	ug/l	90
13) Acrolein	2.28	56	107625	168.777	ug/l	99
14) Allyl chloride	2.71	41	346370	45.110	ug/l	96
15) Acrylonitrile	3.12	53	580472	241.566	ug/l	98
16) Acetone	2.43	43	493012	222.724	ug/l	96
17) Carbon Disulfide	2.56	76	522777	44.178	ug/l	100
18) Methyl Acetate	2.75	43	285420	52.042	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	729254	52.429	ug/l	99
20) Methylene Chloride	2.84	84	225580	46.188	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	207991	45.167	ug/l	94
22) Diisopropyl ether	3.82	45	716588	49.650	ug/l	99
23) Vinyl Acetate	3.79	43	3214119	251.315	ug/l	99
24) 1,1-Dichloroethane	3.67	63	395935	47.568	ug/l	97
25) 2-Butanone	4.64	43	802179	232.712	ug/l	99
26) 2,2-Dichloropropane	4.56	77	342253	44.503	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	239884	46.476	ug/l	97
28) Bromochloromethane	4.98	49	205346	52.721	ug/l	100
29) Tetrahydrofuran	5.09	42	513658	236.420	ug/l	97
30) Chloroform	5.18	83	428895	50.785	ug/l	95
31) Cyclohexane	5.55	56	305522	43.618	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	395928	49.972	ug/l	98
36) 1,1-Dichloropropene	5.78	75	290940	45.626	ug/l	98
37) Ethyl Acetate	4.79	43	321373	47.196	ug/l	99
38) Carbon Tetrachloride	5.76	117	354698	50.225	ug/l	94

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	313450	43.753	ug/l	97
40) Benzene	6.12	78	861677	47.152	ug/l	99
41) Methacrylonitrile	5.00	41	182096	48.127	ug/l	100
42) 1,2-Dichloroethane	6.17	62	371465	52.249	ug/l	98
43) Isopropyl Acetate	6.41	43	548870	48.574	ug/l	99
44) Trichloroethene	7.19	130	247670	46.816	ug/l	91
45) 1,2-Dichloropropane	7.49	63	235306	46.912	ug/l	98
46) Dibromomethane	7.64	93	169434	49.167	ug/l	98
47) Bromodichloromethane	7.88	83	352654	50.778	ug/l	96
48) Methyl methacrylate	7.74	41	268476	48.814	ug/l	97
49) 1,4-Dioxane	7.76	88	58101	639.330	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1675169	248.985	ug/l	99
52) Toluene	8.76	92	543323	47.247	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	386701	49.002	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	396829	48.811	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	237581	49.789	ug/l	99
56) Ethyl methacrylate	9.16	69	360622	50.968	ug/l	98
57) 1,3-Dichloropropane	9.35	76	391427	48.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	953341	253.429	ug/l	99
59) 2-Hexanone	9.48	43	1254081	245.064	ug/l	100
60) Dibromochloromethane	9.57	129	288386	50.684	ug/l	97
61) 1,2-Dibromoethane	9.65	107	257216	50.662	ug/l	100
64) Tetrachloroethene	9.32	164	209996	42.669	ug/l	96
65) Chlorobenzene	10.12	112	605677	47.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	253765	49.144	ug/l	98
67) Ethyl Benzene	10.24	91	1050965	47.170	ug/l	99
68) m/p-Xylenes	10.34	106	791215	93.877	ug/l	98
69) o-Xylene	10.68	106	372098	46.622	ug/l	97
70) Styrene	10.70	104	665039	48.259	ug/l	98
71) Bromoform	10.84	173	222332	51.281	ug/l	100
73) Isopropylbenzene	11.00	105	1046527	47.063	ug/l	99
74) N-amyl acetate	10.88	43	473870	47.334	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	357457	48.565	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	421588	60.270	ug/l	85
77) Bromobenzene	11.24	156	282392	46.026	ug/l	98
78) n-propylbenzene	11.34	91	1174699	45.131	ug/l	100
79) 2-Chlorotoluene	11.40	91	716410	45.471	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	898241	47.233	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	118808	43.523	ug/l	96
82) 4-Chlorotoluene	11.49	91	854846	45.644	ug/l	100
83) tert-Butylbenzene	11.76	119	861150	46.639	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	911660	47.601	ug/l	98
85) sec-Butylbenzene	11.93	105	986752	45.292	ug/l	100
86) p-Isopropyltoluene	12.05	119	943243	47.109	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	505564	45.829	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	505432	45.186	ug/l	99
89) n-Butylbenzene	12.37	91	819831	44.230	ug/l	99
90) Hexachloroethane	12.58	117	181466	45.397	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	485488	47.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90184	50.472	ug/l	99

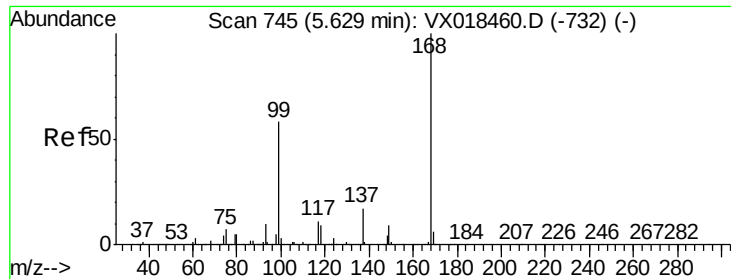
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	328962	45.777	ug/l	95
94) Hexachlorobutadiene	13.76	225	130580	43.302	ug/l	99
95) Naphthalene	13.82	128	1069750	49.292	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	326013	47.470	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

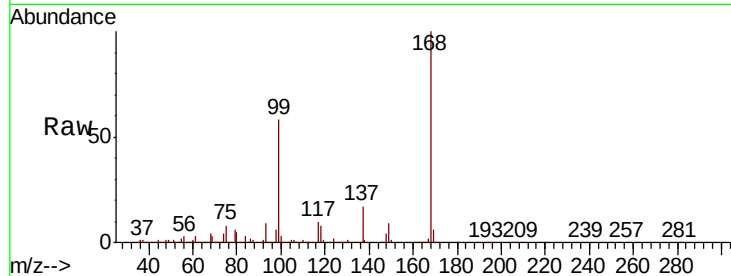
VSTDCCC050EC

Tot Ion:168 Resp: 409146

Ion Ratio Lower Upper

168 100

99 57.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

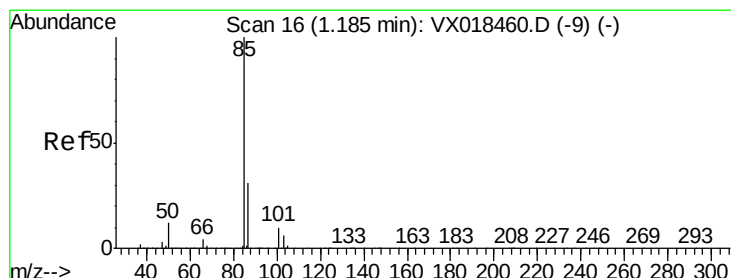
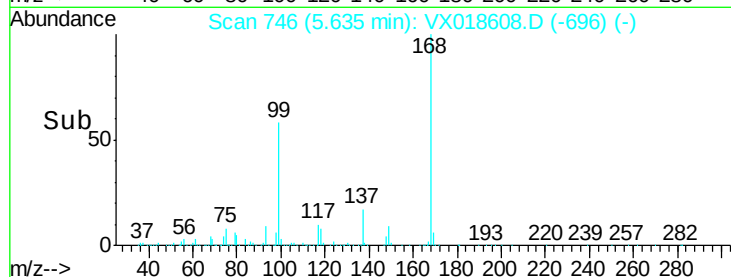
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.673 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018608.D

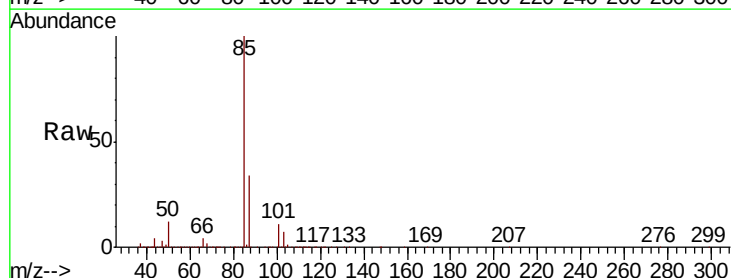
Acq: 25 Sep 2020 20:01

Tgt Ion: 85 Resp: 181047

Ion Ratio Lower Upper

85 100

87 33.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

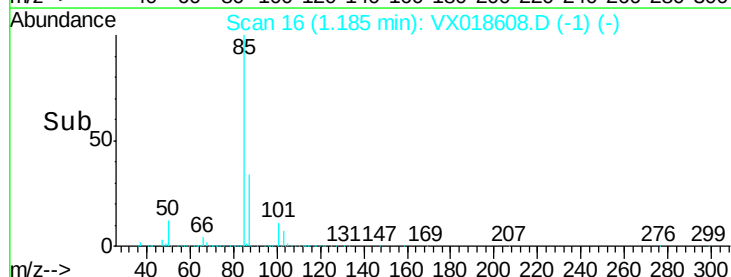
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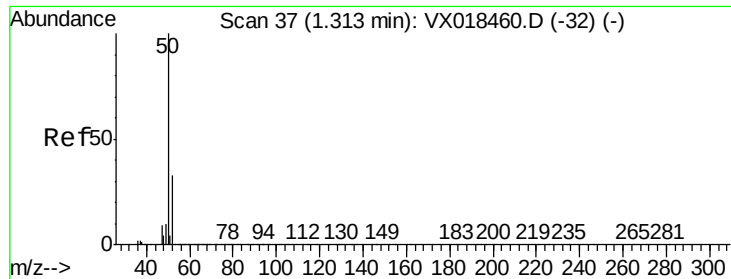
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->

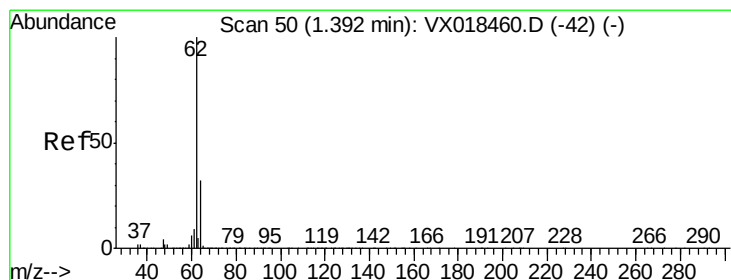
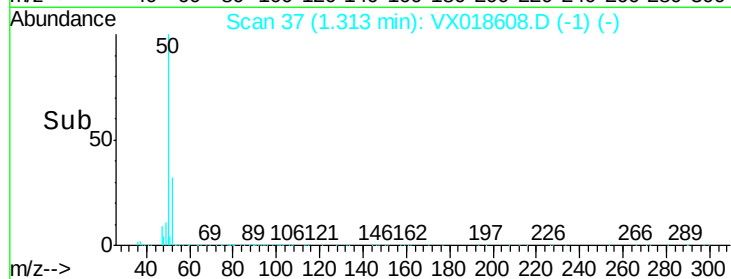
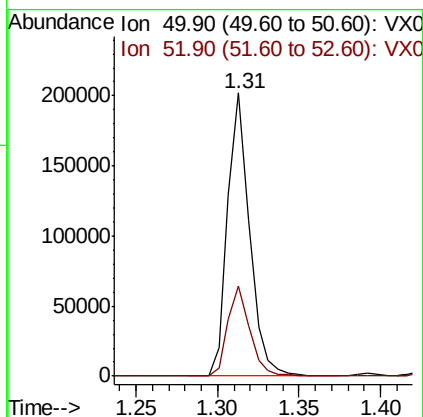
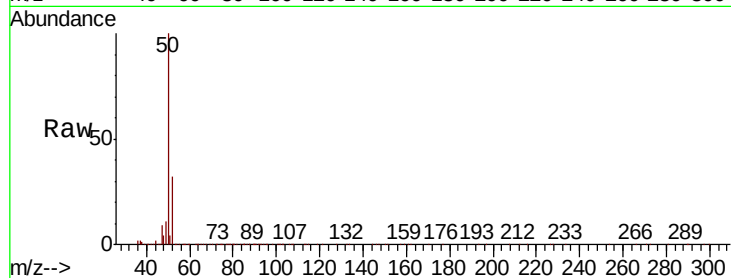




#3
Chloromethane
Concen: 41.714 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

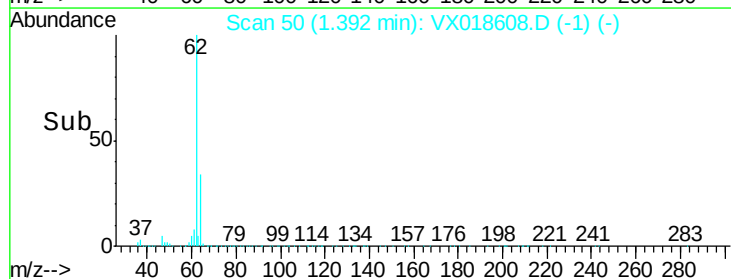
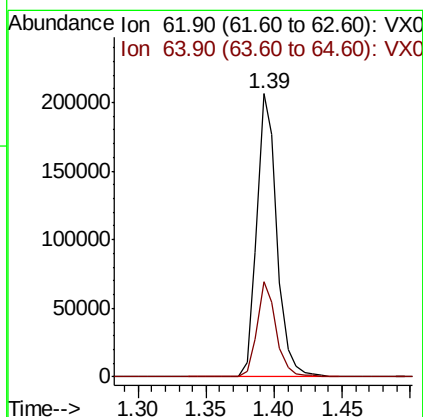
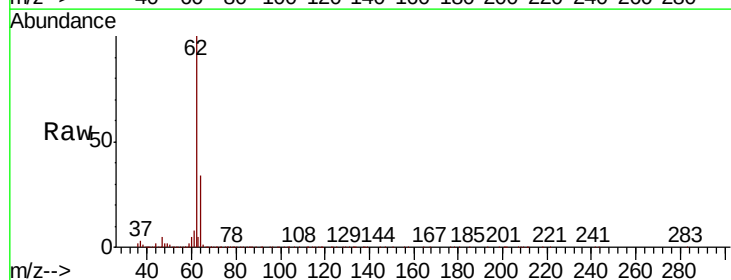
Instrument :
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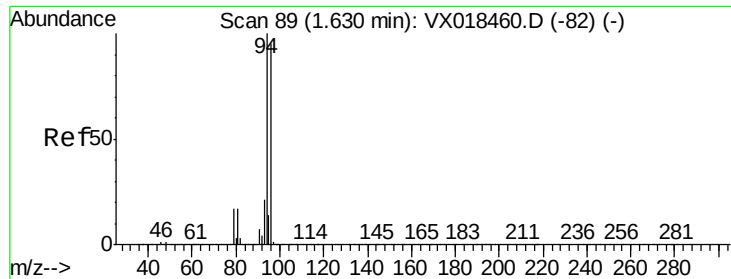
Tot Ion: 50 Resp: 189436
Ion Ratio Lower Upper
50 100
52 31.6 26.6 40.0



#4
Vinyl Chloride
Concen: 44.917 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion: 62 Resp: 215948
Ion Ratio Lower Upper
62 100
64 33.6 25.7 38.5





#5

Bromomethane

Concen: 45.906 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

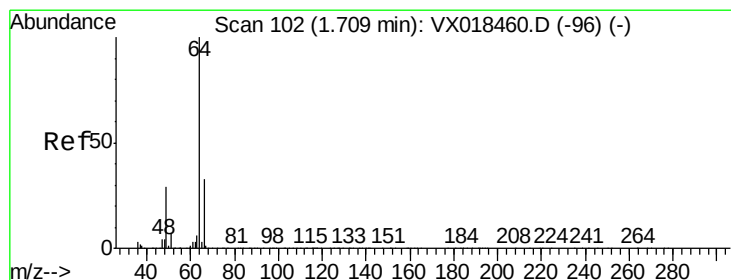
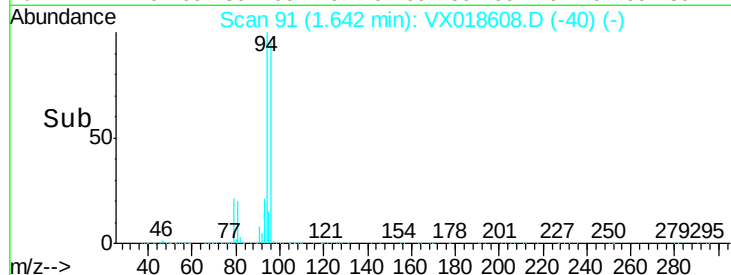
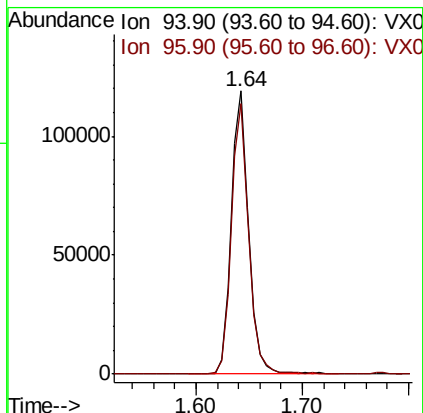
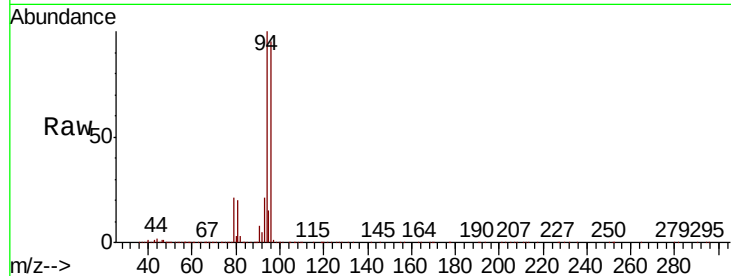
VSTDCCC050EC

Tot Ion: 94 Resp: 135458

Ion Ratio Lower Upper

94 100

96 95.4 75.5 113.3



#6

Chloroethane

Concen: 47.270 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018608.D

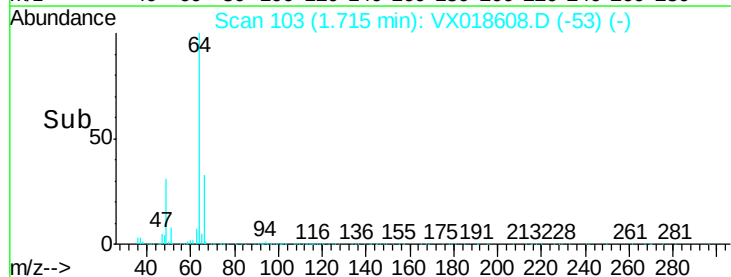
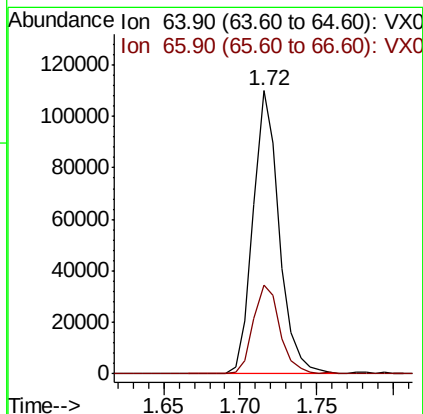
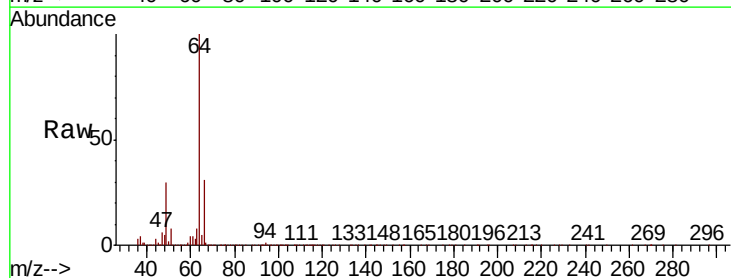
Acq: 25 Sep 2020 20:01

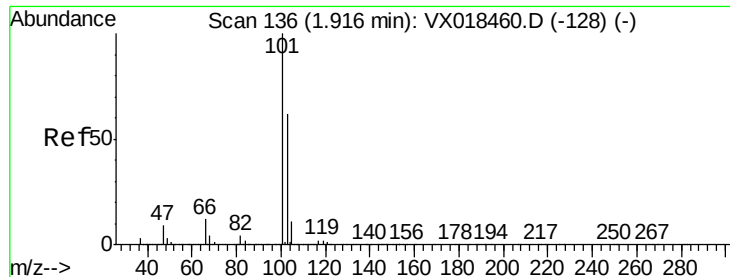
Tgt Ion: 64 Resp: 130067

Ion Ratio Lower Upper

64 100

66 31.3 26.2 39.4





#7

Trichlorofluoromethane

Concen: 51.123 ug/l

RT: 1.92 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

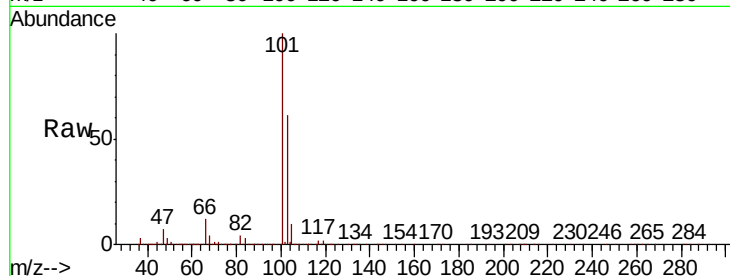
VSTDCCC050EC

Tot Ion:101 Resp: 373392

Ion Ratio Lower Upper

101 100

103 61.0 49.6 74.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.92

250000

200000

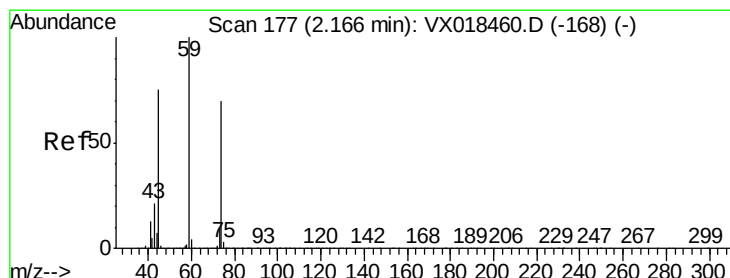
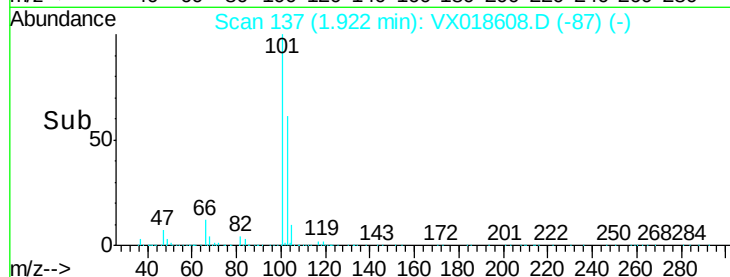
150000

100000

50000

0

Time--> 1.80 1.90 2.00



#8

Diethyl Ether

Concen: 49.323 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX018608.D

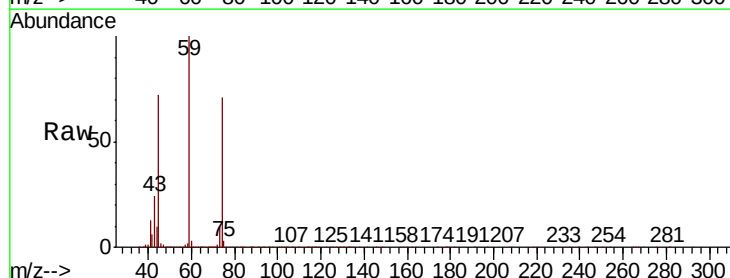
Acq: 25 Sep 2020 20:01

Tgt Ion: 74 Resp: 126393

Ion Ratio Lower Upper

74 100

45 96.9 50.7 152.1



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

100000

80000

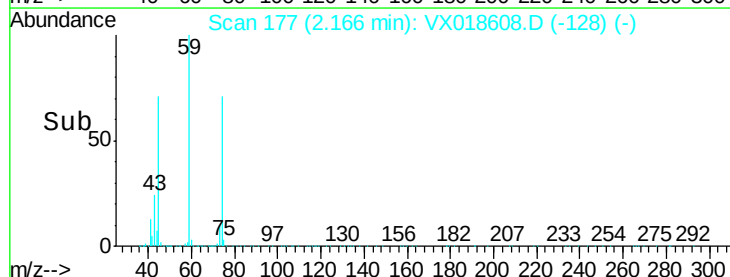
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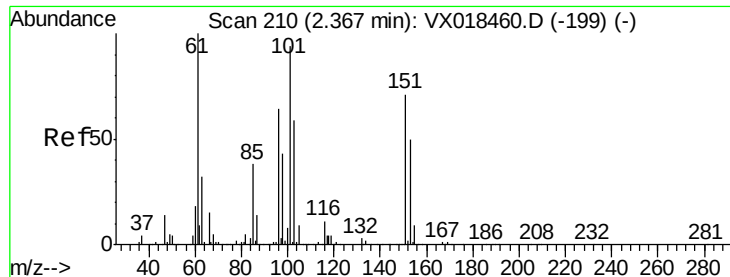
40000

20000

0

Time--> 2.10 2.15 2.20 2.25





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.145 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

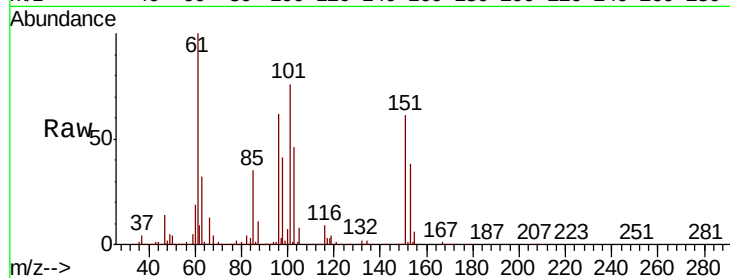
Tot Ion:101 Resp: 185336

Ion Ratio Lower Upper

101 100

85 44.1 34.7 52.1

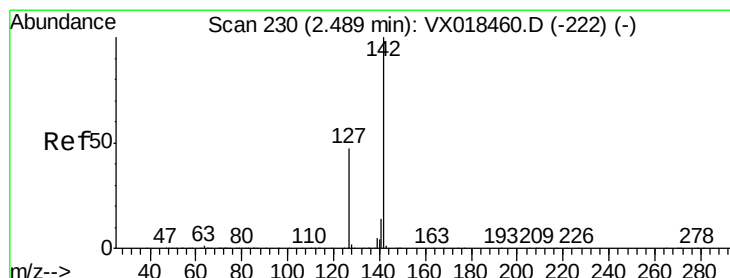
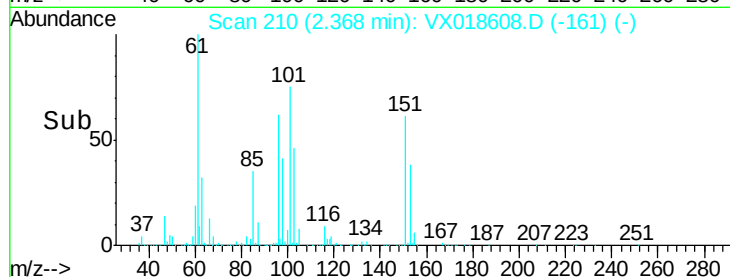
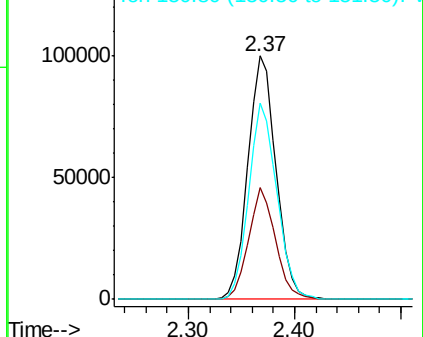
151 81.0 64.9 97.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.186 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

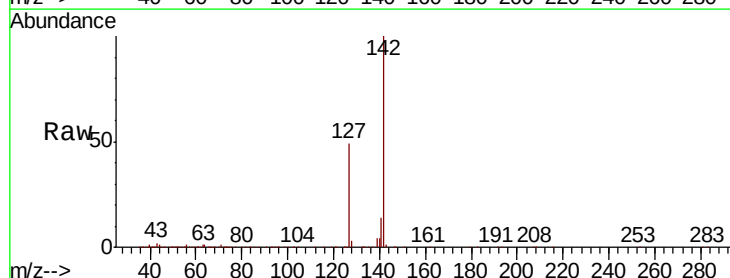
Tgt Ion:142 Resp: 217244

Ion Ratio Lower Upper

142 100

127 49.0 36.0 54.0

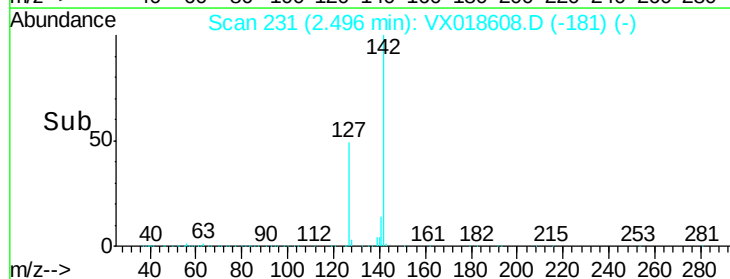
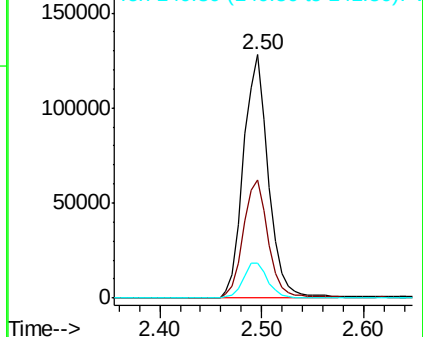
141 14.4 11.9 17.9

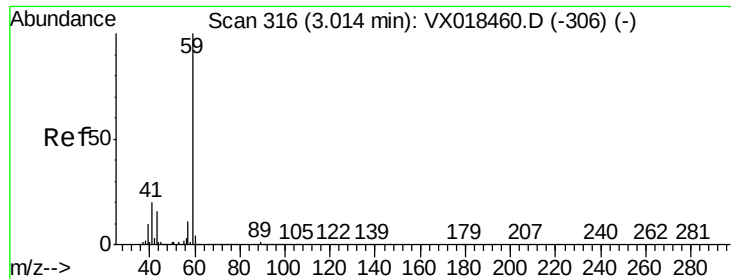


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 210.384 ug/l

RT: 3.04 min Scan# 321

Delta R.T. 0.03 min

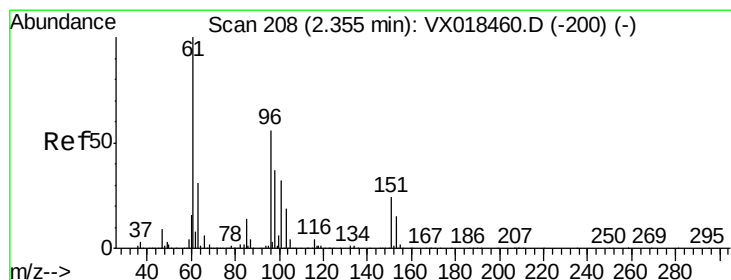
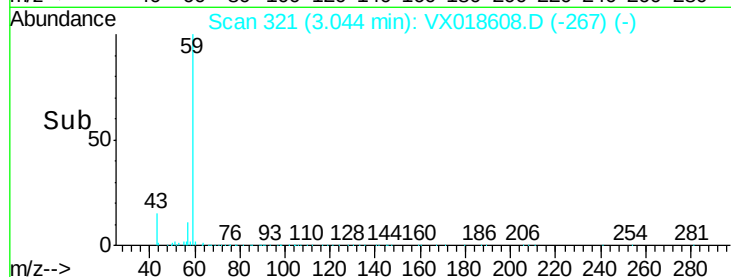
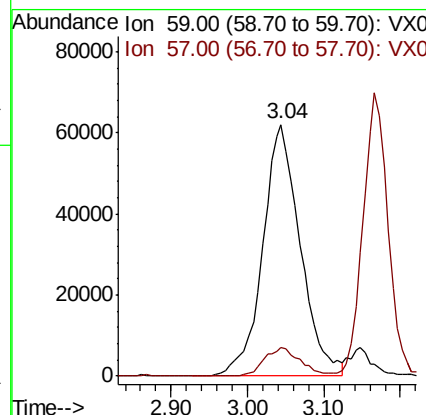
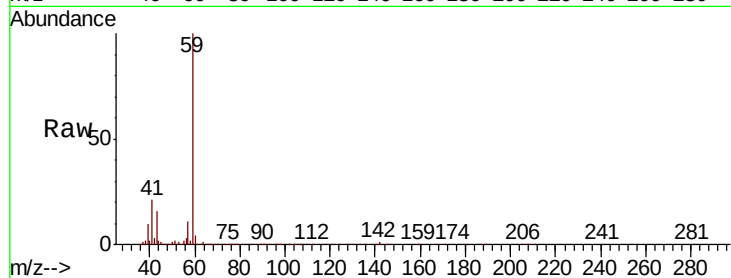
Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 211875

