

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017112.D
 Acq On : 01 Jul 2020 20:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 02 01:40:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	256281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	396206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	153270	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	5.46	113	126867	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	8.70	98	462961	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.12	95	185996	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	120606	48.644	ug/l	98
3) Chloromethane	1.31	50	131381	43.777	ug/l	98
4) Vinyl Chloride	1.39	62	129329	46.446	ug/l	98
5) Bromomethane	1.62	94	73136	49.714	ug/l	98
6) Chloroethane	1.71	64	75088	45.659	ug/l	98
7) Trichlorofluoromethane	1.92	101	203231	49.350	ug/l	98
8) Diethyl Ether	2.17	74	71035	51.256	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	120161	48.683	ug/l	98
10) Methyl Iodide	2.49	142	145855	45.797	ug/l	98
11) Tert butyl alcohol	3.01	59	144562	239.847	ug/l	99
12) 1,1-Dichloroethene	2.36	96	119706	47.211	ug/l	96
13) Acrolein	2.28	56	50013	138.810	ug/l	98
14) Allyl chloride	2.71	41	215884	46.071	ug/l	98
15) Acrylonitrile	3.12	53	353994	244.314	ug/l	100
16) Acetone	2.42	43	287950	243.630	ug/l	98
17) Carbon Disulfide	2.55	76	341965	48.332	ug/l	99
18) Methyl Acetate	2.75	43	155966	50.550	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	427216	50.203	ug/l	99
20) Methylene Chloride	2.84	84	138754	51.207	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	134096	47.656	ug/l	96
22) Diisopropyl ether	3.82	45	427144	49.251	ug/l	97
23) Vinyl Acetate	3.79	43	1893332	254.050	ug/l	99
24) 1,1-Dichloroethane	3.67	63	238823	48.396	ug/l	100
25) 2-Butanone	4.64	43	481870	244.682	ug/l	100
26) 2,2-Dichloropropane	4.56	77	191049	43.602	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	150073	47.071	ug/l	100
28) Bromochloromethane	4.98	49	109757	45.706	ug/l	97
29) Tetrahydrofuran	5.09	42	320638	246.416	ug/l	100
30) Chloroform	5.18	83	247921	49.009	ug/l	98
31) Cyclohexane	5.55	56	203570	47.725	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	223710	48.019	ug/l	98
36) 1,1-Dichloropropene	5.77	75	181156	48.378	ug/l	99
37) Ethyl Acetate	4.79	43	190195	50.060	ug/l	99
38) Carbon Tetrachloride	5.76	117	206873	50.158	ug/l	95

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Quant Time: Jul 02 01:40:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	205095	49.226	ug/l	99
40) Benzene	6.12	78	537017	48.809	ug/l	100
41) Methacrylonitrile	5.01	41	109417	51.169	ug/l	98
42) 1,2-Dichloroethane	6.17	62	200789	50.524	ug/l	100
43) Isopropyl Acetate	6.42	43	311568	49.350	ug/l	99
44) Trichloroethene	7.19	130	155658	51.277	ug/l	98
45) 1,2-Dichloropropane	7.49	63	140638	49.768	ug/l	96
46) Dibromomethane	7.64	93	96867	50.209	ug/l	97
47) Bromodichloromethane	7.87	83	200803	50.505	ug/l	95
48) Methyl methacrylate	7.74	41	156117	52.048	ug/l	97
49) 1,4-Dioxane	7.71	88	65456	963.269	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	971028	258.019	ug/l	100
52) Toluene	8.76	92	344083	50.090	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	219580	50.055	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	230763	49.072	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	140497	50.060	ug/l	99
56) Ethyl methacrylate	9.16	69	214982	53.817	ug/l	99
57) 1,3-Dichloropropane	9.35	76	237506	50.012	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	565085	284.232	ug/l	100
59) 2-Hexanone	9.48	43	736324	267.896	ug/l	100
60) Dibromochloromethane	9.57	129	169083	51.870	ug/l	100
61) 1,2-Dibromoethane	9.65	107	153307	50.818	ug/l	100
64) Tetrachloroethene	9.32	164	145600	47.807	ug/l	99
65) Chlorobenzene	10.12	112	379939	48.781	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	152330	50.749	ug/l	99
67) Ethyl Benzene	10.23	91	663548	51.014	ug/l	100
68) m/p-Xylenes	10.34	106	508165	101.749	ug/l	98
69) o-Xylene	10.68	106	243248	51.198	ug/l	98
70) Styrene	10.70	104	429013	53.026	ug/l	100
71) Bromoform	10.84	173	129572	54.436	ug/l #	99
73) Isopropylbenzene	11.00	105	661791	48.820	ug/l	100
74) N-amyl acetate	10.88	43	284053	49.109	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	203049	47.619	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	253694	62.338	ug/l	85
77) Bromobenzene	11.24	156	175516	47.111	ug/l	99
78) n-propylbenzene	11.34	91	754892	49.245	ug/l	99
79) 2-Chlorotoluene	11.40	91	452547	48.779	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	568072	50.522	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	73479	46.757	ug/l	98
82) 4-Chlorotoluene	11.49	91	543714	49.025	ug/l	100
83) tert-Butylbenzene	11.76	119	556588	50.426	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	580084	50.853	ug/l	100
85) sec-Butylbenzene	11.93	105	646298	49.813	ug/l	99
86) p-Isopropyltoluene	12.05	119	604088	50.014	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	316180	46.727	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	317043	49.683	ug/l	100
89) n-Butylbenzene	12.37	91	514116	47.670	ug/l	100
90) Hexachloroethane	12.58	117	112795	47.355	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	303334	47.959	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47663	46.857	ug/l	99

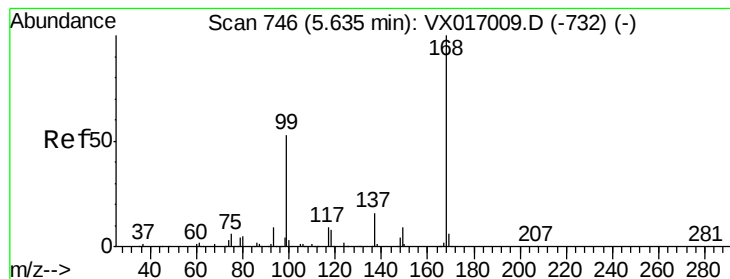
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	206427	47.817	ug/l	99
94) Hexachlorobutadiene	13.77	225	77679	47.455	ug/l	96
95) Naphthalene	13.82	128	673734	51.334	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	201759	48.292	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

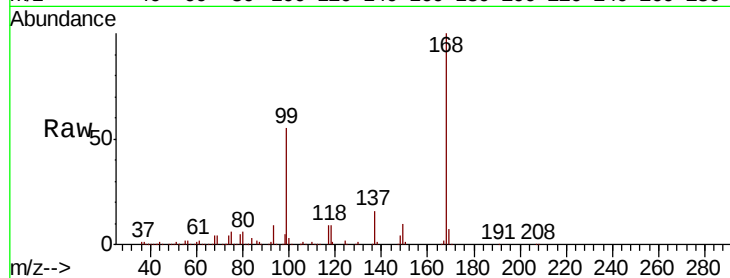
VSTDCCC050EC

Tot Ion:168 Resp: 256281

Ion Ratio Lower Upper

168 100

99 54.6 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

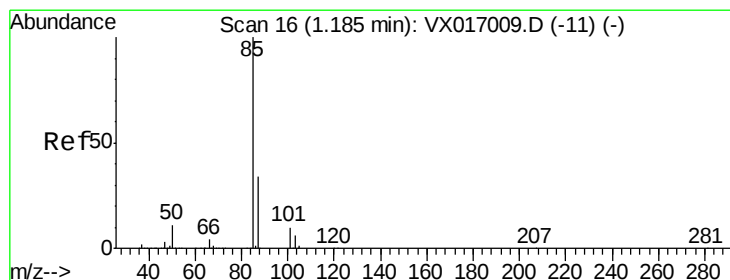
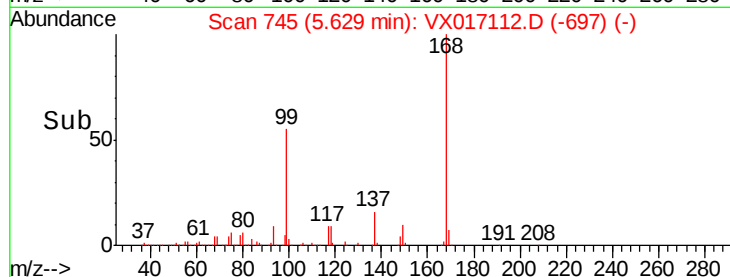
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.644 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017112.D

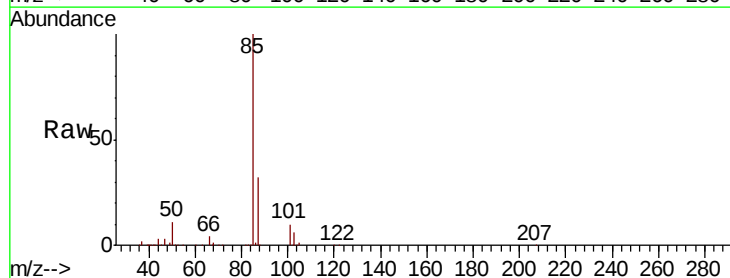
Acq: 01 Jul 2020 20:34

Tgt Ion: 85 Resp: 120606

Ion Ratio Lower Upper

85 100

87 32.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

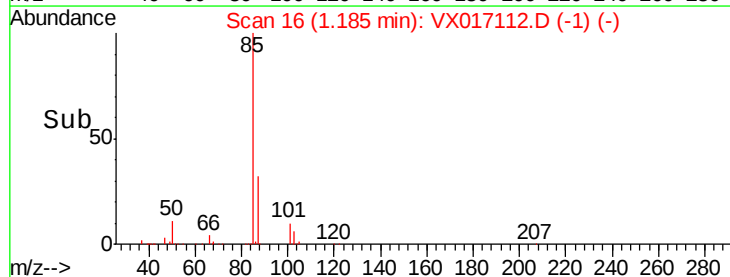
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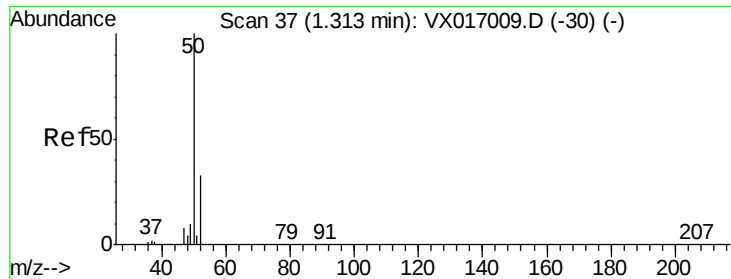
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.777 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

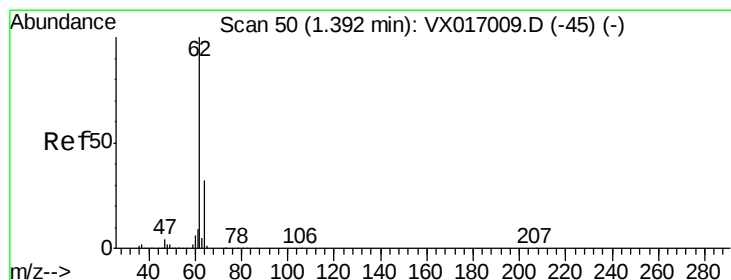
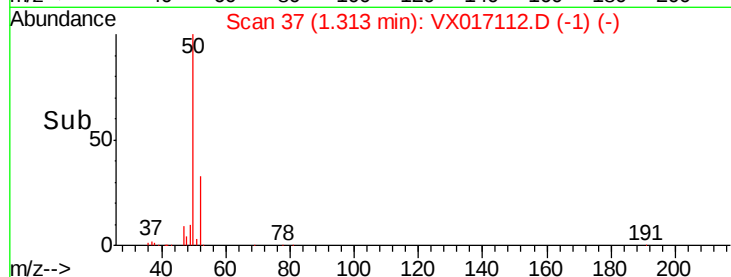
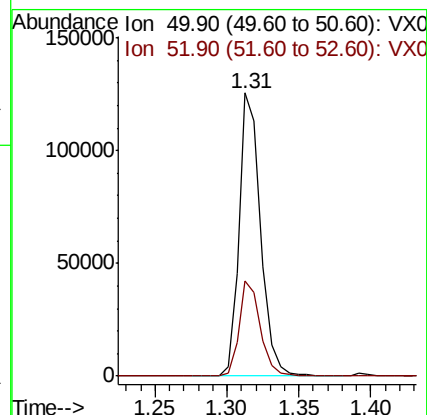
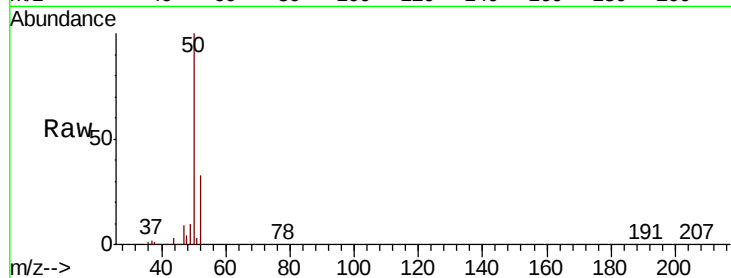
VSTDCCC050EC

Tot Ion: 50 Resp: 131381

Ion Ratio Lower Upper

50 100

52 33.5 26.1 39.1



#4

Vinyl Chloride

Concen: 46.446 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017112.D

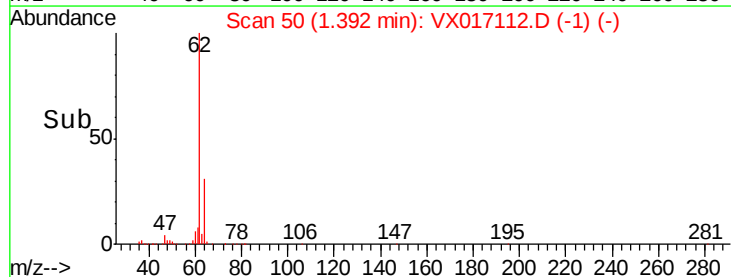
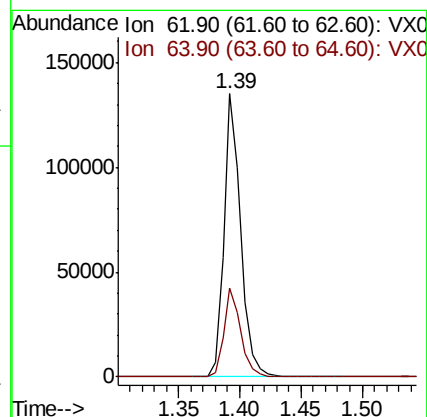
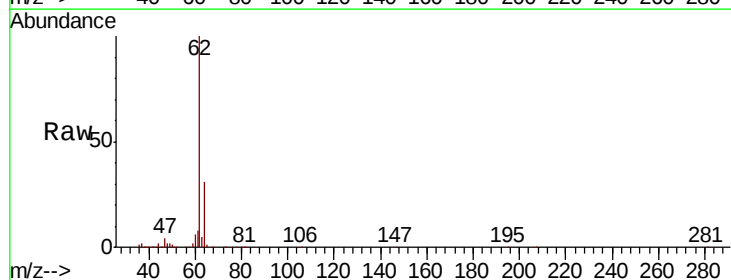
Acq: 01 Jul 2020 20:34

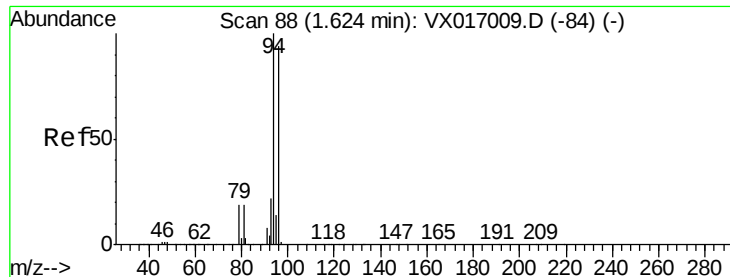
Tgt Ion: 62 Resp: 129329

Ion Ratio Lower Upper

62 100

64 31.2 25.9 38.9





#5

Bromomethane

Concen: 49.714 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

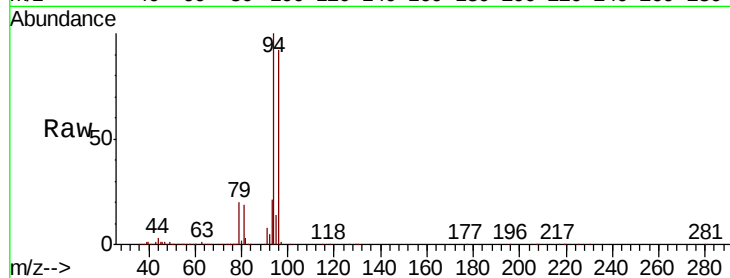
VSTDCCC050EC

Tot Ion: 94 Resp: 73136

Ion Ratio Lower Upper

94 100

96 91.5 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

80000

60000

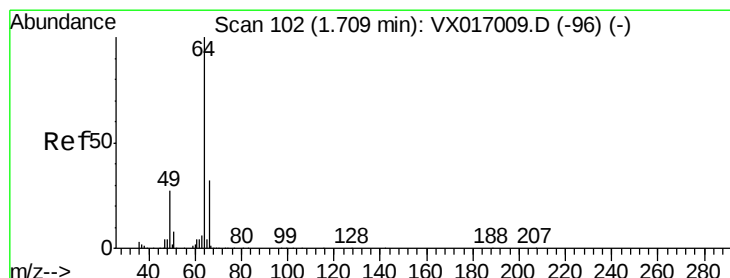
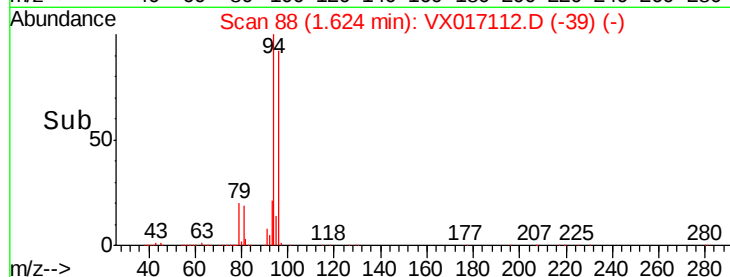
40000

20000

0

Time-->

1.50 1.60 1.70



#6

Chloroethane

Concen: 45.659 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017112.D

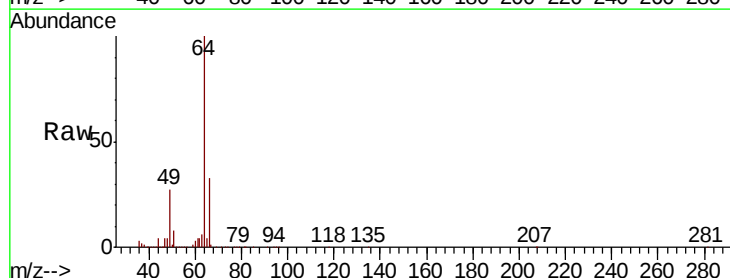
Acq: 01 Jul 2020 20:34

Tgt Ion: 64 Resp: 75088

Ion Ratio Lower Upper

64 100

66 32.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

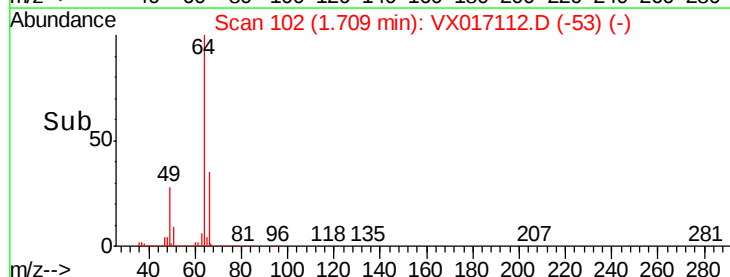
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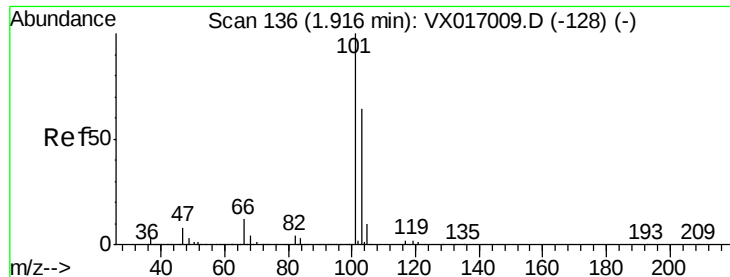
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Time-->

1.60 1.70 1.80



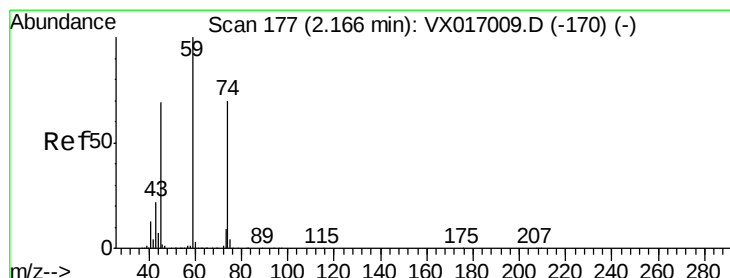
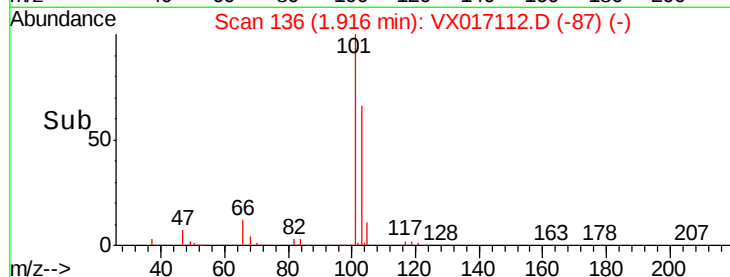
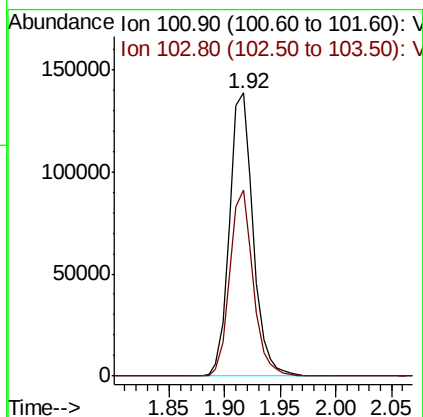
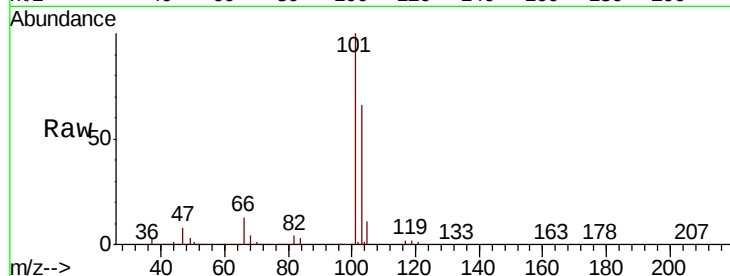


#7

Trichlorofluoromethane
Concen: 49.350 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
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VSTDCCC050EC

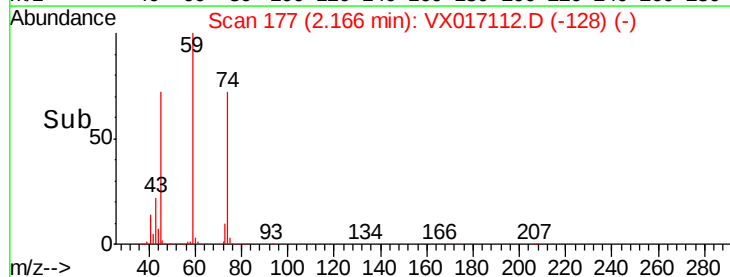
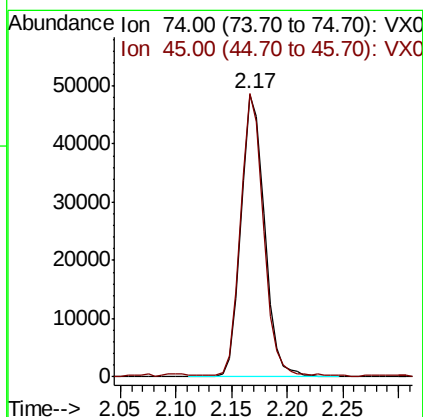
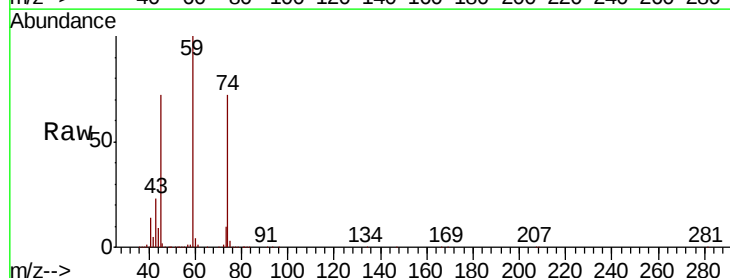
Tot Ion:101 Resp: 203231
Ion Ratio Lower Upper
101 100
103 65.9 51.5 77.3