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.4



#12

1,1-Dichloroethene

Concen: 47.458 ug/l

RT: 2.36 min Scan# 209

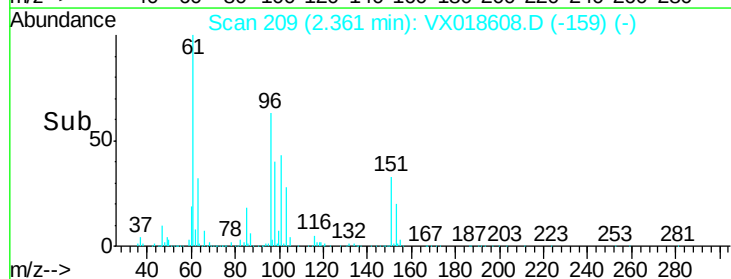
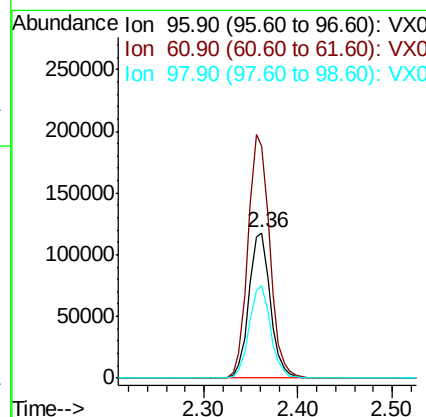
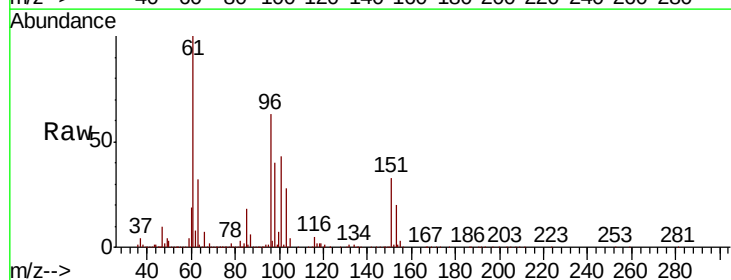
Delta R.T. 0.01 min

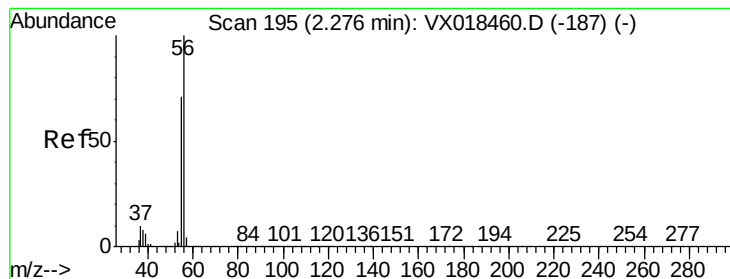
Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Tgt Ion: 96 Resp: 188044

Ion	Ratio	Lower	Upper
96	100		
61	159.7	142.2	213.4
98	63.4	52.4	78.6





#13

Acrolein

Concen: 168.777 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

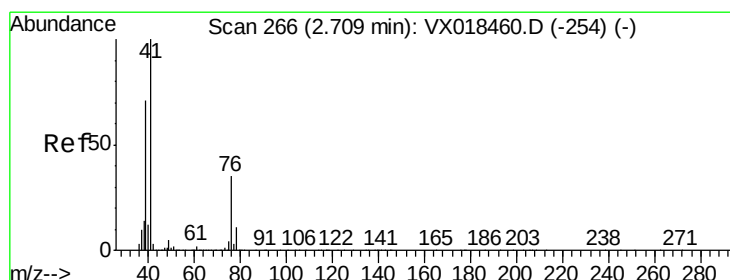
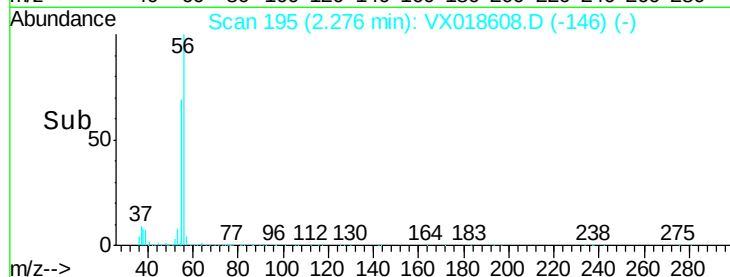
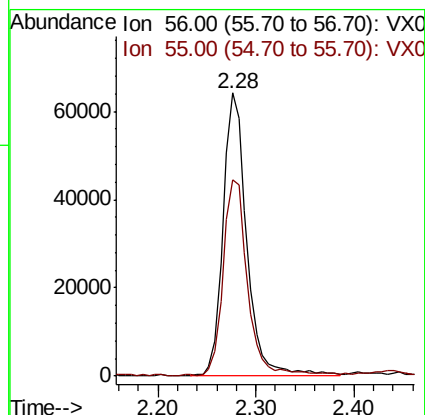
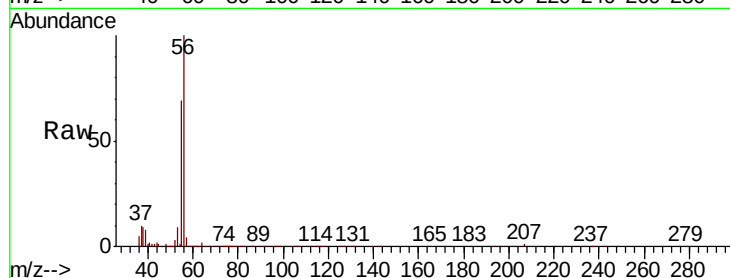
VSTDCCC050EC

Tot Ion: 56 Resp: 107625

Ion Ratio Lower Upper

56 100

55 71.8 58.2 87.4



#14

Allyl chloride

Concen: 45.110 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

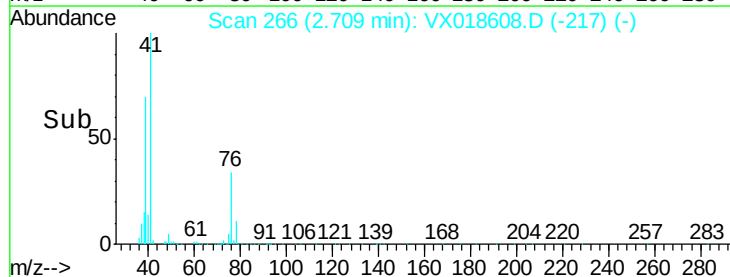
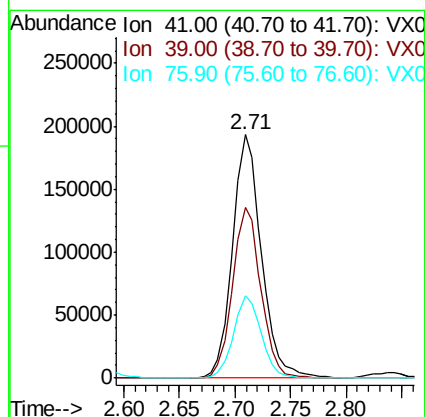
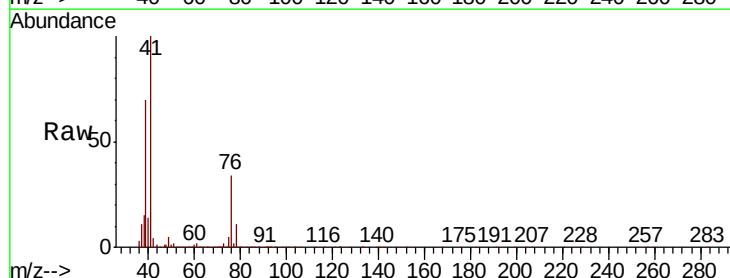
Tgt Ion: 41 Resp: 346370

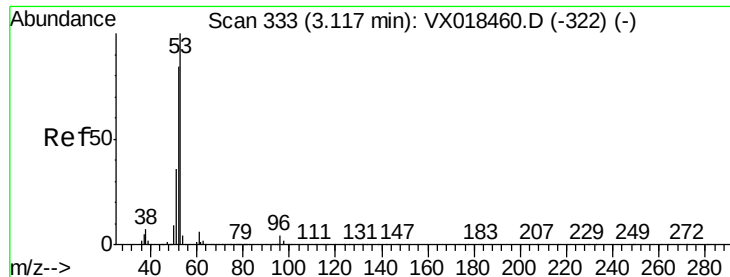
Ion Ratio Lower Upper

41 100

39 68.9 51.1 76.7

76 32.4 26.0 39.0

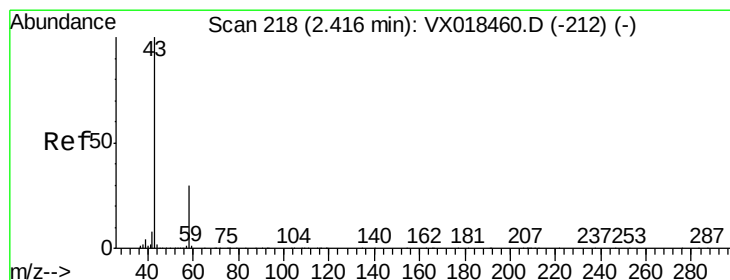
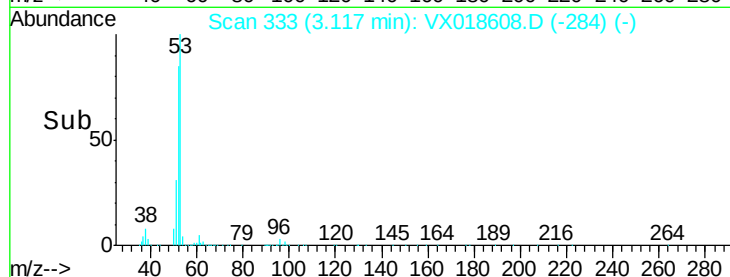
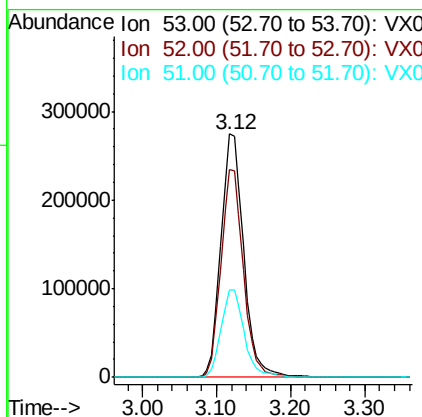
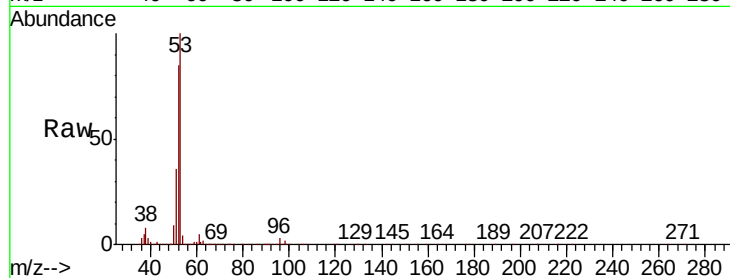




#15
 Acrylonitrile
 Concen: 241.566 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

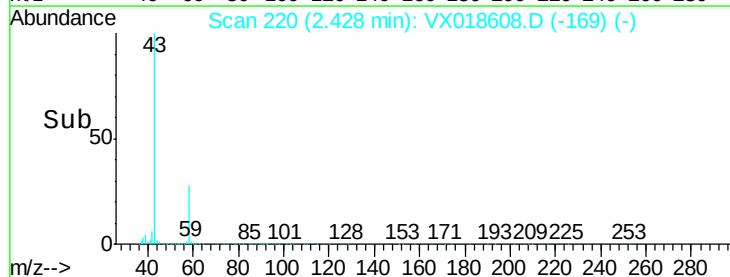
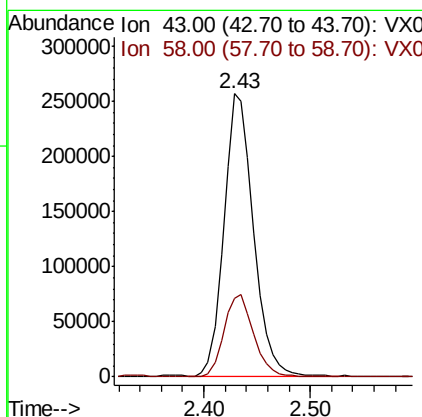
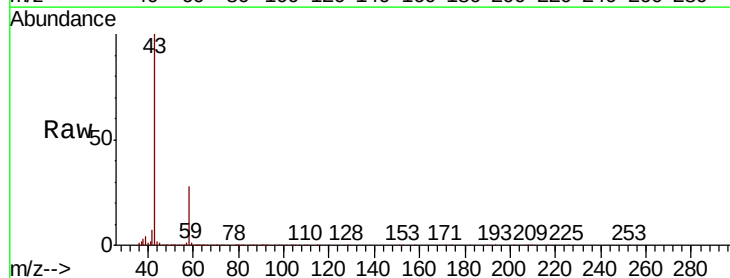
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

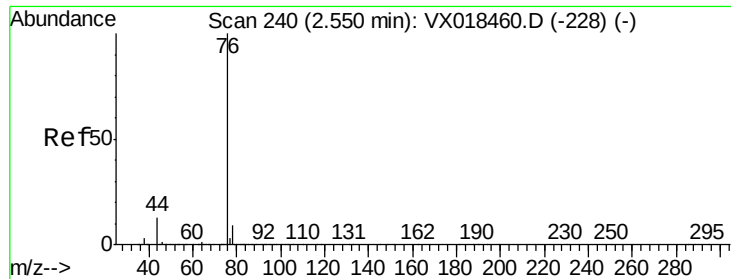
Tot Ion	53	Resp	580472
Ion Ratio	Lower	Upper	
53	100		
52	84.1	65.8	98.8
51	37.0	29.2	43.8



#16
 Acetone
 Concen: 222.724 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion	43	Resp	493012
Ion Ratio	Lower	Upper	
43	100		
58	27.9	24.0	36.0

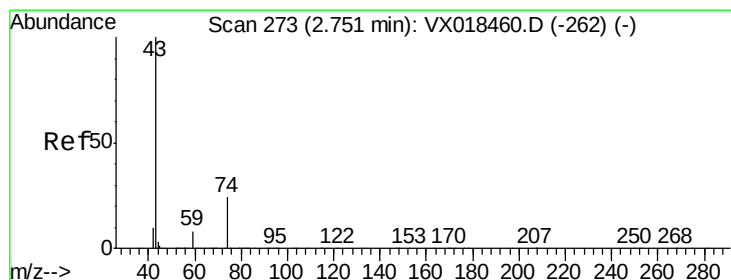
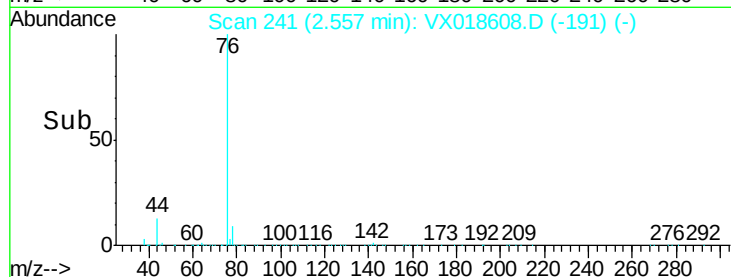
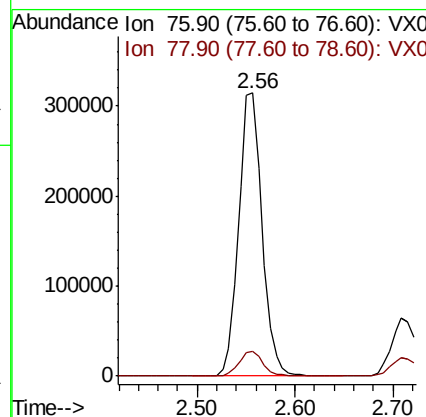
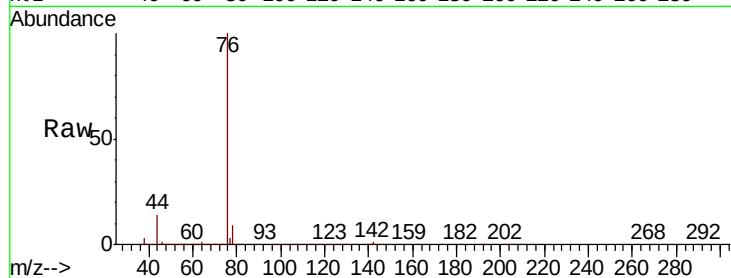




#17
Carbon Disulfide
Concen: 44.178 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

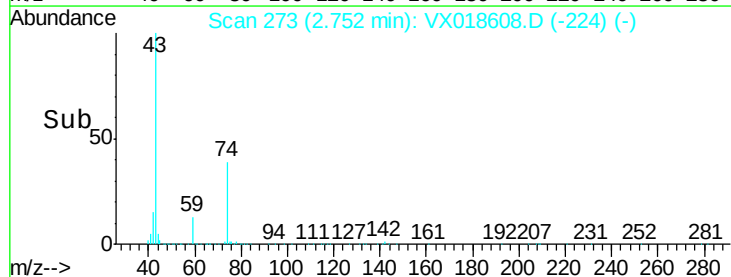
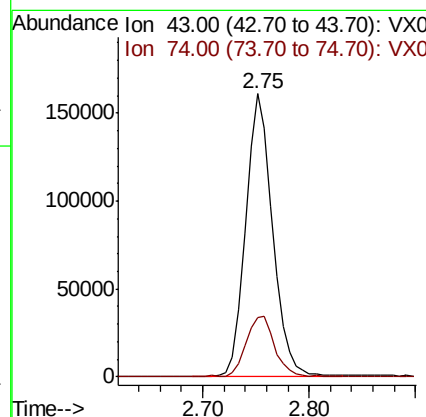
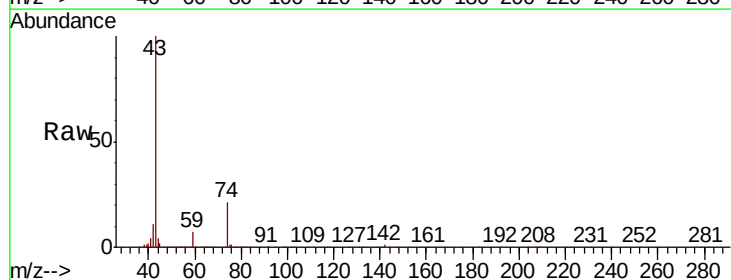
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

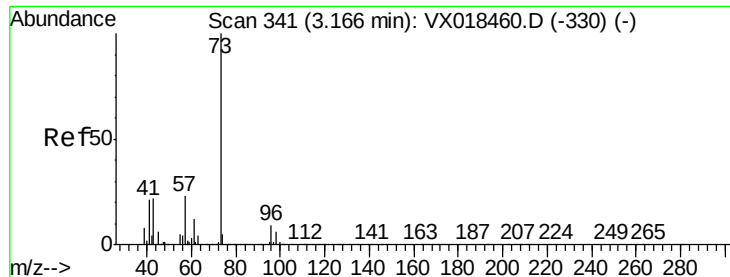
Tot Ion: 76 Resp: 522777
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 52.042 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion: 43 Resp: 285420
Ion Ratio Lower Upper
43 100
74 23.5 18.3 27.5

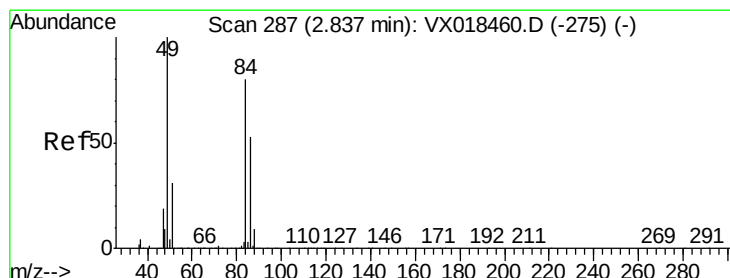
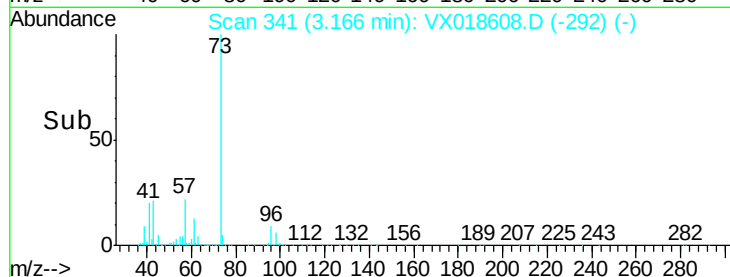
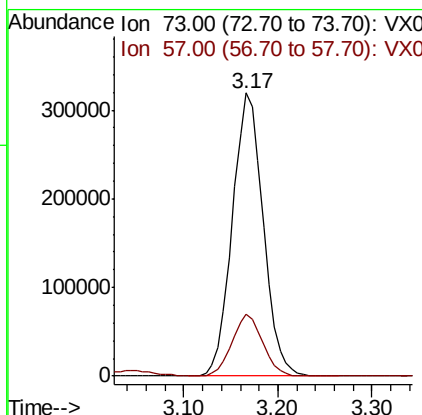
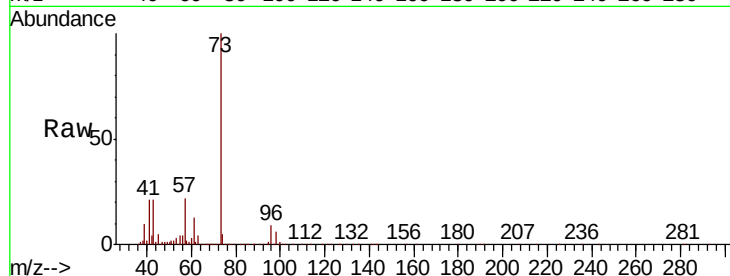




#19
Methyl tert-butyl Ether
Concen: 52.429 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

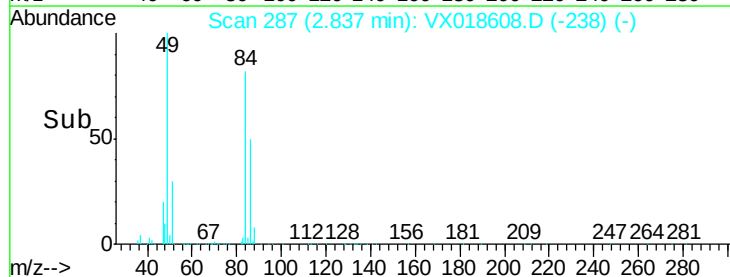
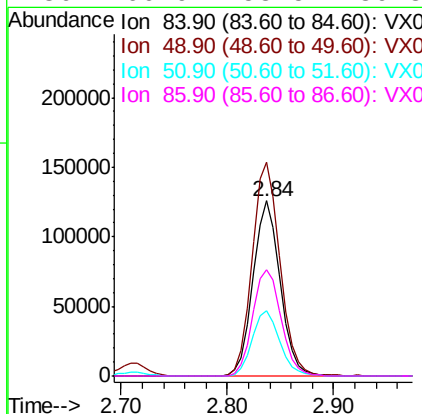
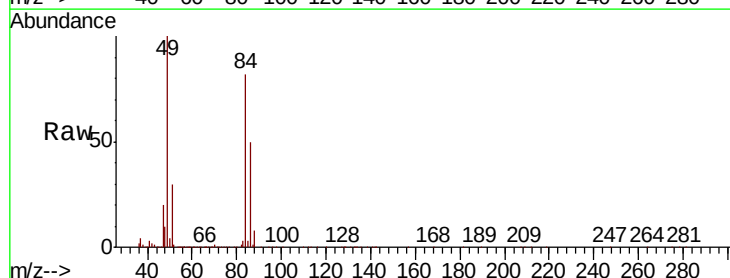
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

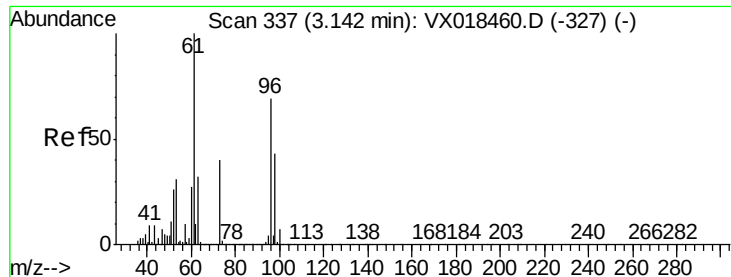
Tot Ion: 73 Resp: 729254
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0



#20
Methylene Chloride
Concen: 46.188 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion: 84 Resp: 225580
Ion Ratio Lower Upper
84 100
49 122.1 100.6 151.0
51 37.0 30.9 46.3
86 60.9 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 45.167 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

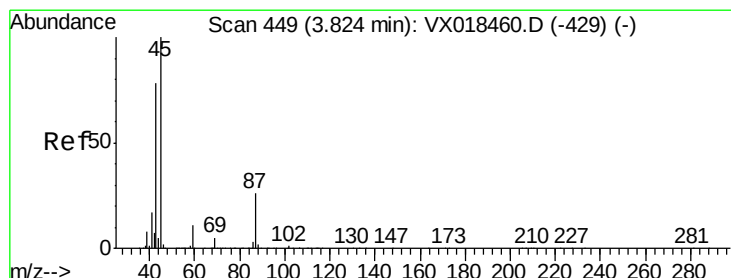
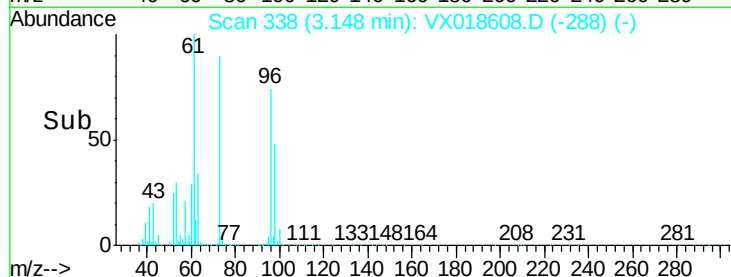
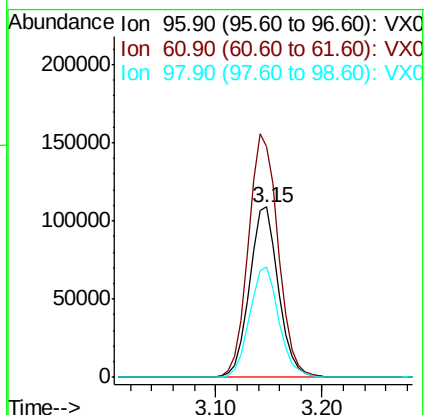
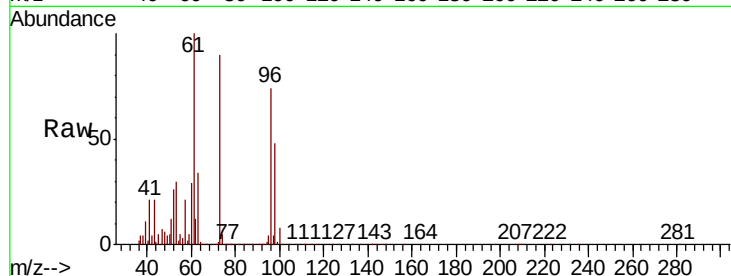
Tot Ion: 96 Resp: 207991

Ion Ratio Lower Upper

96 100

61 135.3 115.6 173.4

98 65.0 50.2 75.4



#22

Diisopropyl ether

Concen: 49.650 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Tgt Ion: 45 Resp: 716588

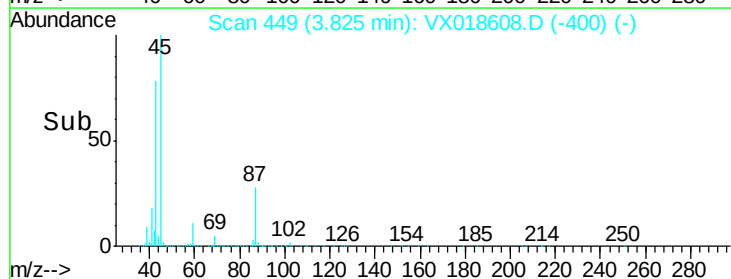
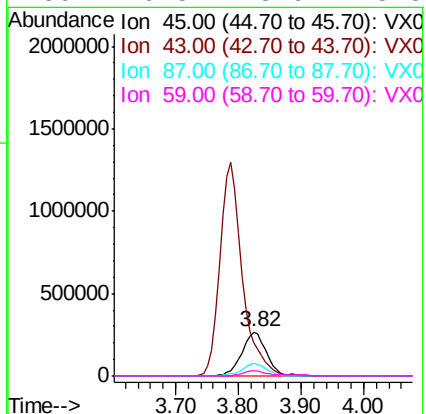
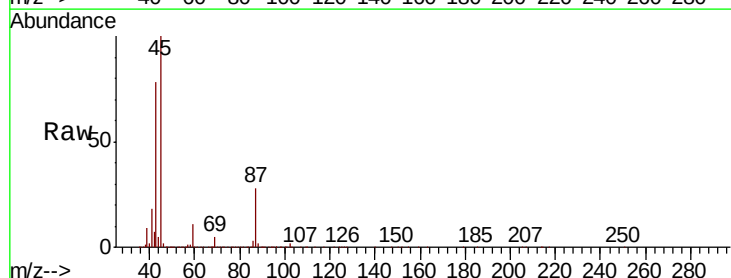
Ion Ratio Lower Upper

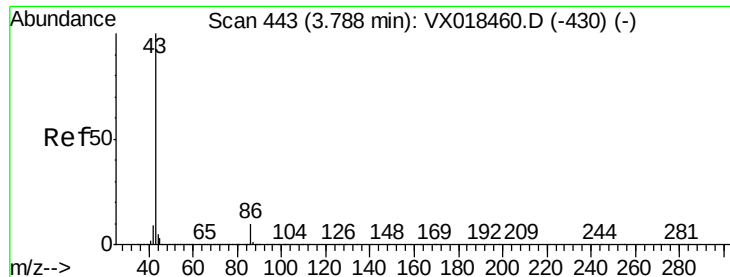
45 100

43 77.7 62.4 93.6

87 28.1 21.2 31.8

59 10.5 8.9 13.3





#23

Vinyl Acetate

Concen: 251.315 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

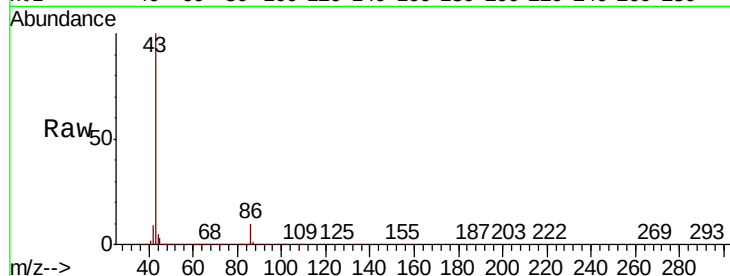
VSTDCCC050EC

Tot Ion: 43 Resp: 3214119

Ion Ratio Lower Upper

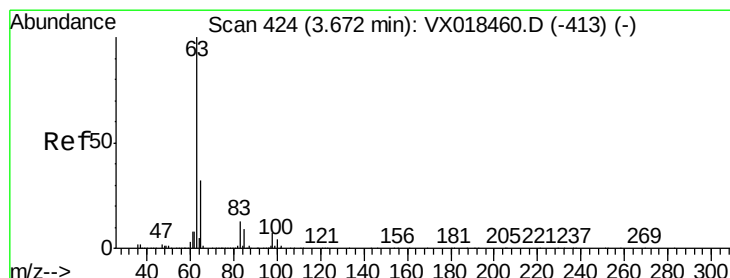
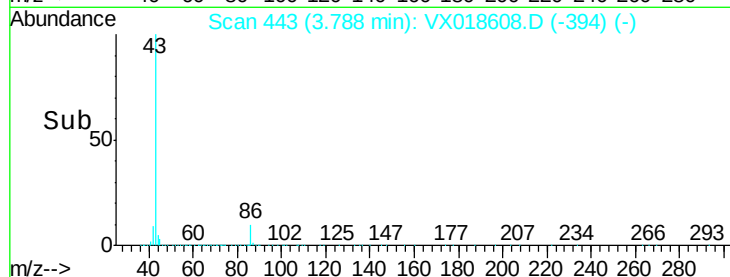
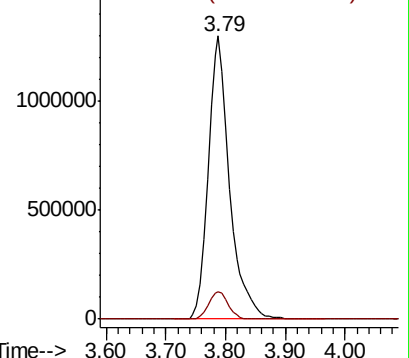
43 100

86 9.7 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.568 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

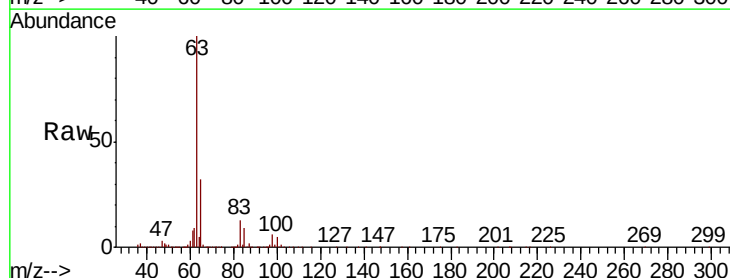
Tgt Ion: 63 Resp: 395935

Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.6

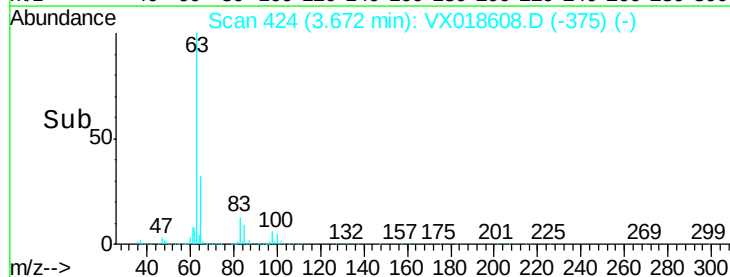
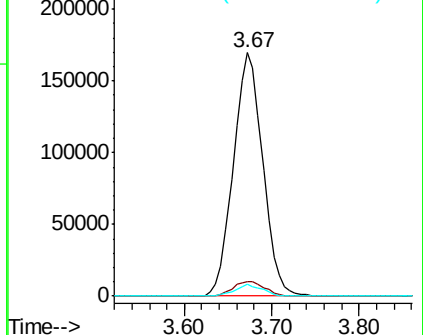
100 5.0 1.9 5.7

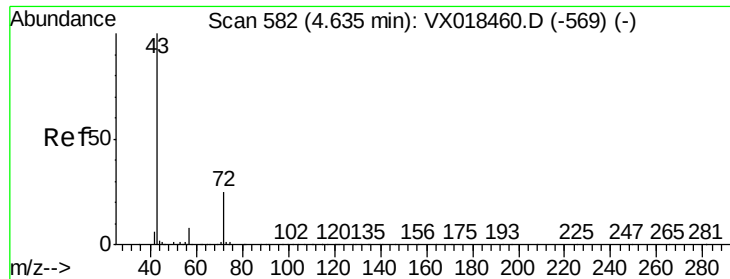


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

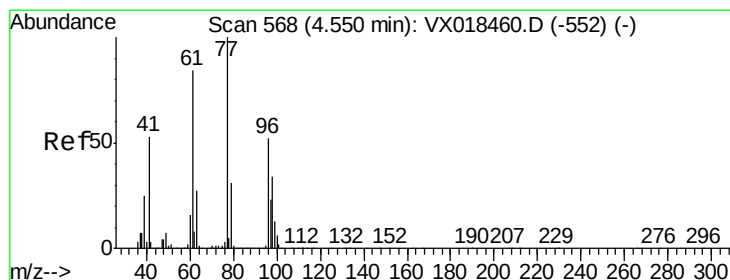
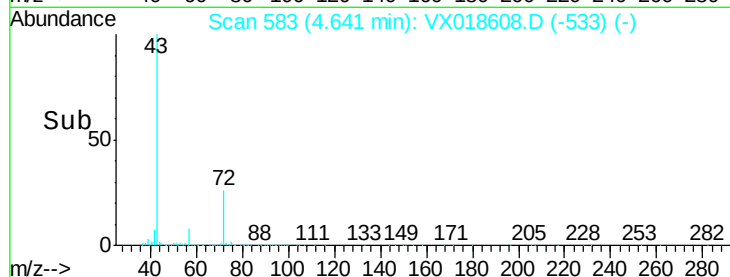
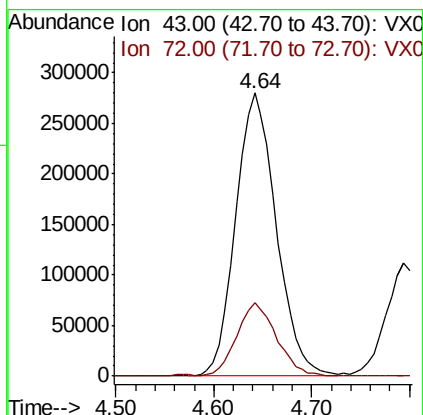
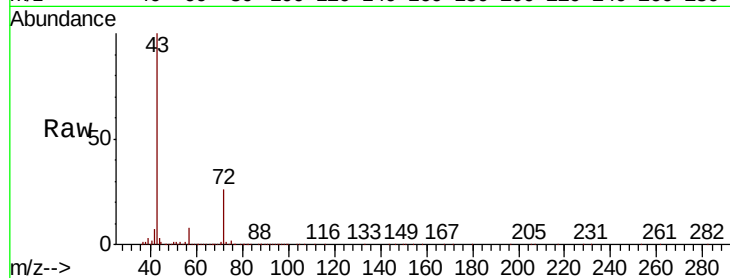




#25
2-Butanone
Concen: 232.712 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

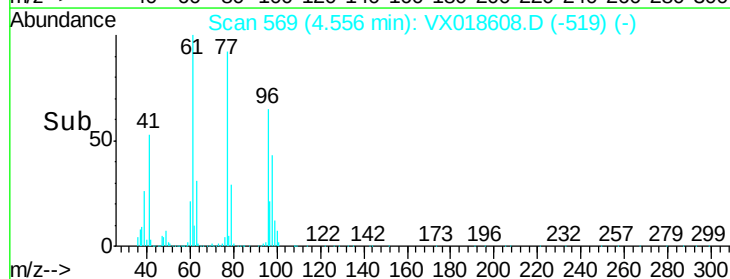
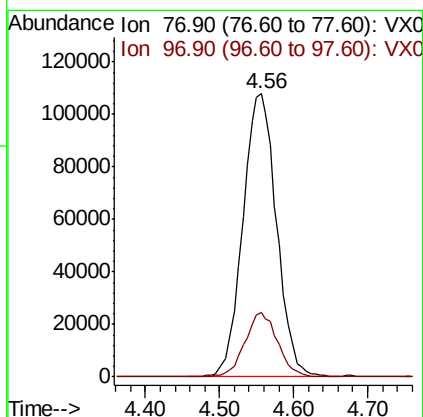
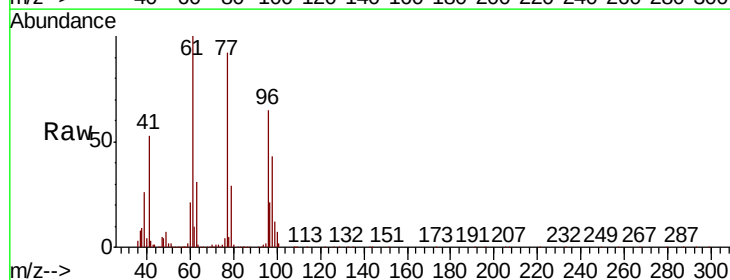
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

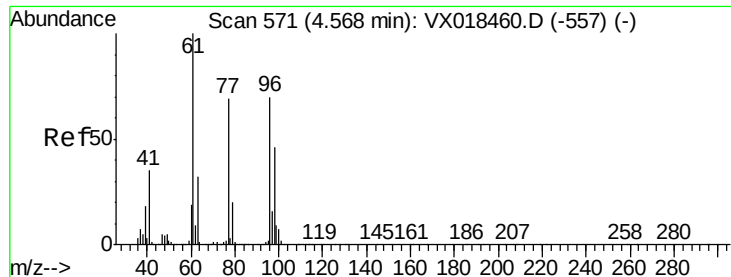
Tot Ion: 43 Resp: 802179
Ion Ratio Lower Upper
43 100
72 25.6 20.2 30.4



#26
2,2-Dichloropropane
Concen: 44.503 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion: 77 Resp: 342253
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.5



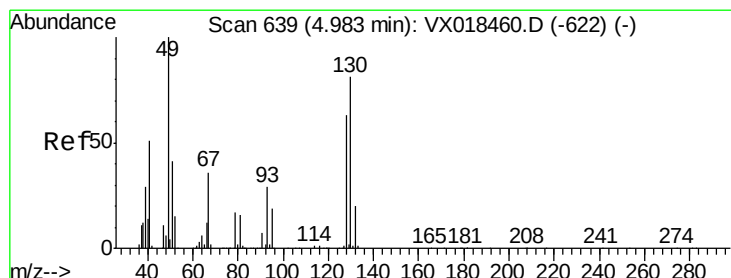
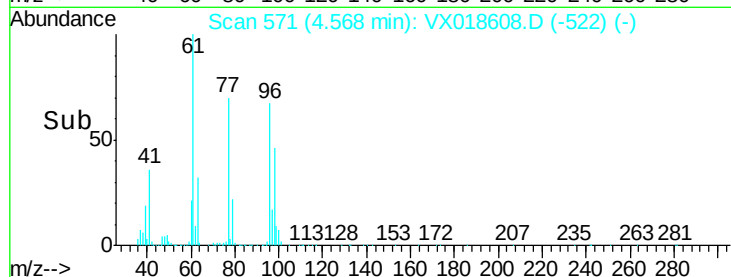
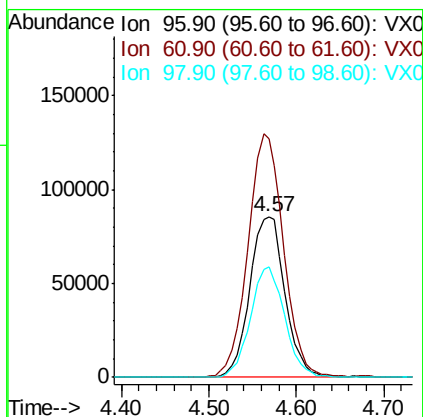
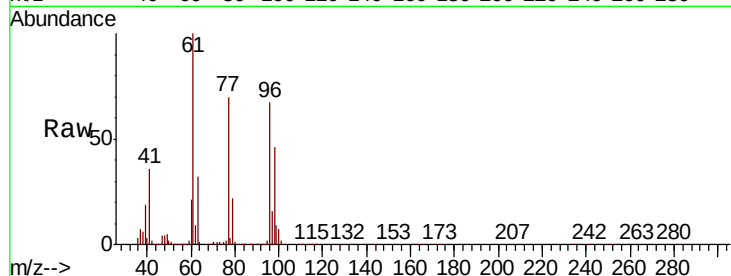


#27

cis-1,2-Dichloroethene
Concen: 46.476 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

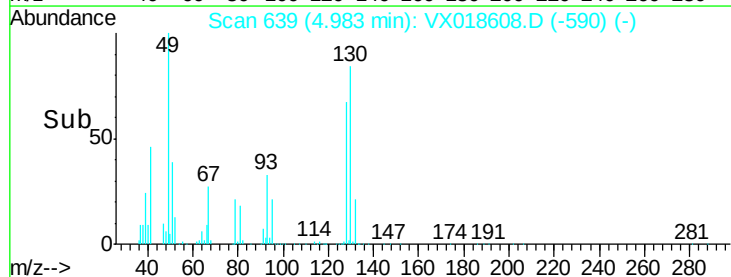
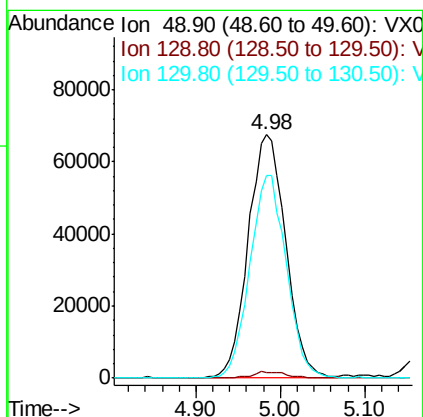
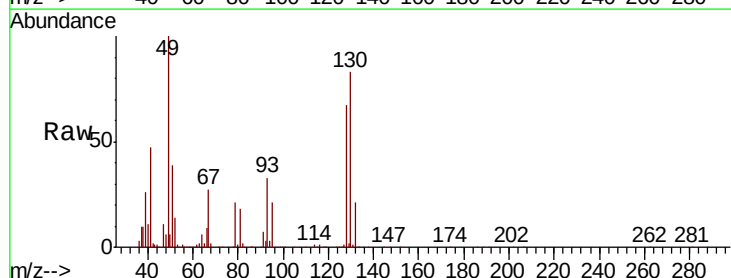
Tot Ion	96	Resp	239884
Ion Ratio	Lower	Upper	
96	100		
61	153.3	0.0	300.0
98	67.1	0.0	130.4

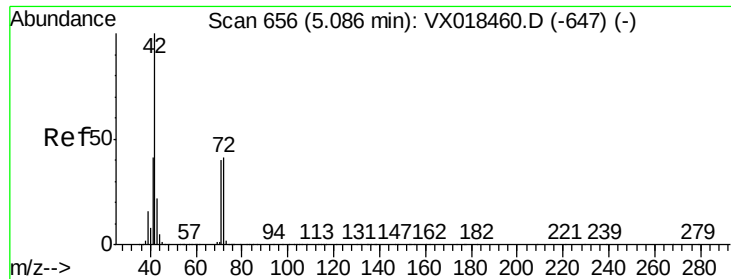


#28

Bromochloromethane
Concen: 52.721 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	49	Resp	205346
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
49	100		
129	2.6	0.0	4.6
130	80.9	65.0	97.4





#29

Tetrahydrofuran

Concen: 236.420 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

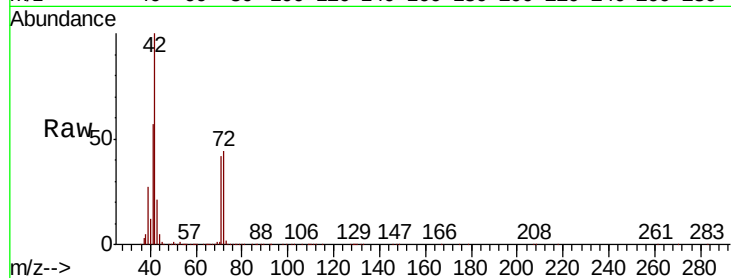
Tot Ion: 42 Resp: 513658

Ion Ratio Lower Upper

42 100

72 44.6 34.3 51.5

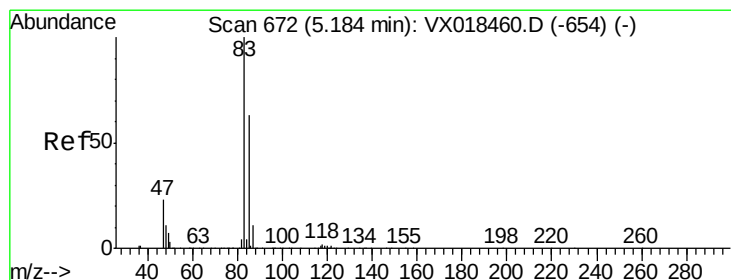
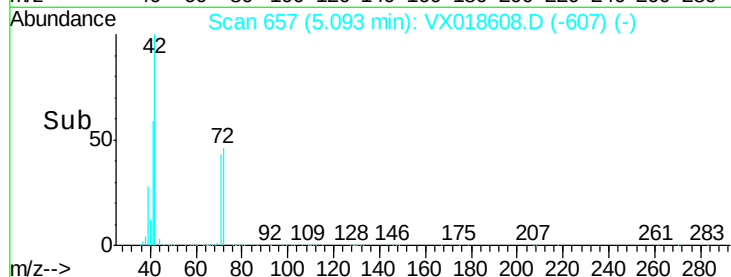
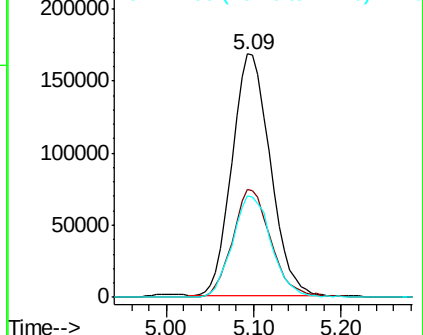
71 42.3 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.785 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX018608.D

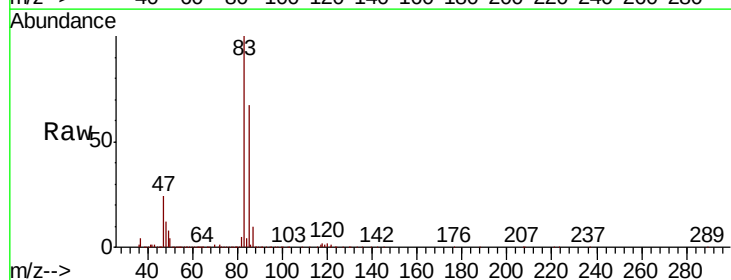
Acq: 25 Sep 2020 20:01

Tgt Ion: 83 Resp: 428895

Ion Ratio Lower Upper

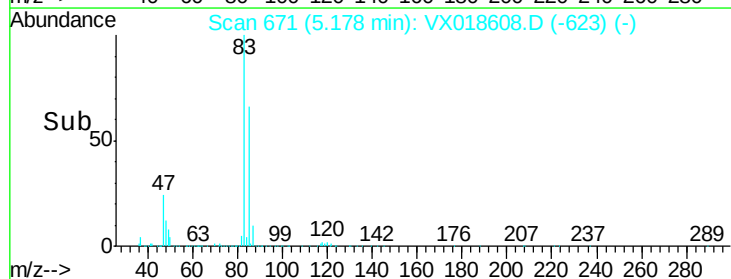
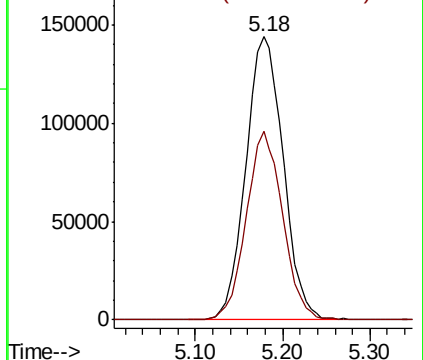
83 100

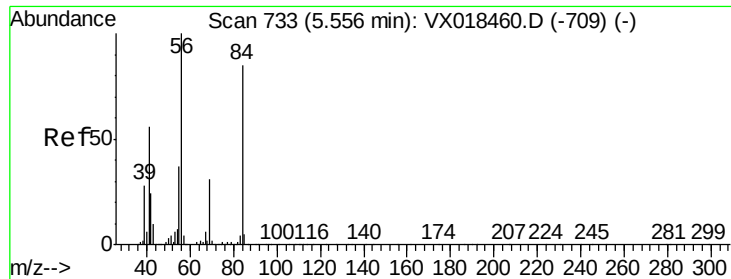
85 66.9 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 43.618 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

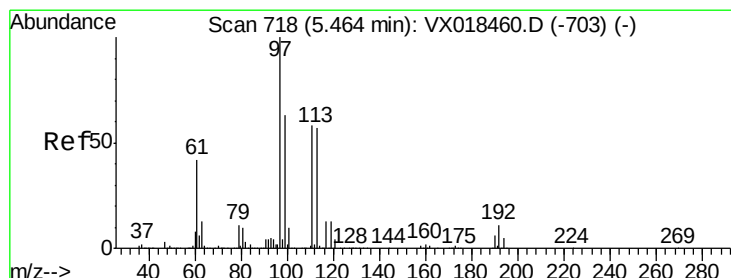
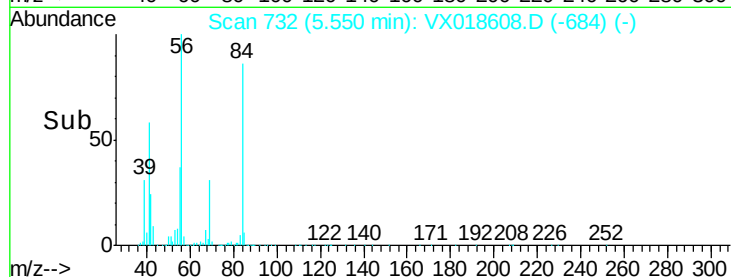
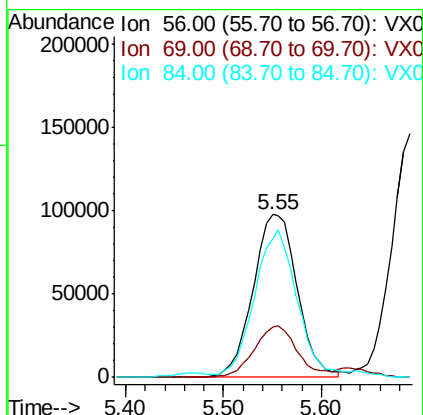
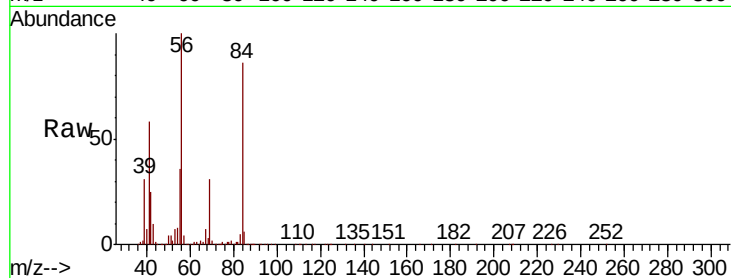
Tot Ion: 56 Resp: 305522

Ion Ratio Lower Upper

56 100

69 30.7 24.8 37.2

84 83.1 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 49.972 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

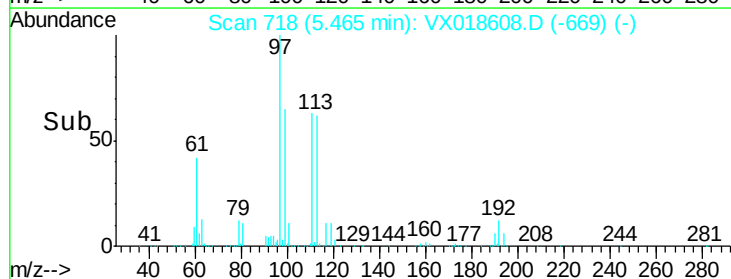
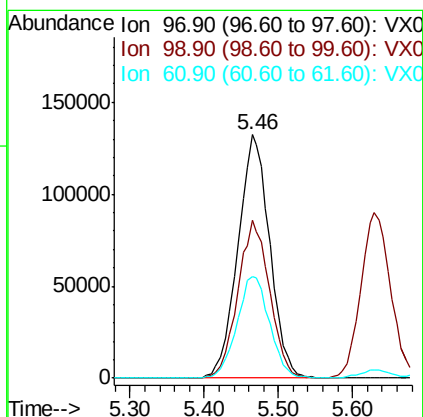
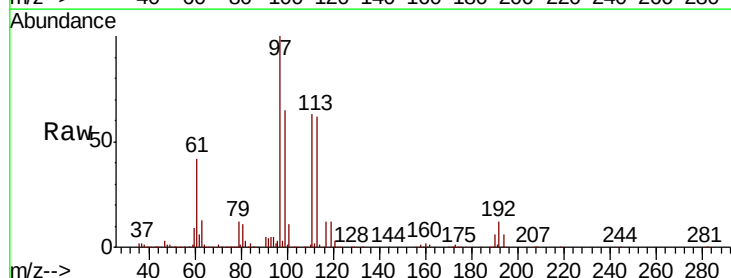
Tgt Ion: 97 Resp: 395928

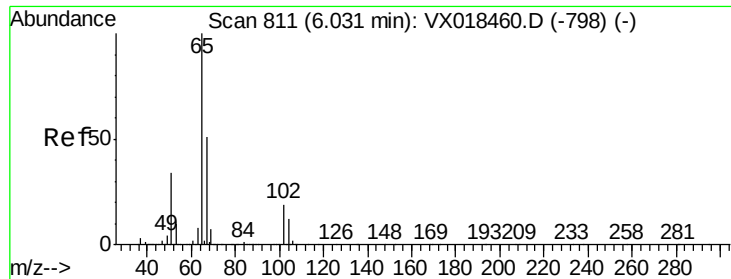
Ion Ratio Lower Upper

97 100

99 64.8 50.5 75.7

61 42.9 33.4 50.2

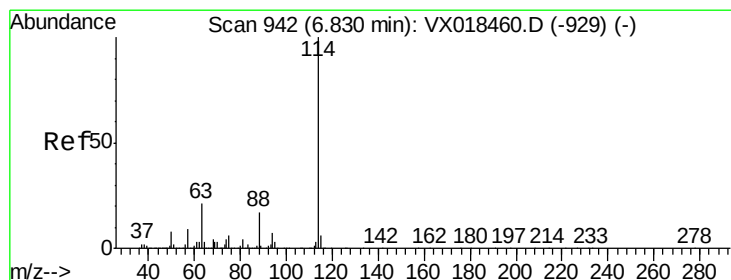
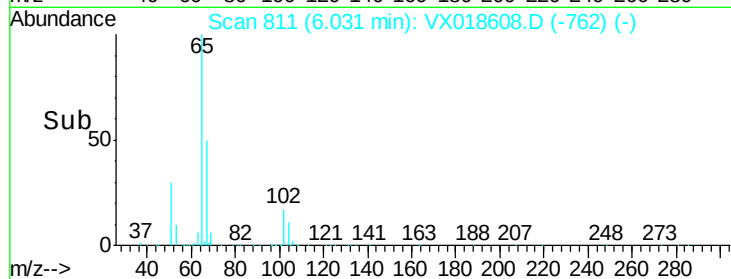
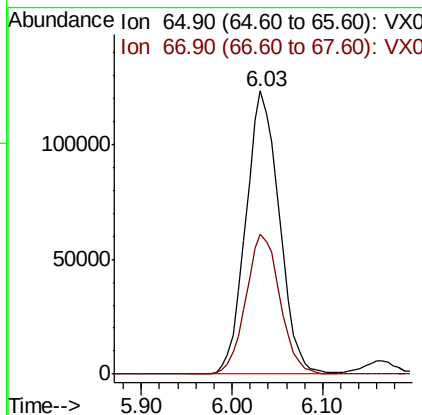
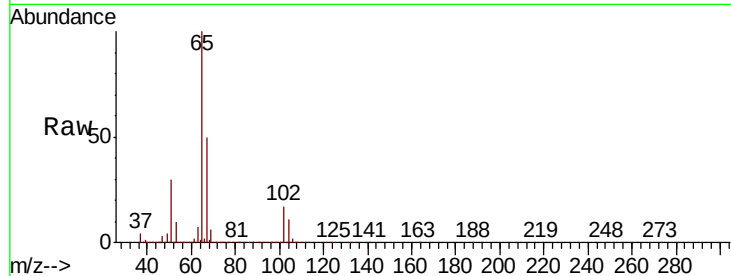




#33
 1,2-Dichloroethane-d4
 Concen: 54.369 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

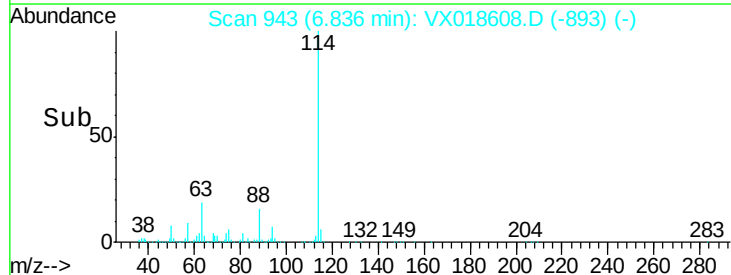
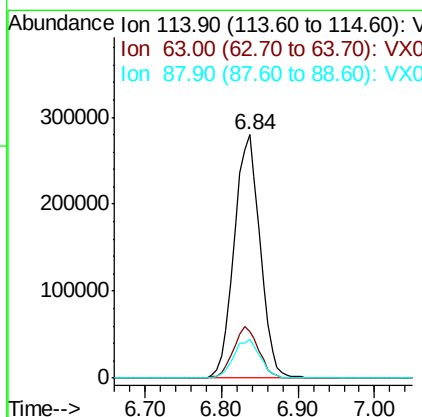
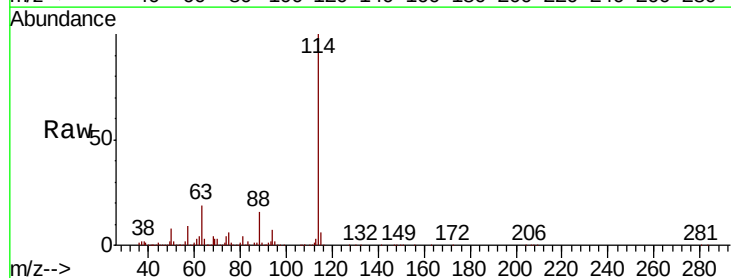
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

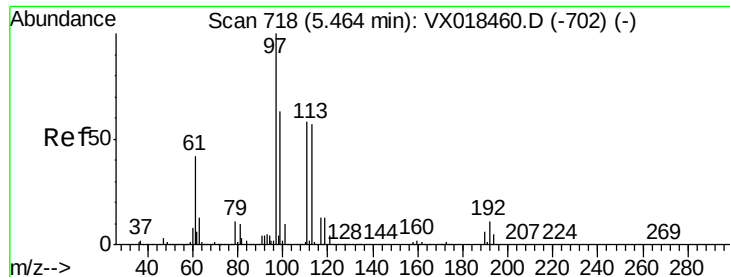
Tot Ion: 65 Resp: 314688
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion: 114 Resp: 656977
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.8
 88 16.1 0.0 33.6