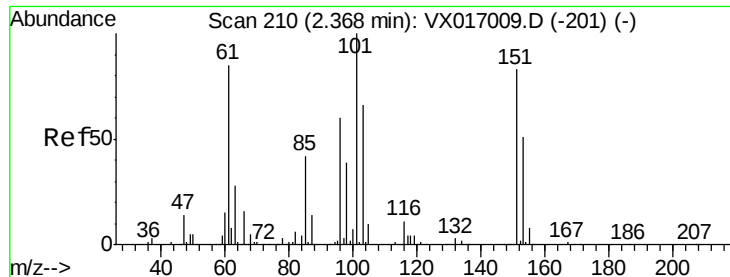


#8

Diethyl Ether
Concen: 51.256 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion: 74 Resp: 71035
Ion Ratio Lower Upper
74 100
45 96.8 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.683 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

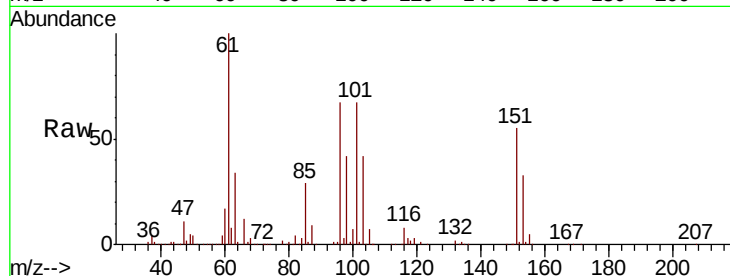
Tot Ion:101 Resp: 120161

Ion Ratio Lower Upper

101 100

85 42.8 33.5 50.3

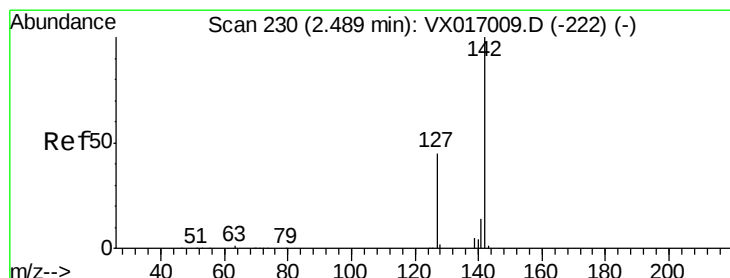
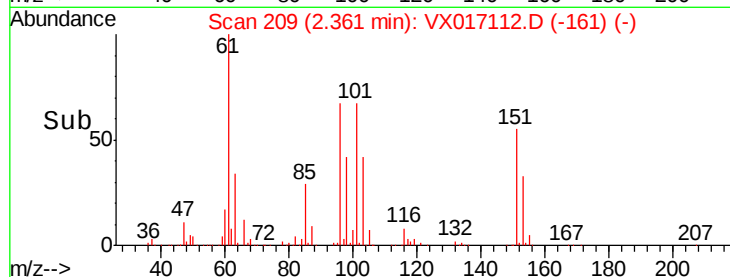
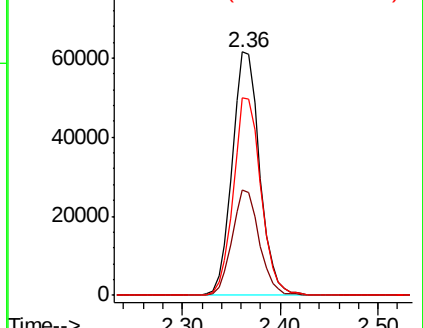
151 81.5 63.8 95.6



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: 45.797 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

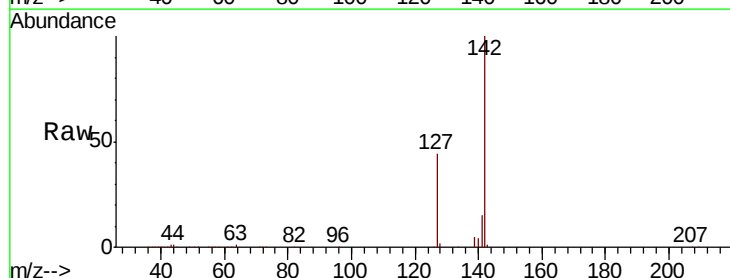
Tgt Ion:142 Resp: 145855

Ion Ratio Lower Upper

142 100

127 43.7 36.6 54.8

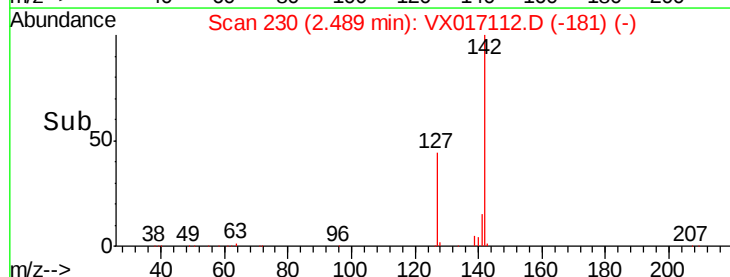
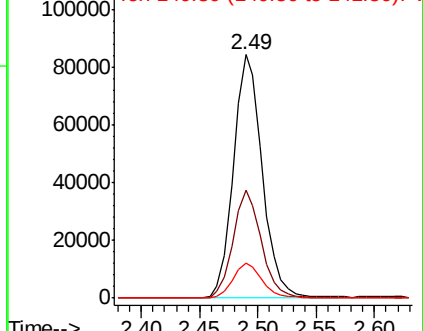
141 14.6 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



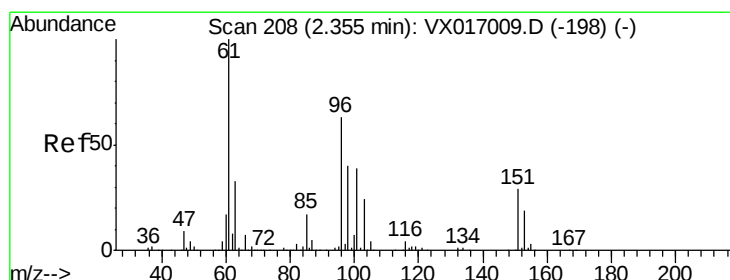
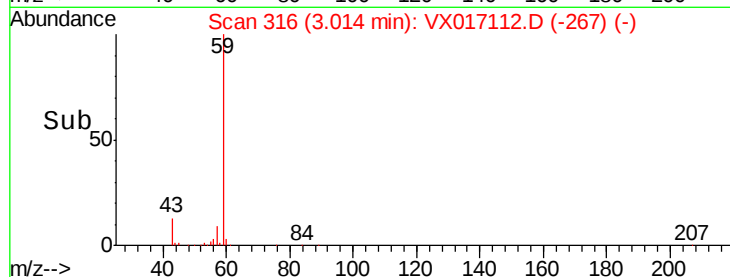
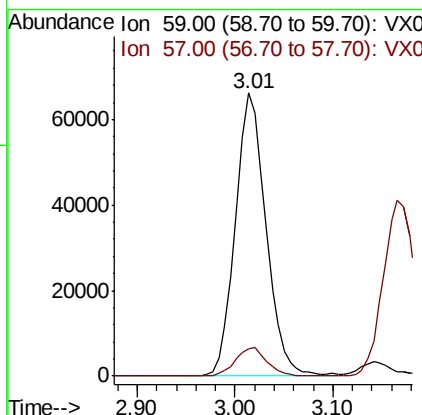
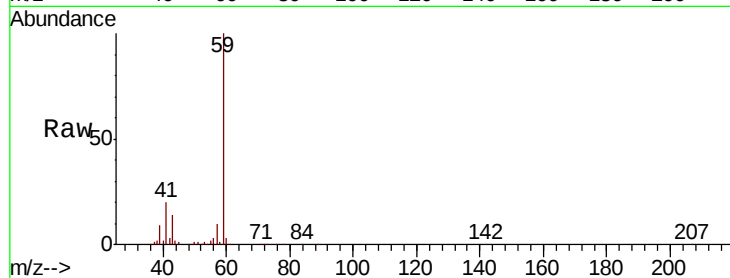


#11

Tert butyl alcohol
 Concen: 239.847 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

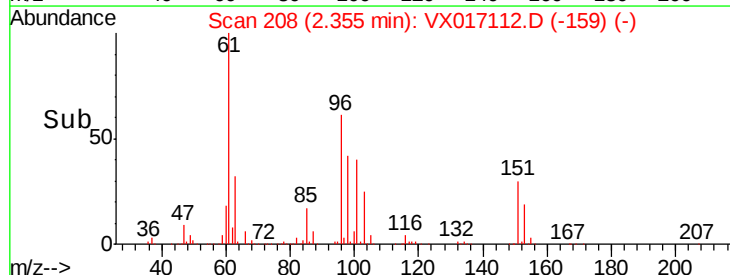
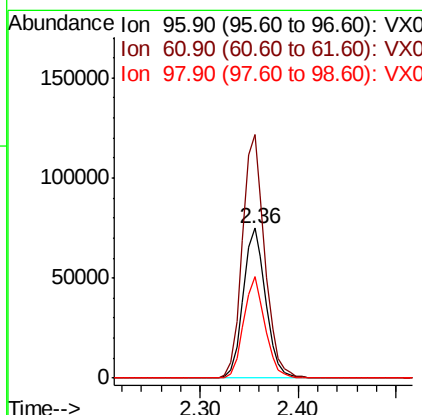
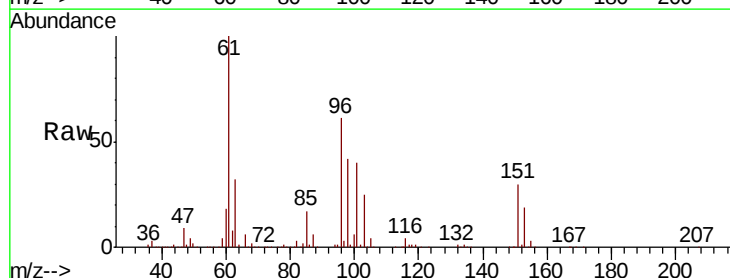
Tot Ion: 59 Resp: 144562
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

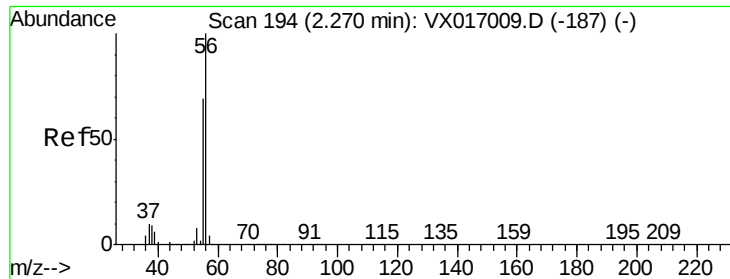


#12

1,1-Dichloroethene
 Concen: 47.211 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion: 96 Resp: 119706
 Ion Ratio Lower Upper
 96 100
 61 162.8 126.3 189.5
 98 68.1 51.0 76.6

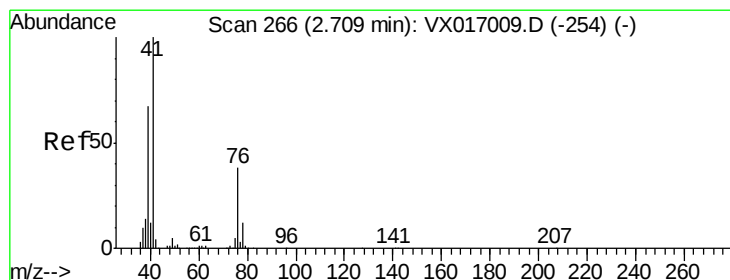
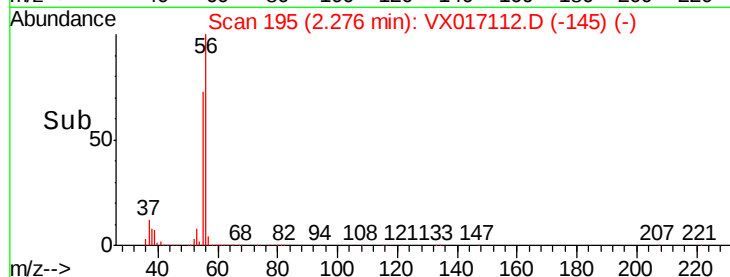
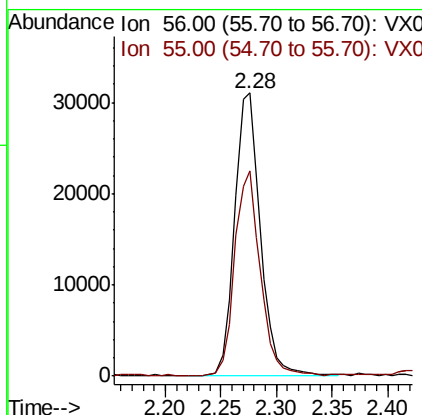
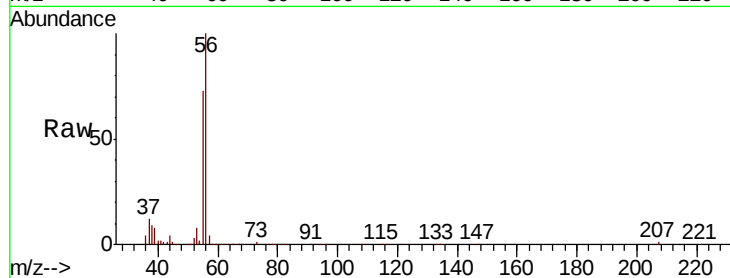




#13
Acrolein
Concen: 138.810 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

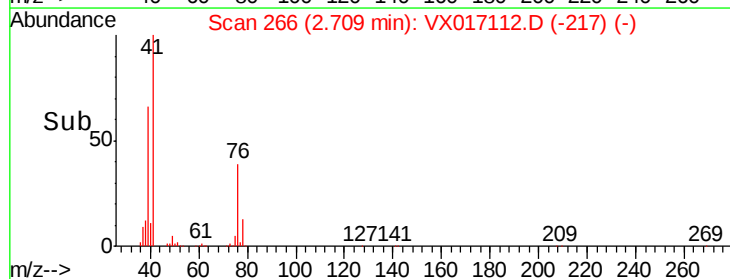
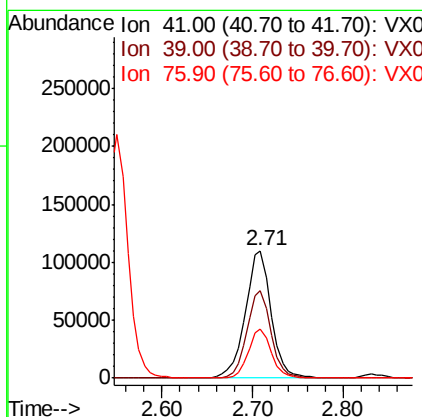
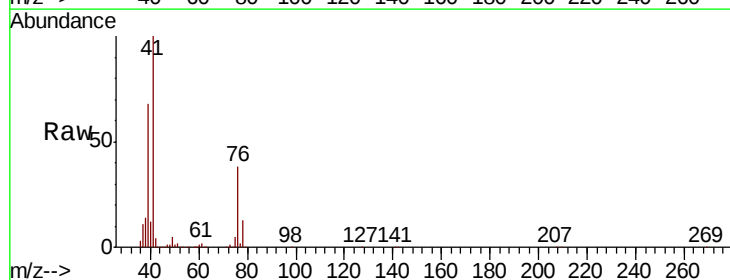
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

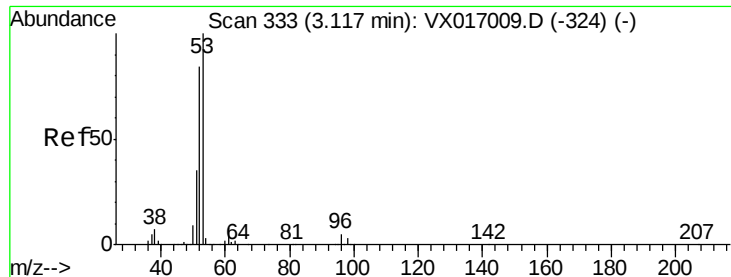
Tot Ion: 56 Resp: 50013
Ion Ratio Lower Upper
56 100
55 71.1 55.7 83.5



#14
Allyl chloride
Concen: 46.071 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion: 41 Resp: 215884
Ion Ratio Lower Upper
41 100
39 63.8 49.4 74.2
76 34.0 26.8 40.2



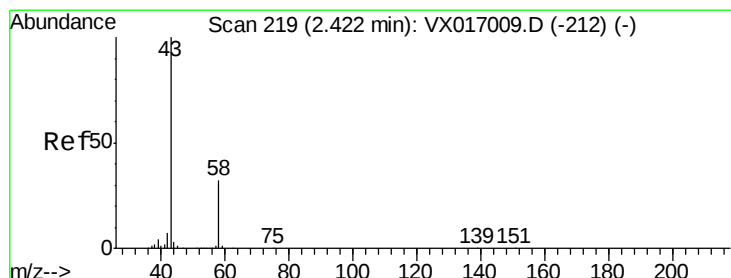
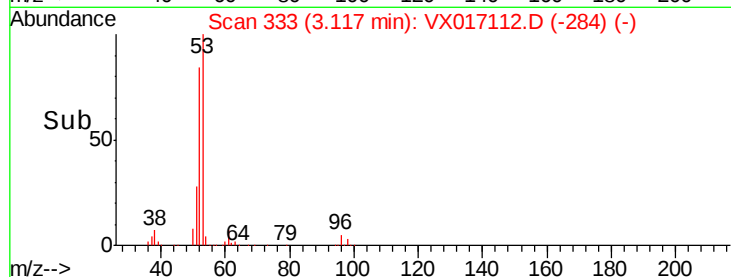
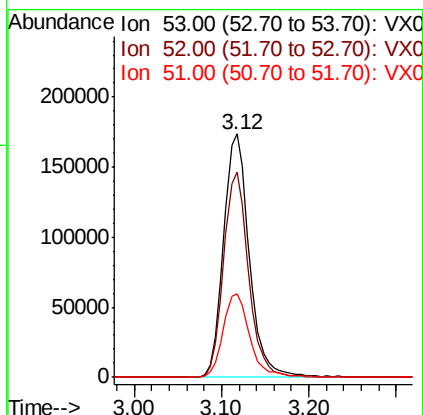
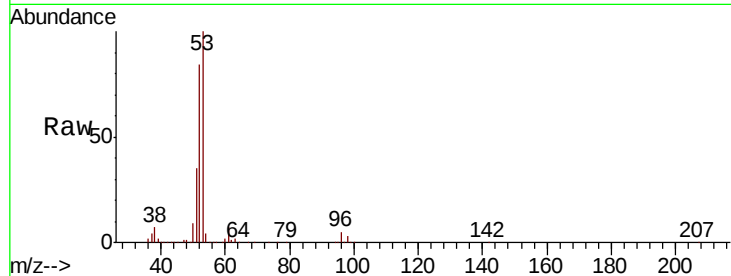


#15
 Acrylonitrile
 Concen: 244.314 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 53 Resp: 353994

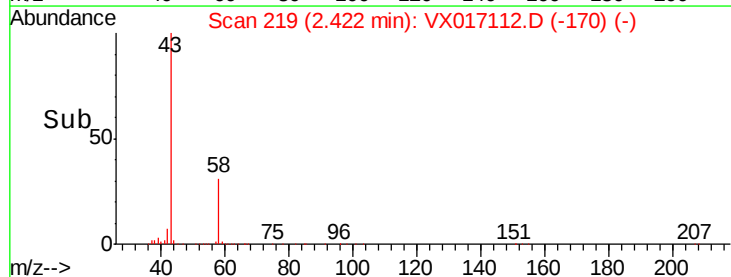
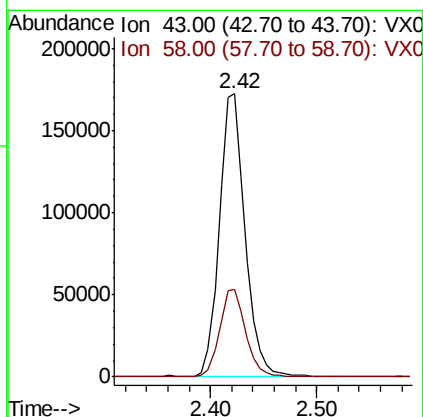
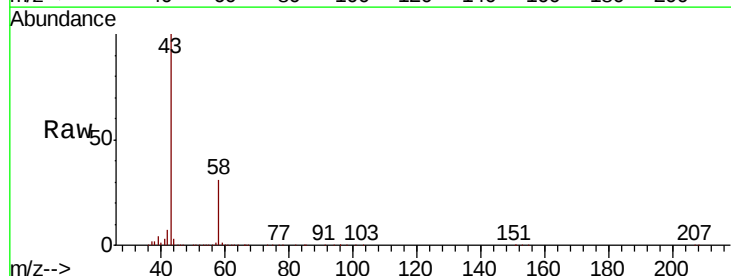
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.6	98.4
51	35.9	28.3	42.5

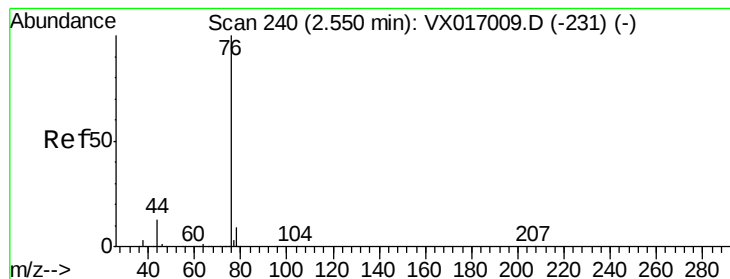


#16
 Acetone
 Concen: 243.630 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion: 43 Resp: 287950

Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.7	38.5





#17

Carbon Disulfide

Concen: 48.332 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

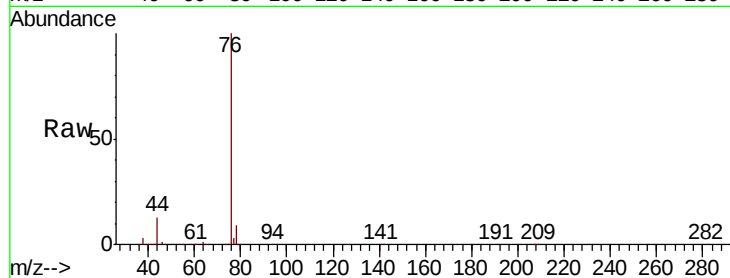
VSTDCCC050EC

Tot Ion: 76 Resp: 341965

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

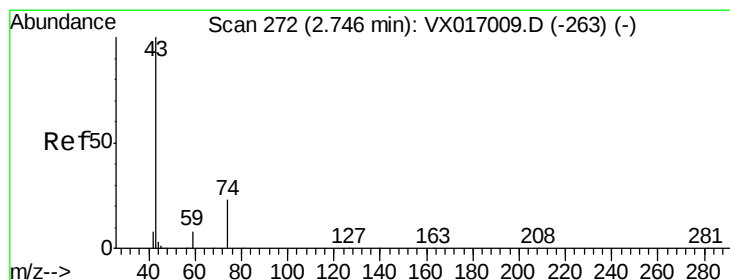
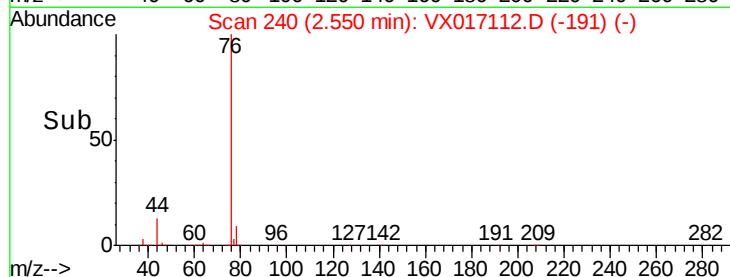
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 50.550 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX017112.D