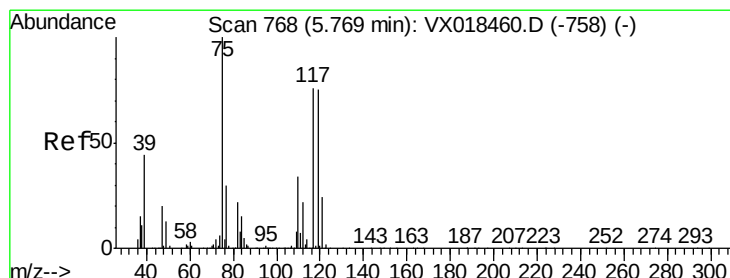
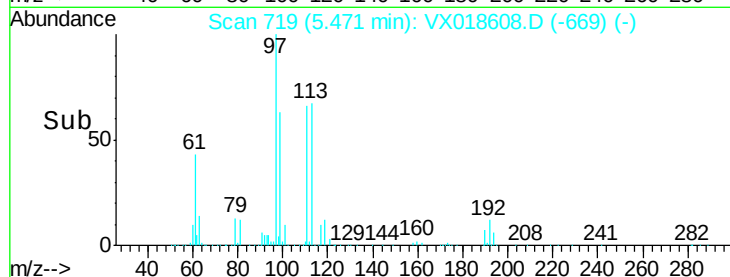
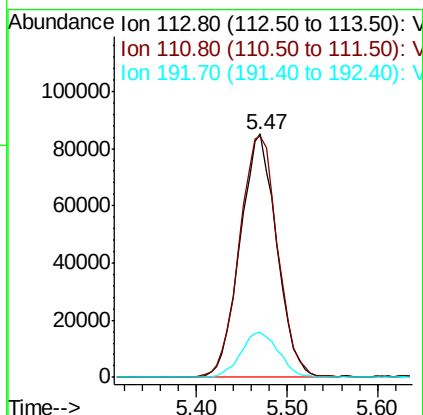
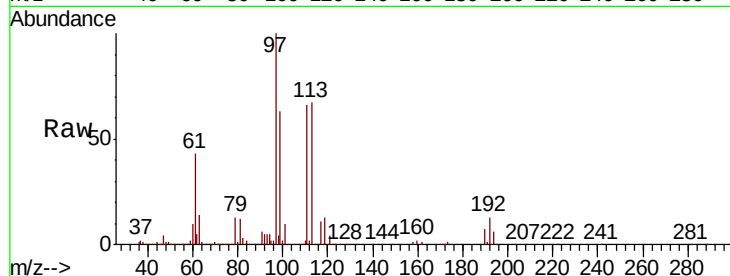




#35
 Dibromofluoromethane
 Concen: 52.554 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

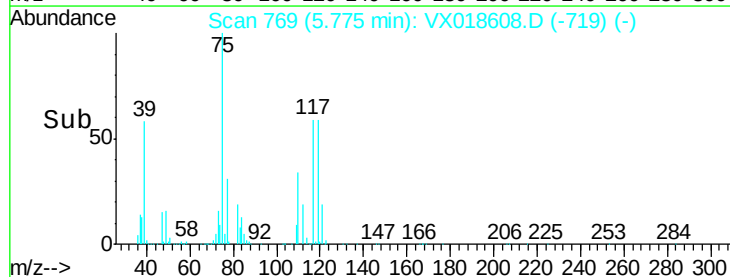
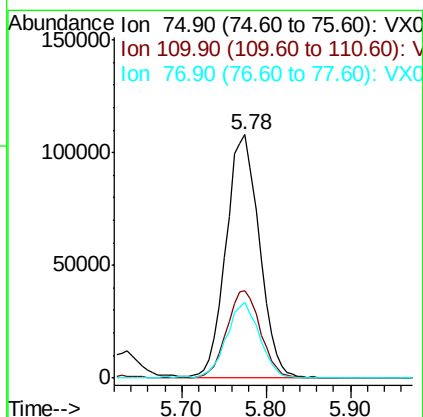
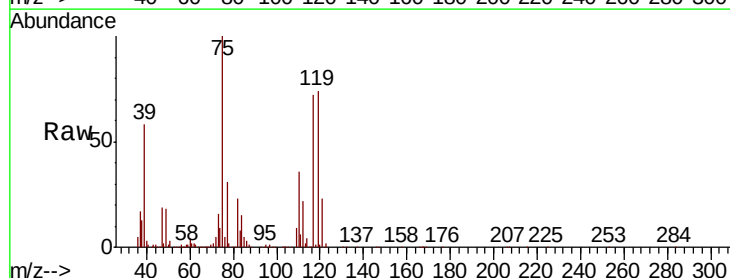
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

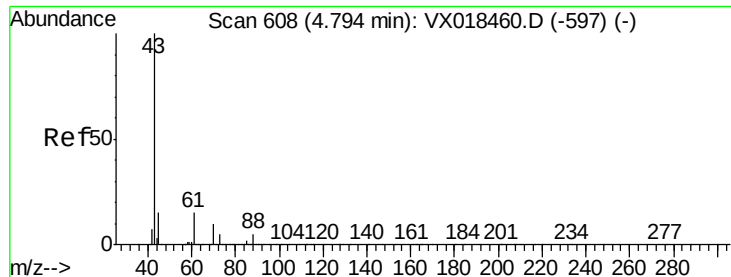
Tot Ion:113 Resp: 238689
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.4 122.2
 192 19.4 16.6 24.8



#36
 1,1-Dichloropropene
 Concen: 45.626 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion: 75 Resp: 290940
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.6 52.8
 77 30.7 25.0 37.6

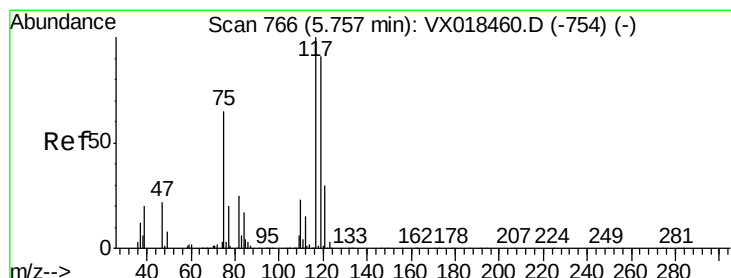
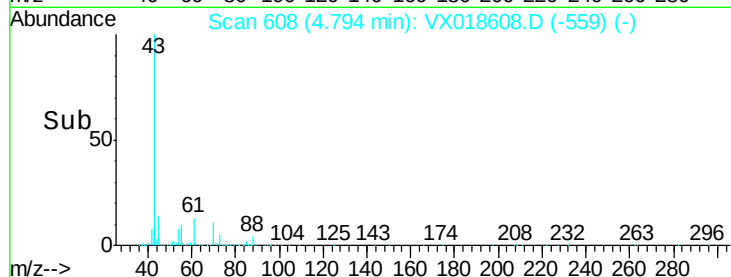
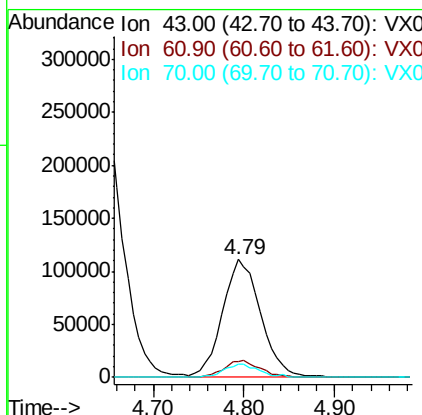
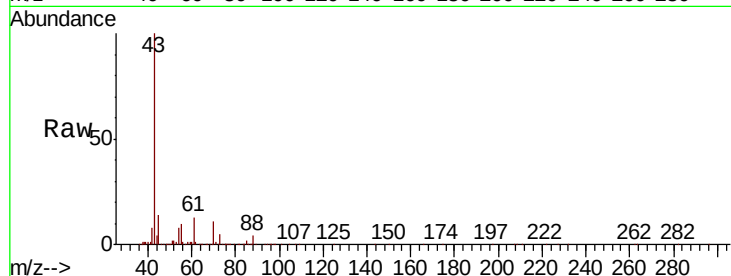




#37
Ethyl Acetate
Concen: 47.196 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

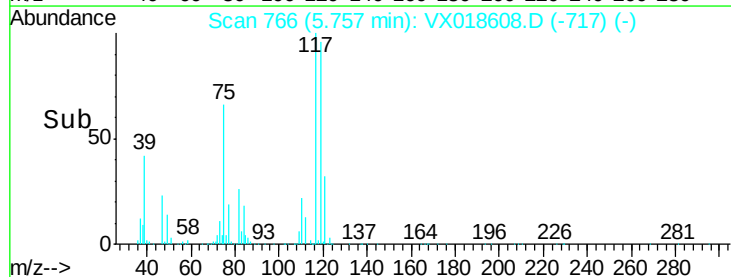
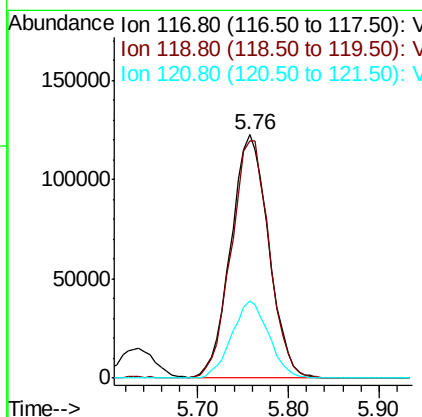
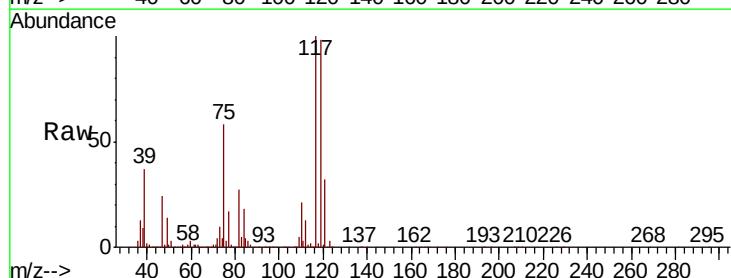
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

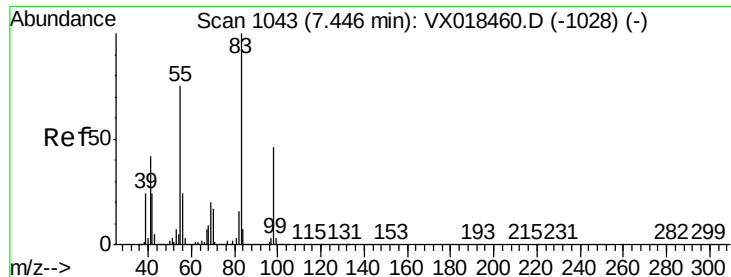
Tot Ion: 43 Resp: 321373
Ion Ratio Lower Upper
43 100
61 13.8 10.9 16.3
70 10.8 8.3 12.5



#38
Carbon Tetrachloride
Concen: 50.225 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion: 117 Resp: 354698
Ion Ratio Lower Upper
117 100
119 97.5 72.3 108.5
121 31.6 23.8 35.8

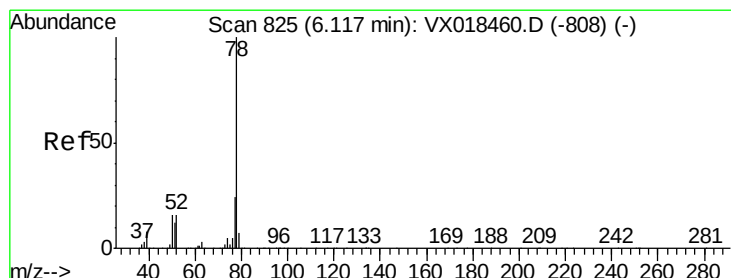
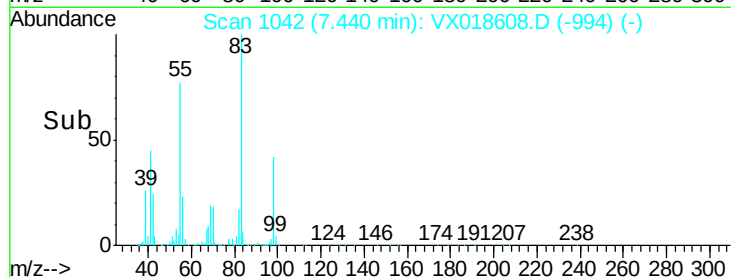
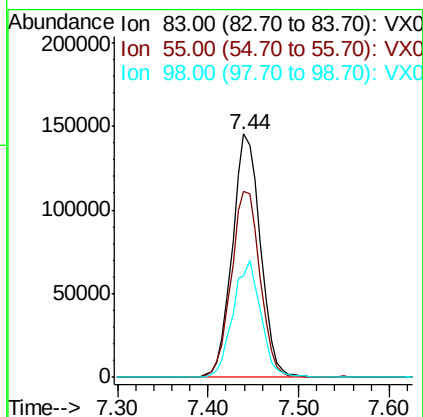
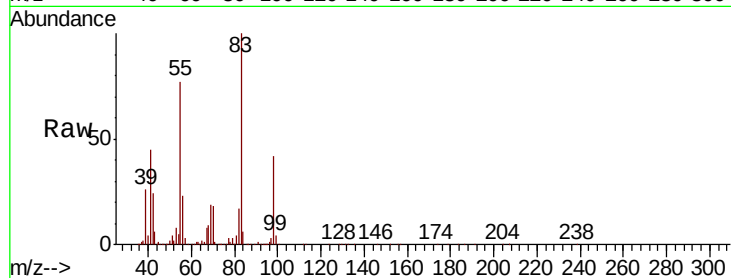




#39
Methylvlcyclohexane
Concen: 43.753 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

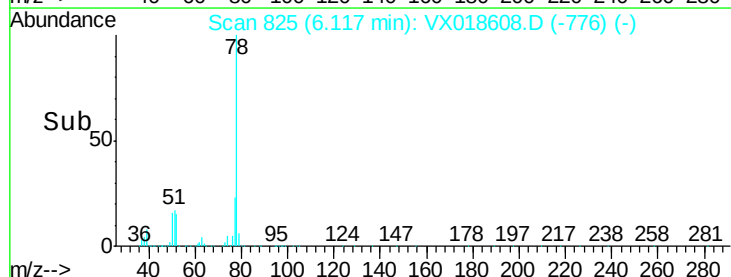
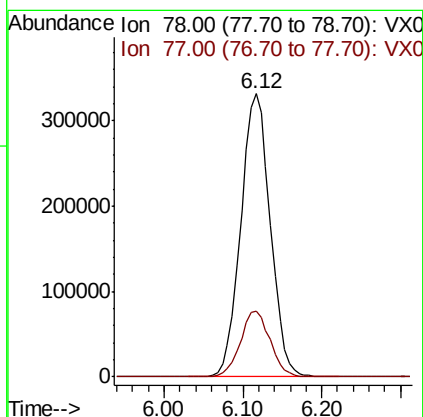
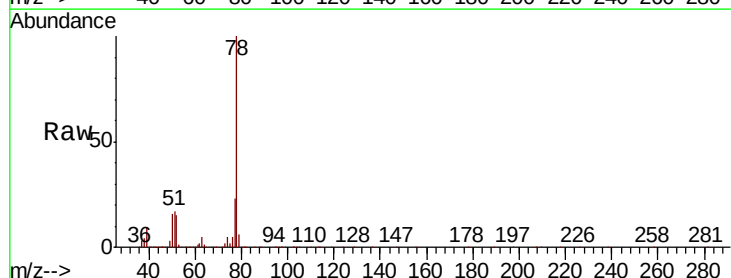
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

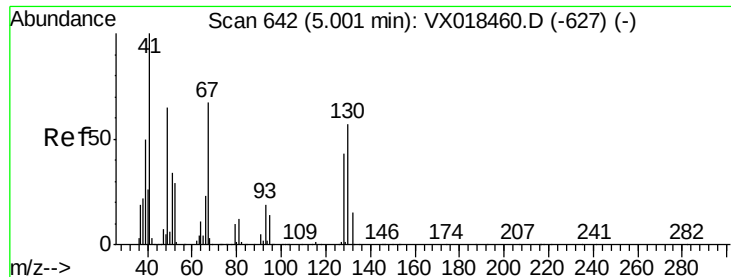
Tot Ion	83	Resp	313450
Ion Ratio	Lower	Upper	
83	100		
55	76.6	60.2	90.4
98	41.8	36.4	54.6



#40
Benzene
Concen: 47.152 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	78	Resp	861677
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.0	28.4

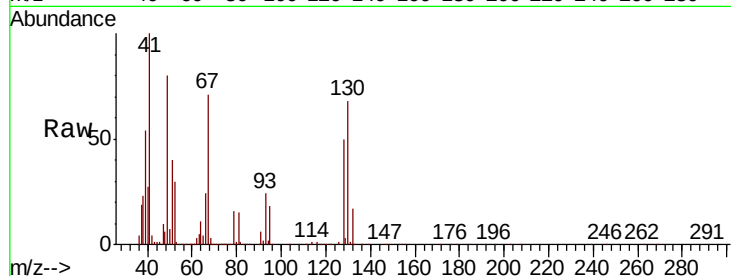




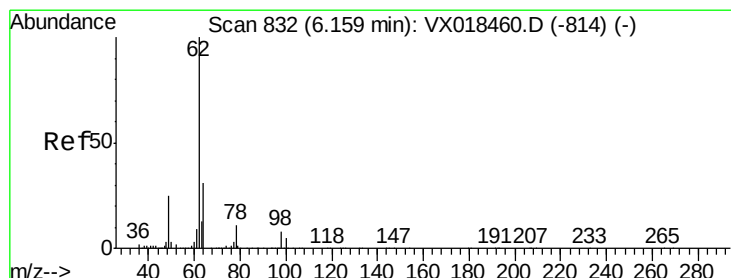
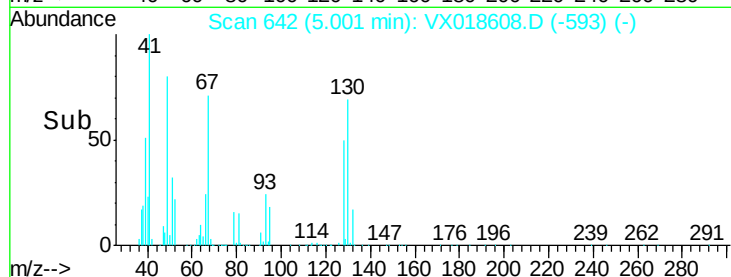
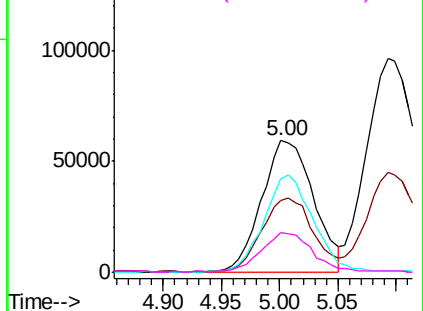
#41
Methacrylonitrile
Concen: 48.127 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	182096
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.3	67.9
67	70.6	56.7	85.1
52	29.5	23.4	35.0

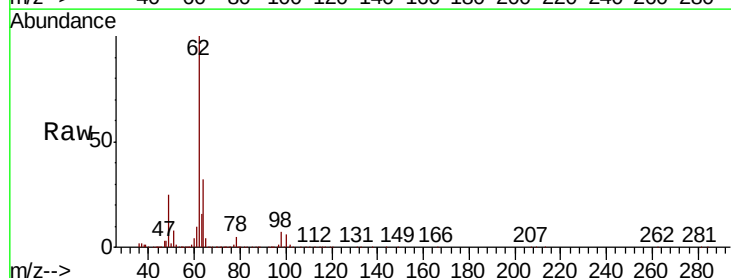


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

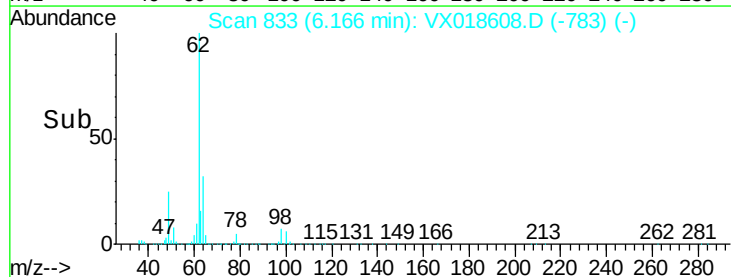
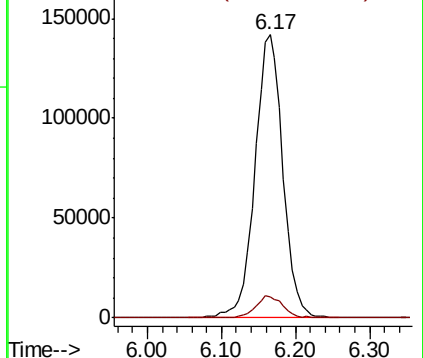


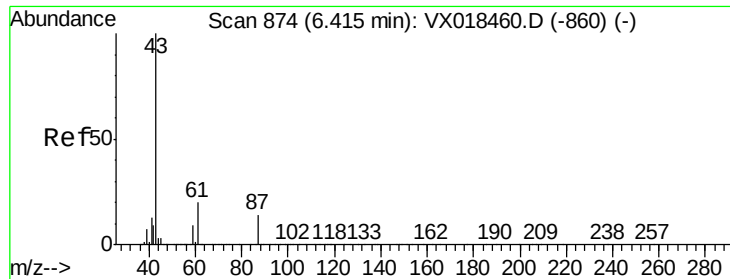
#42
1,2-Dichloroethane
Concen: 52.249 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion:	62	Resp:	371465
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



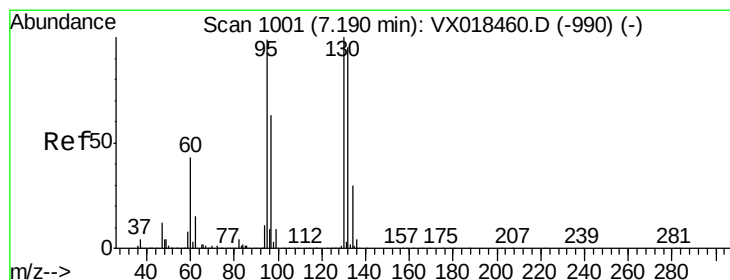
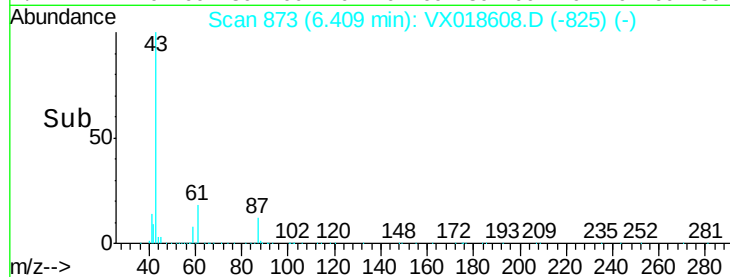
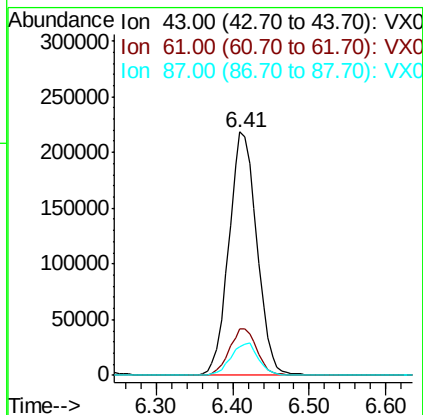
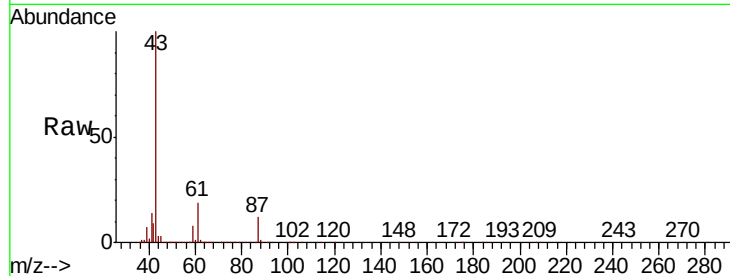


#43

Isopropyl Acetate
 Concen: 48.574 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

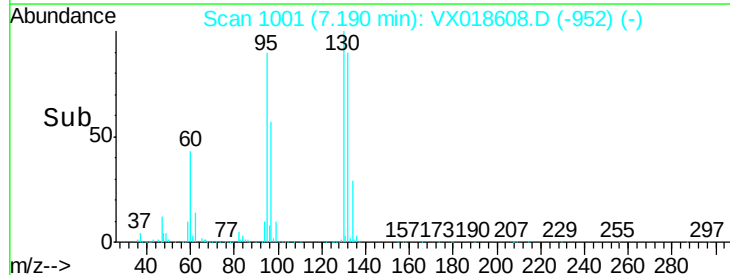
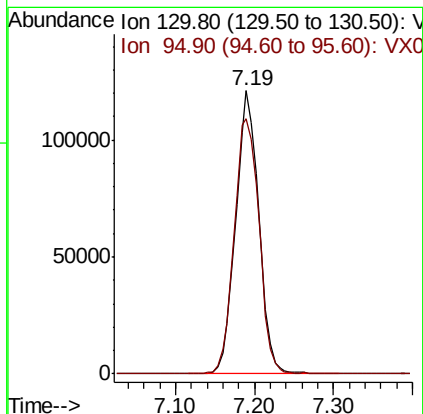
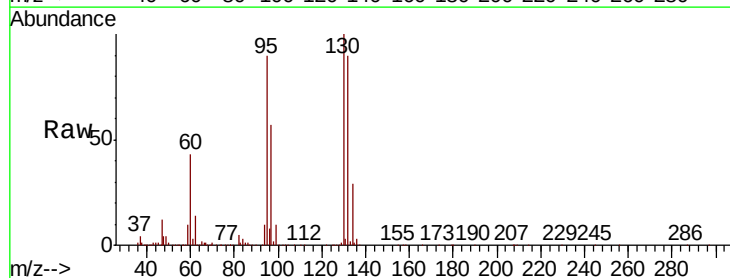
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.7	23.5
87	13.3	10.4	15.6

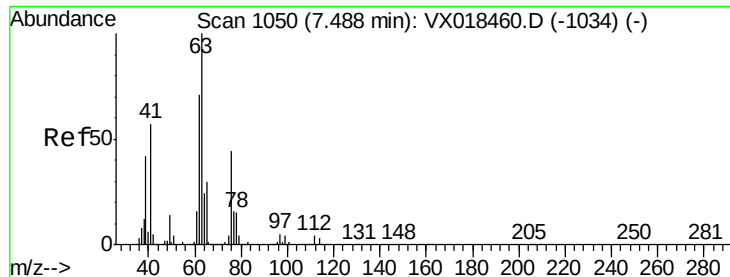


#44

Trichloroethene
 Concen: 46.816 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	197.4





#45

1,2-Dichloropropane

Concen: 46.912 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

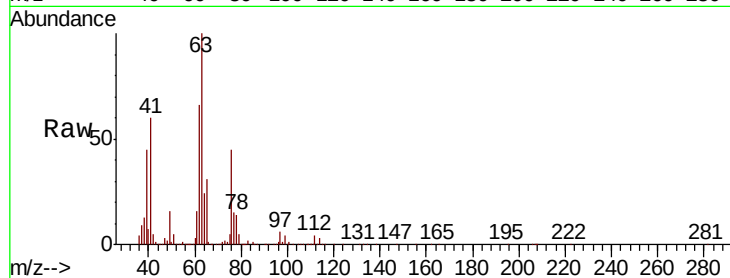
VSTDCCC050EC

Tot Ion: 63 Resp: 235306

Ion Ratio Lower Upper

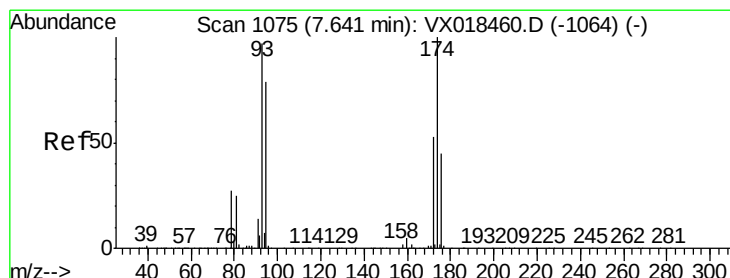
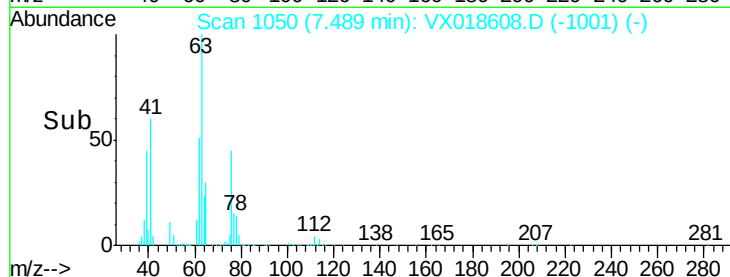
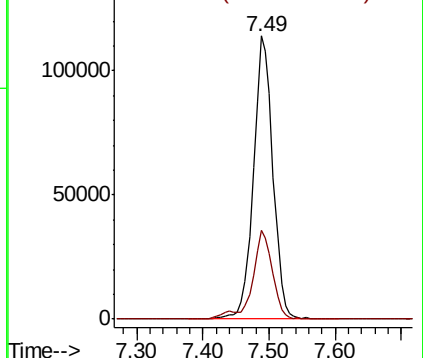
63 100

65 31.1 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.167 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

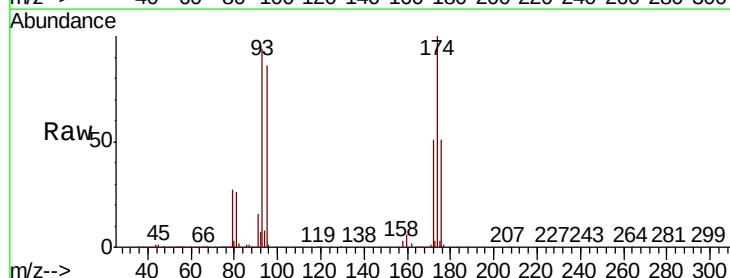
Tgt Ion: 93 Resp: 169434

Ion Ratio Lower Upper

93 100

95 84.3 65.0 97.4

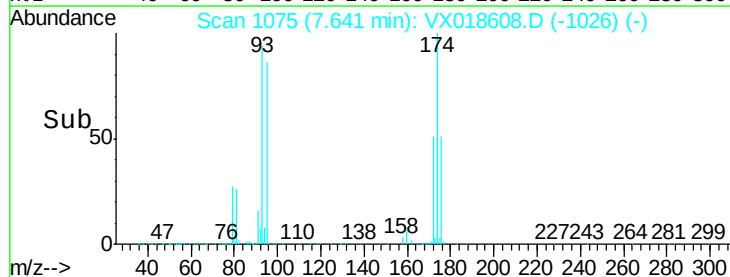
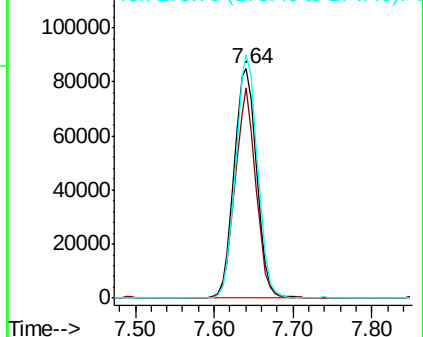
174 102.7 82.0 123.0

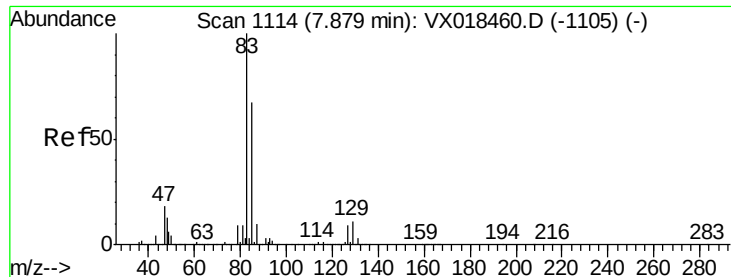


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.778 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