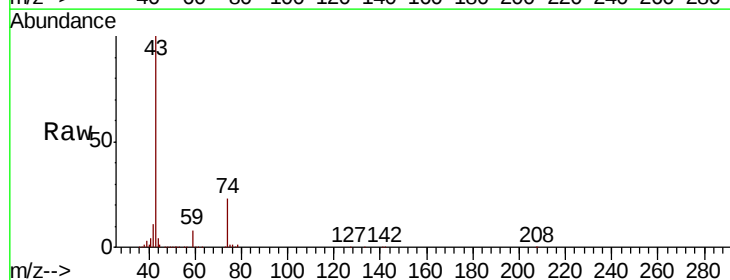
Acq: 01 Jul 2020 20:34

Tgt Ion: 43 Resp: 155966

Ion Ratio Lower Upper

43 100

74 23.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

20000

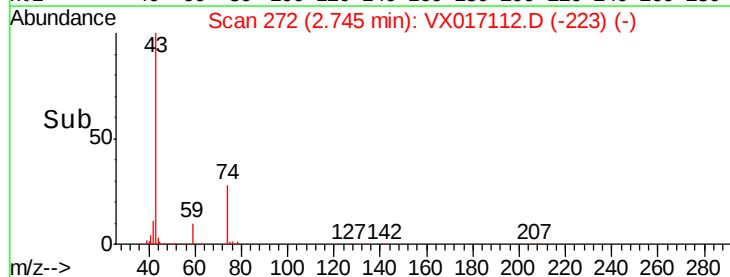
0

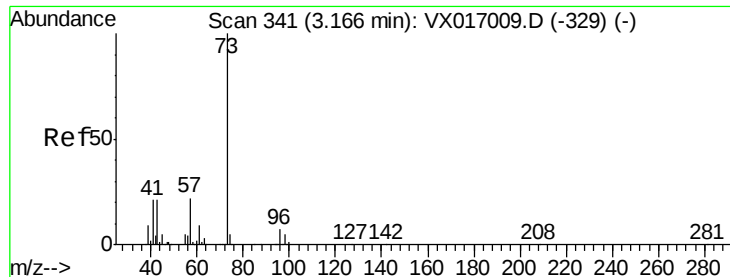
2.75

2.80

2.85

Time-->



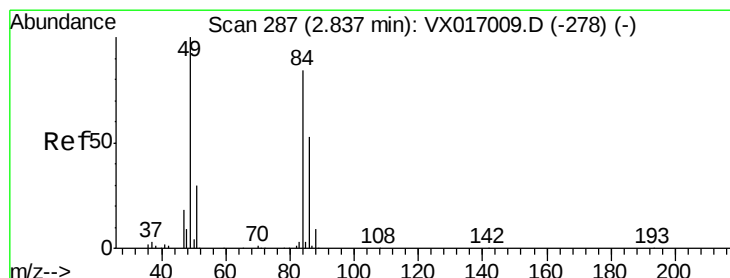
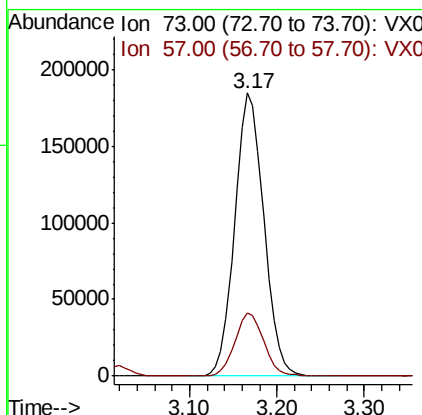
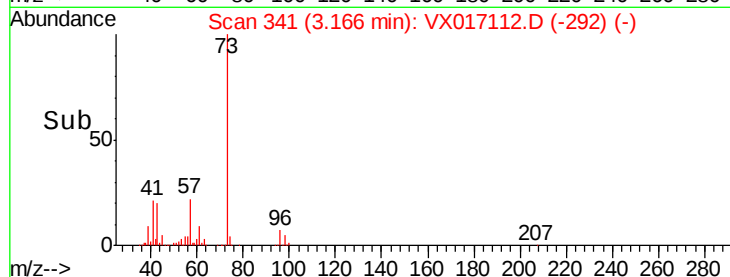
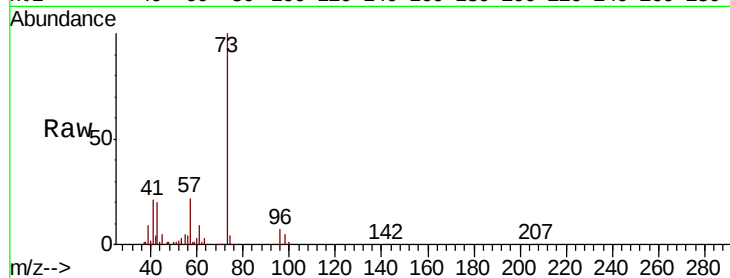


#19

Methyl tert-butyl Ether
 Concen: 50.203 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

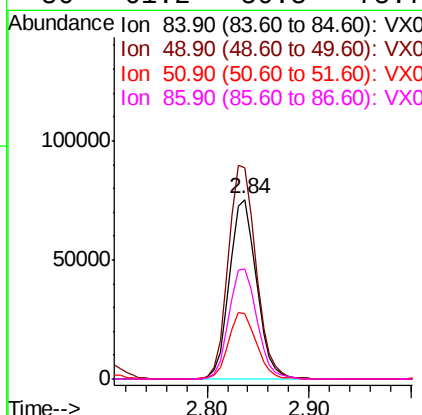
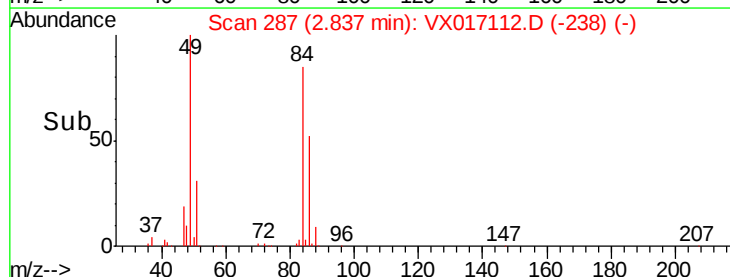
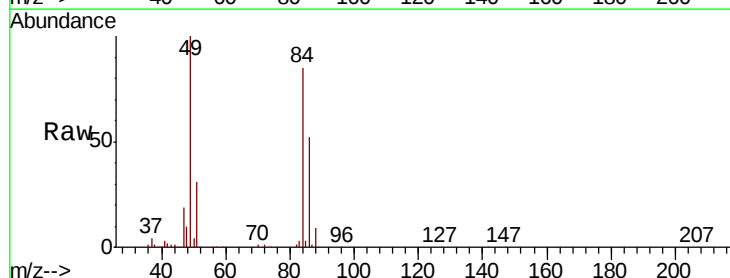
Tot Ion: 73 Resp: 427216
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.6 26.4

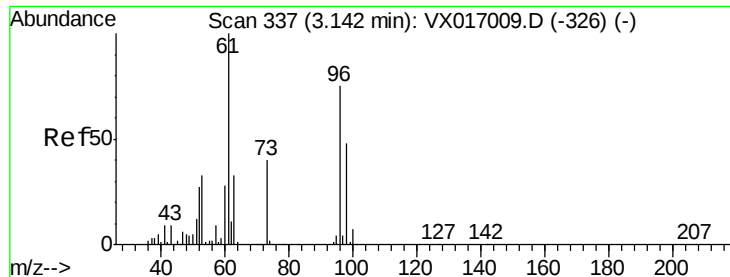


#20

Methylene Chloride
 Concen: 51.207 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion: 84 Resp: 138754
 Ion Ratio Lower Upper
 84 100
 49 117.6 94.7 142.1
 51 36.2 28.6 42.8
 86 61.2 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 47.656 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

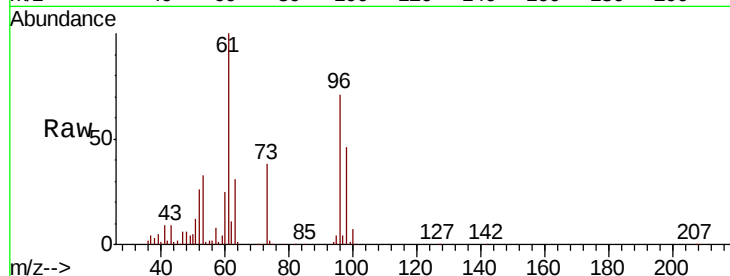
Tot Ion: 96 Resp: 134096

Ion Ratio Lower Upper

96 100

61 140.4 107.0 160.6

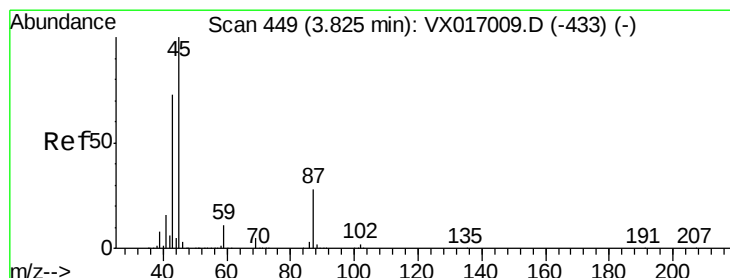
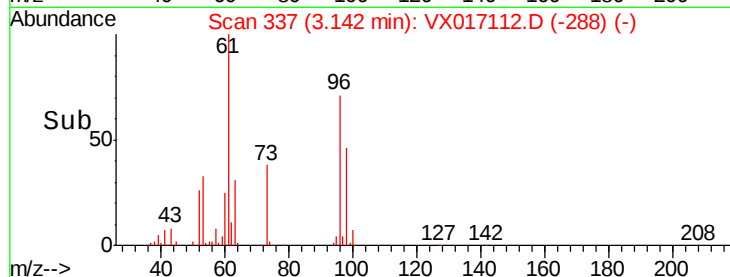
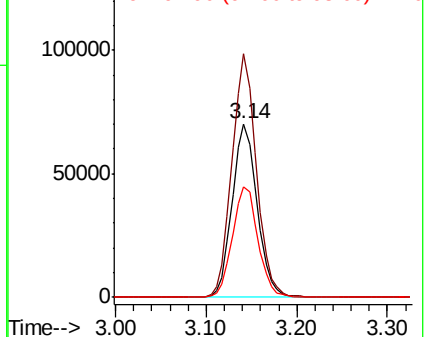
98 64.1 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.251 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Tgt Ion: 45 Resp: 427144

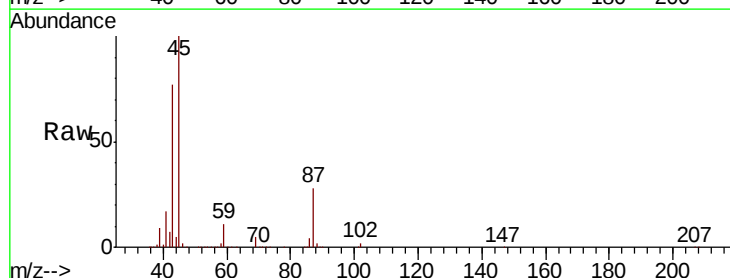
Ion Ratio Lower Upper

45 100

43 77.2 58.6 88.0

87 28.1 22.6 34.0

59 11.3 8.7 13.1

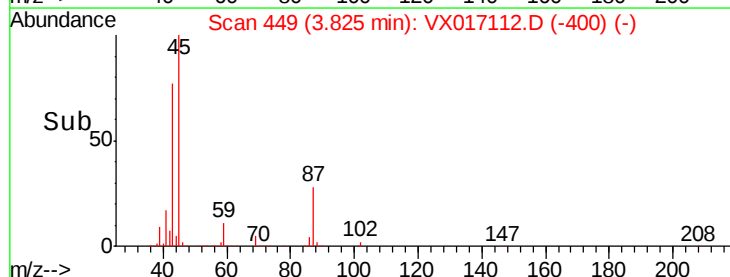
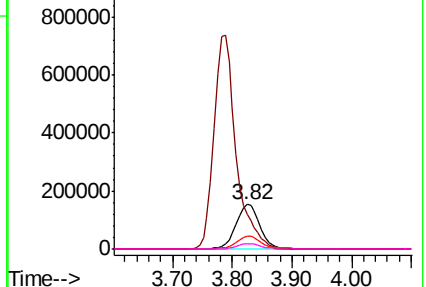


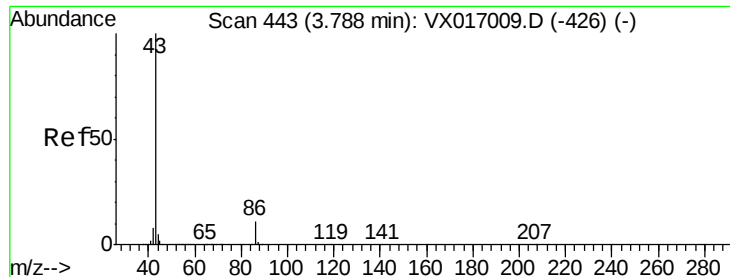
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 254.050 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

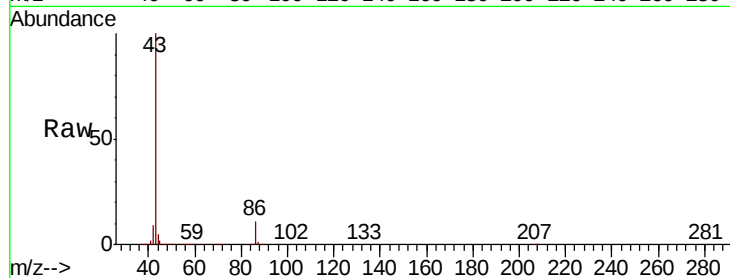
VSTDCCC050EC

Tot Ion: 43 Resp: 1893332

Ion Ratio Lower Upper

43 100

86 11.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

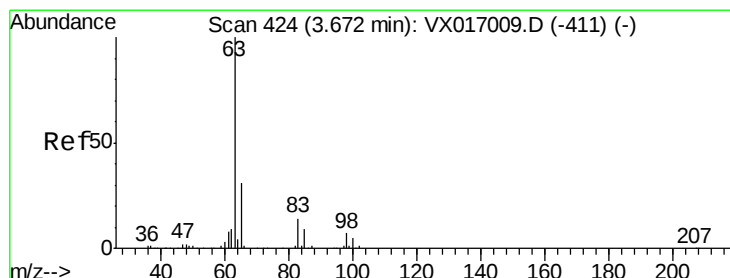
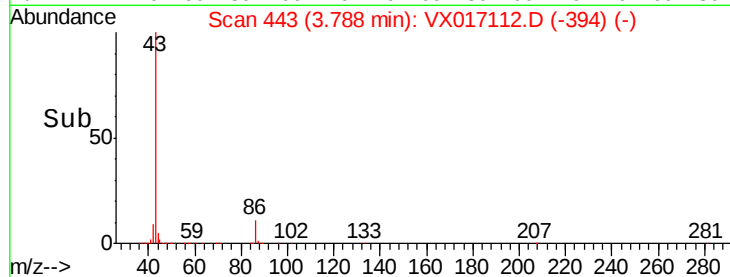
600000

400000

200000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 48.396 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

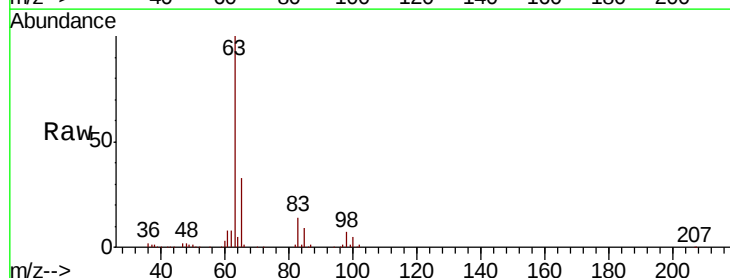
Tgt Ion: 63 Resp: 238823

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.8 2.4 7.1



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

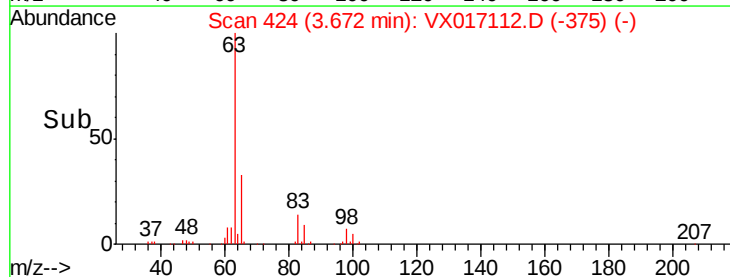
3.67

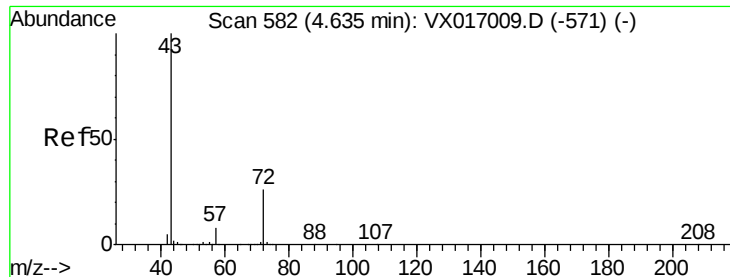
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 244.682 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

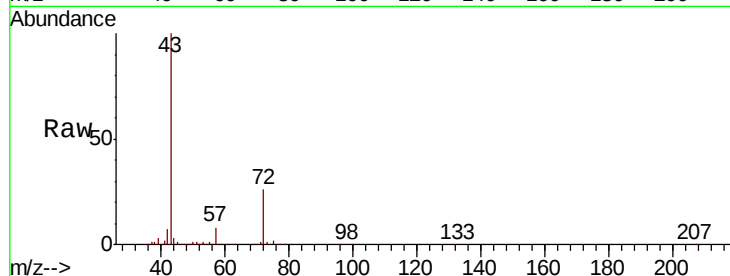
VSTDCCC050EC

Tot Ion: 43 Resp: 481870

Ion Ratio Lower Upper

43 100

72 25.9 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

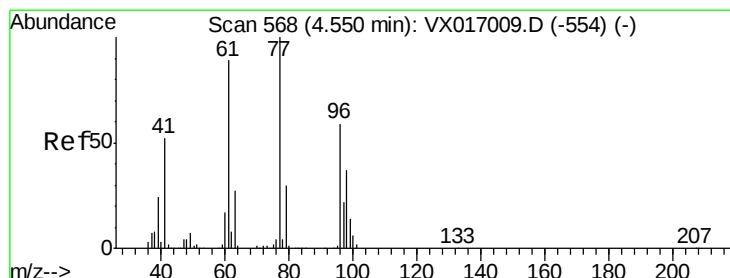
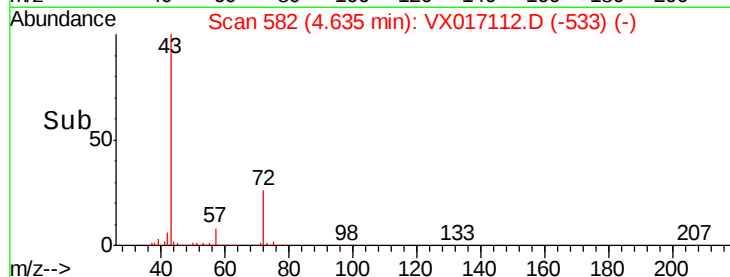
50000

0

4.64

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 43.602 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017112.D

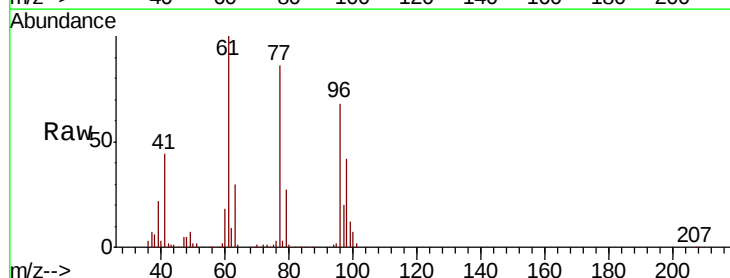
Acq: 01 Jul 2020 20:34

Tgt Ion: 77 Resp: 191049

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

40000

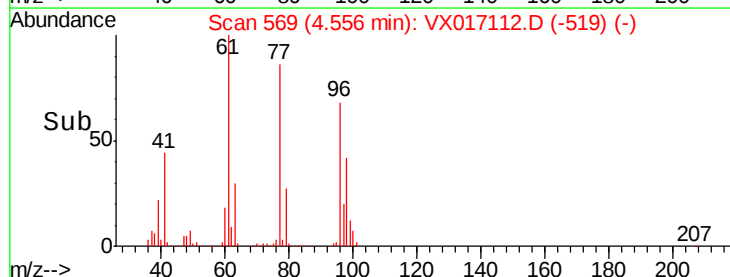
20000

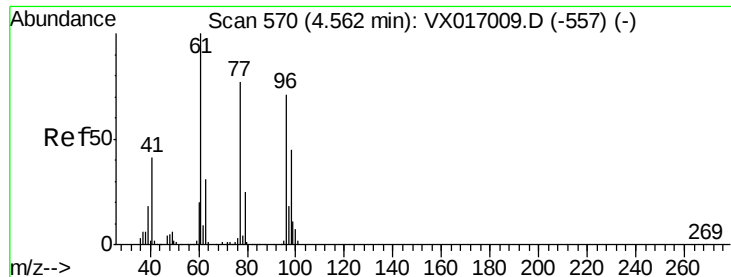
0

4.56

4.40 4.50 4.60 4.70

Time-->



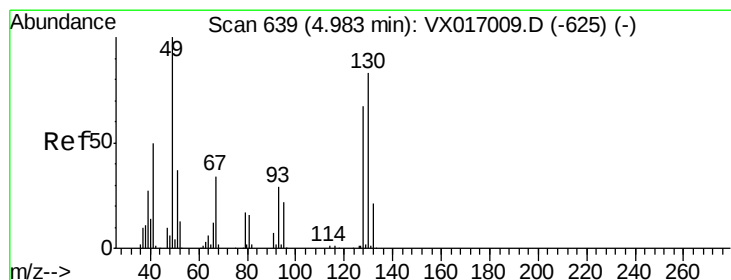
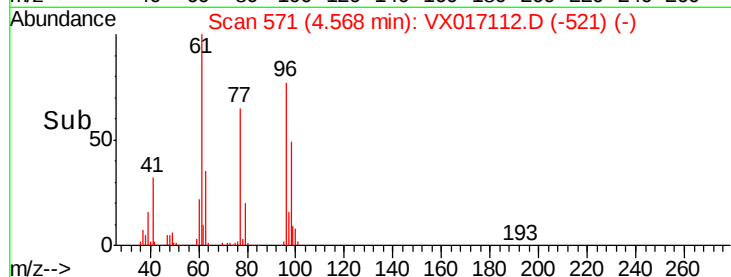
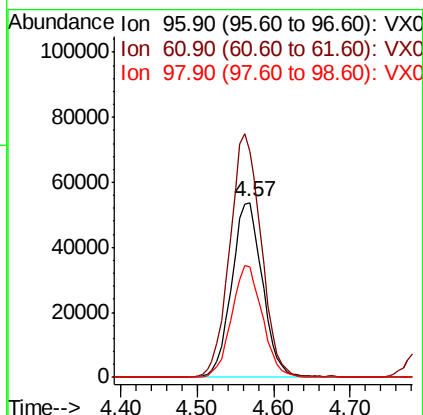
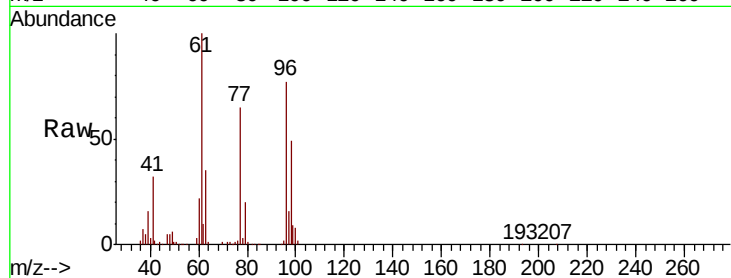


#27

cis-1,2-Dichloroethene
Concen: 47.071 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

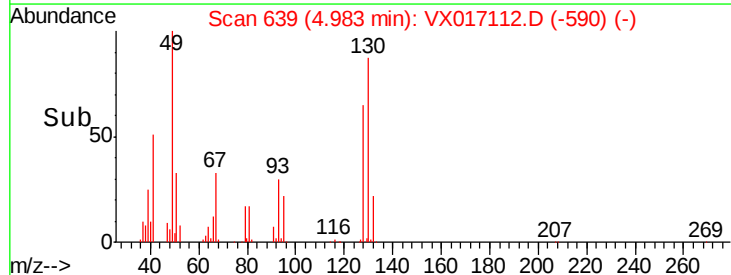
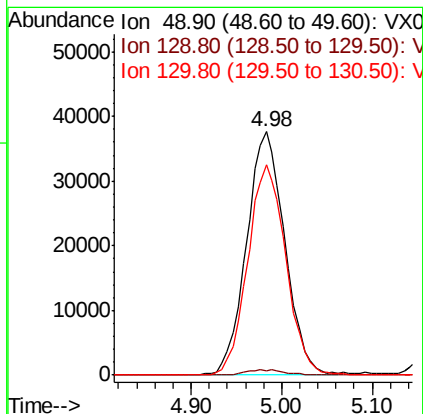
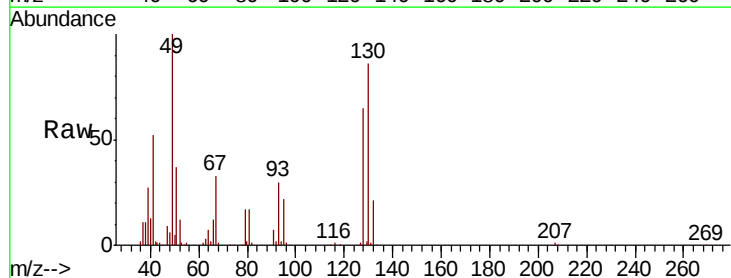
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	282.8
98	64.0	0.0	127.6

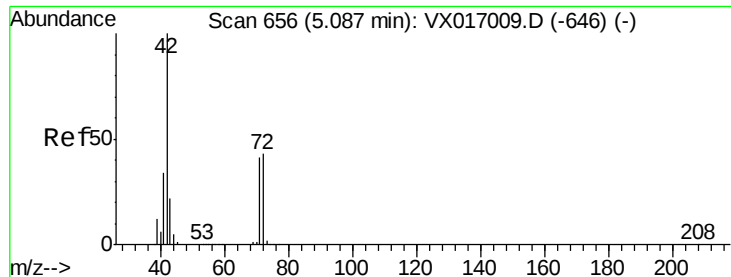


#28

Bromochloromethane
Concen: 45.706 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	86.0	66.6	100.0





#29

Tetrahydrofuran

Concen: 246.416 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

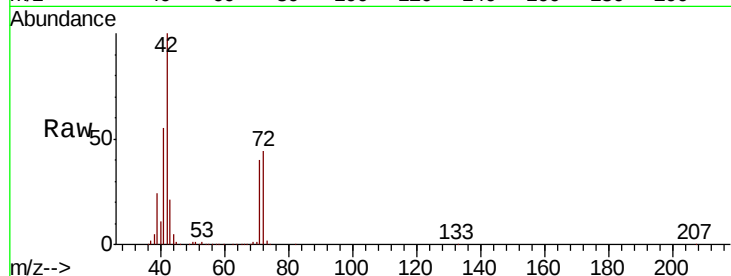
Tot Ion: 42 Resp: 320638

Ion Ratio Lower Upper

42 100

72 44.6 35.3 52.9

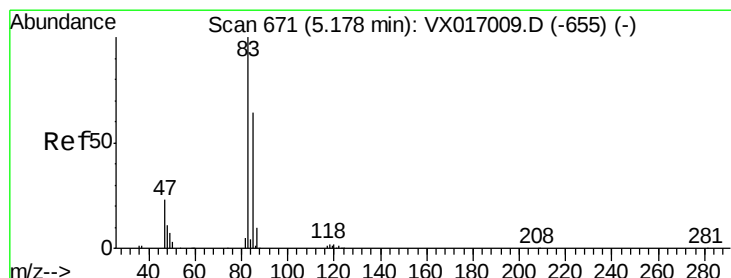
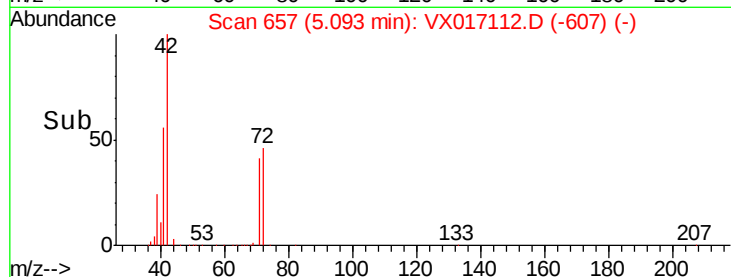
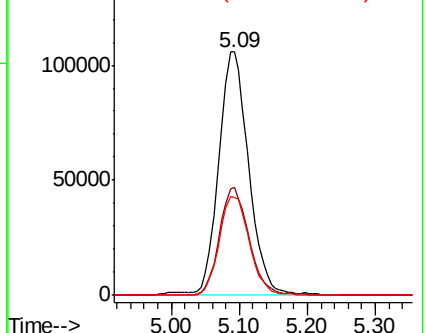
71 41.4 33.1 49.7



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: 49.009 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017112.D

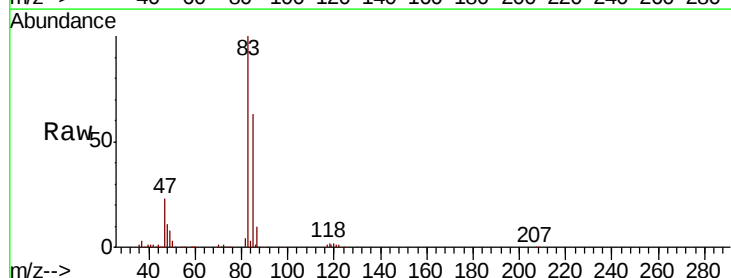
Acq: 01 Jul 2020 20:34

Tgt Ion: 83 Resp: 247921

Ion Ratio Lower Upper

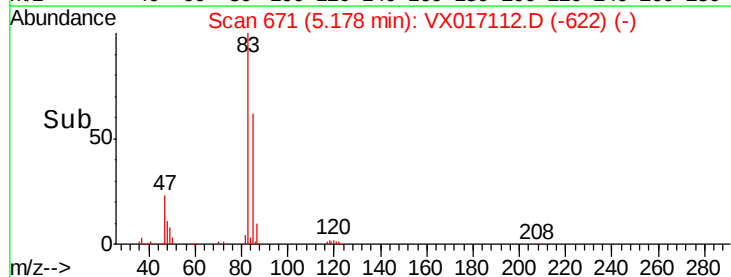
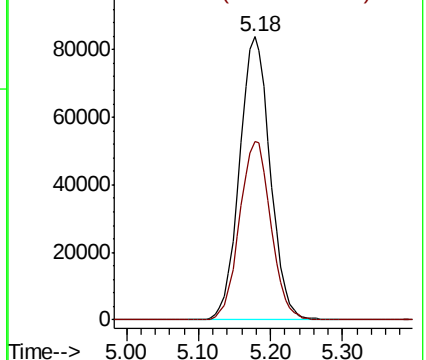
83 100

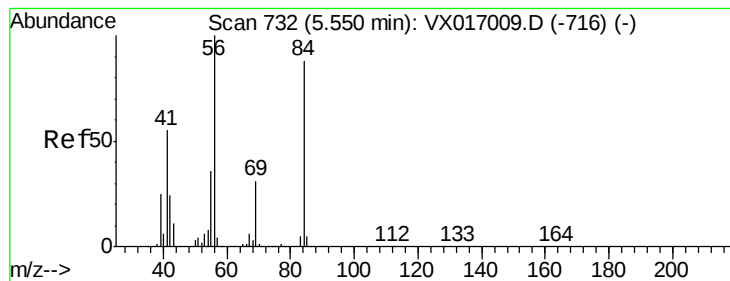
85 62.9 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.725 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

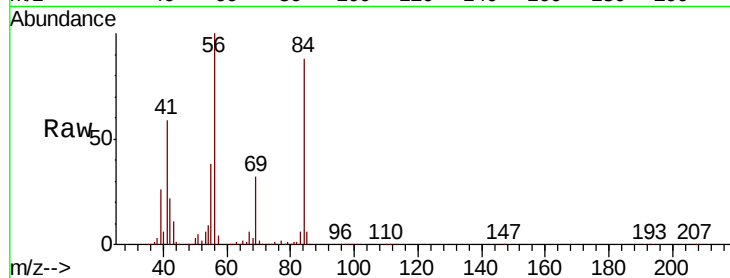
Tot Ion: 56 Resp: 203570

Ion Ratio Lower Upper

56 100

69 32.1 25.0 37.4

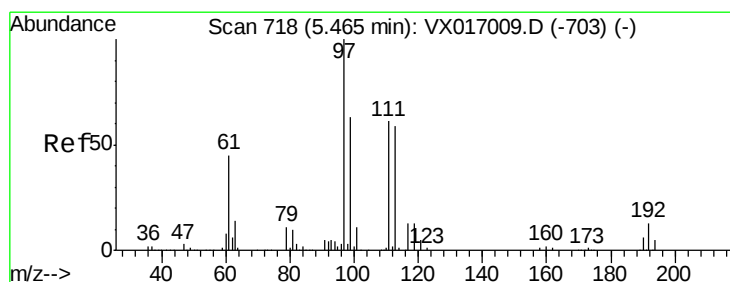
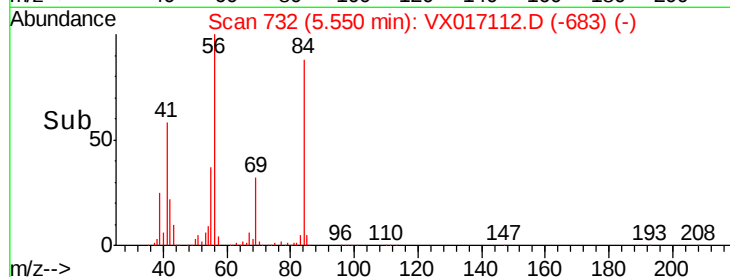
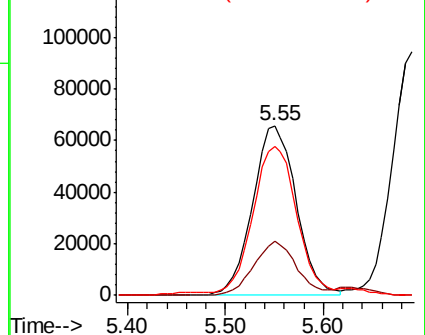
84 86.0 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.019 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

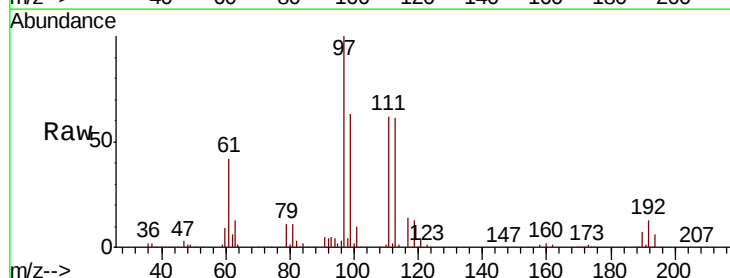
Tgt Ion: 97 Resp: 223710

Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

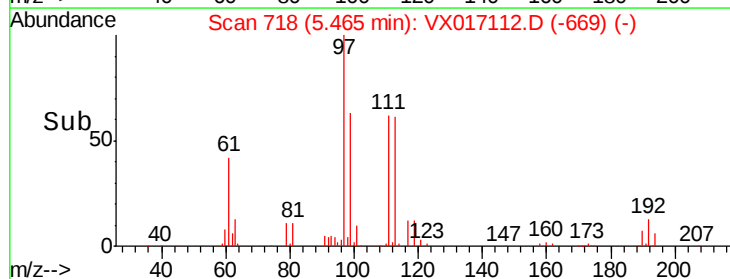
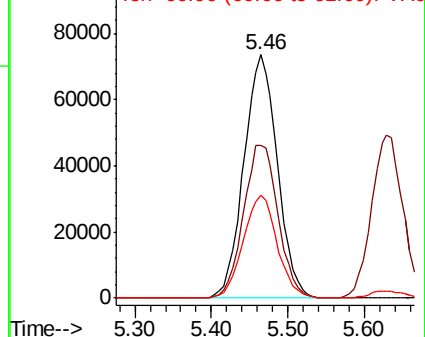
61 42.9 33.7 50.5

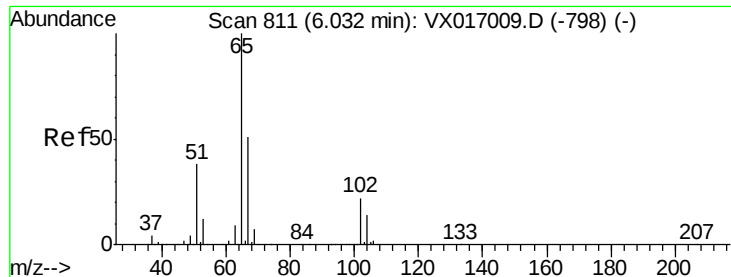


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.512 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

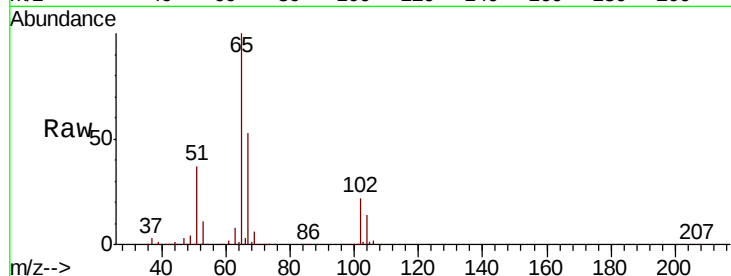
VSTDCCC050EC

Tot Ion: 65 Resp: 153270

Ion Ratio Lower Upper

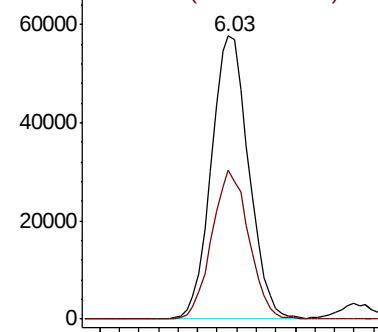
65 100

67 52.2 0.0 103.8

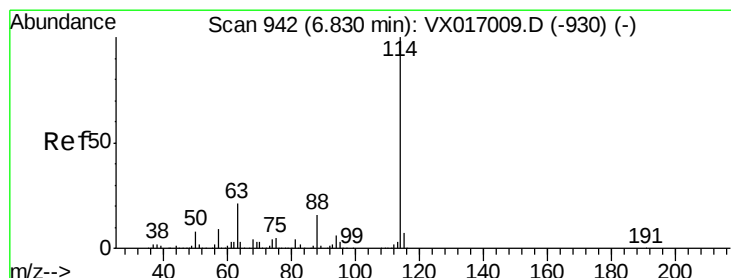
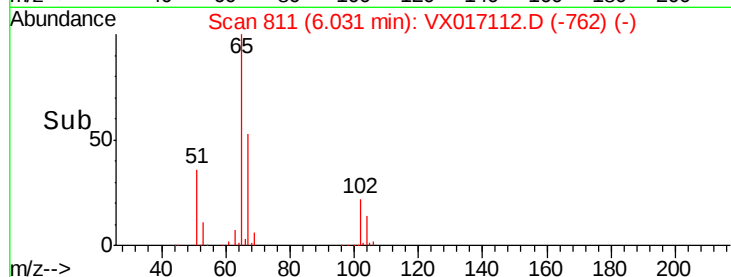


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

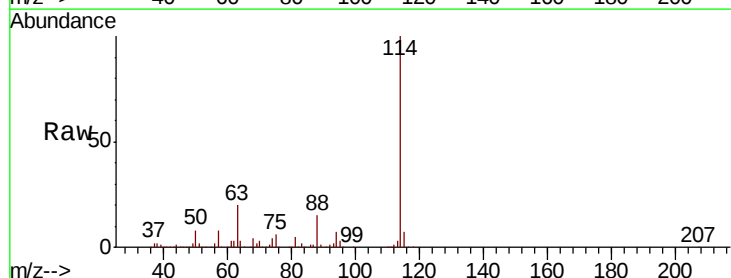
Tgt Ion: 114 Resp: 396206

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

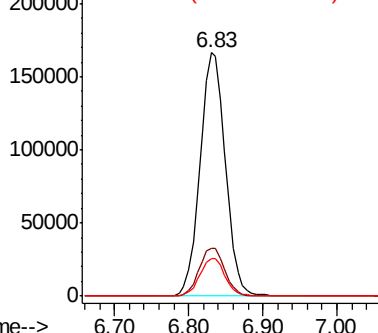
88 15.2 0.0 32.4



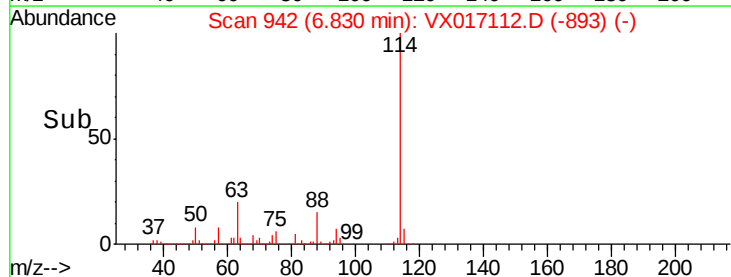
Abundance Ion 113.90 (113.60 to 114.60): V

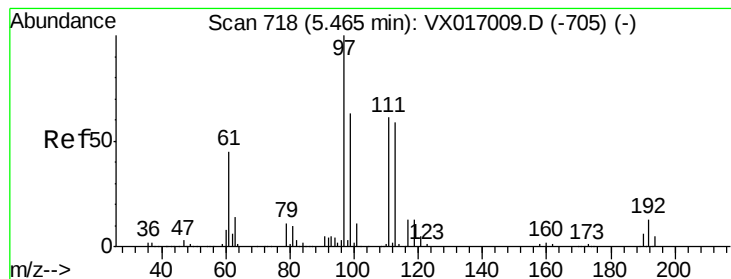
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.620 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

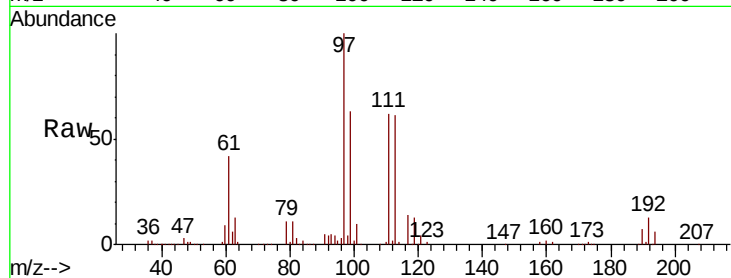
Tot Ion:113 Resp: 126867

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

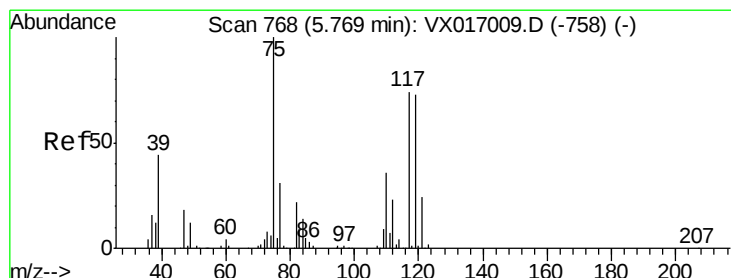
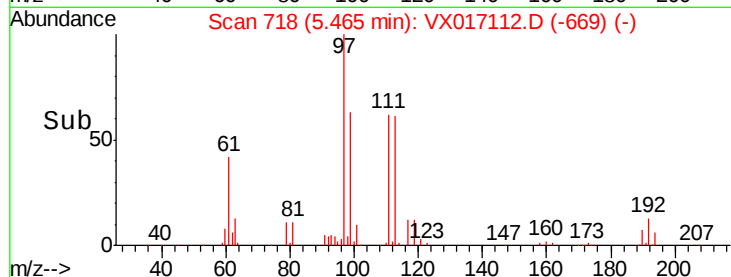
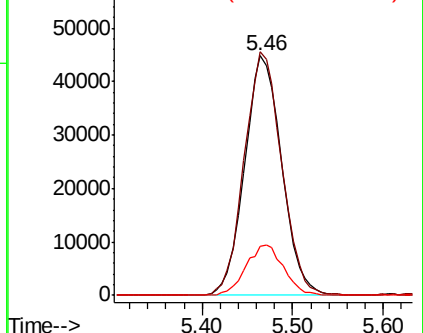
192 21.4 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.378 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

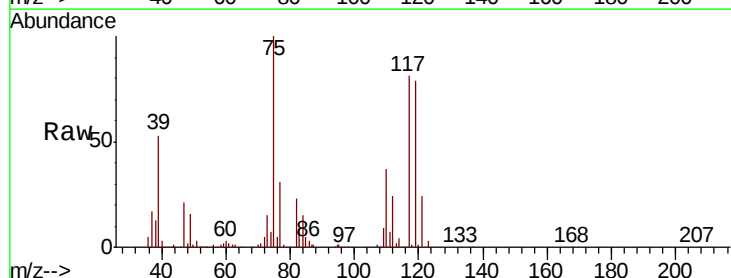
Tgt Ion: 75 Resp: 181156

Ion Ratio Lower Upper

75 100

110 36.8 18.1 54.1

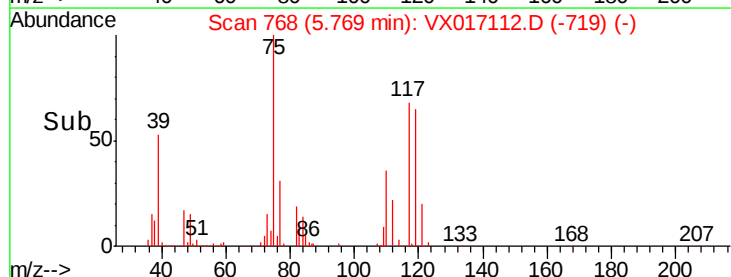
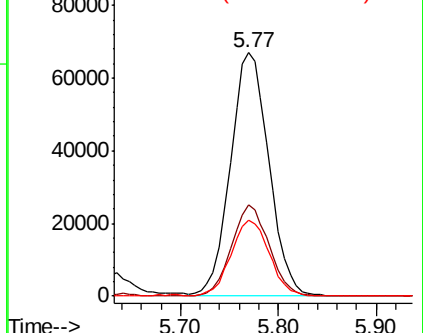
77 31.6 24.6 37.0

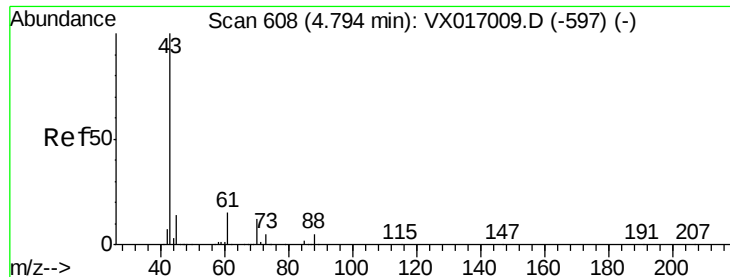


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

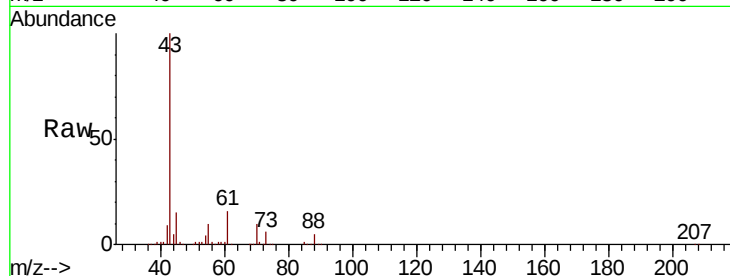




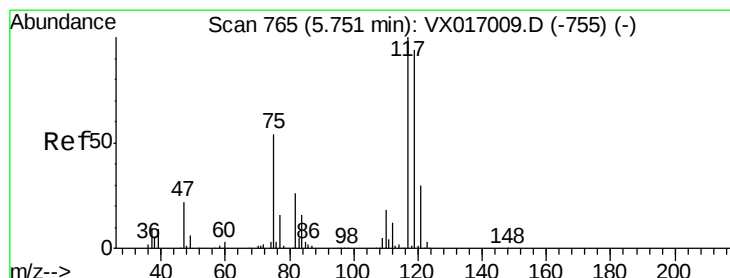
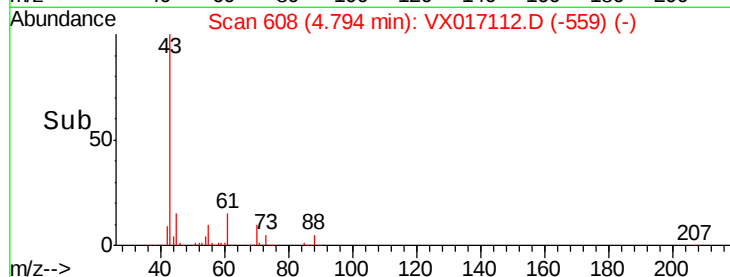
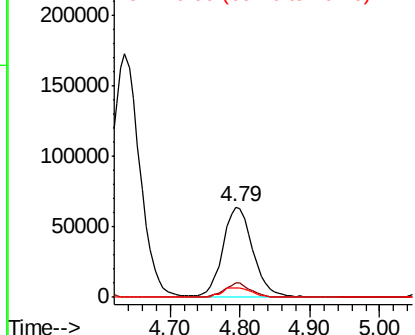
#37
Ethyl Acetate
Concen: 50.060 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.0	16.4
70	11.2	8.9	13.3