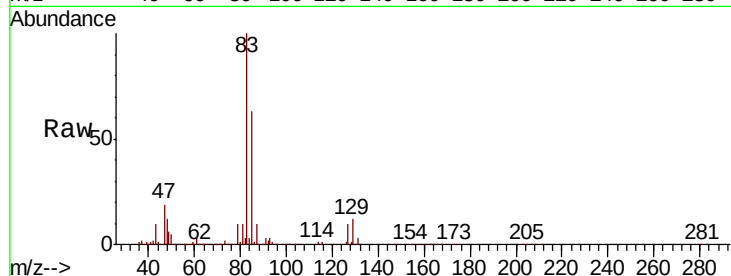
Tot Ion: 83 Resp: 352654

Ion Ratio Lower Upper

83 100

85 63.0 53.3 79.9

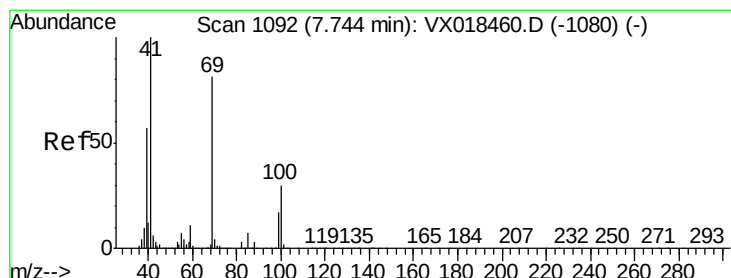
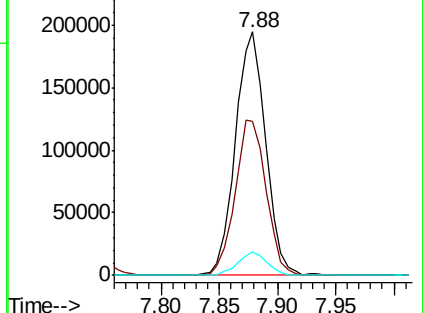
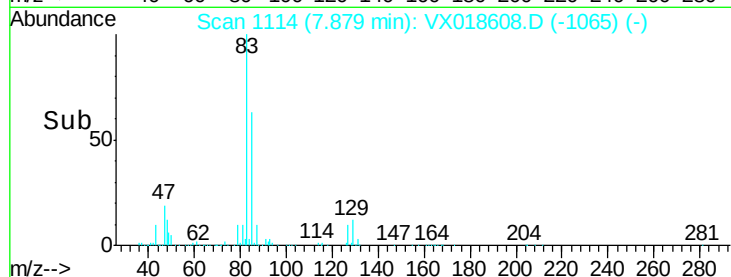
127 9.6 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.814 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

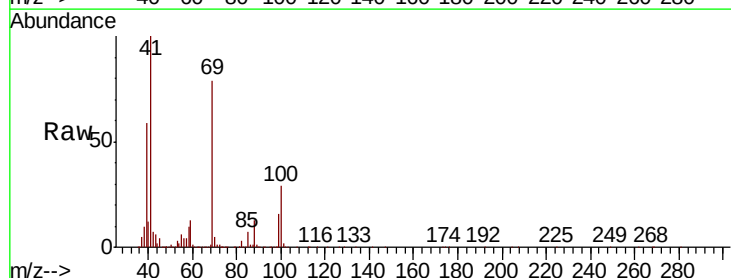
Tgt Ion: 41 Resp: 268476

Ion Ratio Lower Upper

41 100

69 81.1 63.7 95.5

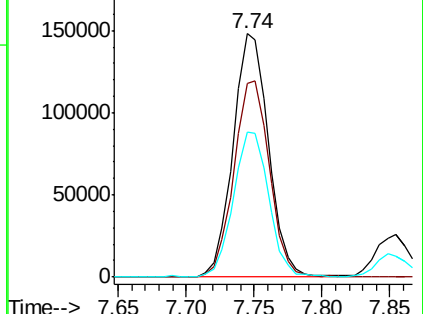
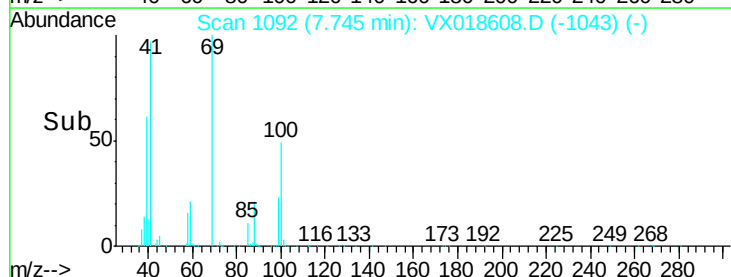
39 59.3 45.0 67.4

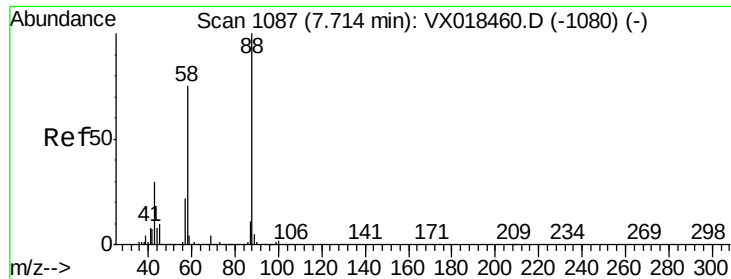


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 639.330 ug/l

RT: 7.76 min Scan# 1094

Delta R.T. 0.04 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

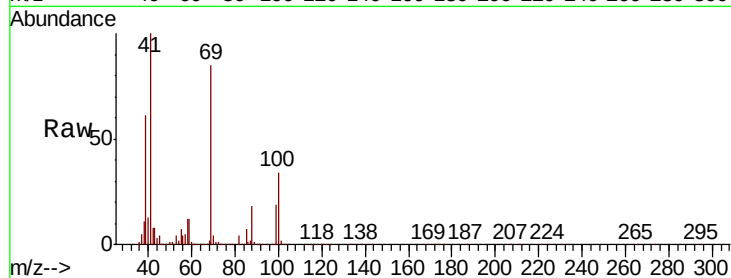
Tot Ion: 88 Resp: 58101

Ion Ratio Lower Upper

88 100

43 39.9 29.9 44.9

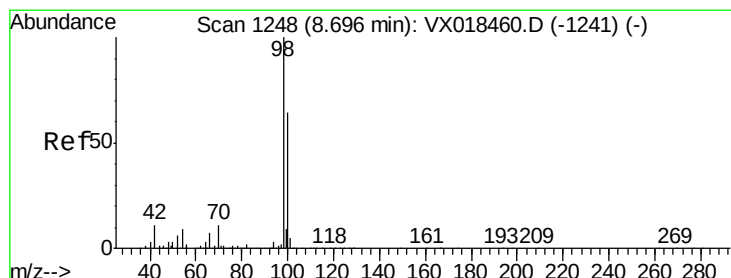
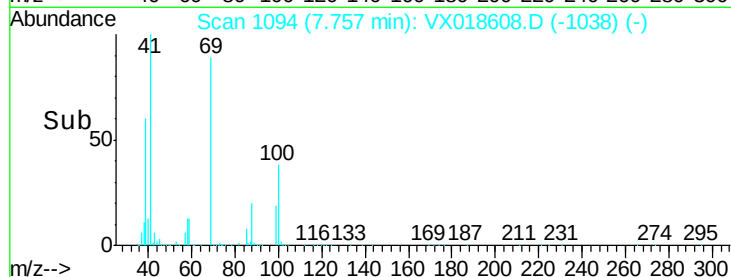
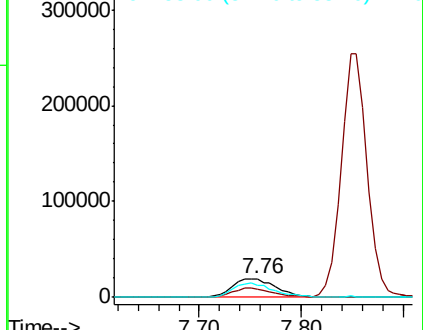
58 72.5 59.0 88.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.483 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018608.D

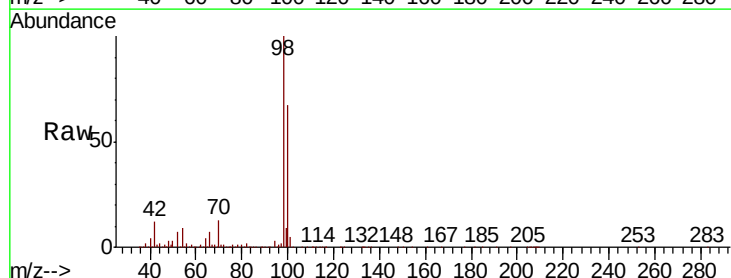
Acq: 25 Sep 2020 20:01

Tgt Ion: 98 Resp: 800053

Ion Ratio Lower Upper

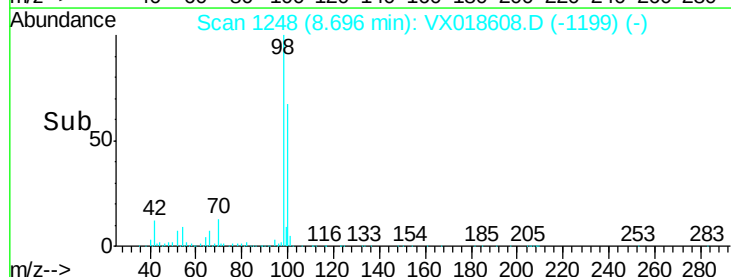
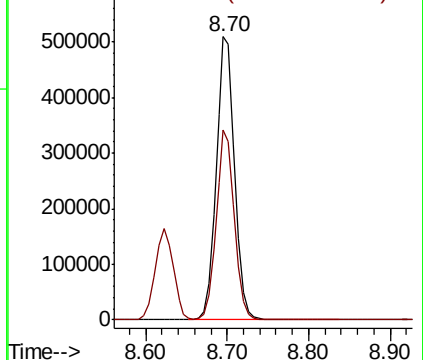
98 100

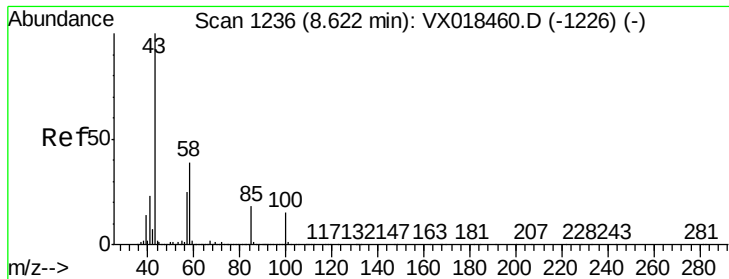
100 66.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

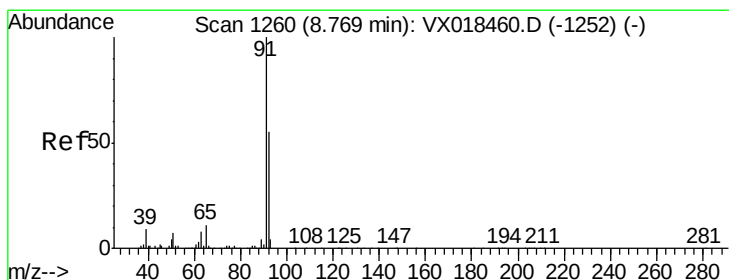
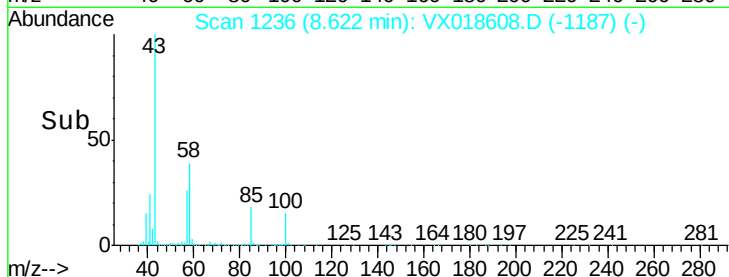
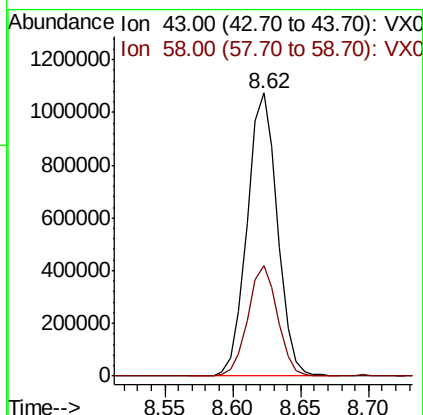
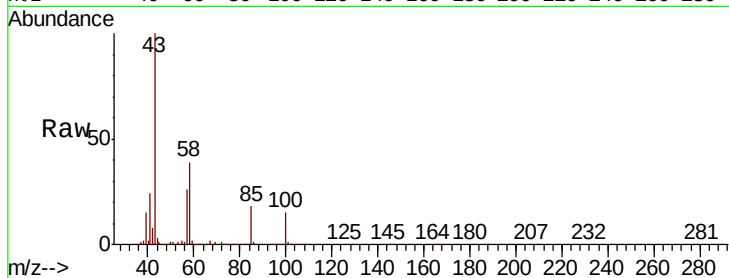




#51
 4-Methyl-2-Pentanone
 Concen: 248.985 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

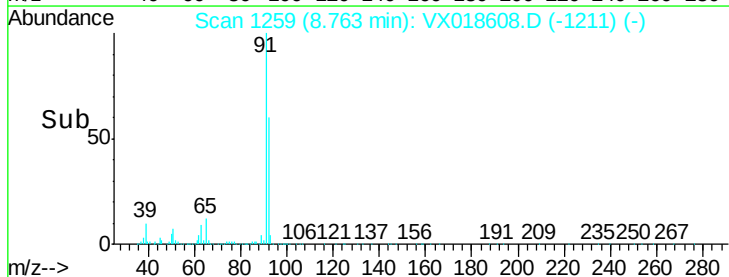
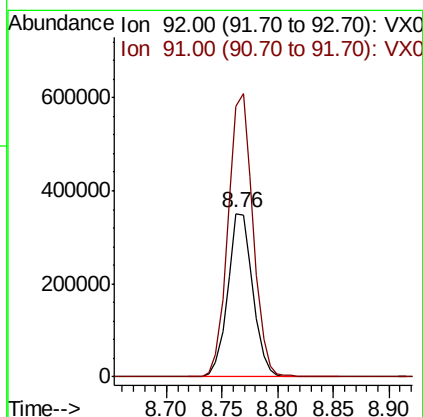
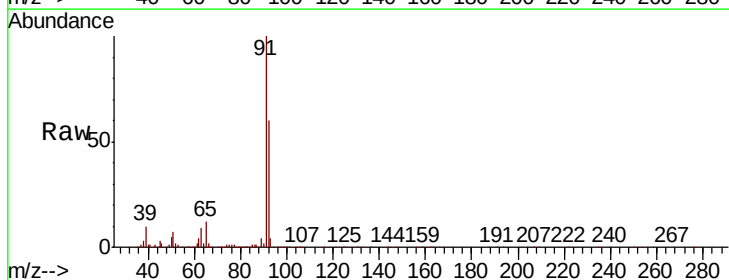
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

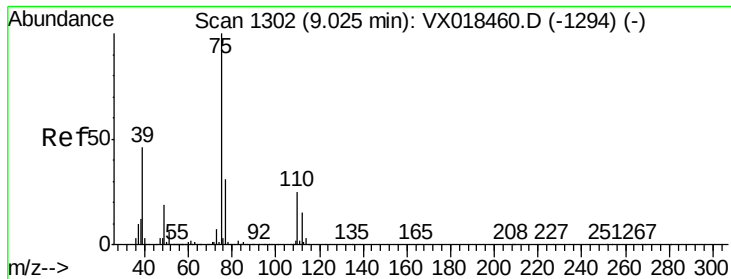
Tot Ion: 43 Resp: 1675169
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.9 46.3



#52
 Toluene
 Concen: 47.247 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion: 92 Resp: 543323
 Ion Ratio Lower Upper
 92 100
 91 173.2 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 49.002 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

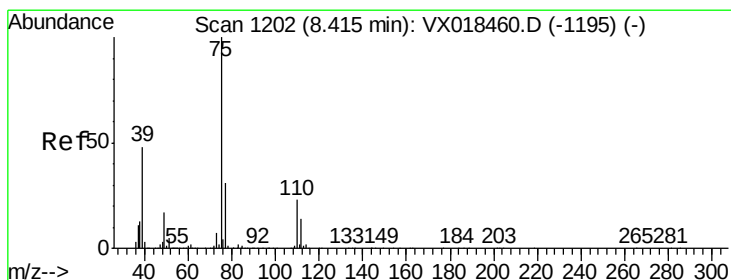
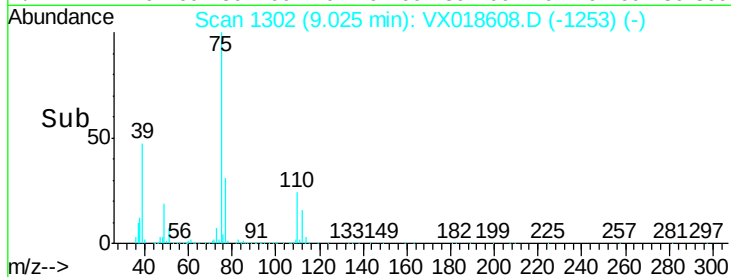
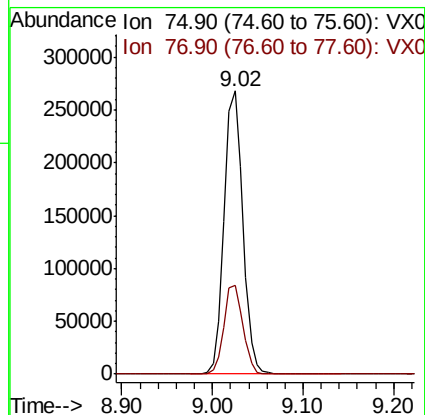
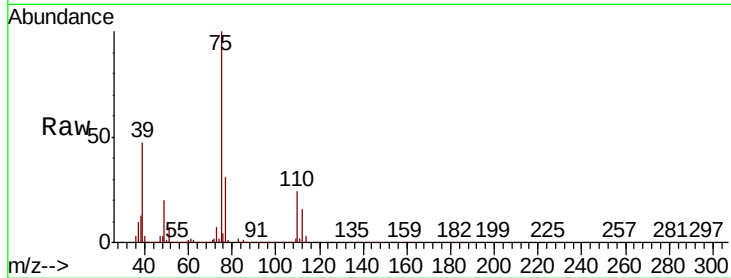
VSTDCCC050EC

Tot Ion: 75 Resp: 386701

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 48.811 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

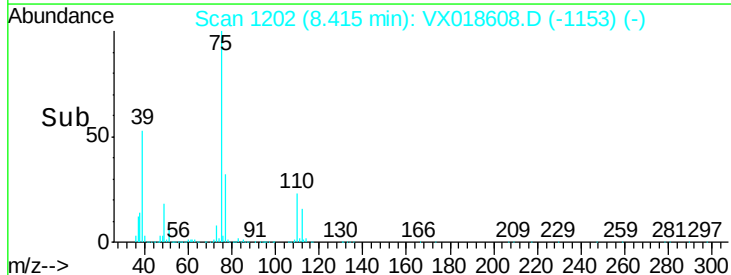
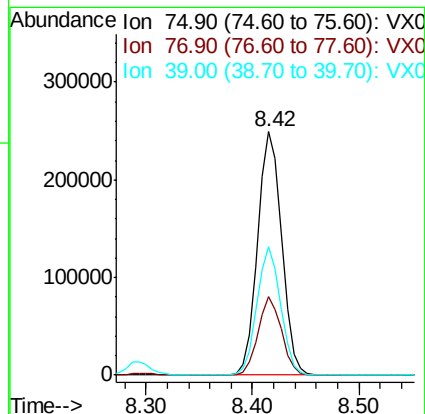
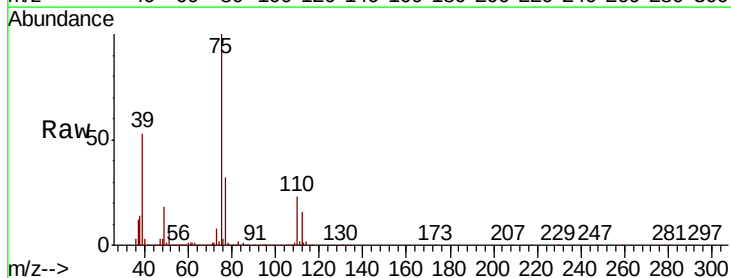
Tgt Ion: 75 Resp: 396829

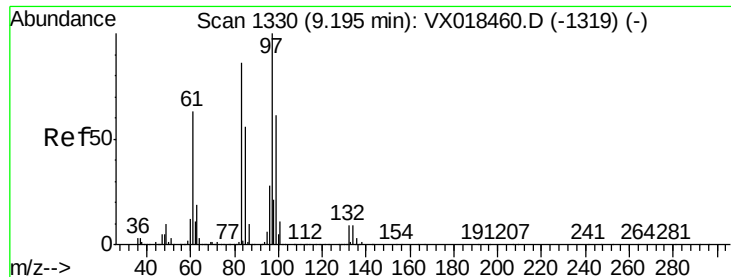
Ion Ratio Lower Upper

75 100

77 32.4 24.8 37.2

39 52.7 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 49.789 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 237581

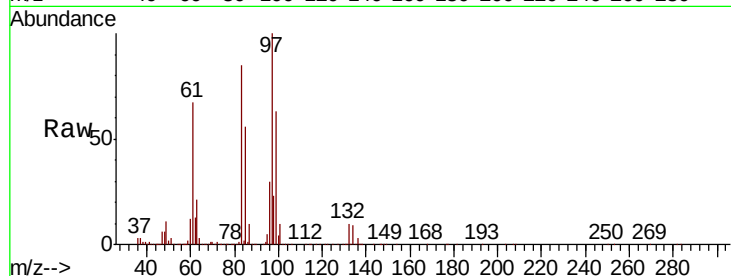
Ion Ratio Lower Upper

97 100

83 84.7 68.5 102.7

85 55.9 44.8 67.2

99 63.2 48.9 73.3

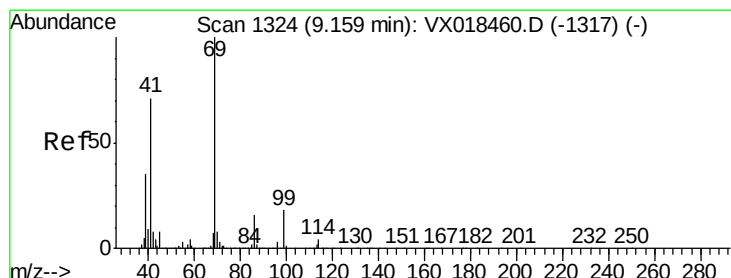
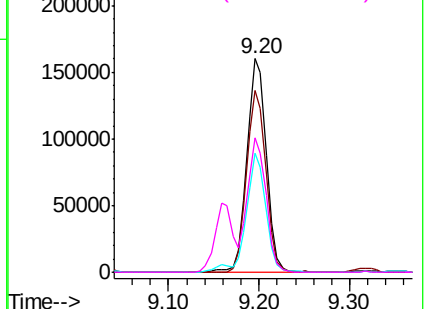
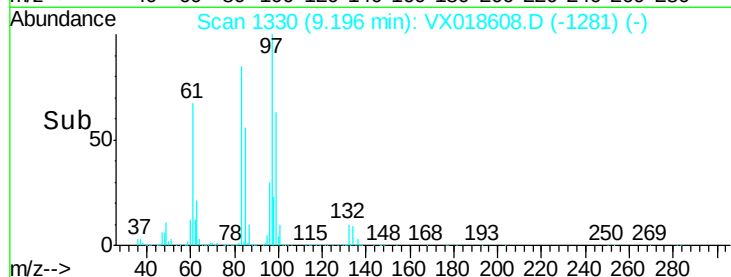


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.968 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

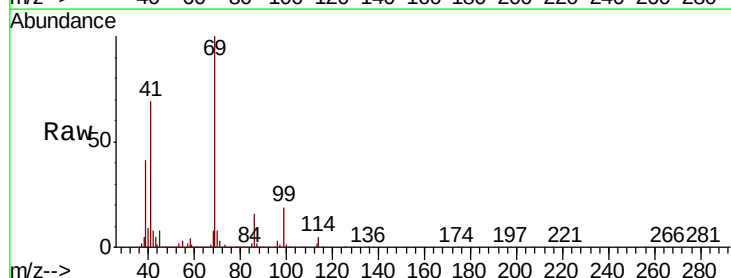
Tgt Ion: 69 Resp: 360622

Ion Ratio Lower Upper

69 100

41 68.1 54.6 81.8

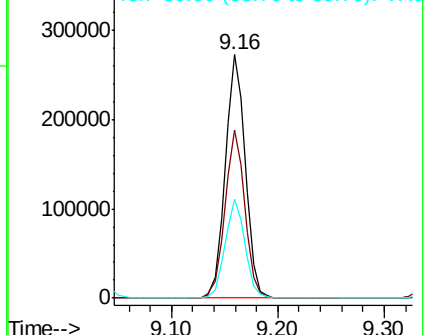
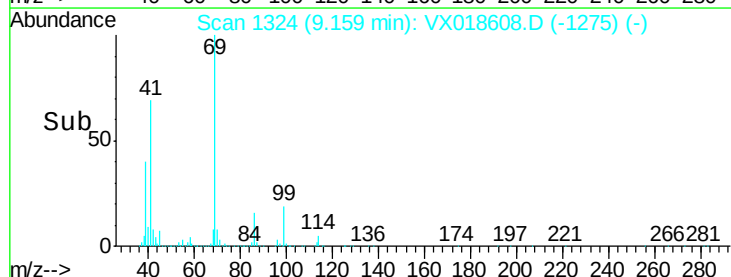
39 40.0 29.3 43.9

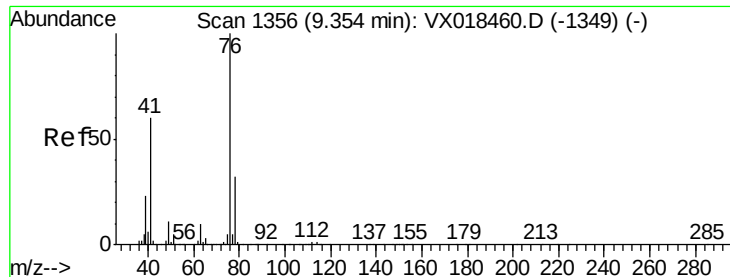


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.824 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

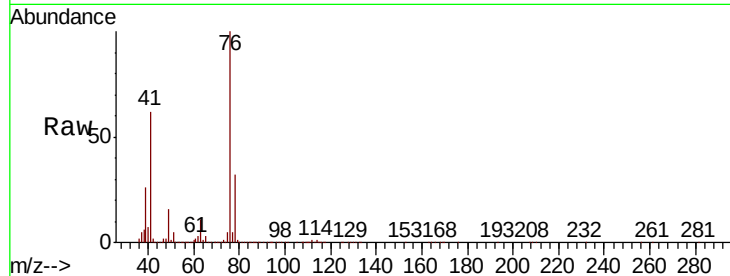
VSTDCCC050EC

Tot Ion: 76 Resp: 391427

Ion Ratio Lower Upper

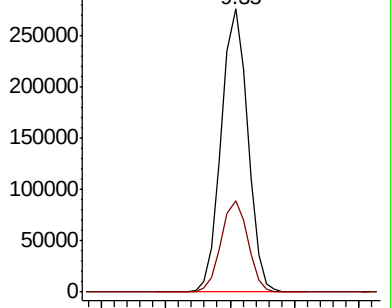
76 100

78 32.5 25.6 38.4

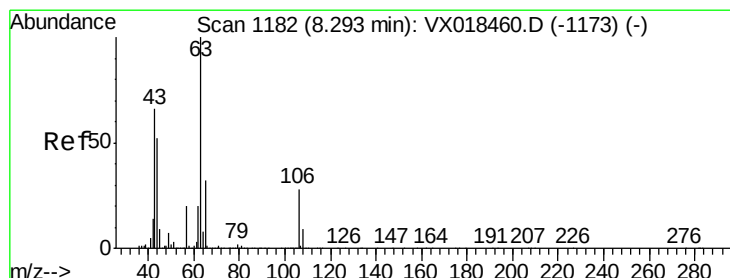
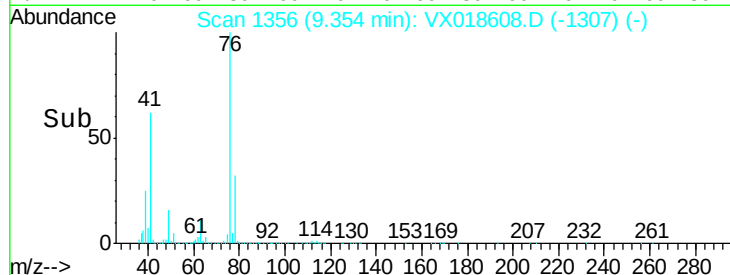


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 253.429 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018608.D

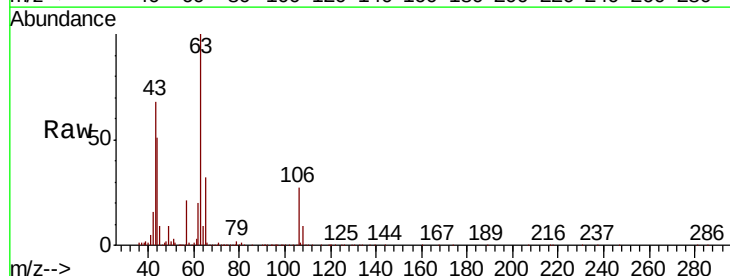
Acq: 25 Sep 2020 20:01

Tgt Ion: 63 Resp: 953341

Ion Ratio Lower Upper

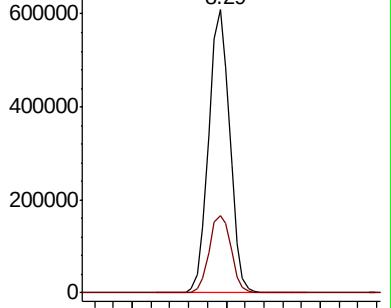
63 100

106 28.5 22.2 33.2

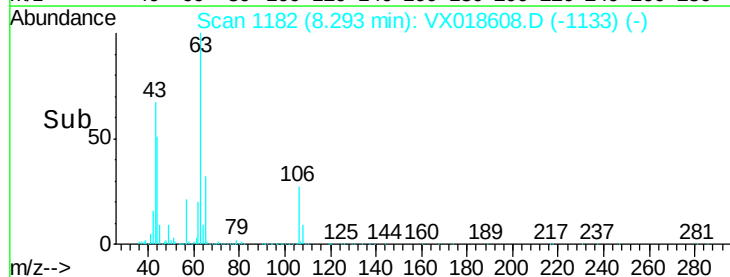


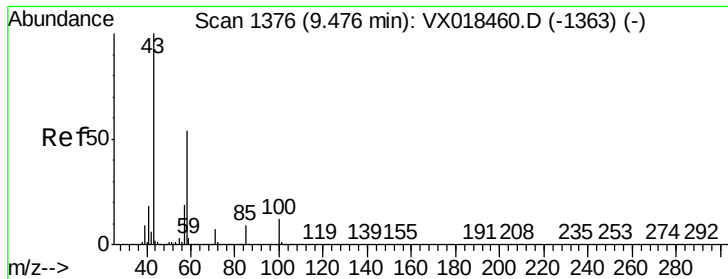
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

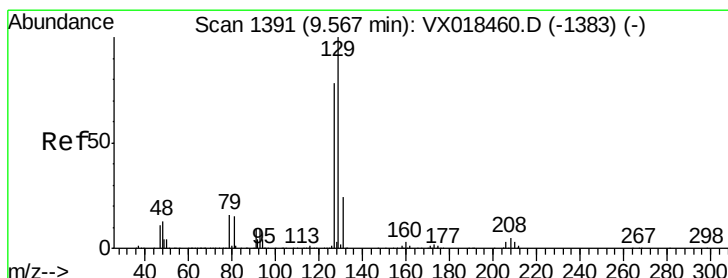
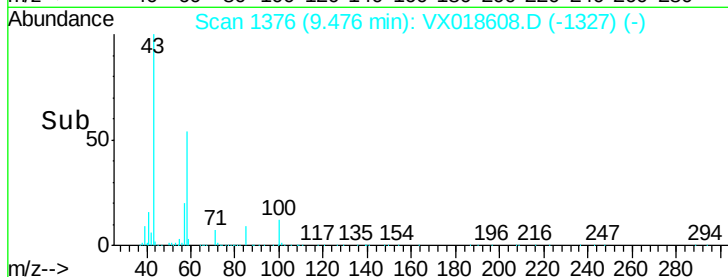
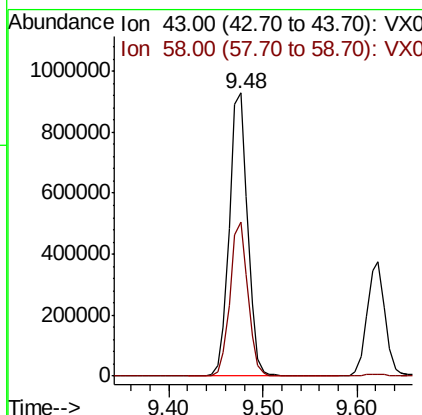
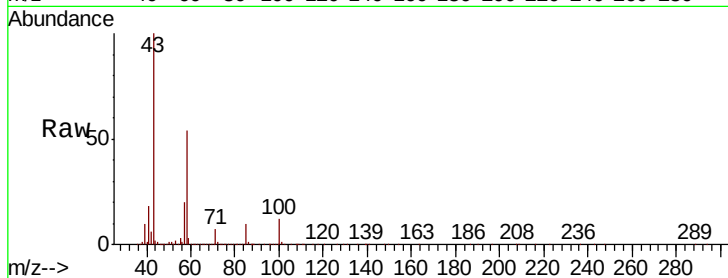