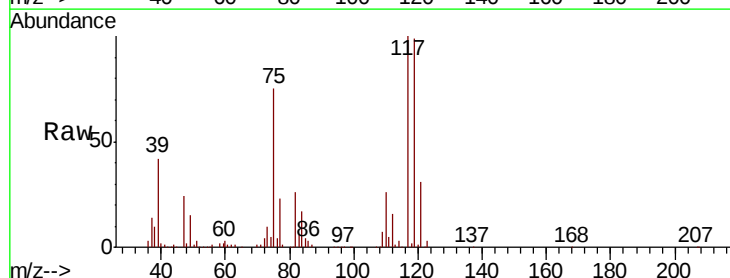


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

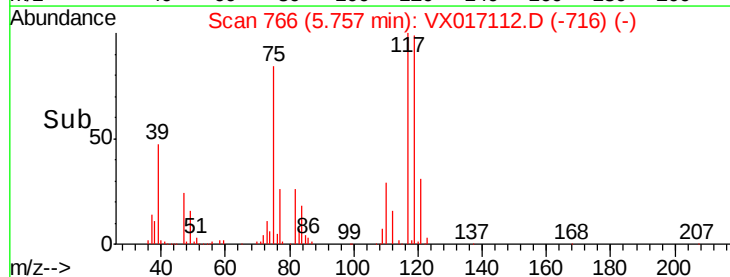
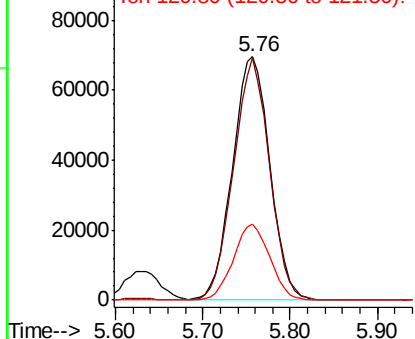


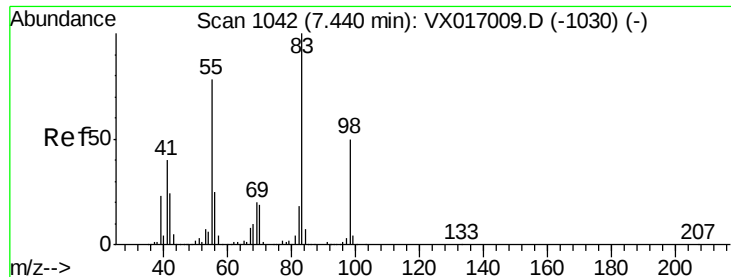
#38
Carbon Tetrachloride
Concen: 50.158 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	75.4	113.0
121	31.4	23.8	35.6



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

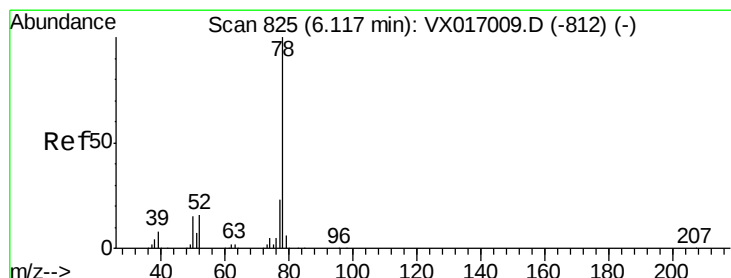
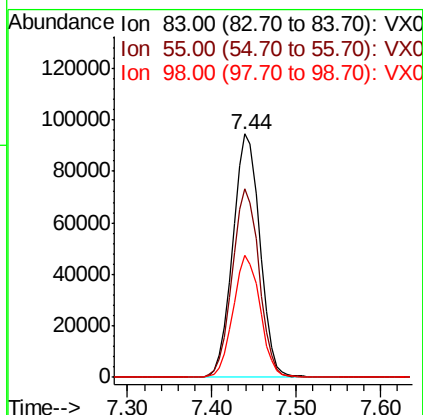
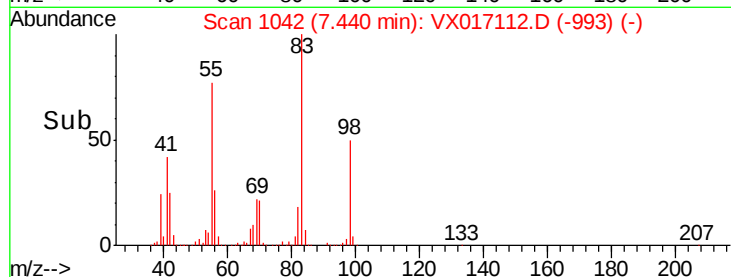
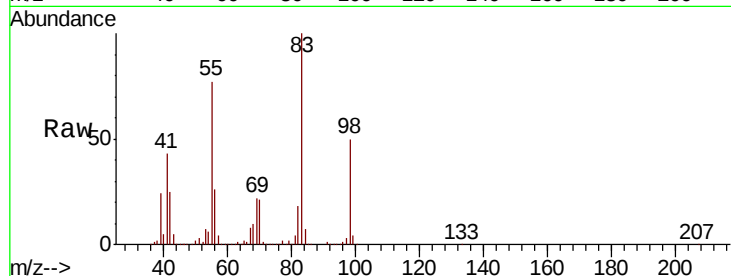




#39
Methvlcvclohexane
Concen: 49.226 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

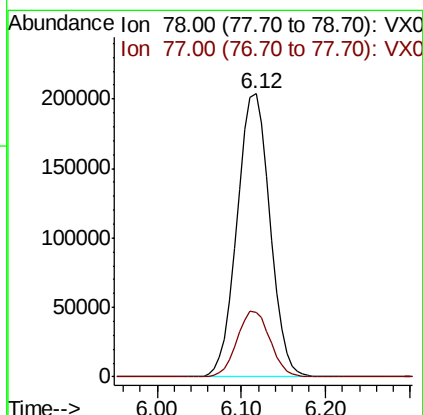
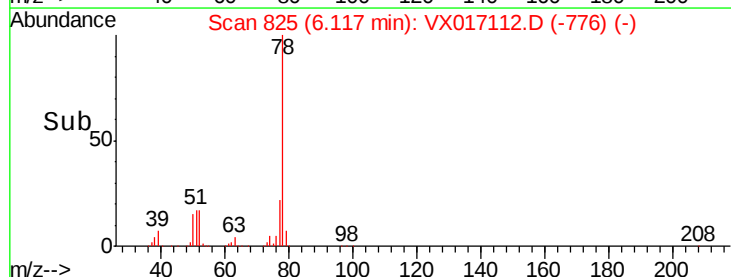
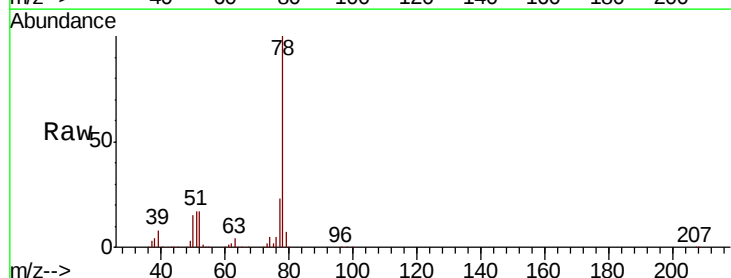
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

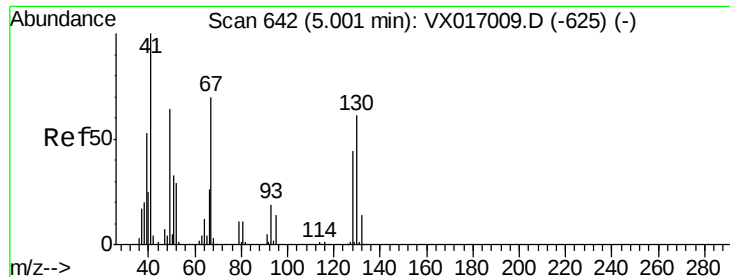
Tot Ion: 83 Resp: 205095
Ion Ratio Lower Upper
83 100
55 77.4 62.5 93.7
98 49.9 40.1 60.1



#40
Benzene
Concen: 48.809 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion: 78 Resp: 537017
Ion Ratio Lower Upper
78 100
77 23.0 18.3 27.5

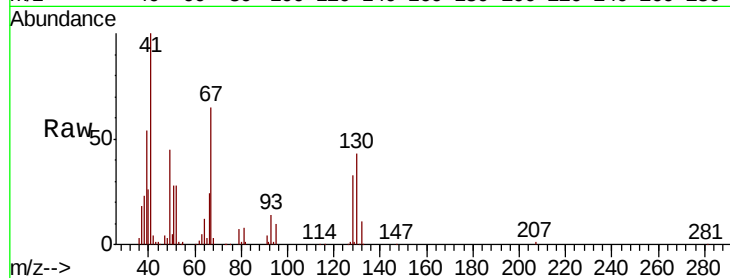




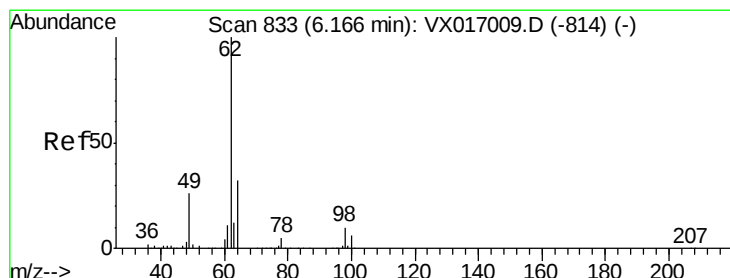
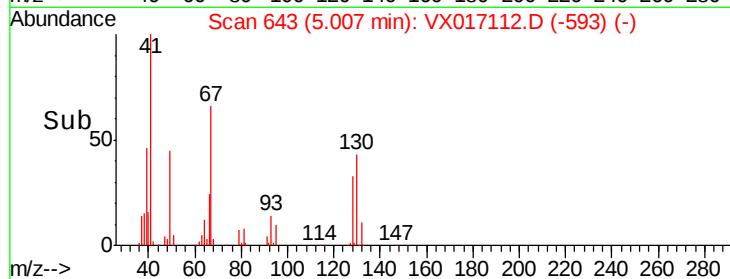
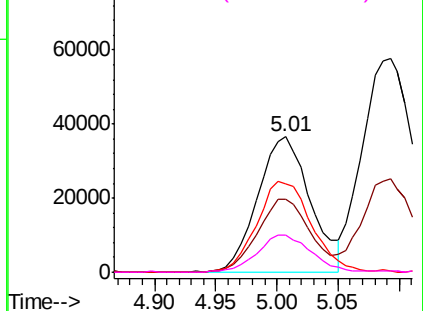
#41
Methacrylonitrile
Concen: 51.169 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	109417
Ion	Ratio	Lower	Upper
41	100		
39	53.4	44.4	66.6
67	69.7	57.1	85.7
52	28.0	23.2	34.8

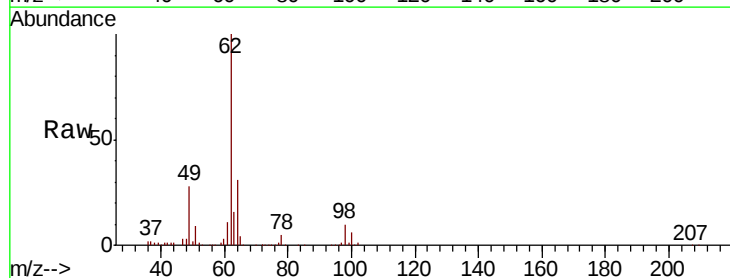


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

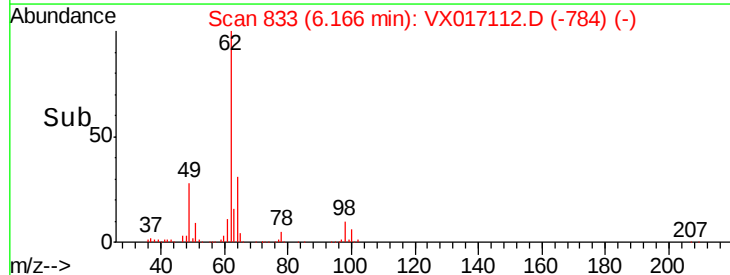
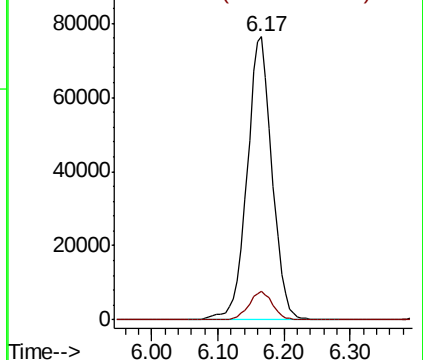


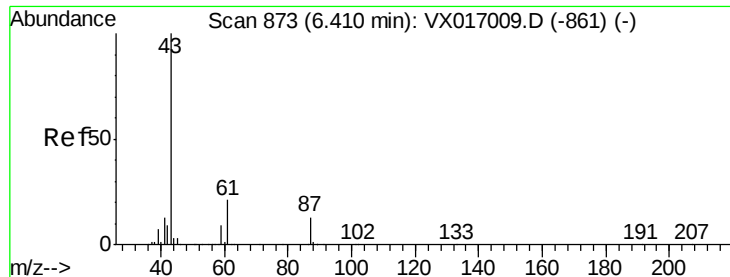
#42
1,2-Dichloroethane
Concen: 50.524 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion:	62	Resp:	200789
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2



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



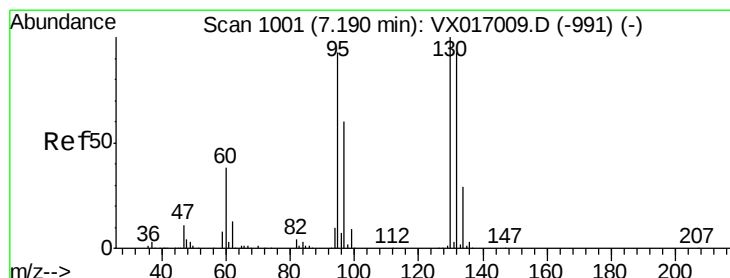
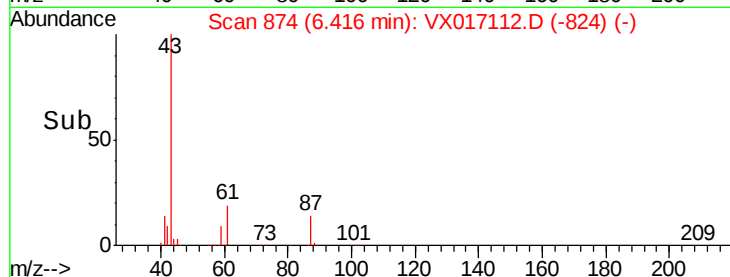
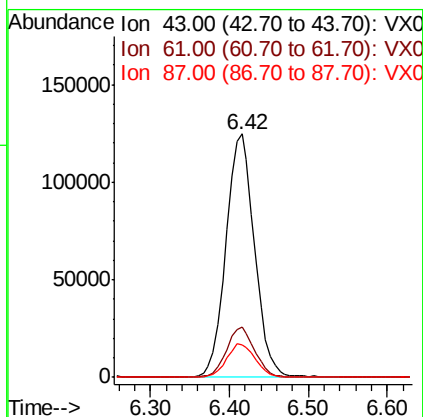
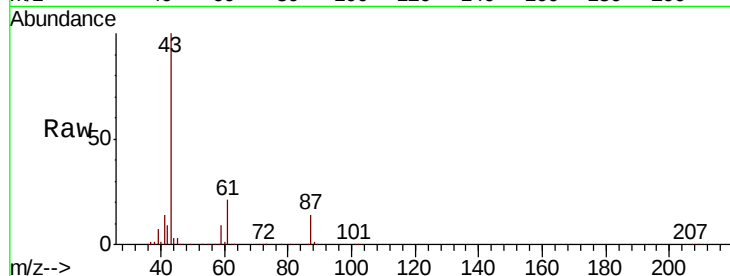


#43

Isopropyl Acetate
 Concen: 49.350 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

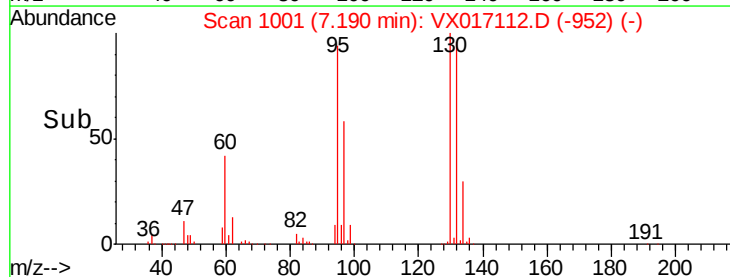
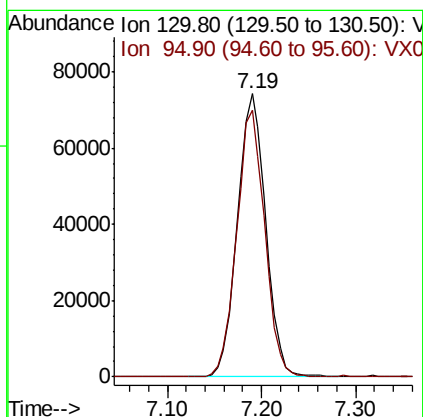
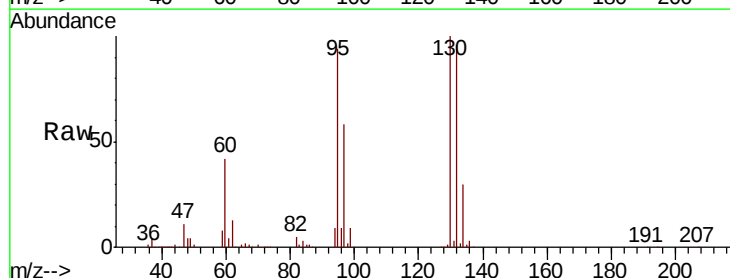
Tot Ion: 43 Resp: 311568
 Ion Ratio Lower Upper
 43 100
 61 20.5 16.2 24.2
 87 13.9 10.7 16.1



#44

Trichloroethene
 Concen: 51.277 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion: 130 Resp: 155658
 Ion Ratio Lower Upper
 130 100
 95 94.2 0.0 185.0

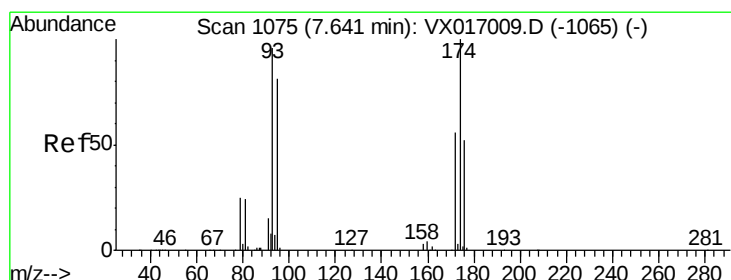
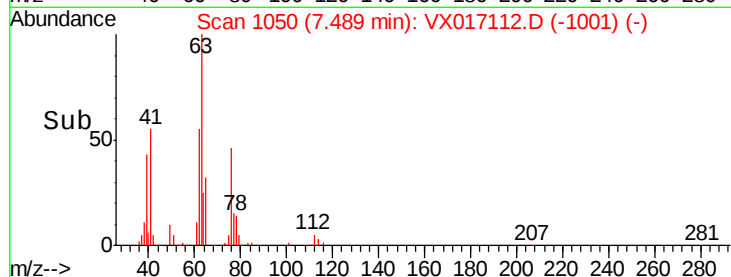
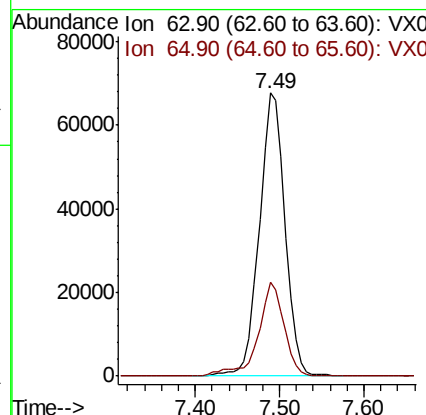
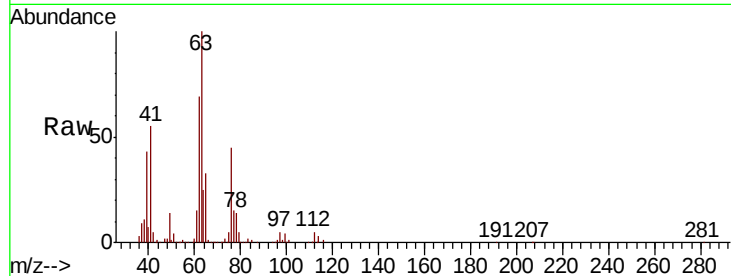




#45
 1,2-Dichloropropane
 Concen: 49.768 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

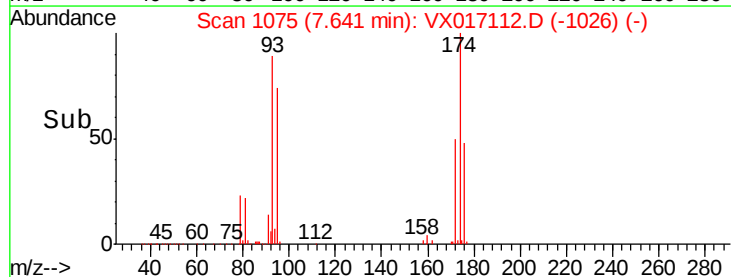
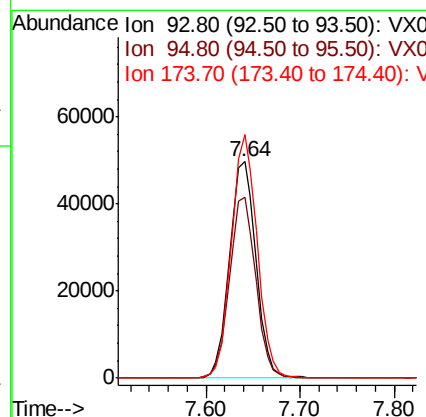
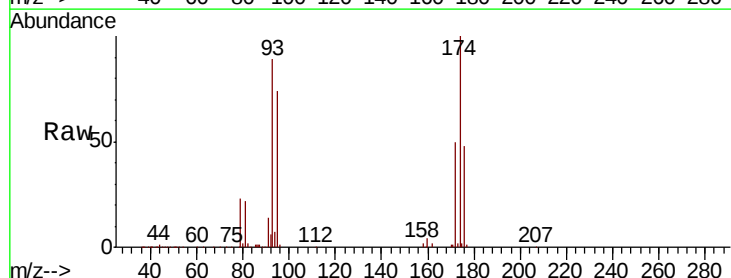
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

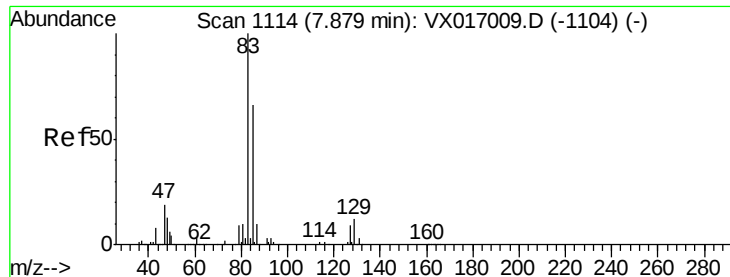
Tot Ion: 63 Resp: 140638
 Ion Ratio Lower Upper
 63 100
 65 33.2 24.6 36.8