#59
2-Hexanone
Concen: 245.064 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

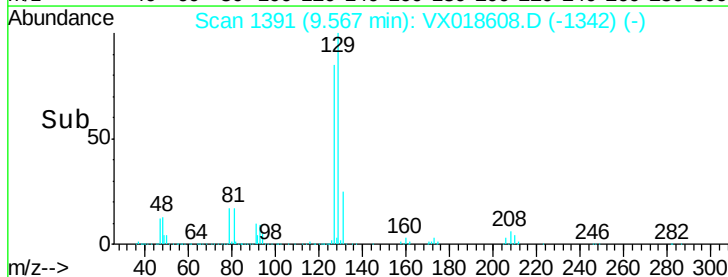
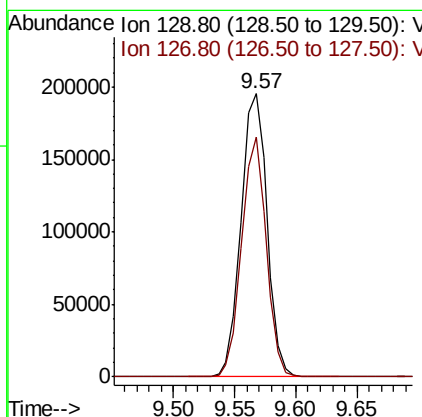
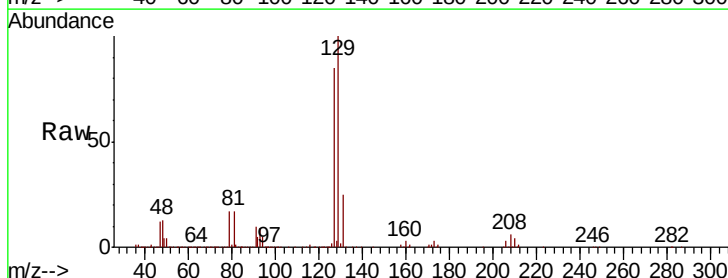
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

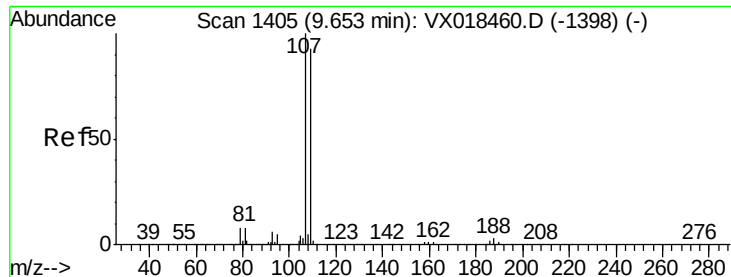
Tot Ion: 43 Resp: 1254081
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.4



#60
Dibromochloromethane
Concen: 50.684 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion: 129 Resp: 288386
Ion Ratio Lower Upper
129 100
127 80.3 39.0 117.0





#61

1,2-Dibromoethane

Concen: 50.662 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

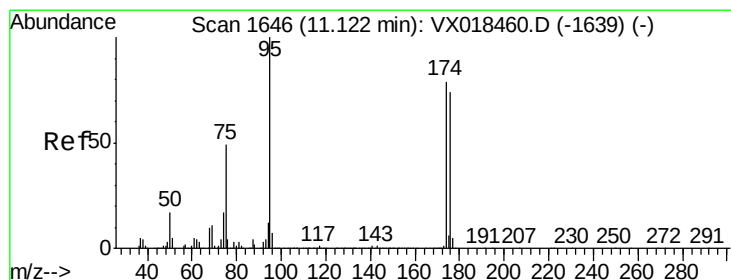
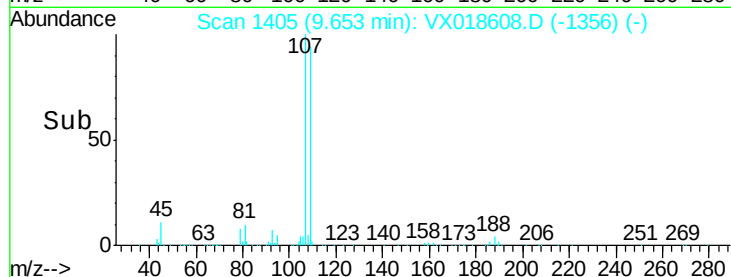
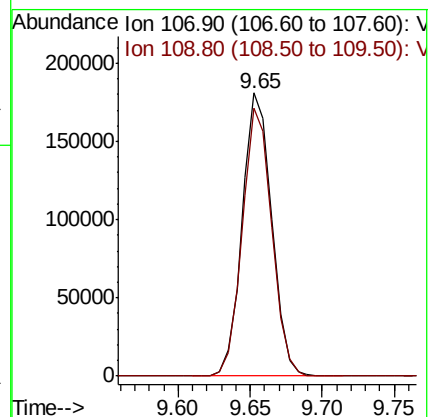
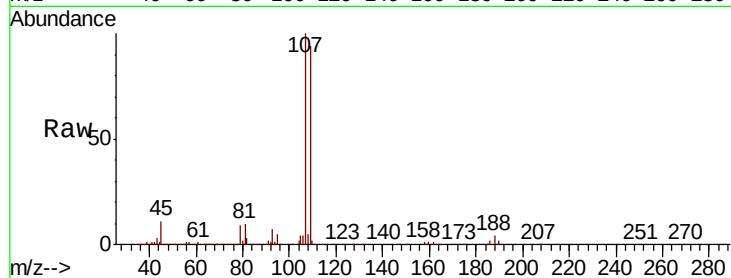
VSTDCCC050EC

Tot Ion:107 Resp: 257216

Ion Ratio Lower Upper

107 100

109 94.7 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.901 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

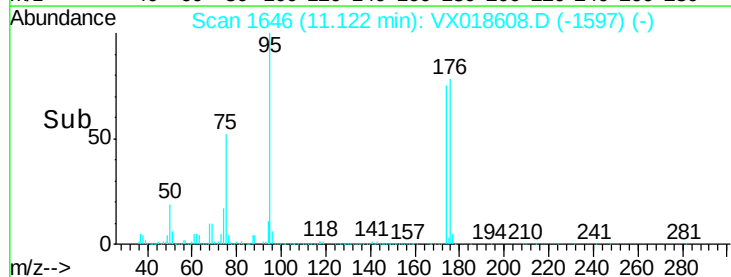
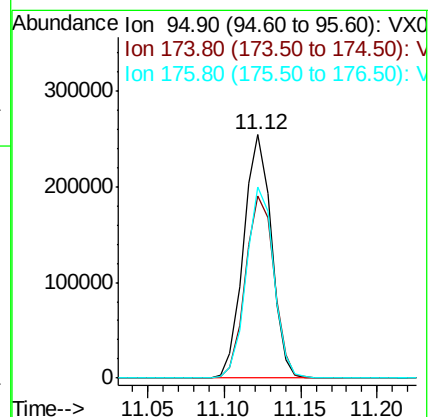
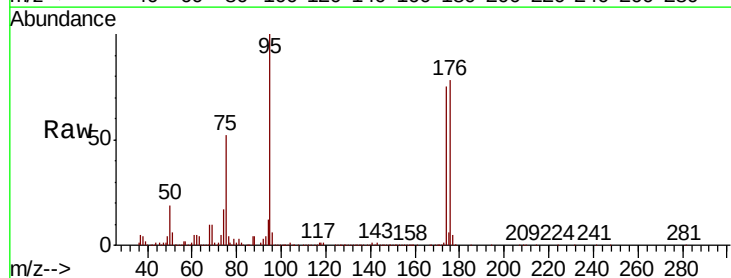
Tgt Ion: 95 Resp: 320990

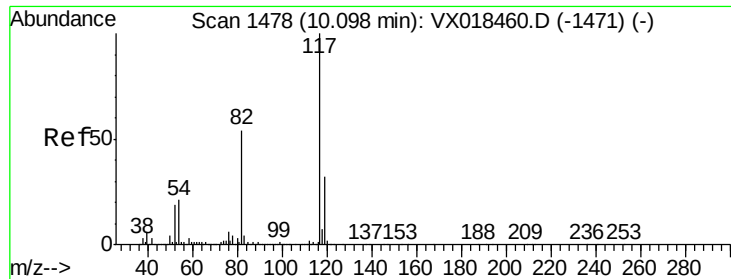
Ion Ratio Lower Upper

95 100

174 77.3 0.0 161.4

176 77.9 0.0 151.4

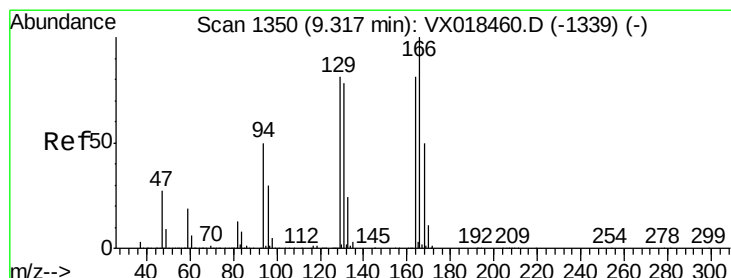
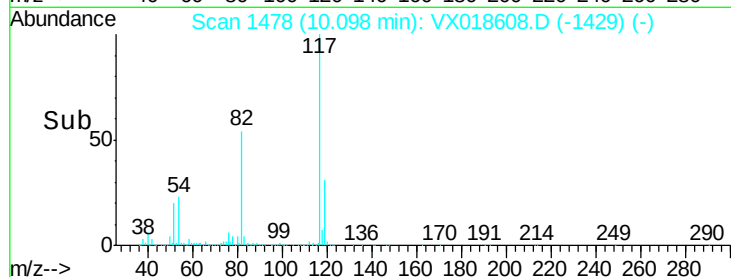
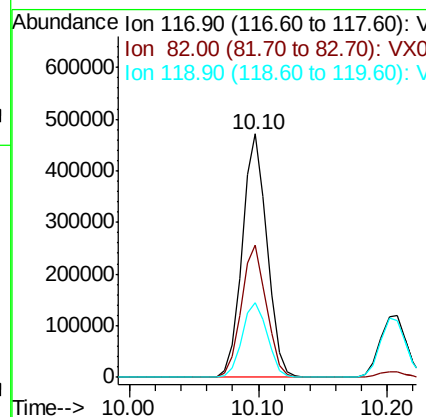
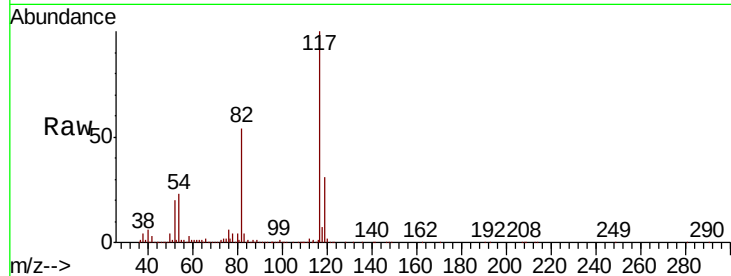




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

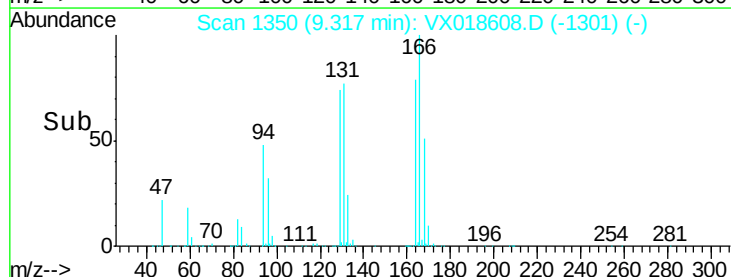
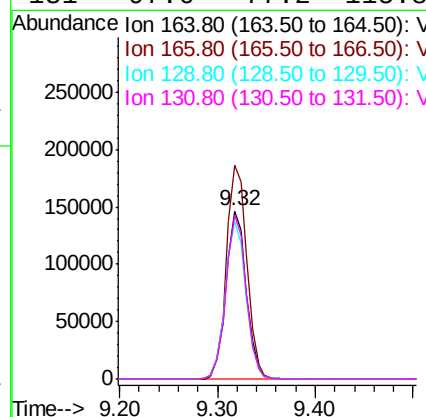
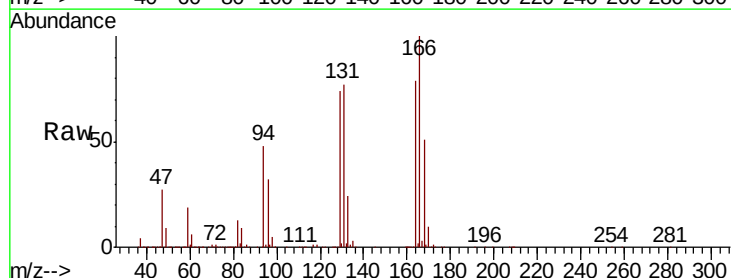
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

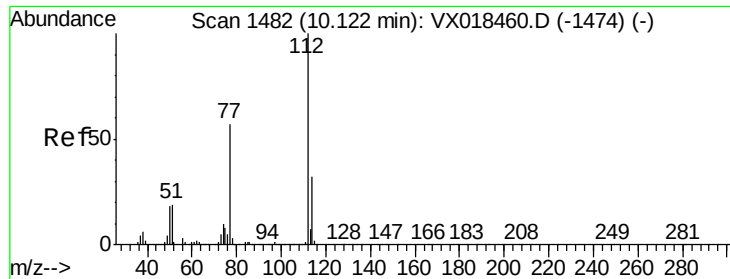
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.3	64.9
119	30.6	25.9	38.9



#64
Tetrachloroethene
Concen: 42.669 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	99.3	148.9
129	93.8	80.7	121.1
131	97.6	77.2	115.8

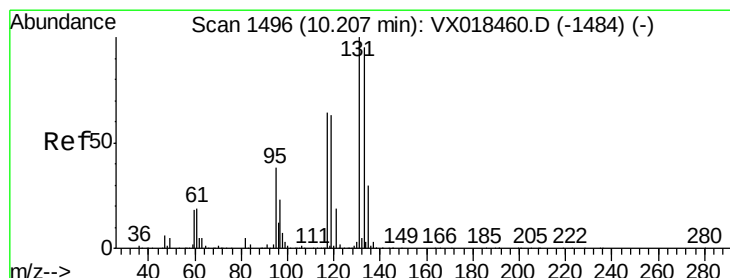
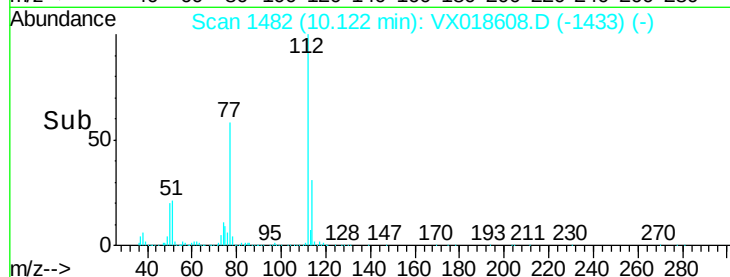
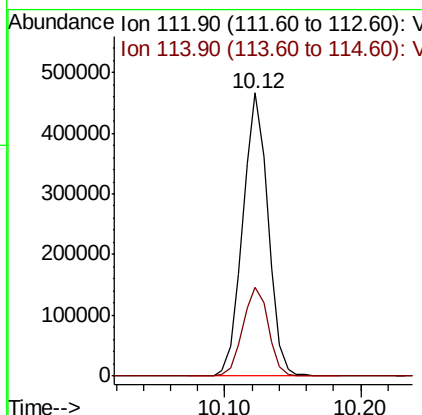
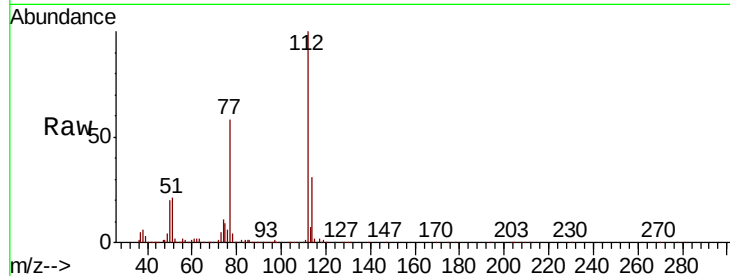




#65
Chlorobenzene
Concen: 47.053 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

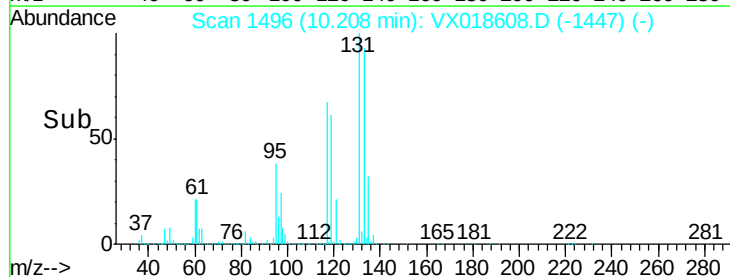
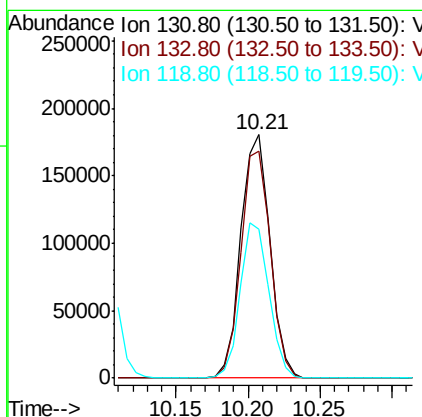
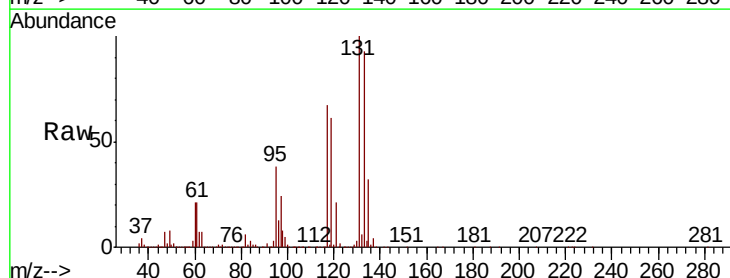
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

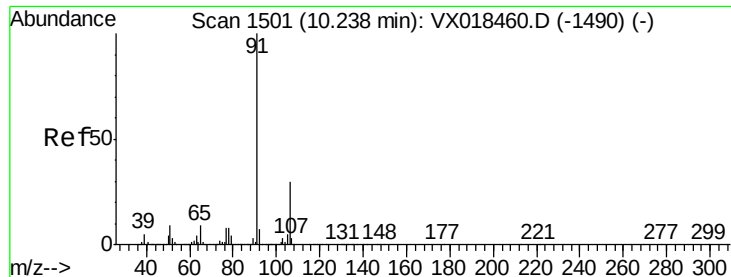
Tot Ion:112 Resp: 605677
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.144 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion:131 Resp: 253765
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.4
119 62.5 31.9 95.7

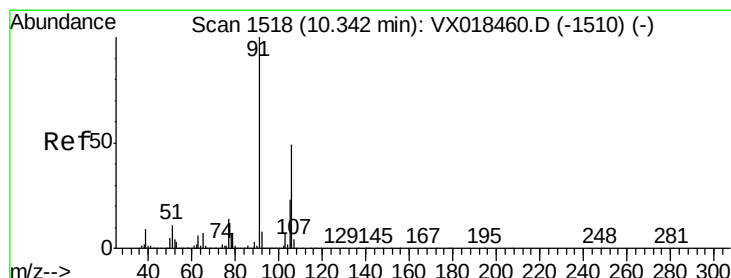
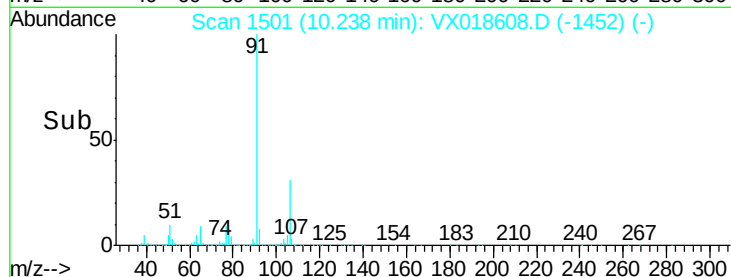
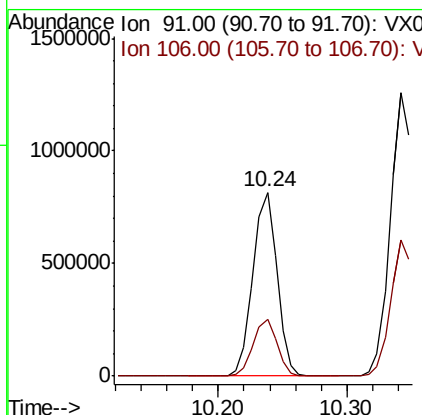
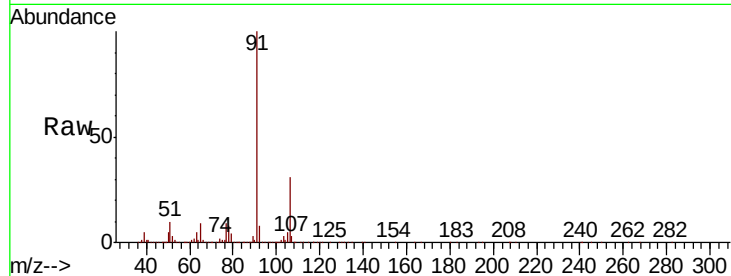




#67
Ethyl Benzene
Concen: 47.170 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

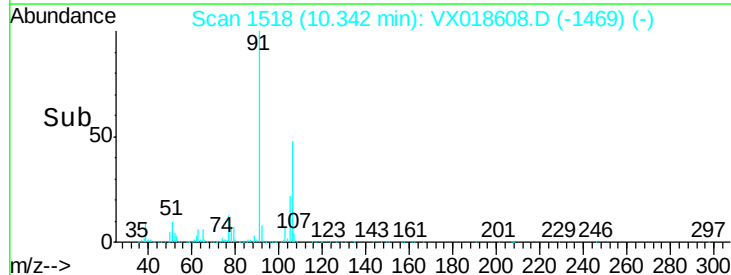
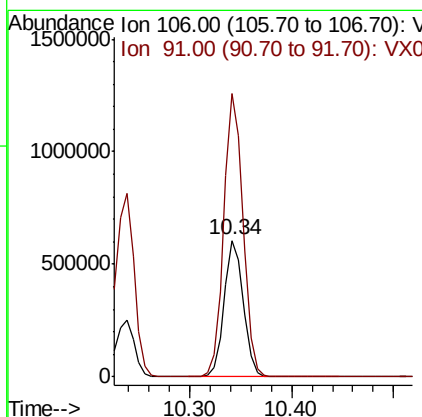
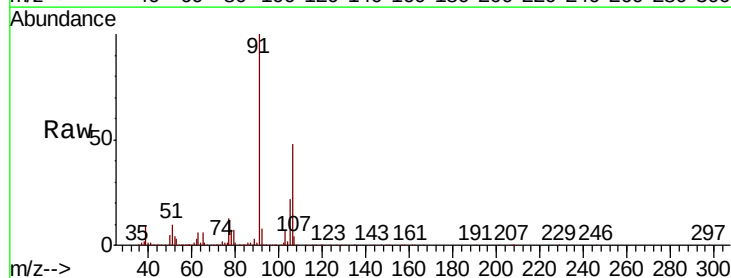
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

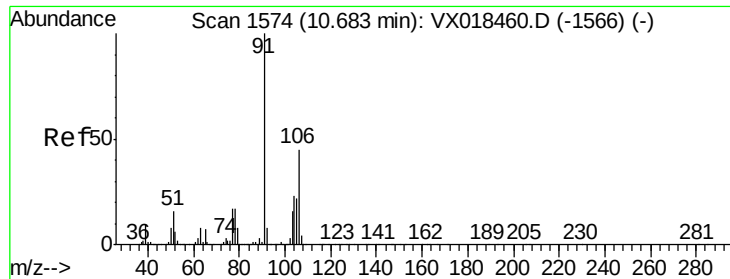
Tot Ion: 91 Resp: 1050965
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1



#68
m/p-Xylenes
Concen: 93.877 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion: 106 Resp: 791215
Ion Ratio Lower Upper
106 100
91 208.1 163.8 245.6

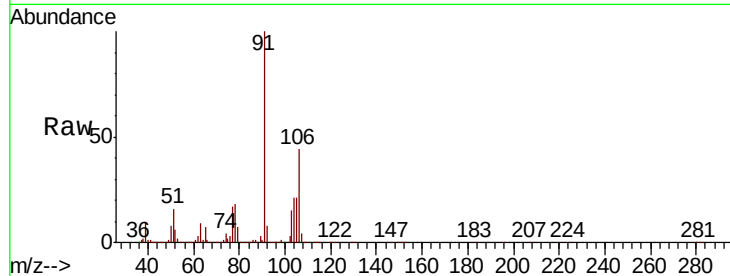




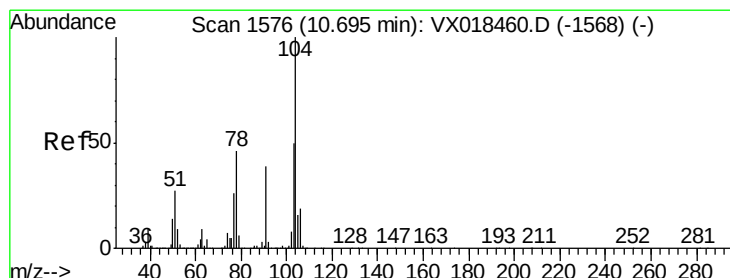
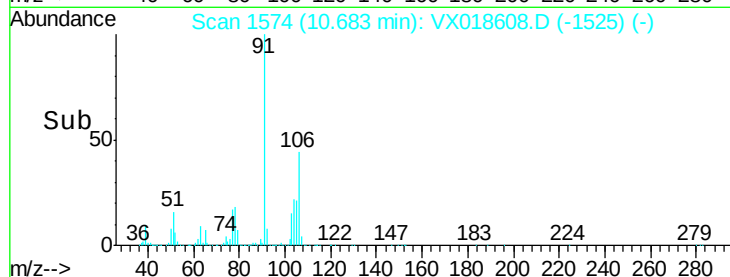
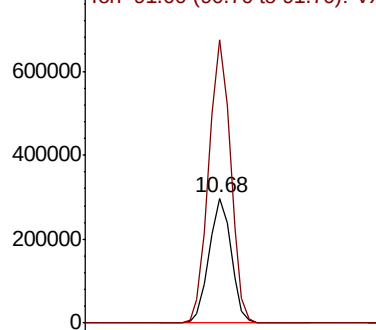
#69
o-Xylene
Concen: 46.622 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 372098
Ion Ratio Lower Upper
106 100
91 223.5 109.7 329.0

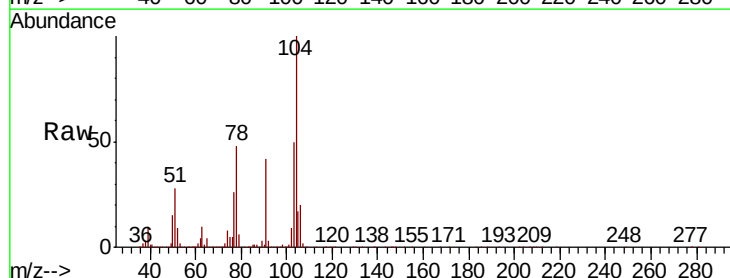


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

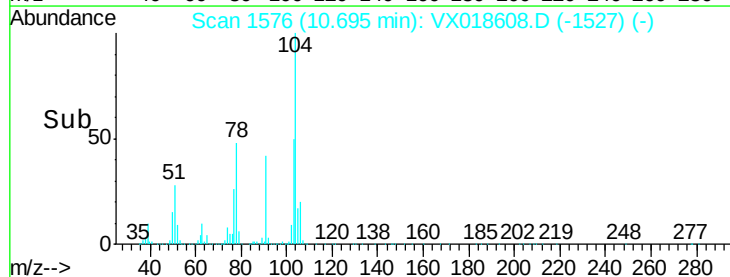
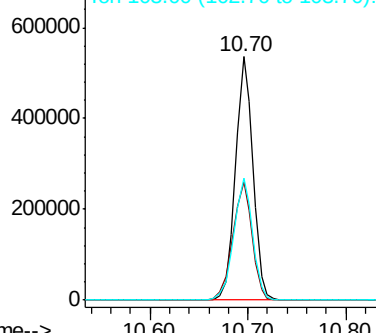


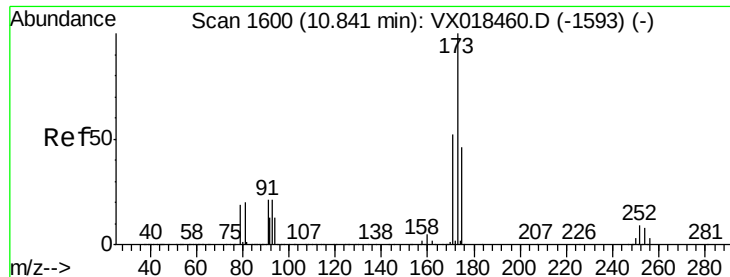
#70
Styrene
Concen: 48.259 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion:104 Resp: 665039
Ion Ratio Lower Upper
104 100
78 53.6 40.5 60.7
103 54.2 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.281 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

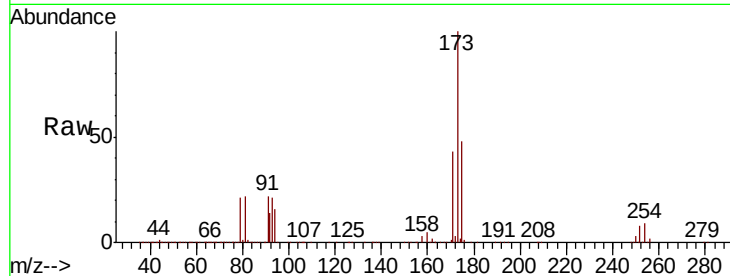
Tot Ion:173 Resp: 222332

Ion Ratio Lower Upper

173 100

175 46.9 23.6 70.8

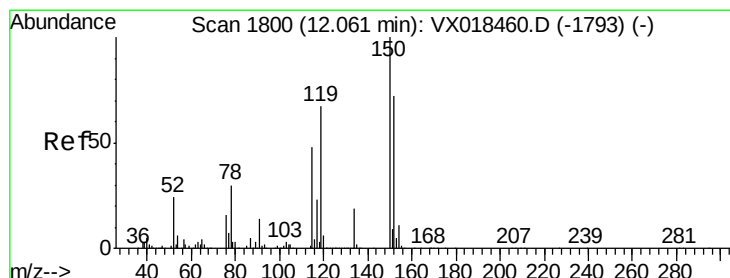
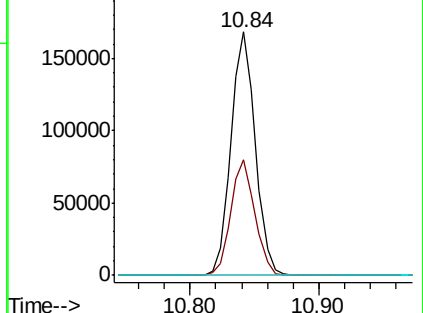
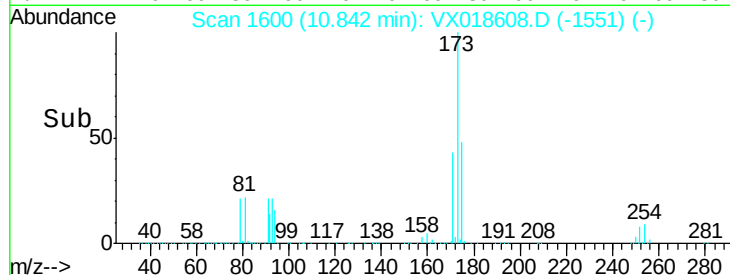
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

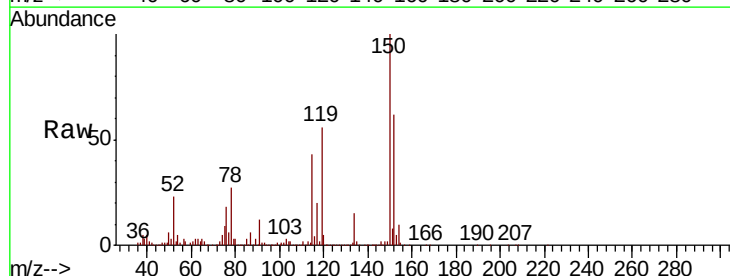
Tgt Ion:152 Resp: 332868

Ion Ratio Lower Upper

152 100

115 81.4 41.8 125.4

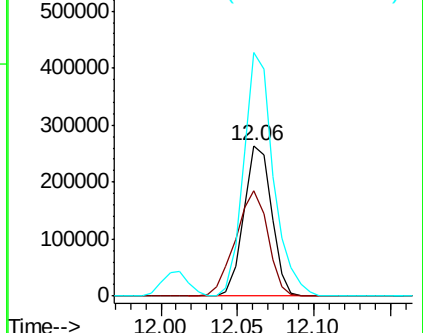
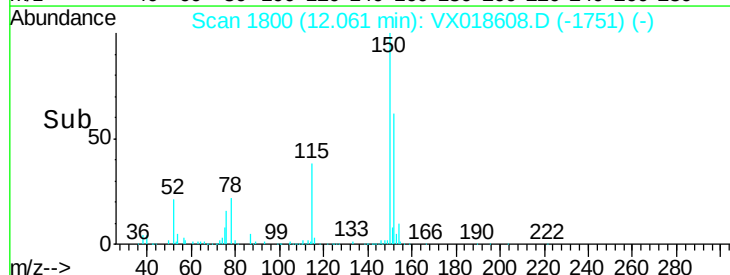
150 172.5 0.0 342.4

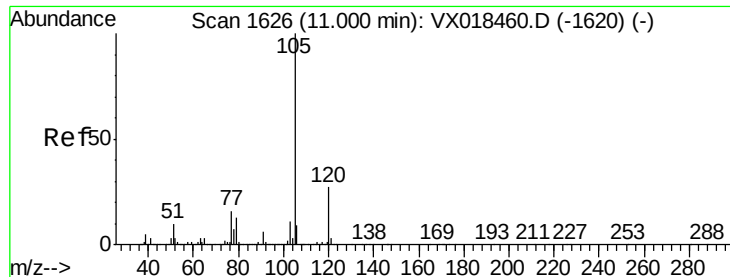


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.063 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

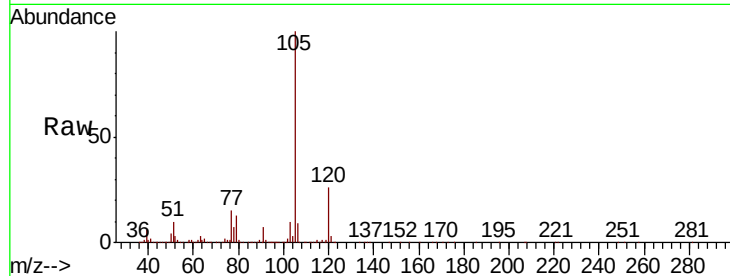
VSTDCCC050EC

Tot Ion:105 Resp: 1046527

Ion Ratio Lower Upper

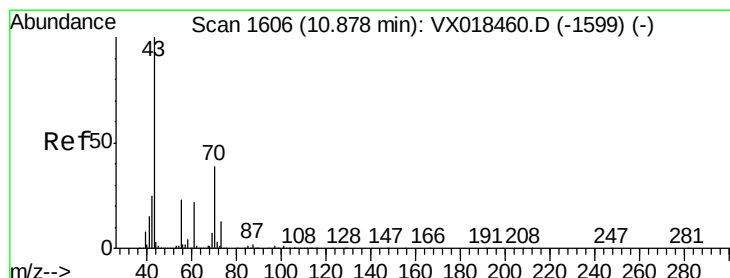
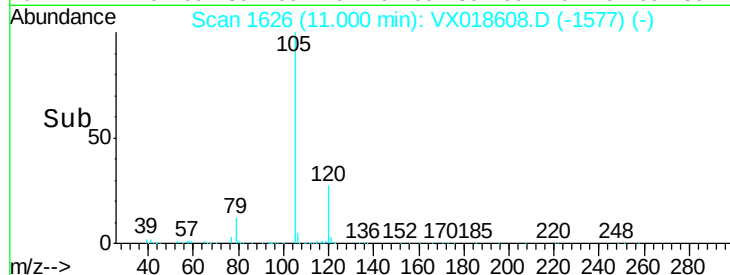
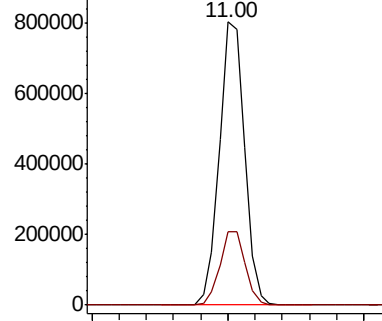
105 100

120 26.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.334 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Tgt Ion: 43 Resp: 473870

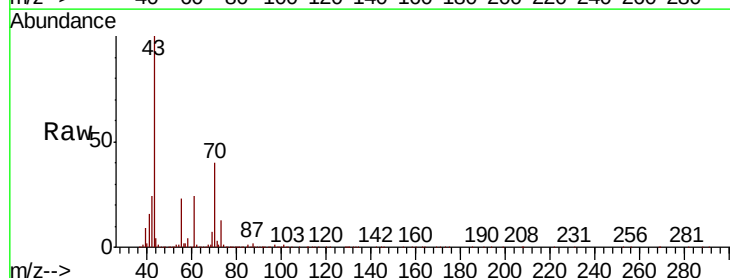
Ion Ratio Lower Upper

43 100

70 40.7 32.2 48.4

55 23.8 18.8 28.2

61 23.8 19.0 28.4

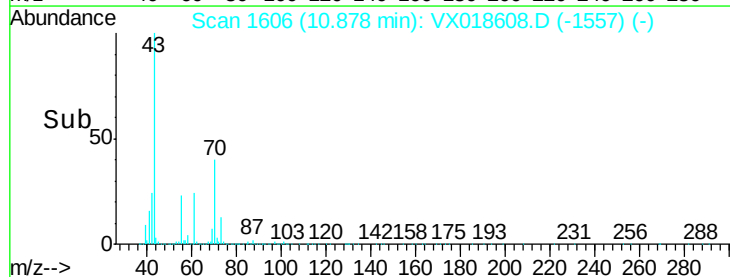
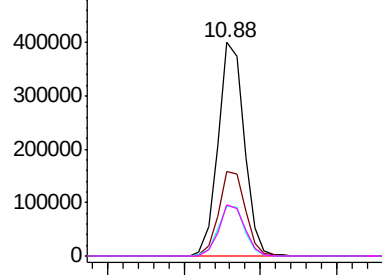


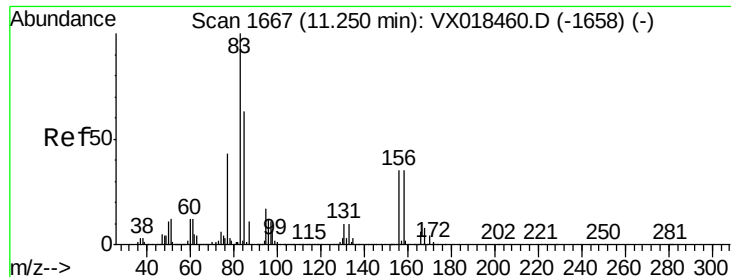
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.565 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

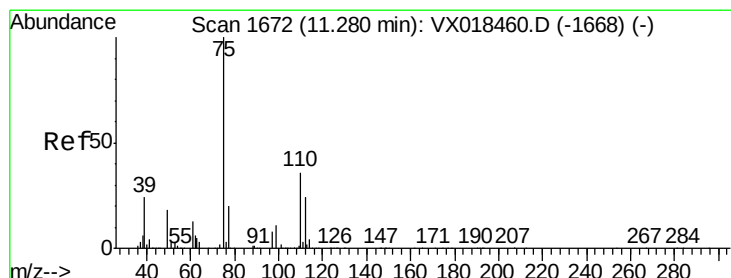
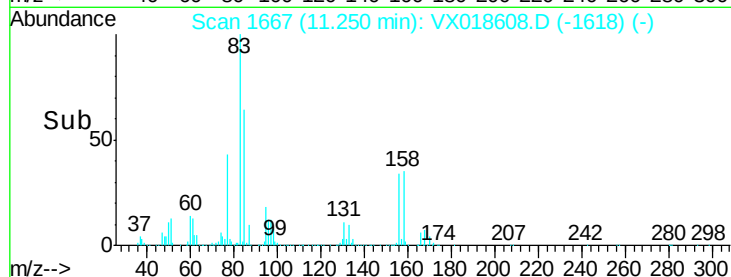
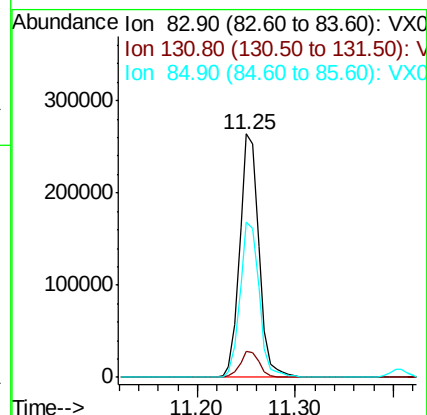
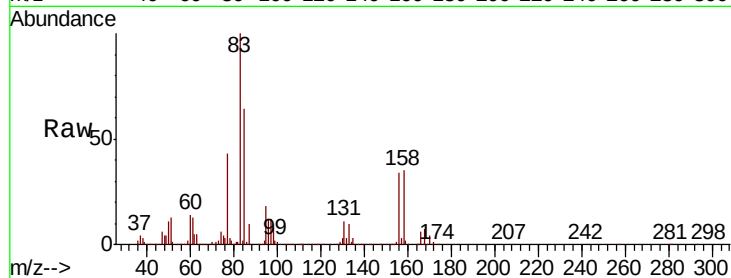
Tot Ion: 83 Resp: 357457

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 60.270 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018608.D

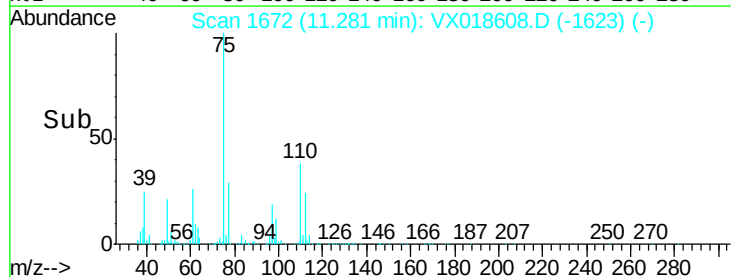
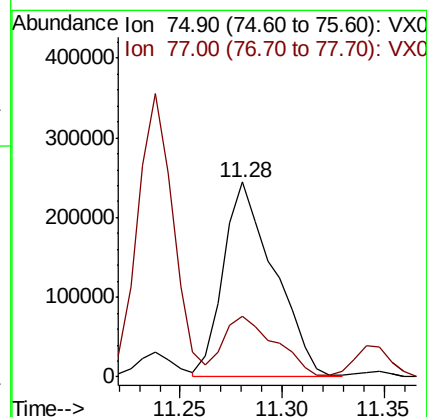
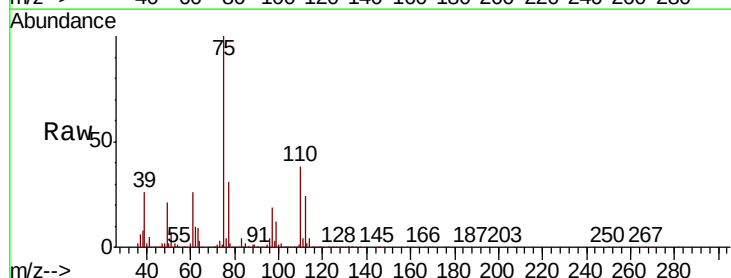
Acq: 25 Sep 2020 20:01

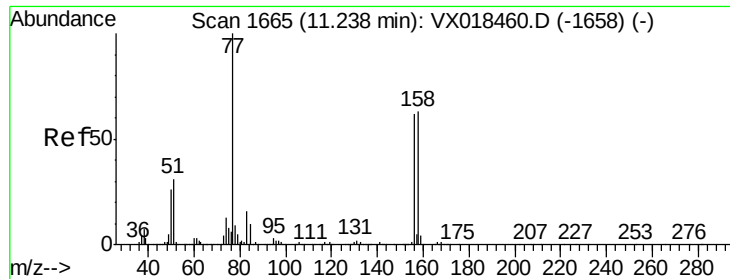
Tgt Ion: 75 Resp: 421588

Ion Ratio Lower Upper

75 100

77 32.2 20.9 62.7





#77

Bromobenzene

Concen: 46.026 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

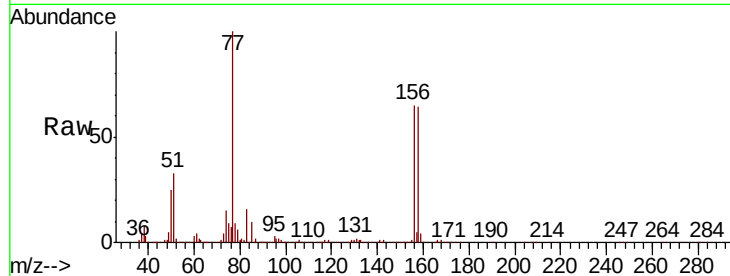
Tot Ion:156 Resp: 282392

Ion Ratio Lower Upper

156 100

77 153.0 78.8 236.5

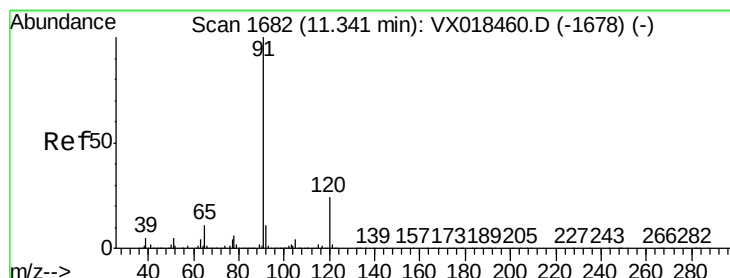
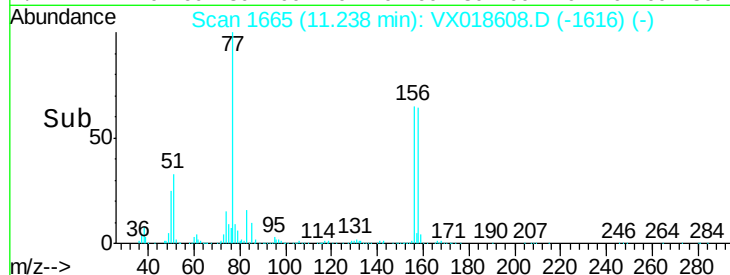
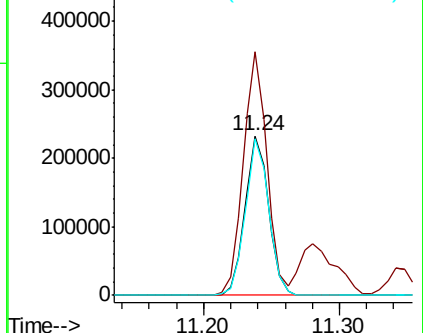
158 97.2 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.131 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018608.D

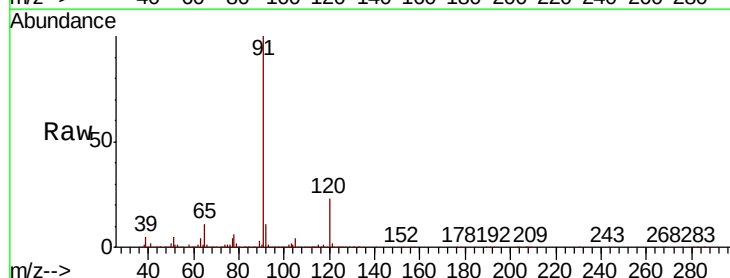
Acq: 25 Sep 2020 20:01

Tgt Ion: 91 Resp: 1174699

Ion Ratio Lower Upper

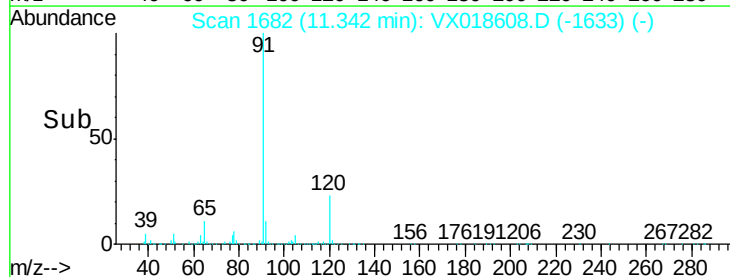
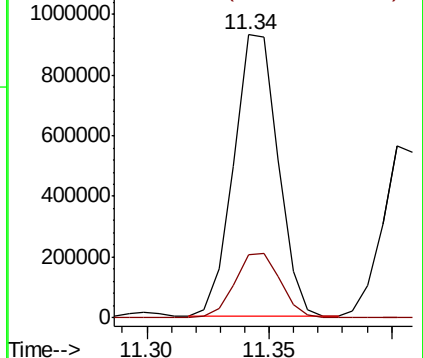
91 100

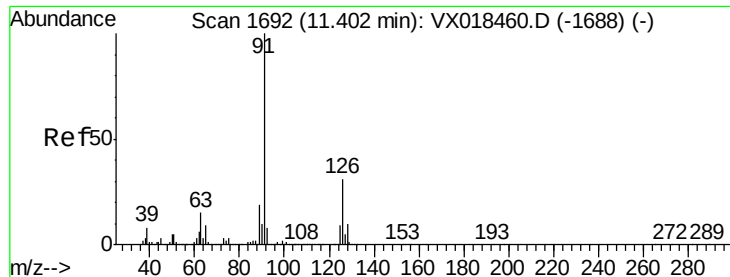
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

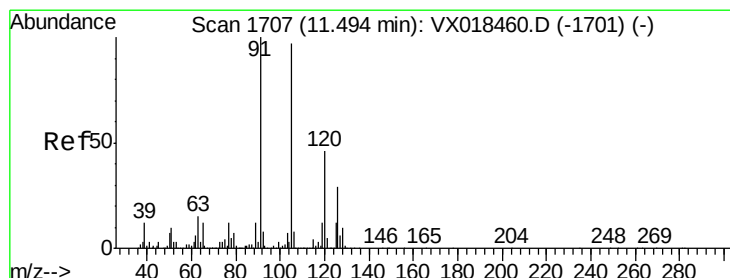
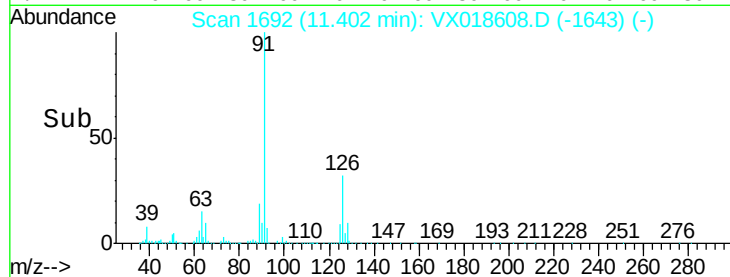
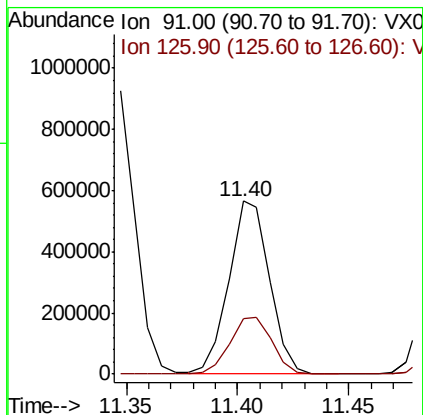
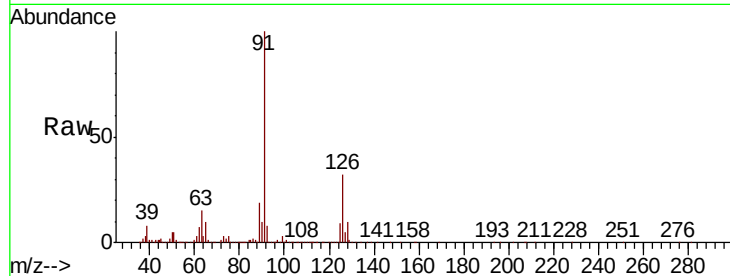




#79
 2-Chlorotoluene
 Concen: 45.471 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

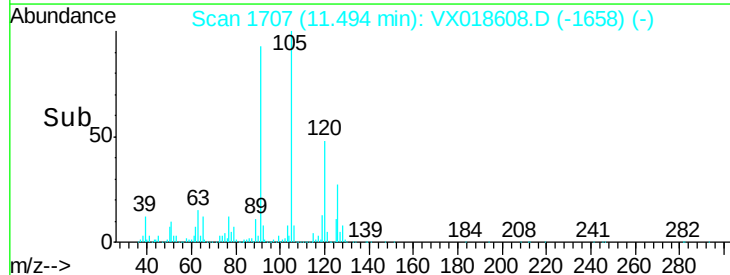
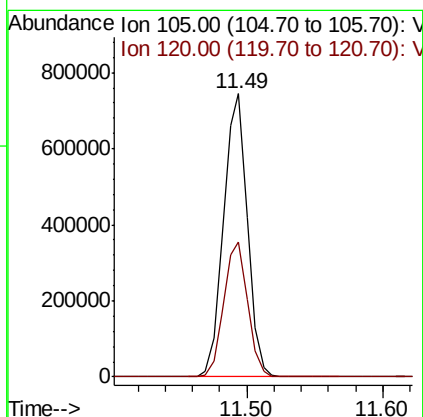
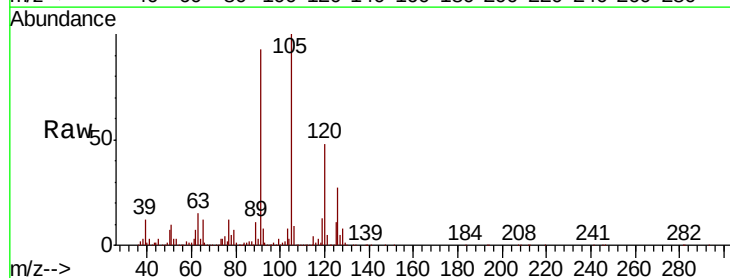
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

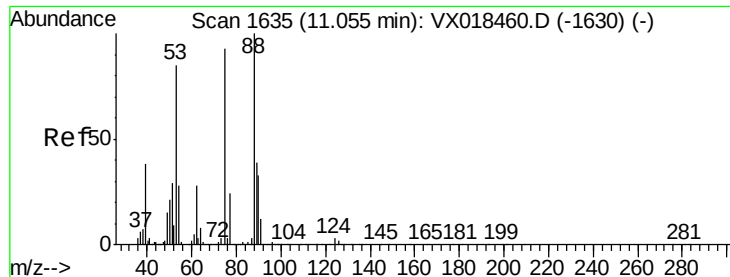
Tot Ion: 91 Resp: 716410
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 47.233 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion: 105 Resp: 898241
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.6 71.0





#81

trans-1,4-Dichloro-2-butene

Concen: 43.523 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

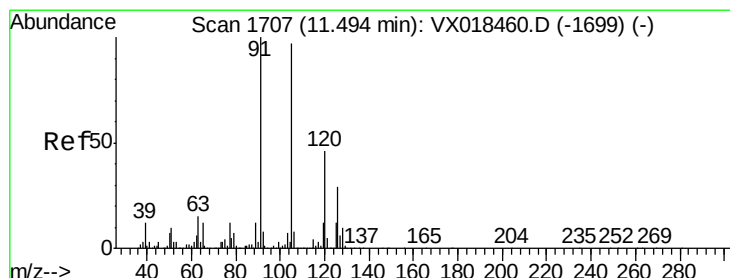
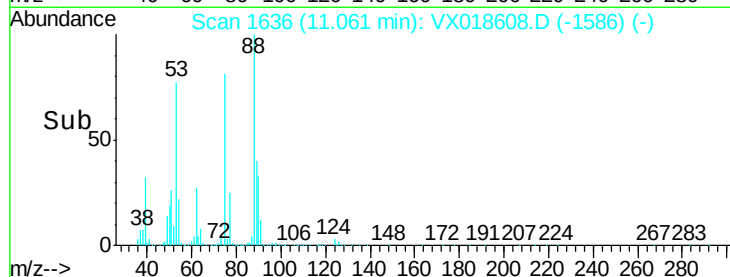
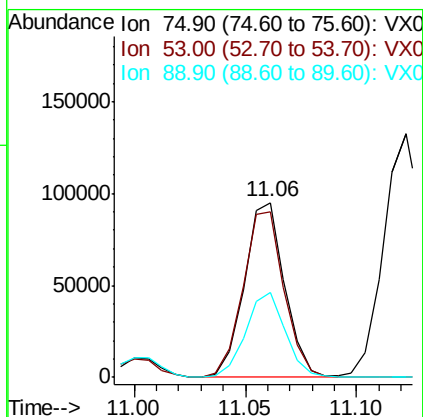
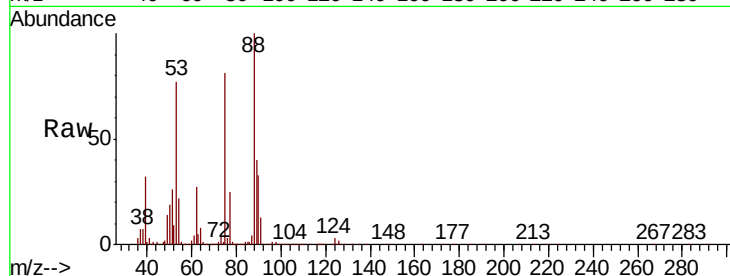
Tot Ion: 75 Resp: 118808

Ion Ratio Lower Upper

75 100

53 97.3 74.6 111.8

89 48.4 36.2 54.4



#82

4-Chlorotoluene

Concen: 45.644 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018608.D

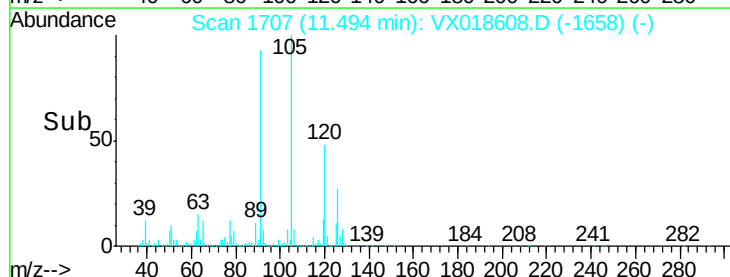
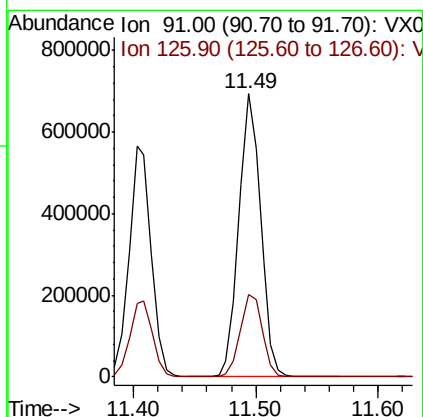
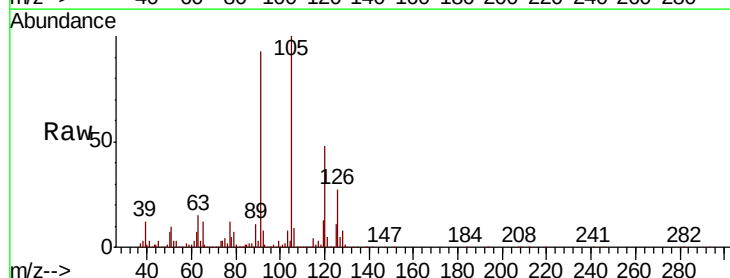
Acq: 25 Sep 2020 20:01

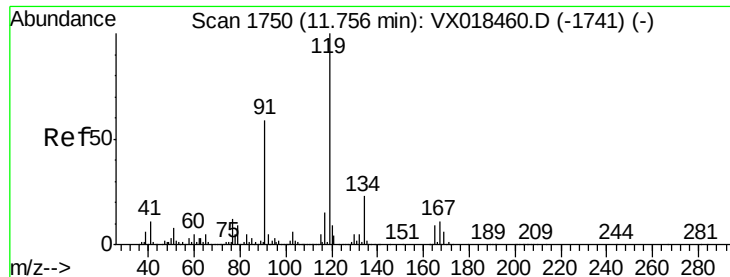
Tgt Ion: 91 Resp: 854846

Ion Ratio Lower Upper

91 100

126 29.7 15.0 45.0

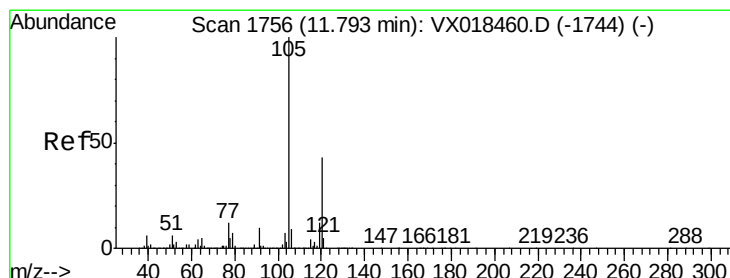
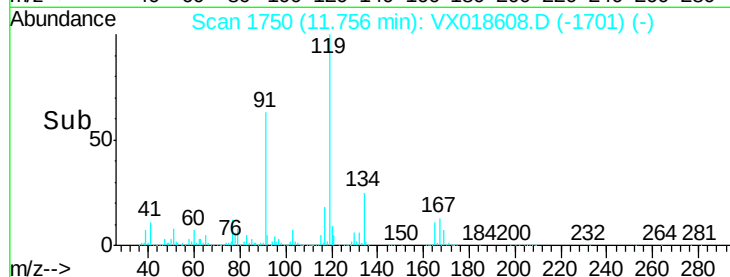
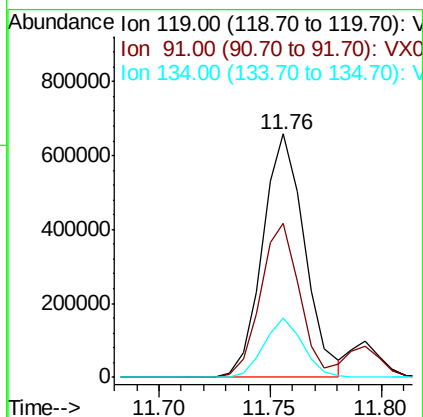
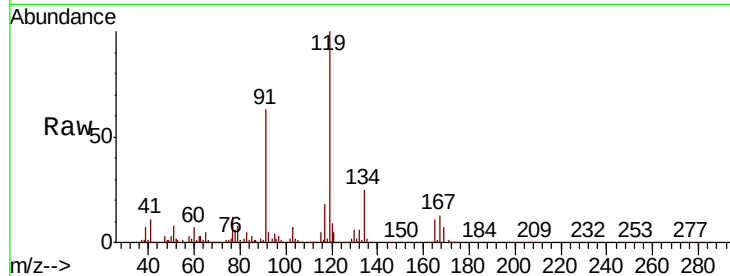