#46
 Dibromomethane
 Concen: 50.209 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion: 93 Resp: 96867
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.4 101.0
 174 109.9 84.3 126.5





#47

Bromodichloromethane

Concen: 50.505 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

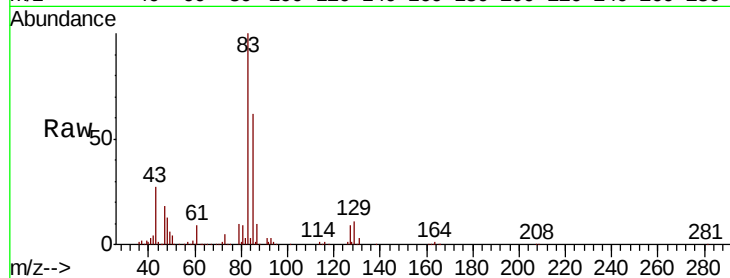
Tot Ion: 83 Resp: 200803

Ion Ratio Lower Upper

83 100

85 61.7 53.0 79.4

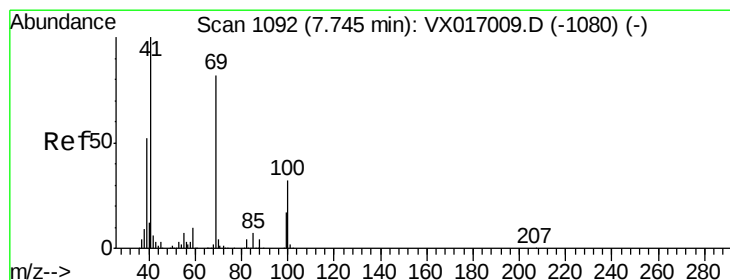
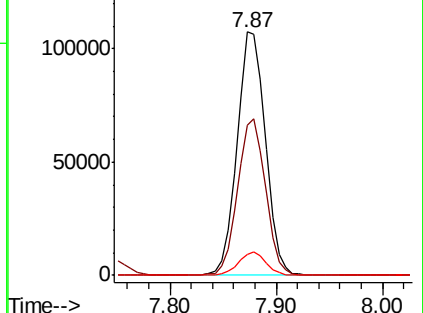
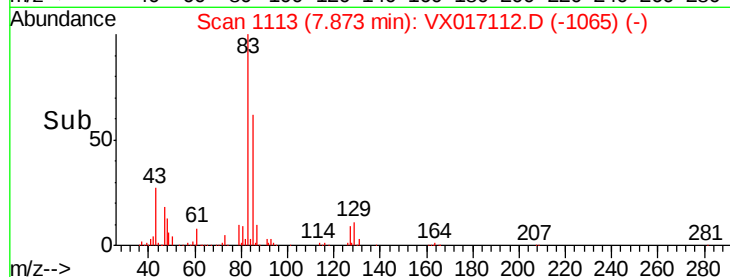
127 8.7 7.5 11.3



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: 52.048 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

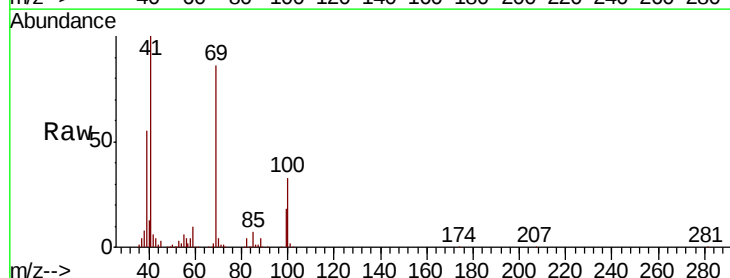
Tgt Ion: 41 Resp: 156117

Ion Ratio Lower Upper

41 100

69 84.5 65.8 98.8

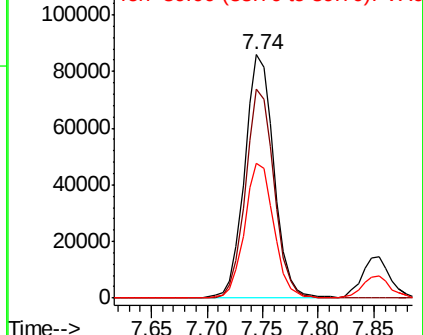
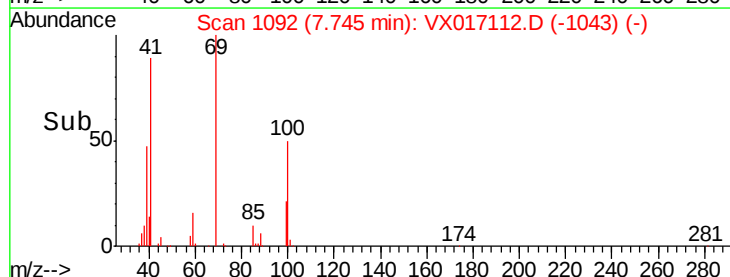
39 55.7 42.5 63.7

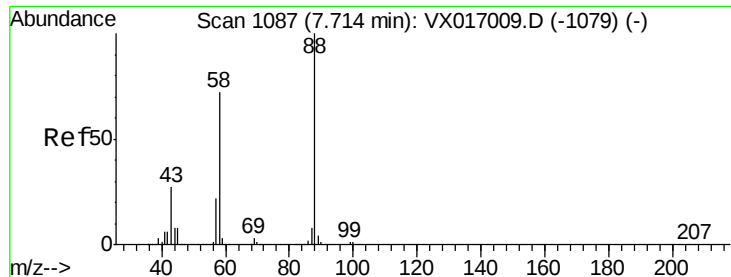


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 963.269 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

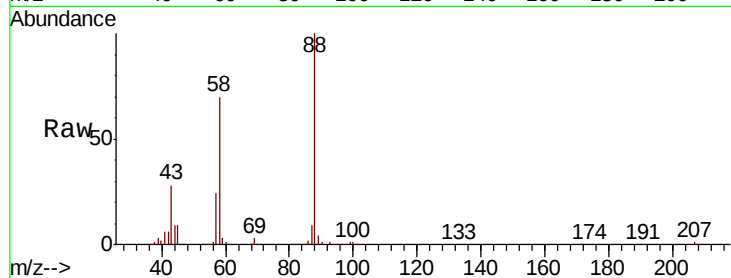
Tot Ion: 88 Resp: 65456

Ion Ratio Lower Upper

88 100

43 31.4 25.8 38.8

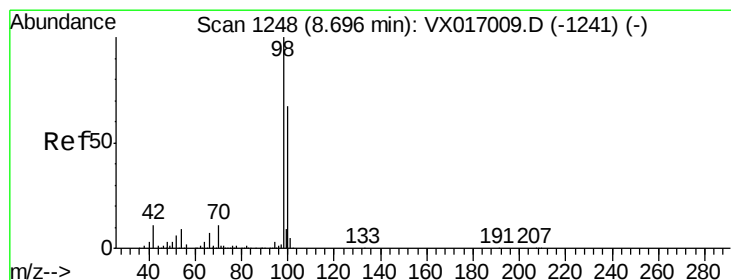
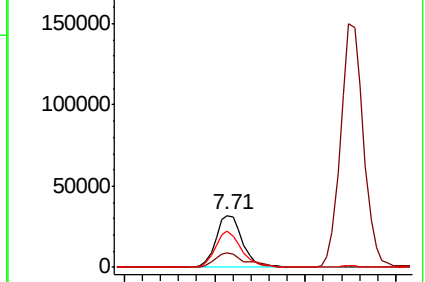
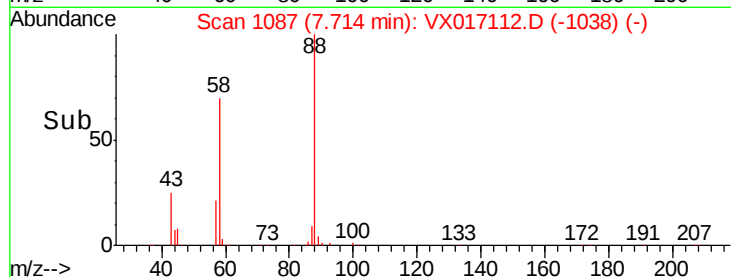
58 68.8 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.954 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017112.D

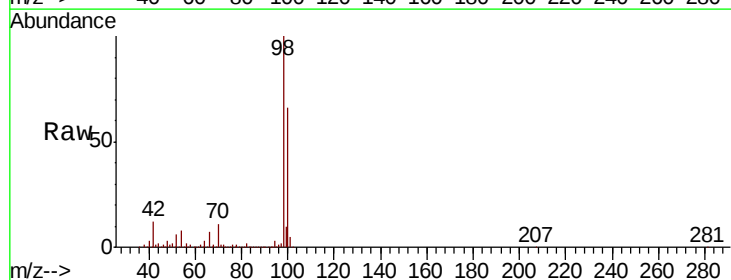
Acq: 01 Jul 2020 20:34

Tgt Ion: 98 Resp: 462961

Ion Ratio Lower Upper

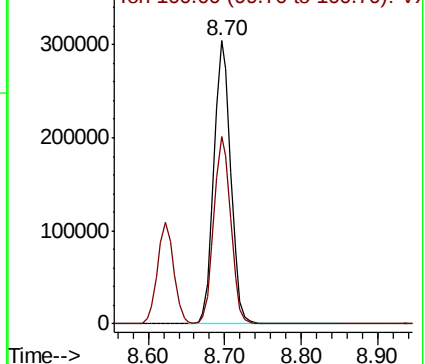
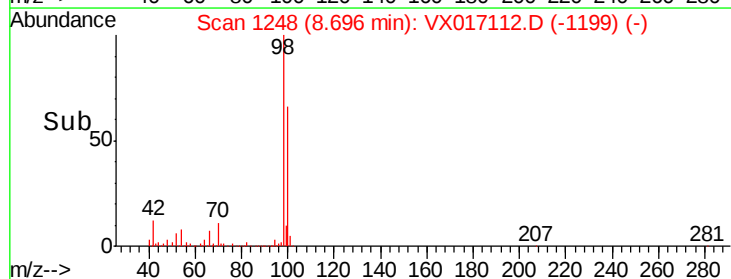
98 100

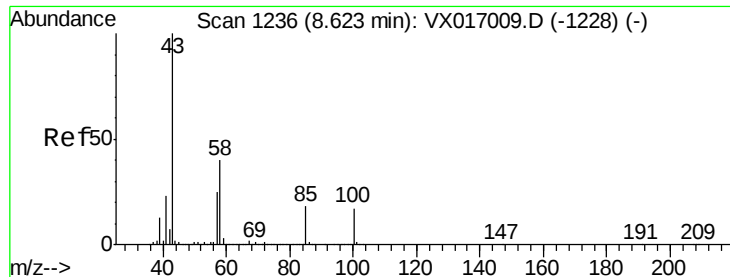
100 66.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

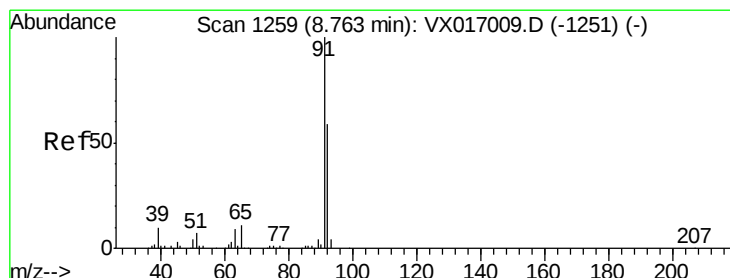
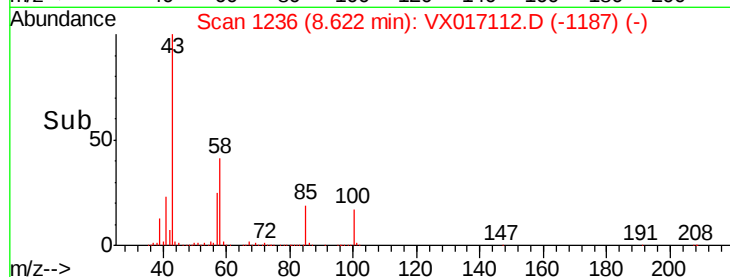
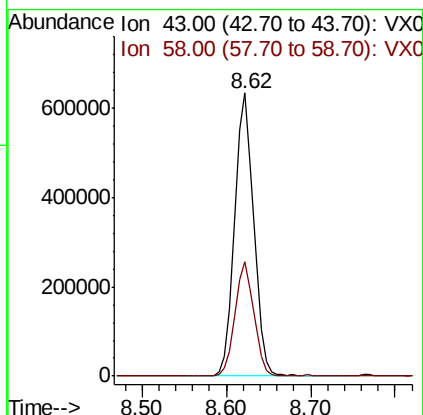
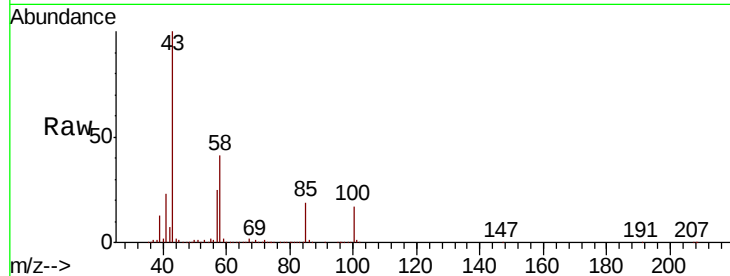




#51
 4-Methyl-2-Pentanone
 Concen: 258.019 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

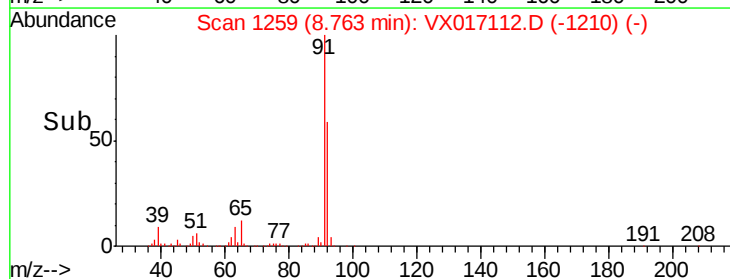
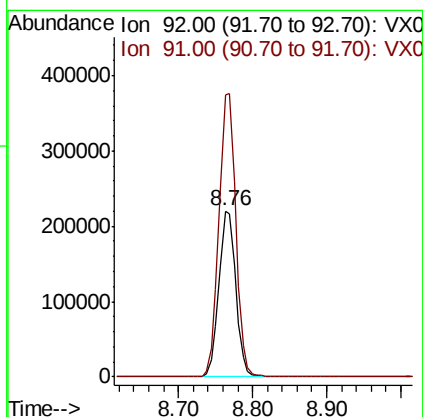
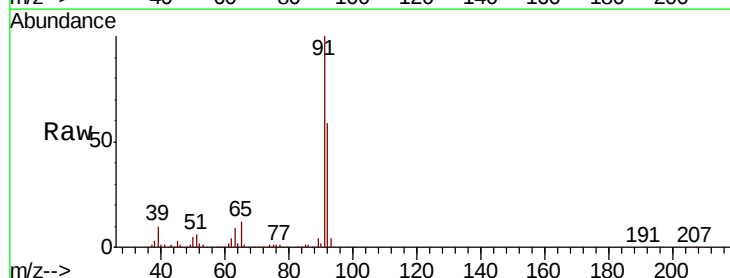
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

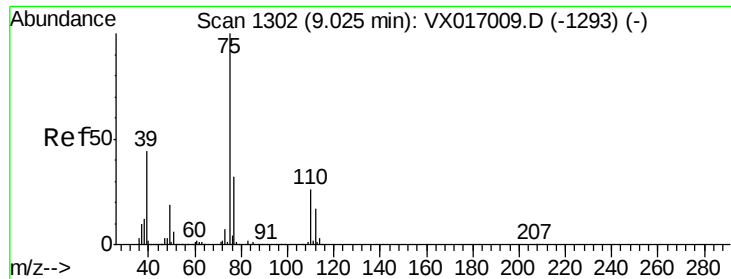
Tot Ion: 43 Resp: 971028
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.9 47.9



#52
 Toluene
 Concen: 50.090 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion: 92 Resp: 344083
 Ion Ratio Lower Upper
 92 100
 91 171.2 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 50.055 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

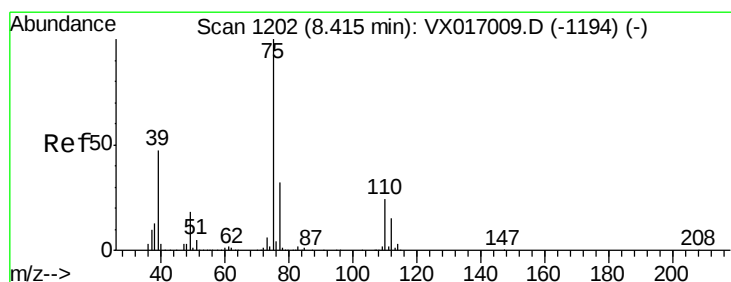
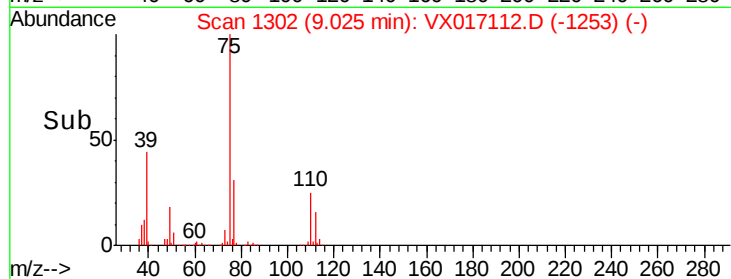
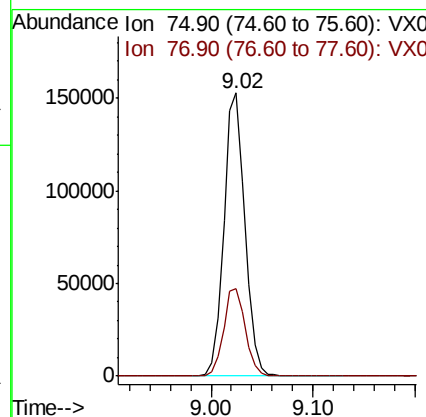
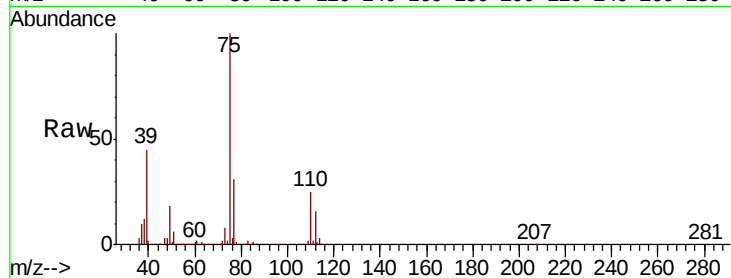
VSTDCCC050EC

Tot Ion: 75 Resp: 219580

Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 49.072 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

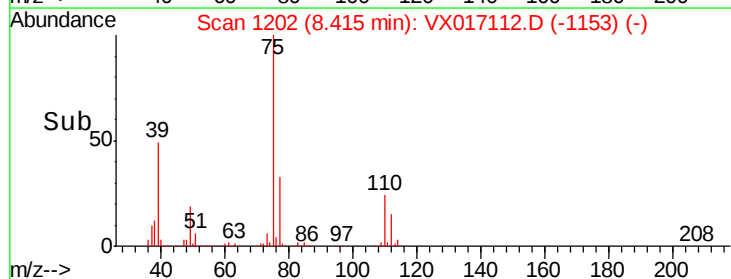
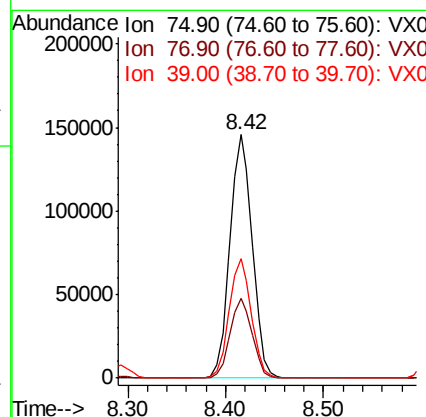
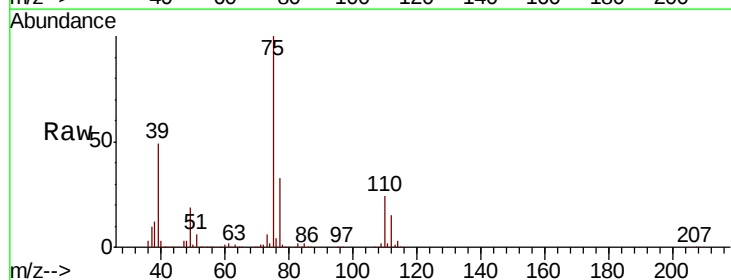
Tgt Ion: 75 Resp: 230763

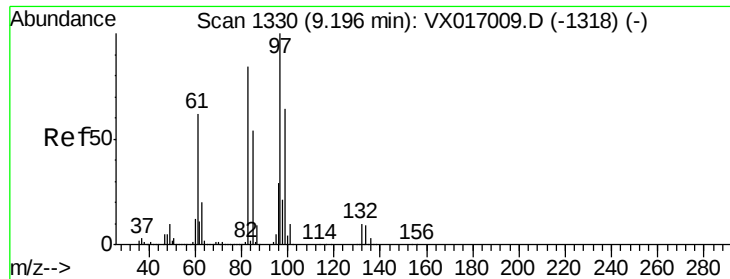
Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8

39 48.8 37.4 56.2

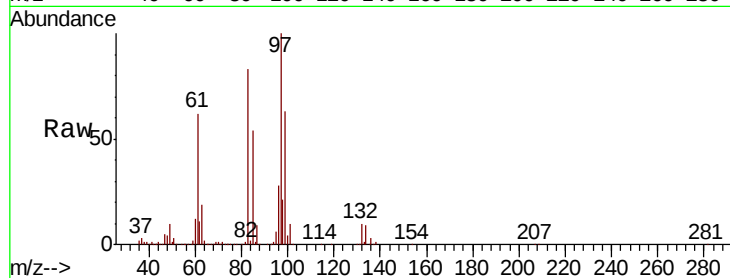




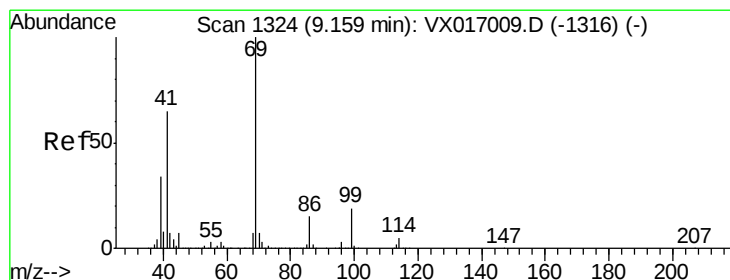
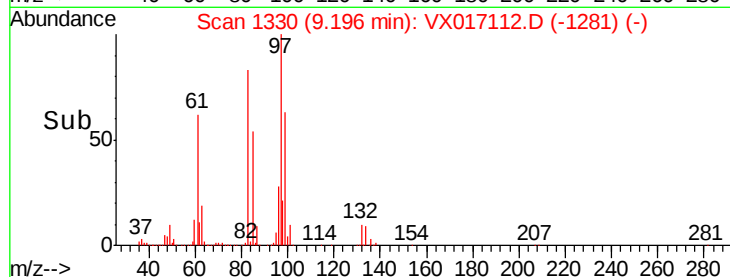
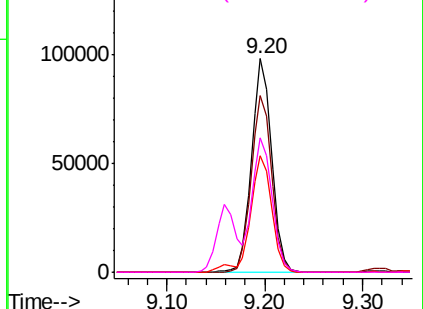
#55
 1,1,2-Trichloroethane
 Concen: 50.060 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 140497
 Ion Ratio Lower Upper
 97 100
 83 82.7 67.0 100.6
 85 54.3 43.5 65.3
 99 63.1 51.0 76.6

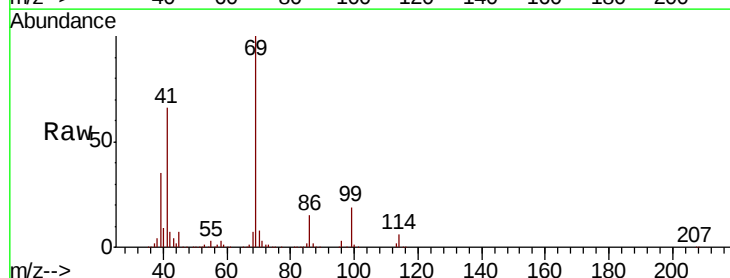


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

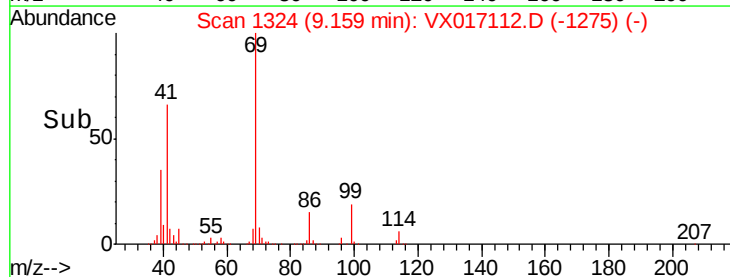
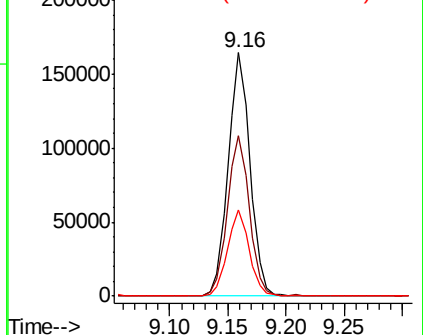


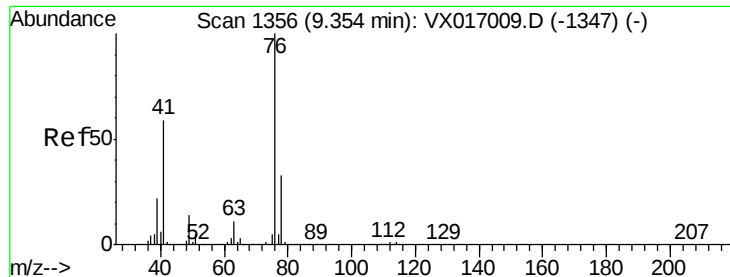
#56
 Ethyl methacrylate
 Concen: 53.817 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion: 69 Resp: 214982
 Ion Ratio Lower Upper
 69 100
 41 66.0 53.6 80.4
 39 35.0 28.2 42.2



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: 50.012 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

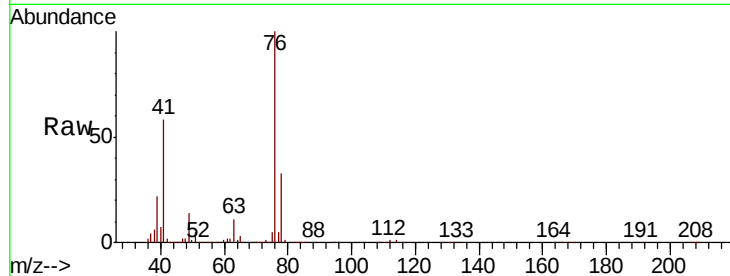
VSTDCCC050EC

Tot Ion: 76 Resp: 237506

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

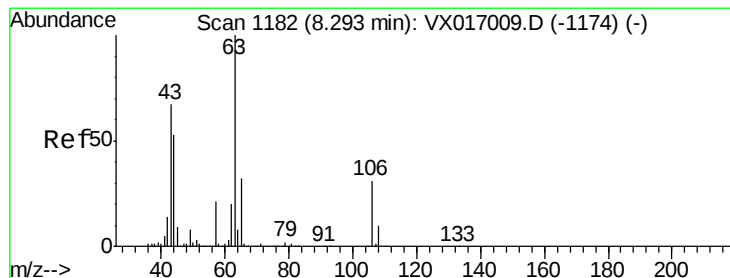
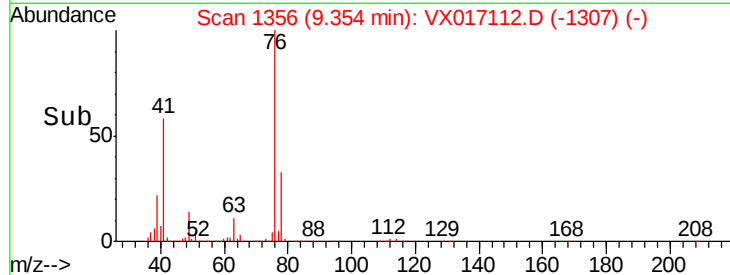
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 284.232 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017112.D

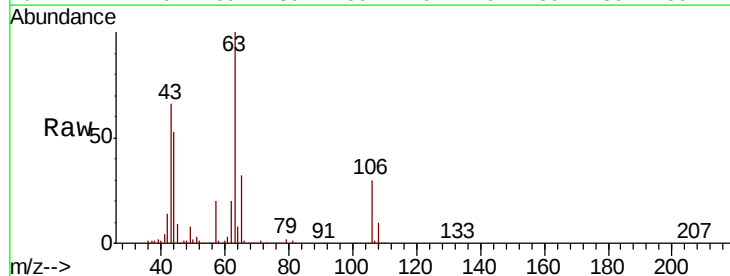
Acq: 01 Jul 2020 20:34

Tgt Ion: 63 Resp: 565085

Ion Ratio Lower Upper

63 100

106 30.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

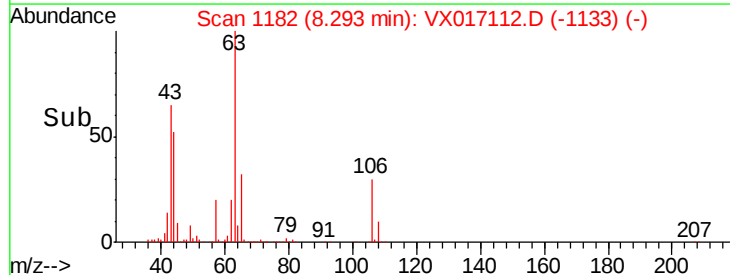
300000

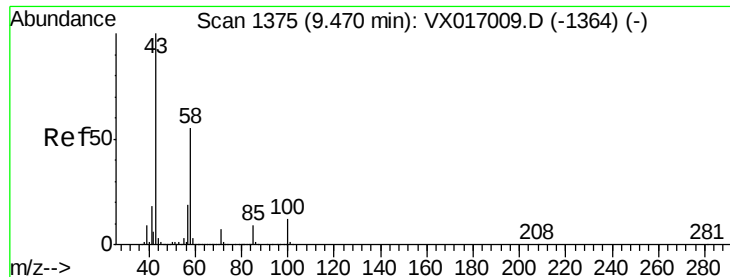
200000

100000

0

Time--> 8.20 8.25 8.30 8.35 8.40

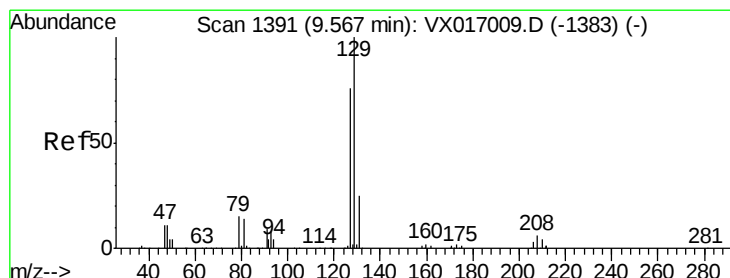
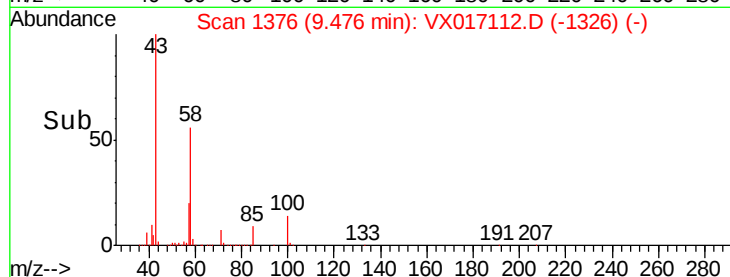
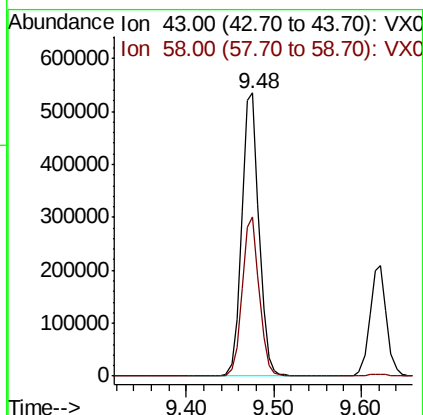
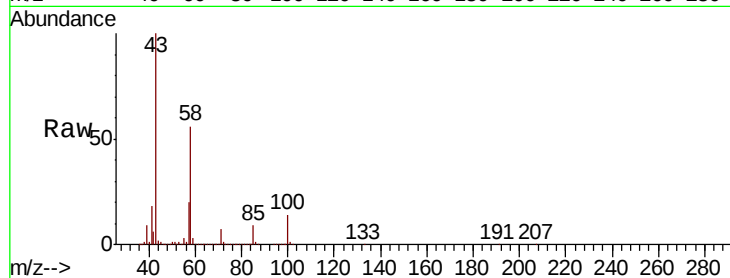




#59
2-Hexanone
Concen: 267.896 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

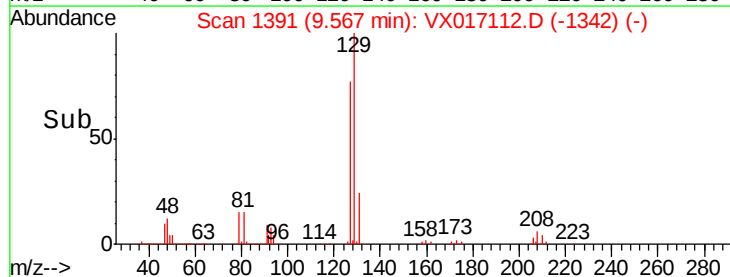
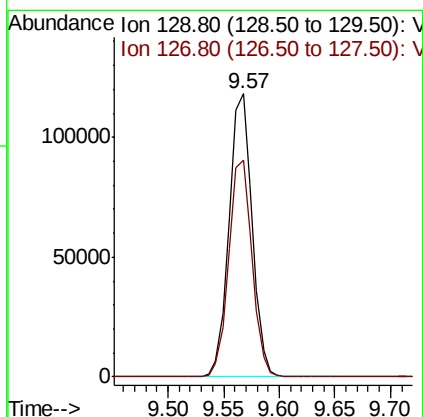
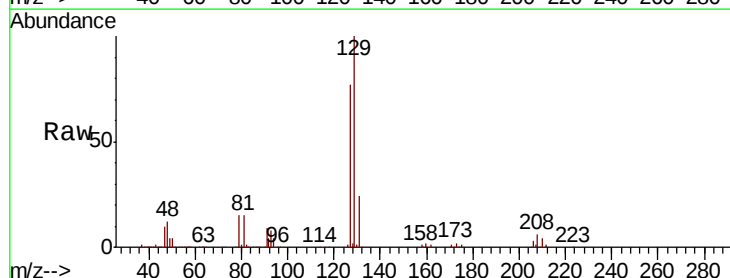
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

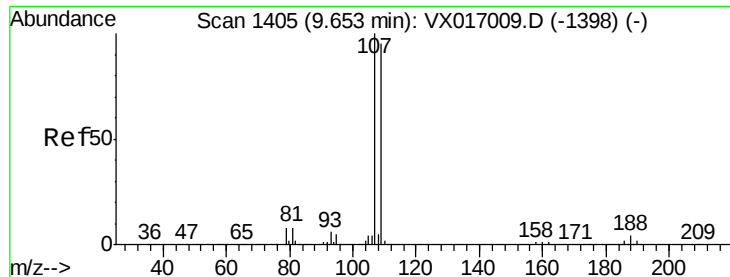
Tot Ion: 43 Resp: 736324
Ion Ratio Lower Upper
43 100
58 55.4 27.9 83.6



#60
Dibromochloromethane
Concen: 51.870 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion: 129 Resp: 169083
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.818 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

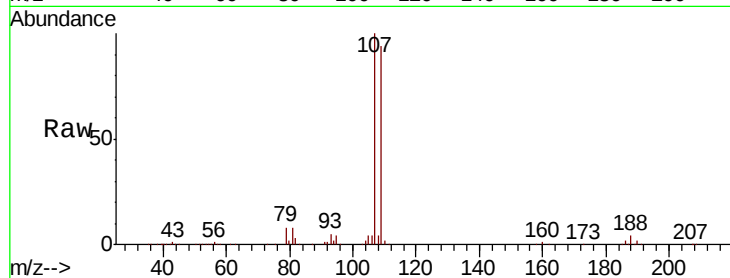
VSTDCCC050EC

Tot Ion:107 Resp: 153307

Ion Ratio Lower Upper

107 100

109 94.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

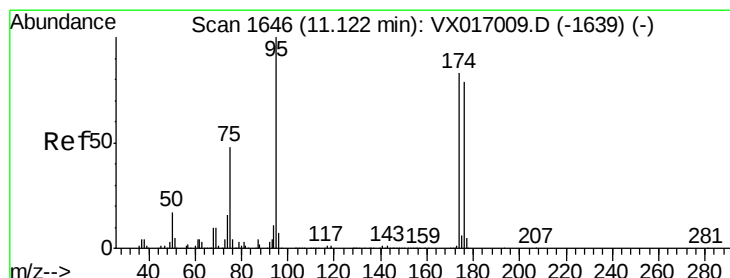
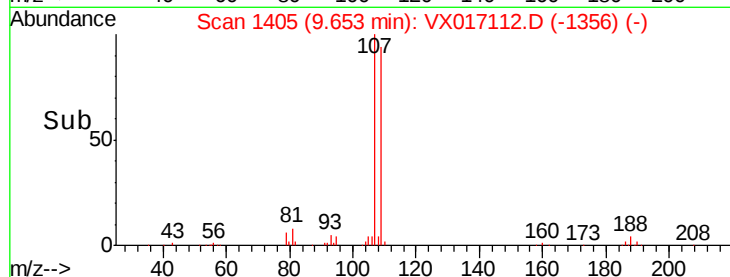
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 51.340 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

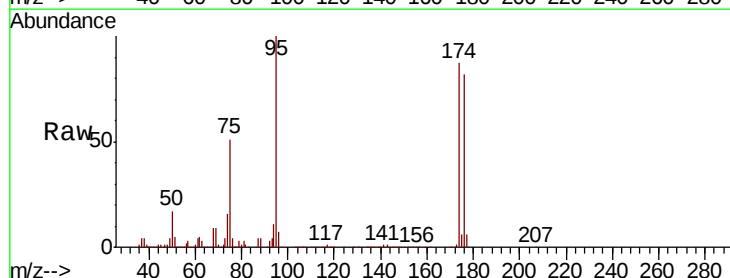
Tgt Ion: 95 Resp: 185996

Ion Ratio Lower Upper

95 100

174 85.4 0.0 164.0

176 80.6 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

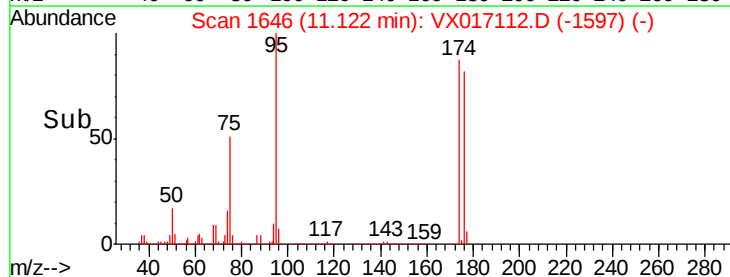
150000

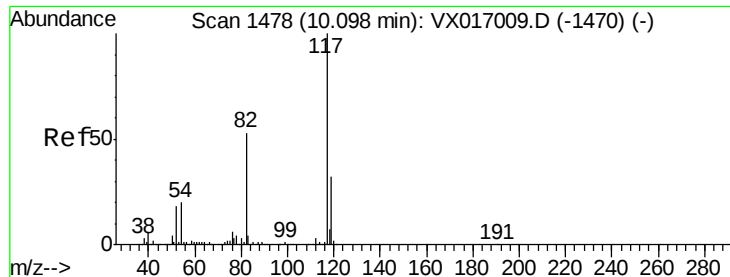
100000

50000

0

Time--> 11.05 11.10 11.15 11.20

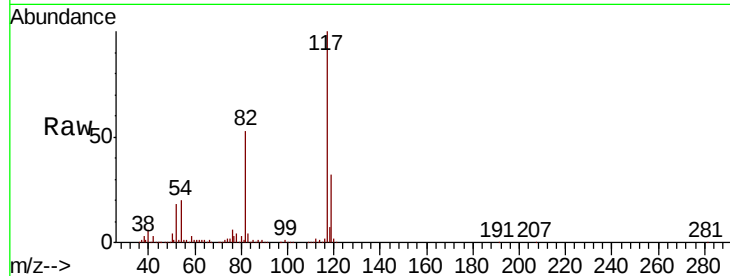




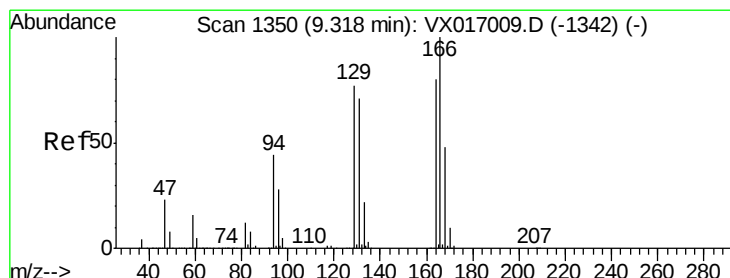
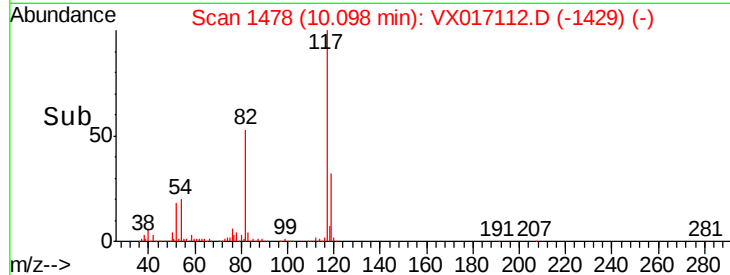
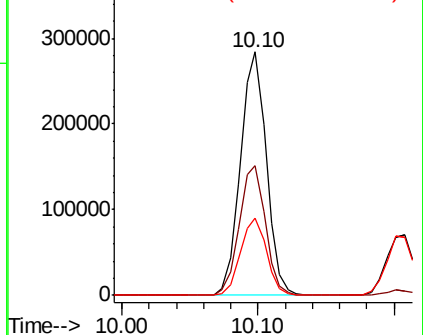
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 377368
Ion Ratio Lower Upper
117 100
82 53.3 42.6 63.8
119 31.9 25.4 38.2

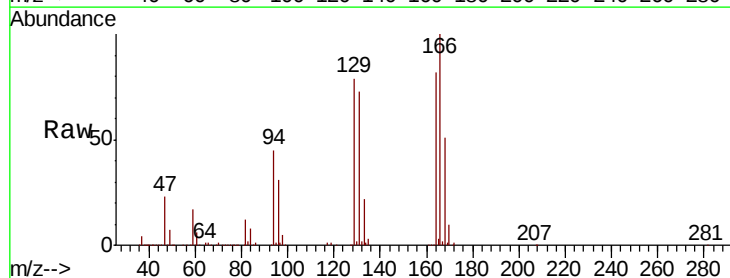


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

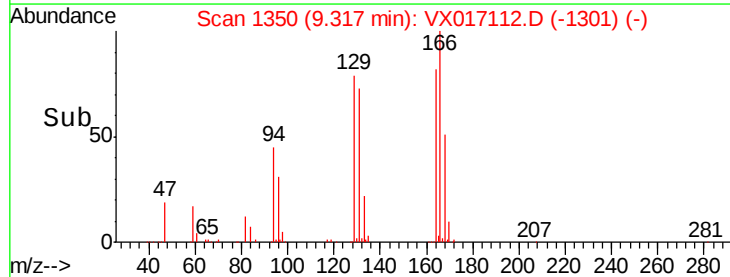
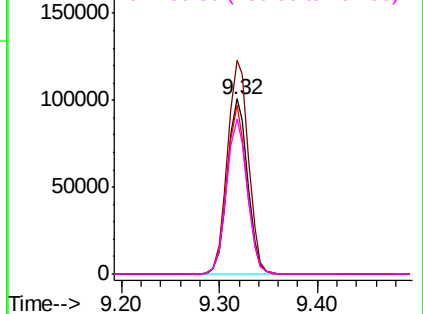


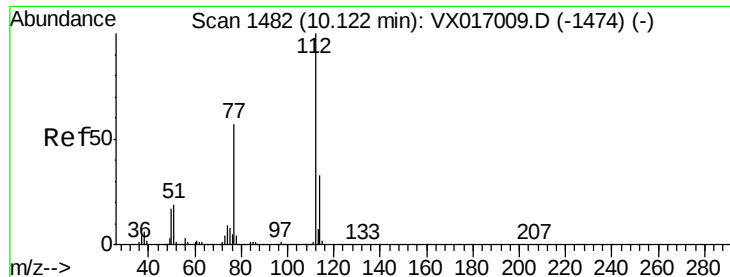
#64
Tetrachloroethene
Concen: 47.807 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion:164 Resp: 145600
Ion Ratio Lower Upper
164 100
166 122.1 99.4 149.0
129 96.8 76.3 114.5
131 88.6 70.6 105.8



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

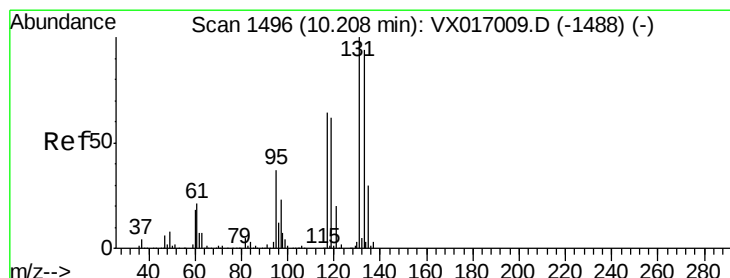
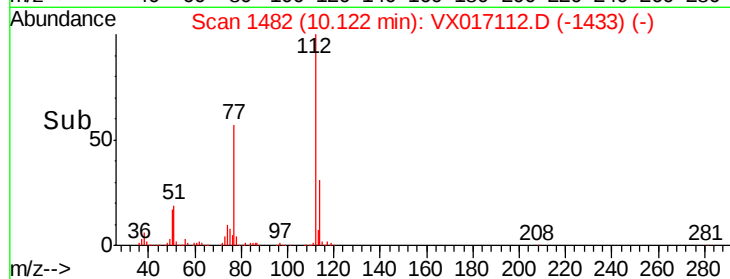
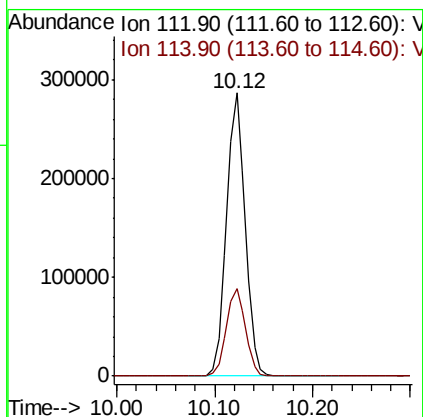
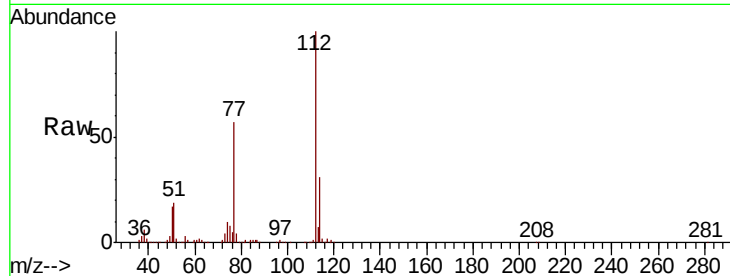




#65
Chlorobenzene
Concen: 48.781 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