#83
 tert-Butylbenzene
 Concen: 46.639 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

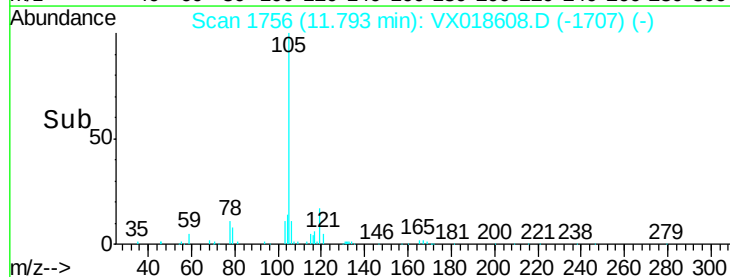
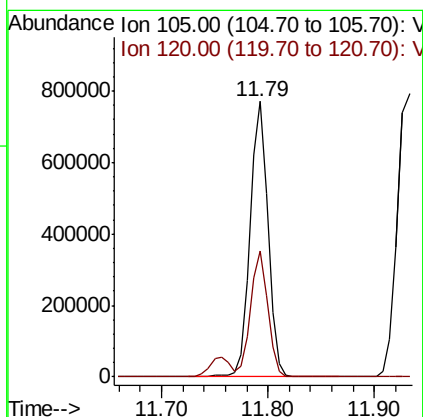
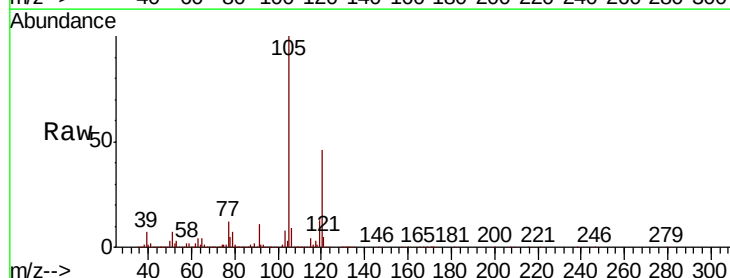
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

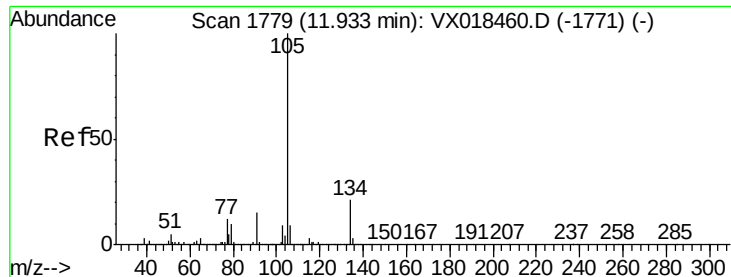
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.9	28.9	86.7
134	22.6	11.3	33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.601 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	21.6	65.0

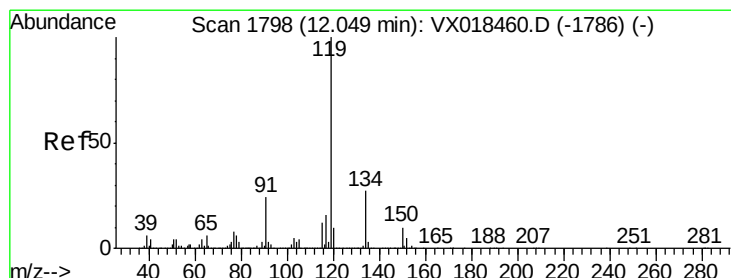
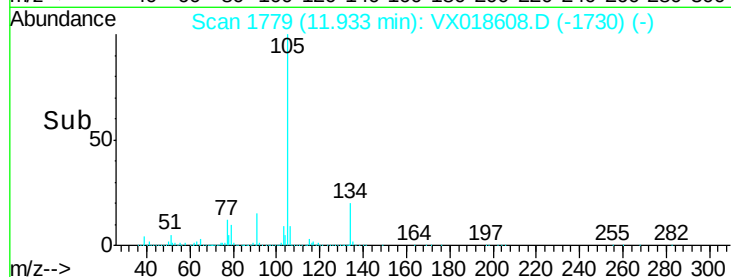
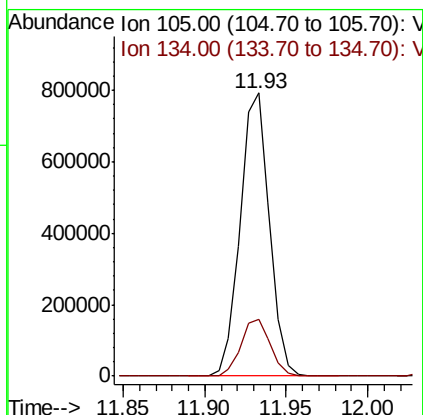
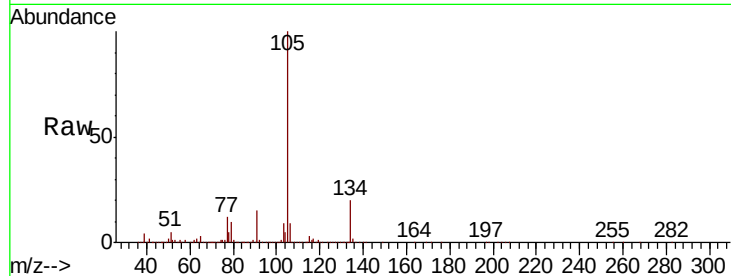




#85
 sec-Butylbenzene
 Concen: 45.292 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

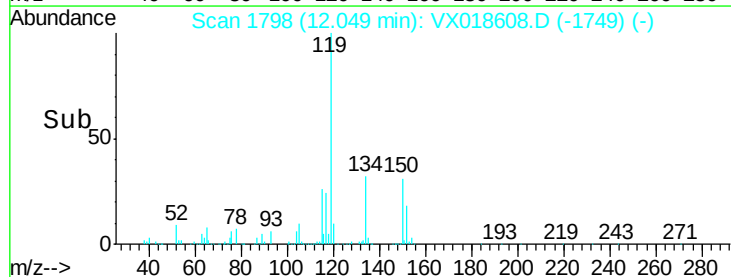
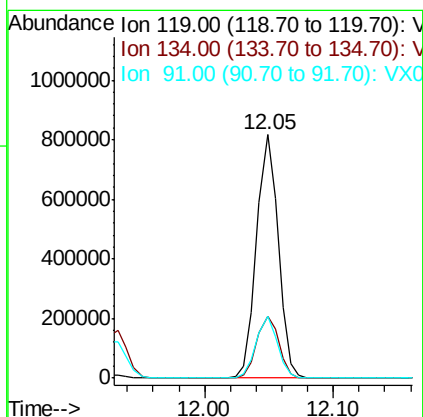
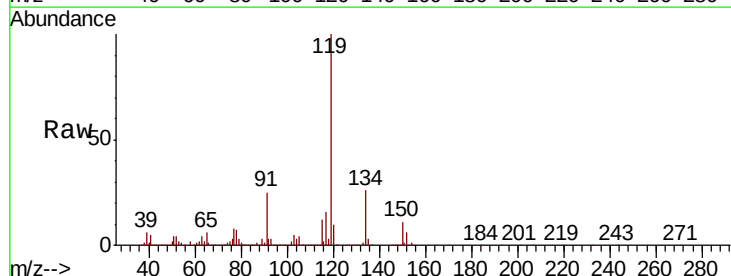
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

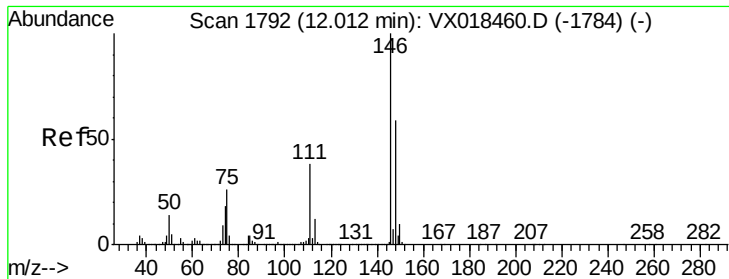
Tot Ion:105 Resp: 986752
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 47.109 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion:119 Resp: 943243
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 24.7 11.9 35.9

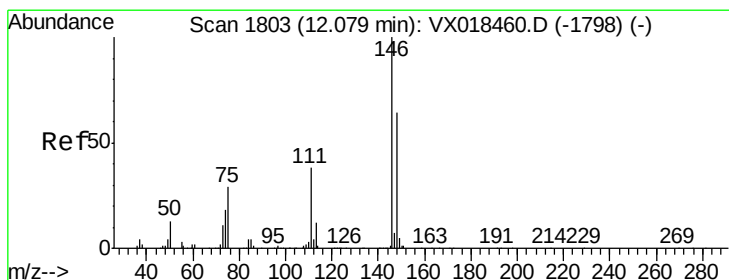
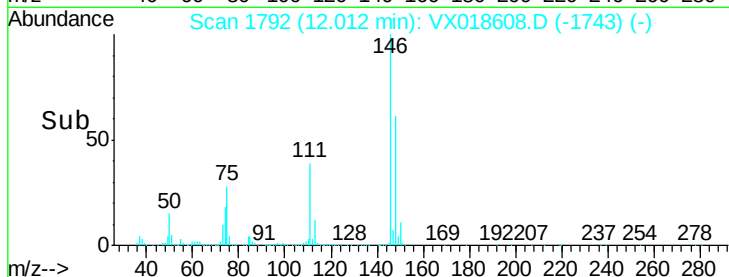
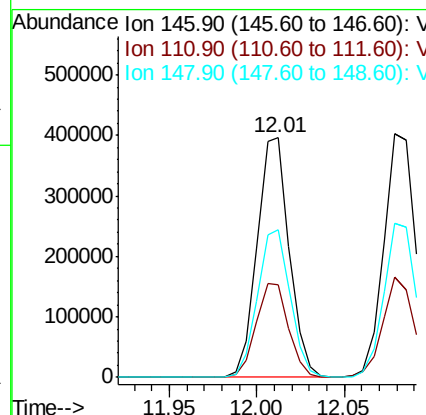
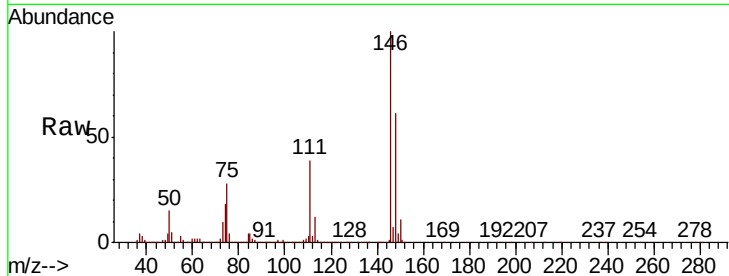




#87
 1,3-Dichlorobenzene
 Concen: 45.829 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

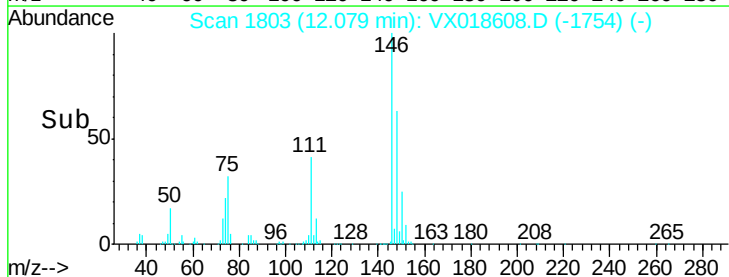
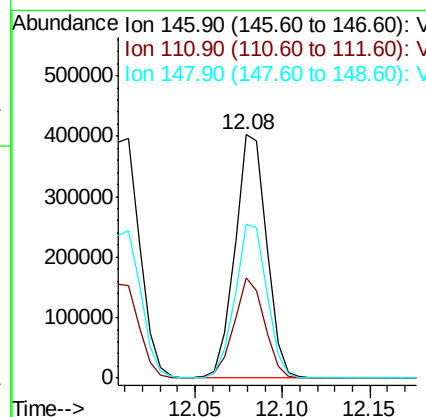
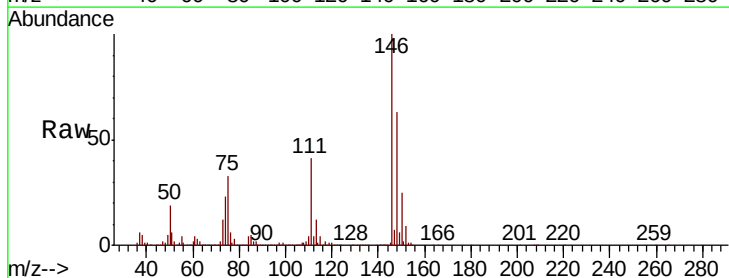
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

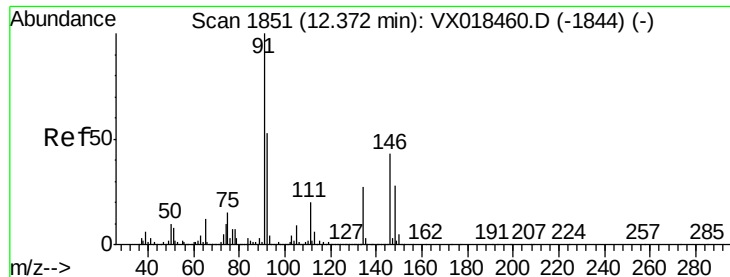
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.4	61.2
148	62.7	31.1	93.2



#88
 1,4-Dichlorobenzene
 Concen: 45.186 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.4	58.4
148	63.9	31.8	95.4

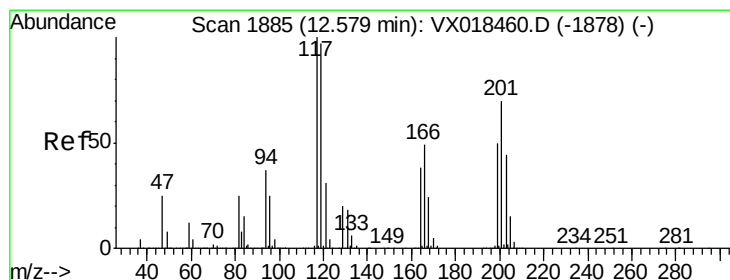
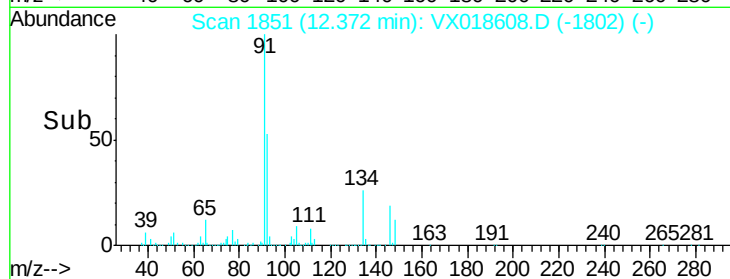
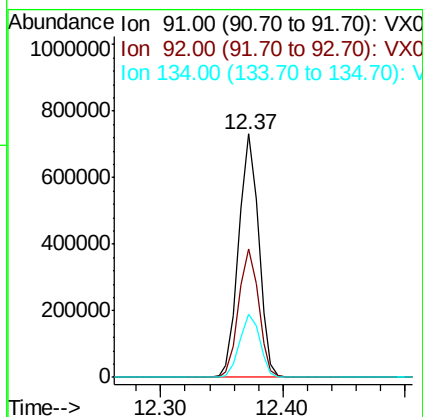
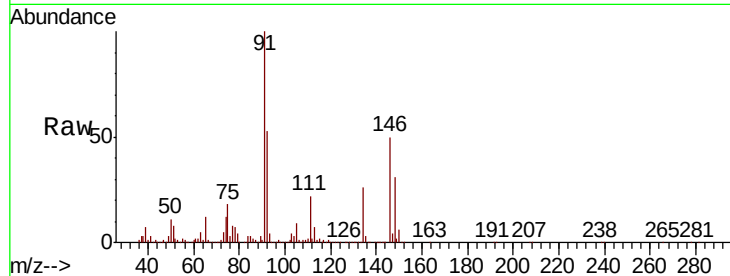




#89
n-Butylbenzene
Concen: 44.230 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

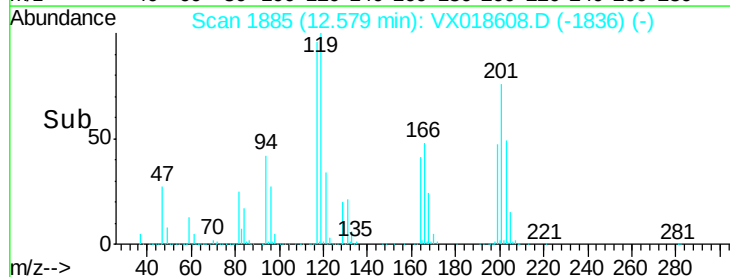
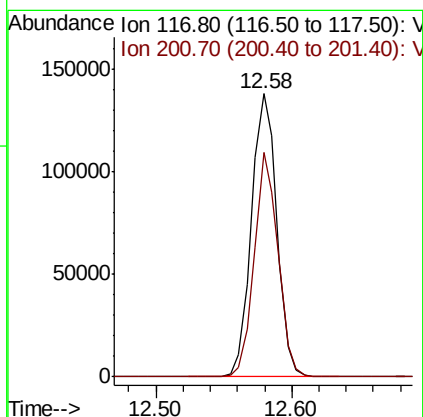
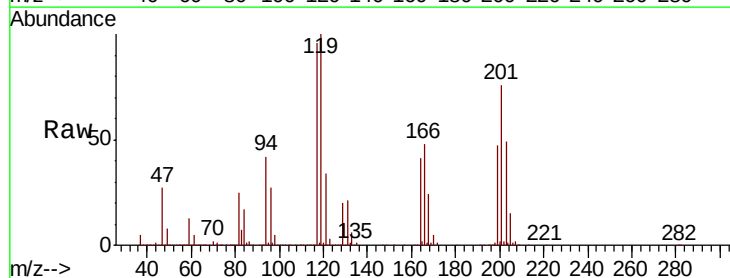
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

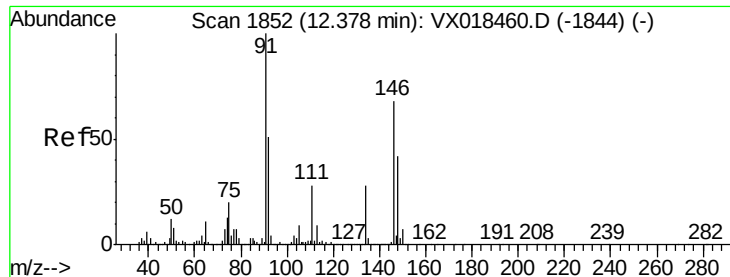
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.1	78.2
134	26.6	13.3	39.8



#90
Hexachloroethane
Concen: 45.397 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.2	36.2	108.6

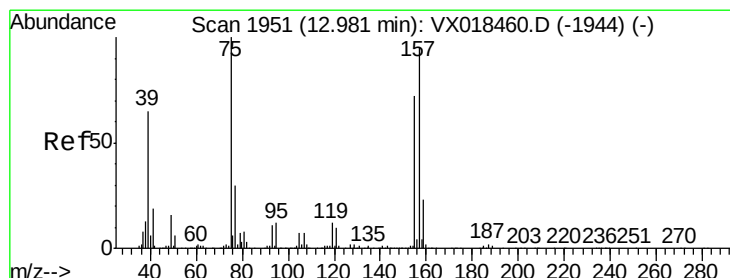
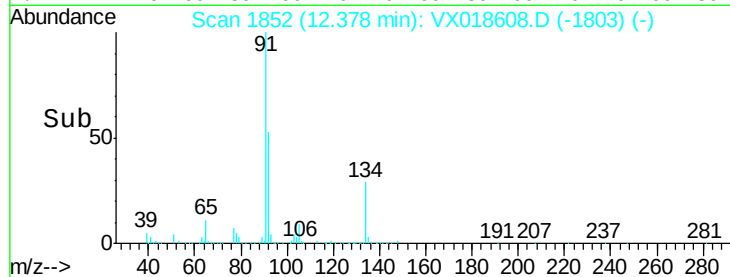
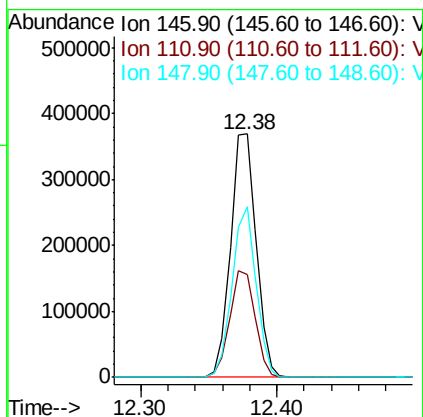
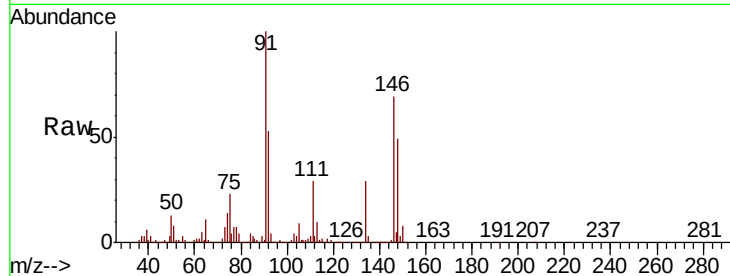




#91
 1,2-Dichlorobenzene
 Concen: 47.019 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

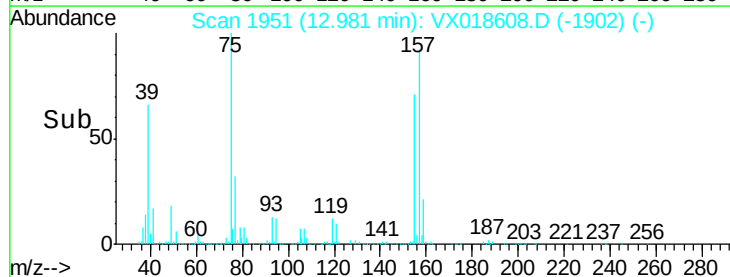
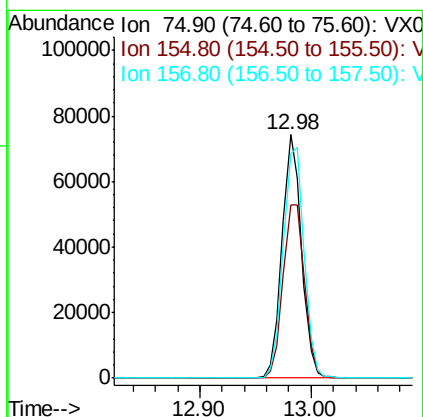
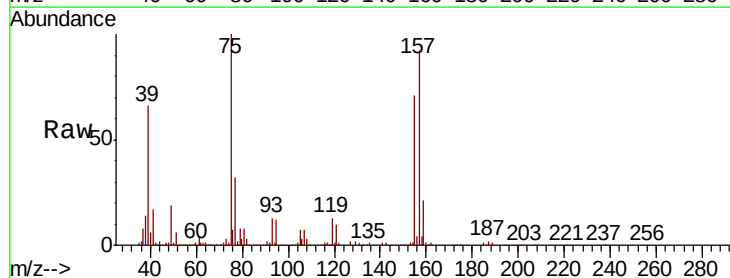
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

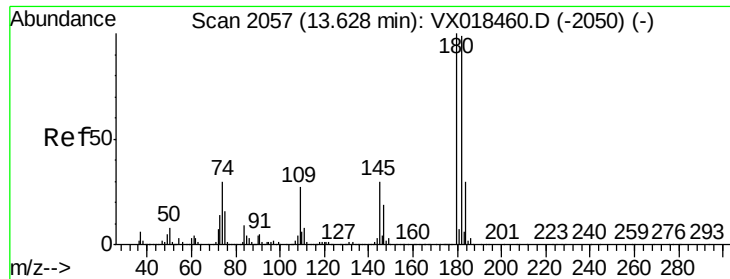
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.5	64.5
148	65.8	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.472 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.2	38.8	116.4
157	101.8	51.1	153.3

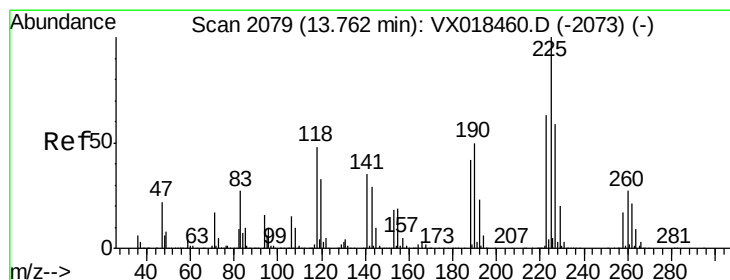
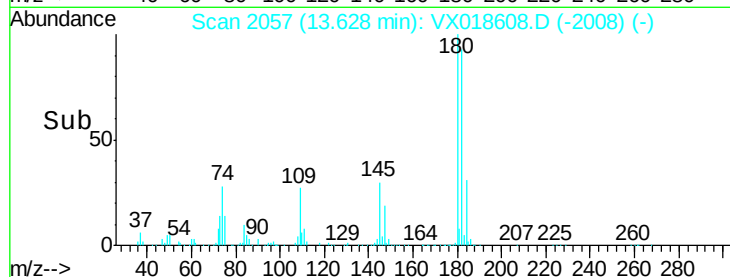
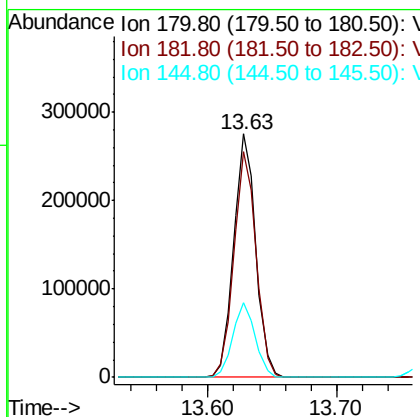
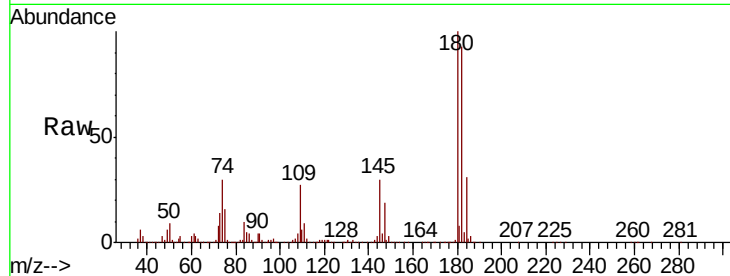




#93
 1,2,4-Trichlorobenzene
 Concen: 45.777 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

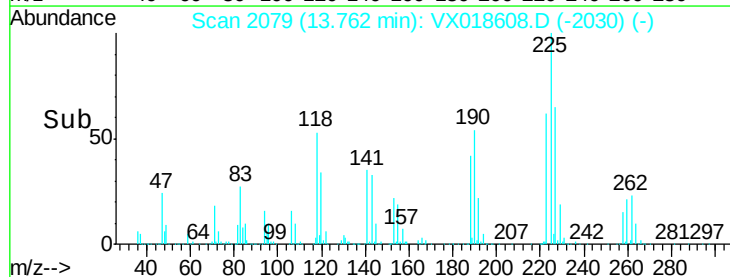
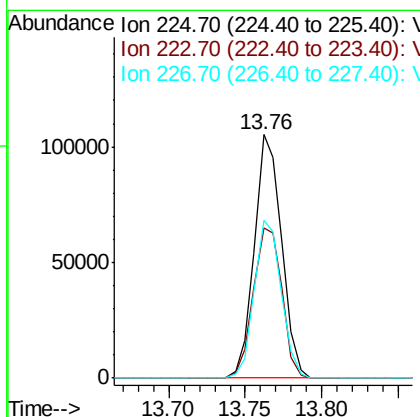
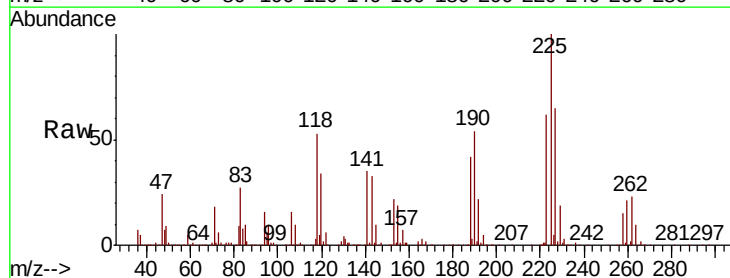
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

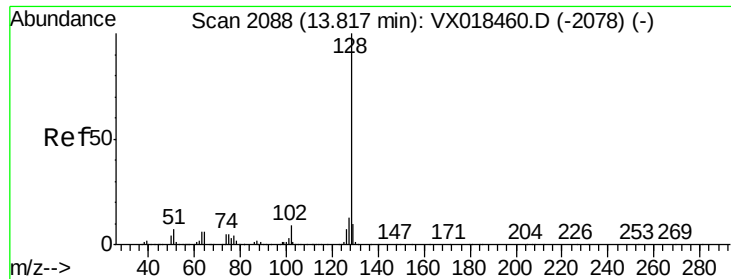
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	50.2	150.6
145	31.3	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 43.302 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	32.0	96.2
227	64.4	31.7	95.1

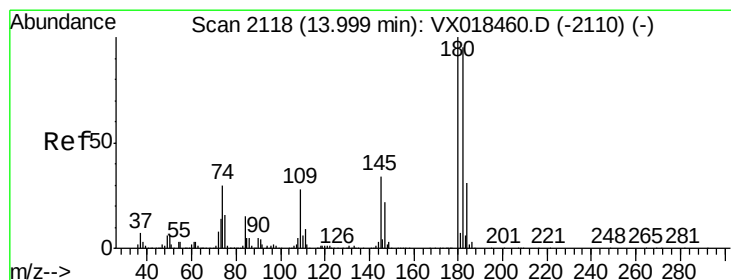
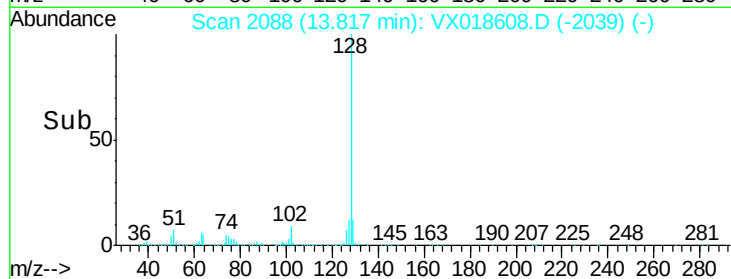
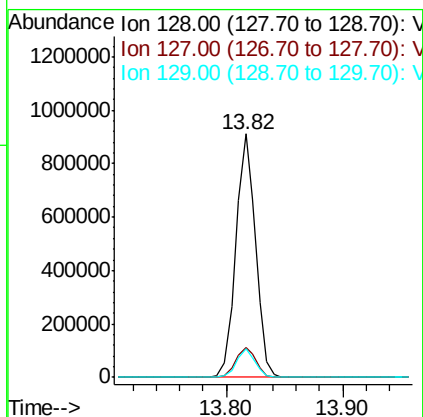
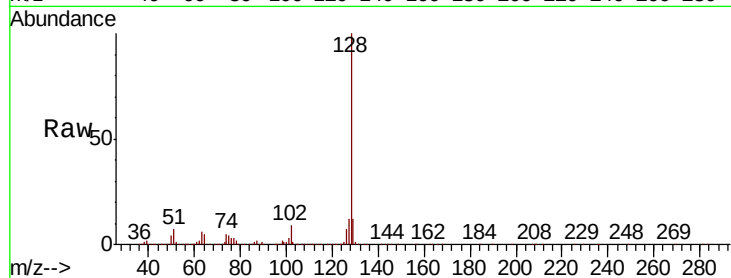




#95
Naphthalene
Concen: 49.292 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1069750
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.470 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion:180 Resp: 326013
Ion Ratio Lower Upper
180 100
182 97.1 47.1 141.3
145 33.0 16.8 50.4