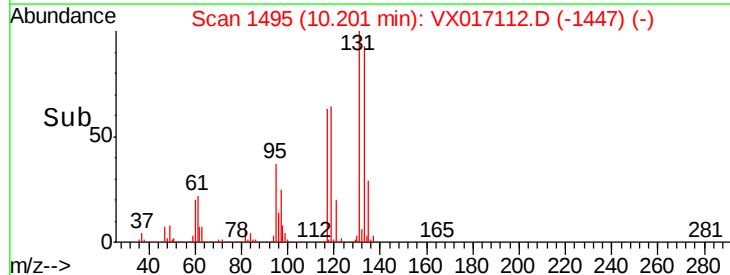
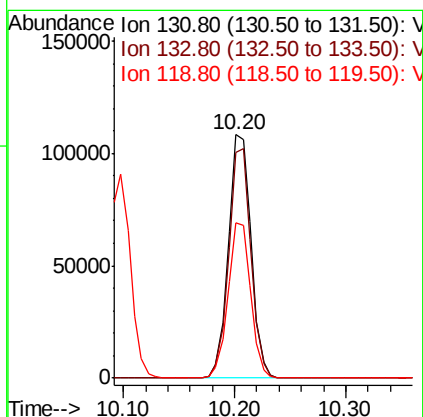
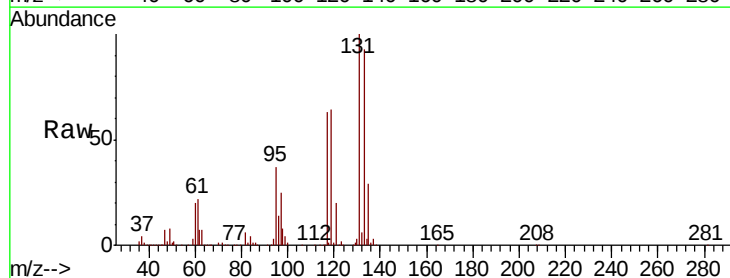
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

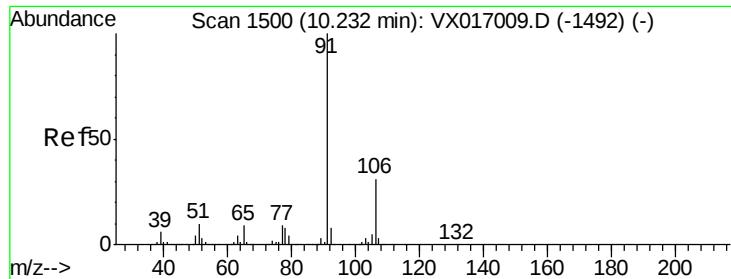
Tot Ion:112 Resp: 379939
Ion Ratio Lower Upper
112 100
114 31.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.749 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion:131 Resp: 152330
Ion Ratio Lower Upper
131 100
133 92.4 47.3 141.9
119 63.4 31.9 95.5





#67

Ethyl Benzene

Concen: 51.014 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

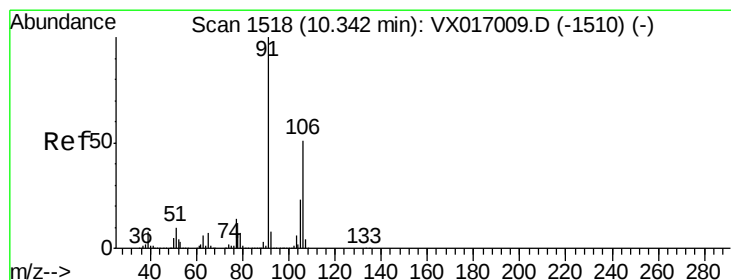
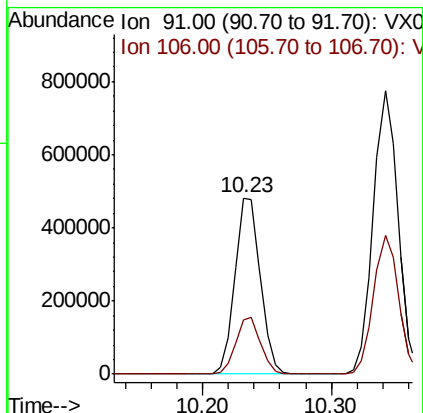
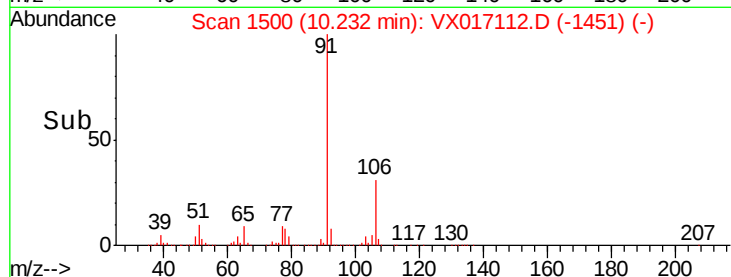
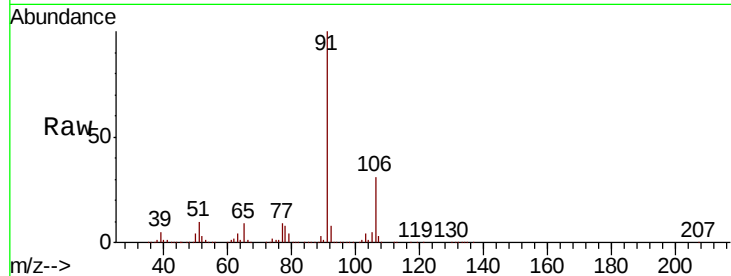
VSTDCCC050EC

Tot Ion: 91 Resp: 663548

Ion Ratio Lower Upper

91 100

106 30.8 24.7 37.1



#68

m/p-Xylenes

Concen: 101.749 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017112.D

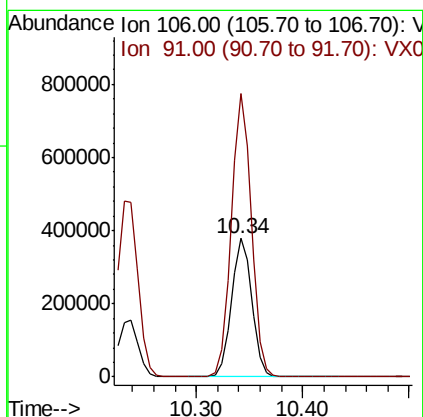
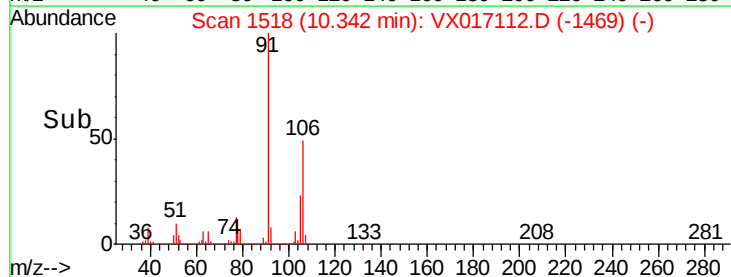
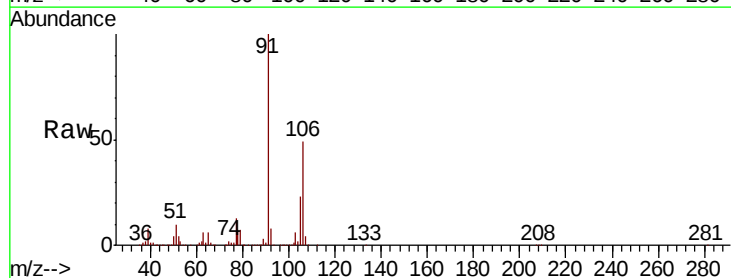
Acq: 01 Jul 2020 20:34

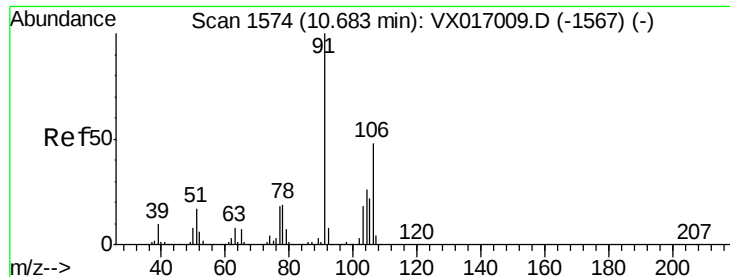
Tgt Ion: 106 Resp: 508165

Ion Ratio Lower Upper

106 100

91 201.6 158.6 238.0

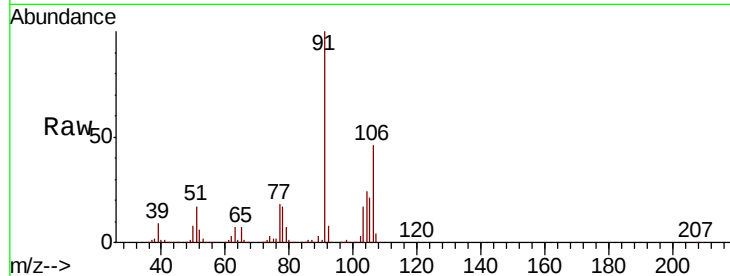




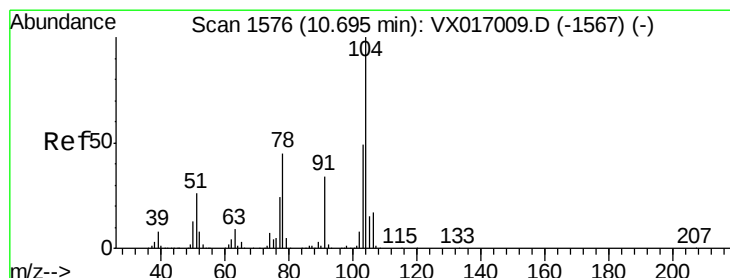
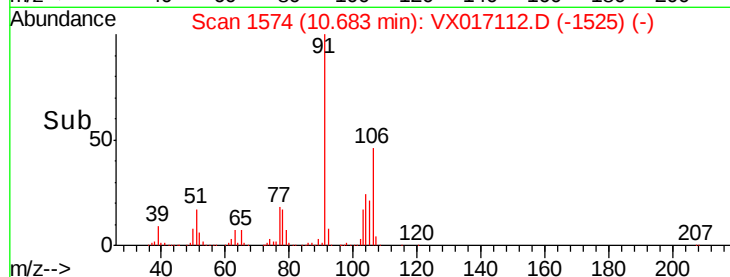
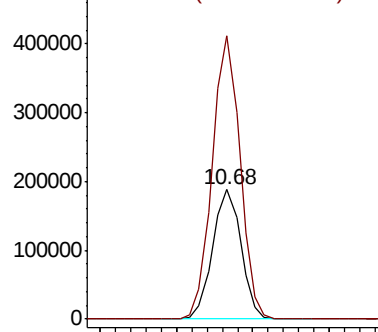
#69
o-Xylene
Concen: 51.198 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 243248
Ion Ratio Lower Upper
106 100
91 213.8 105.6 316.7

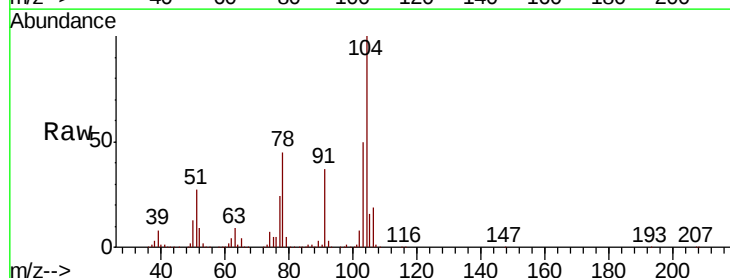


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

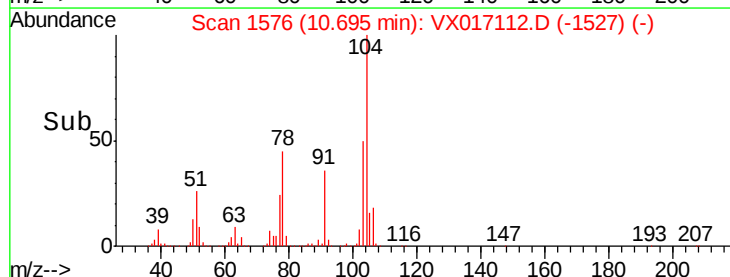
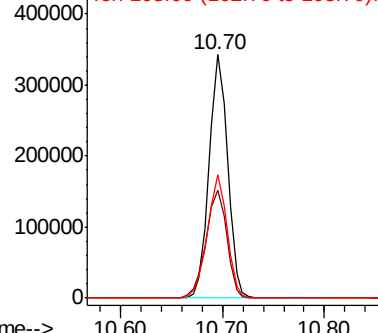


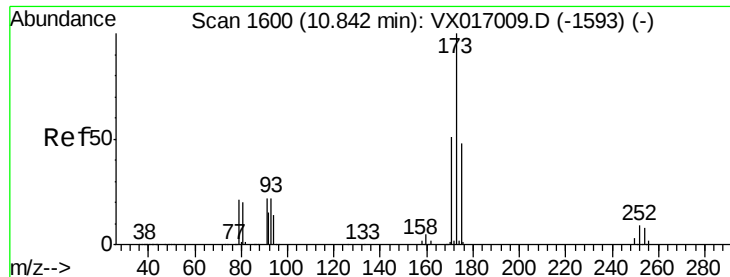
#70
Styrene
Concen: 53.026 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion:104 Resp: 429013
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 53.8 43.0 64.6



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: 54.436 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

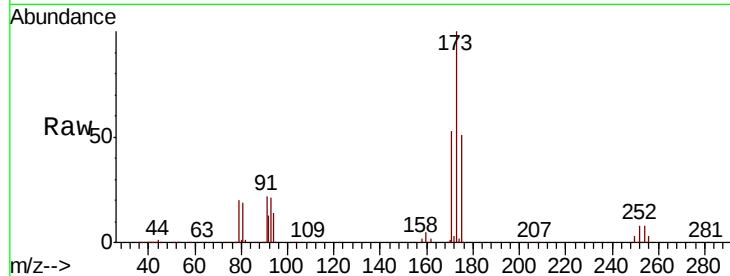
Tot Ion:173 Resp: 129572

Ion Ratio Lower Upper

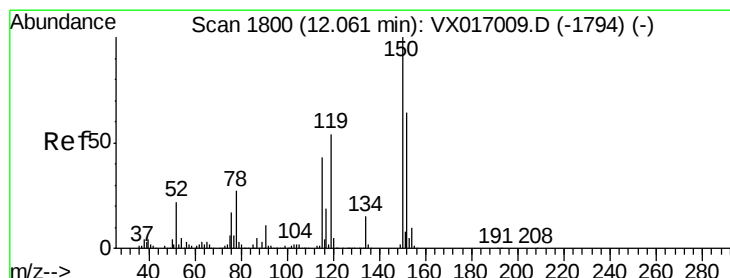
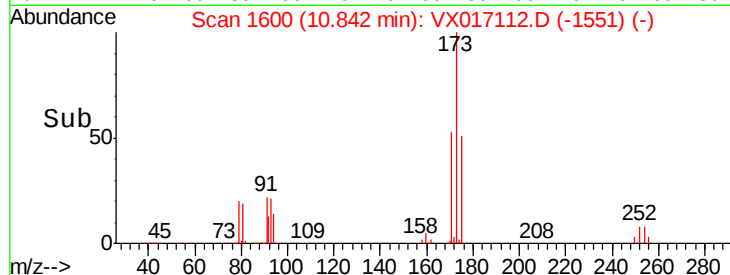
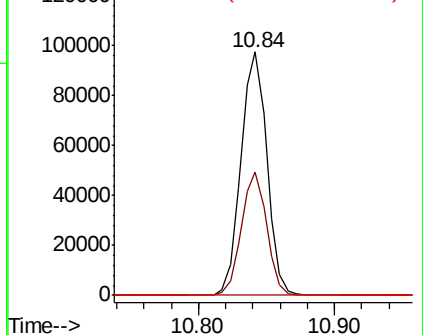
173 100

175 49.6 24.5 73.5

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: VX017112.D

Acq: 01 Jul 2020 20:34

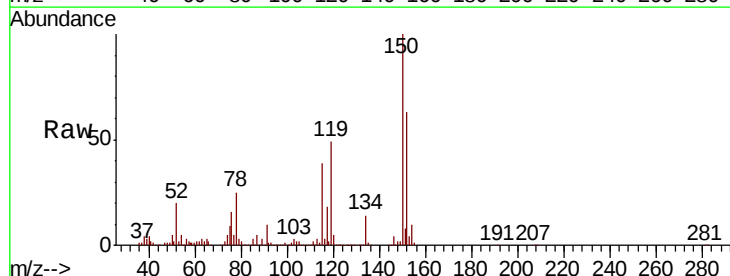
Tgt Ion:152 Resp: 206954

Ion Ratio Lower Upper

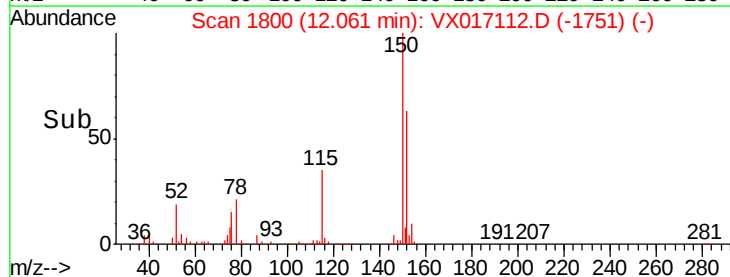
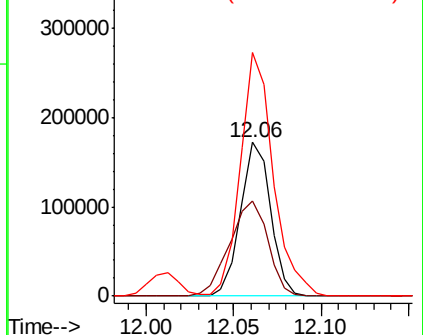
152 100

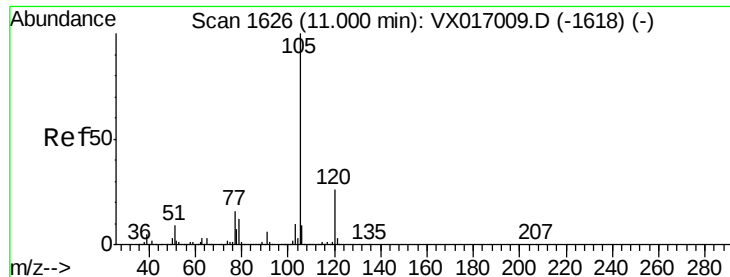
115 79.2 40.9 122.7

150 173.2 0.0 351.6



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: 48.820 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

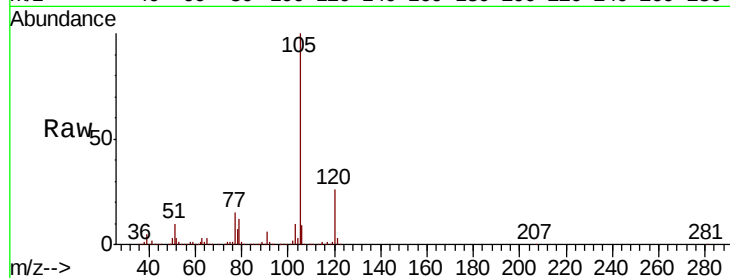
VSTDCCC050EC

Tot Ion:105 Resp: 661791

Ion Ratio Lower Upper

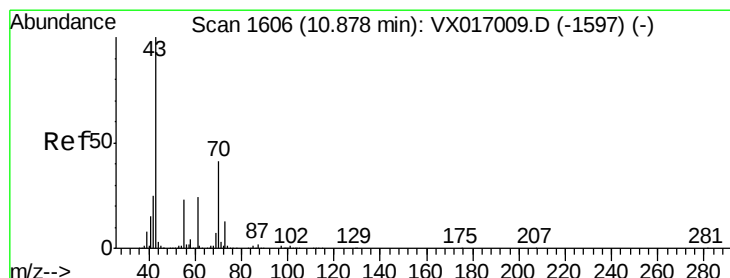
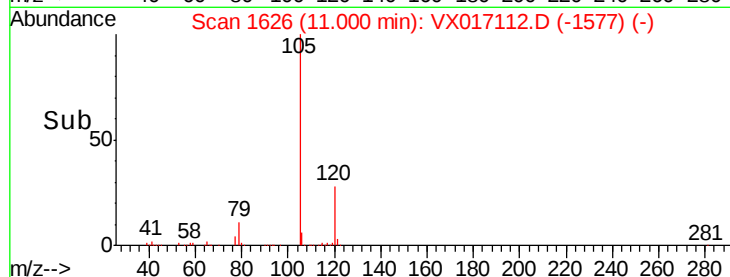
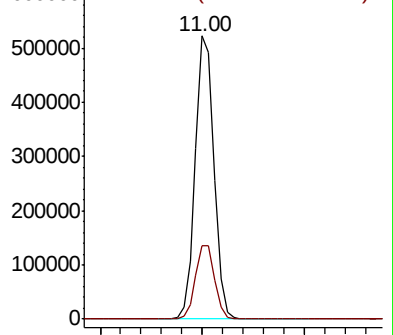
105 100

120 26.7 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: 49.109 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Tgt Ion: 43 Resp: 284053

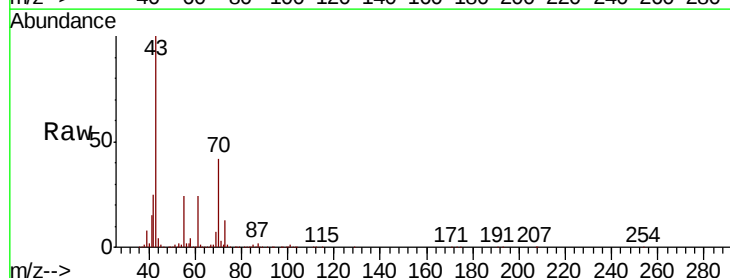
Ion Ratio Lower Upper

43 100

70 43.4 34.2 51.2

55 24.5 19.2 28.8

61 24.8 19.6 29.4

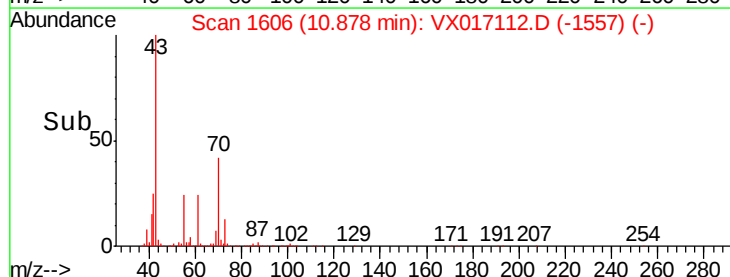
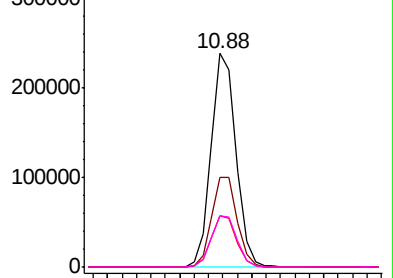


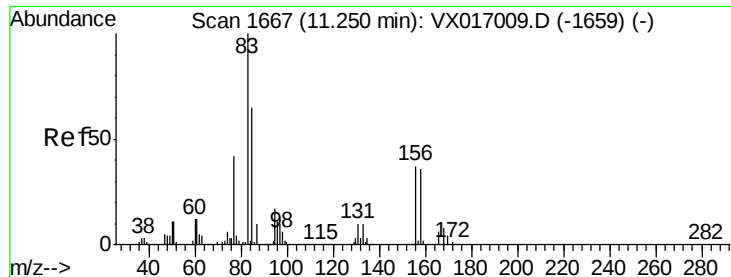
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.619 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

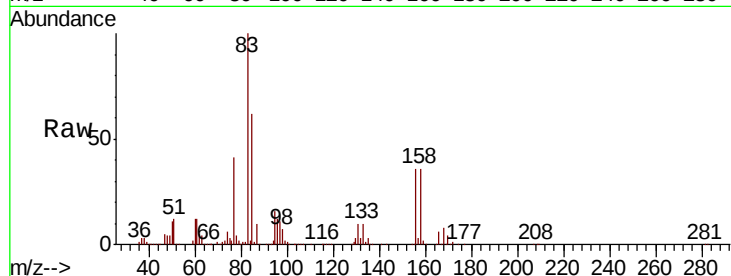
Tot Ion: 83 Resp: 203049

Ion Ratio Lower Upper

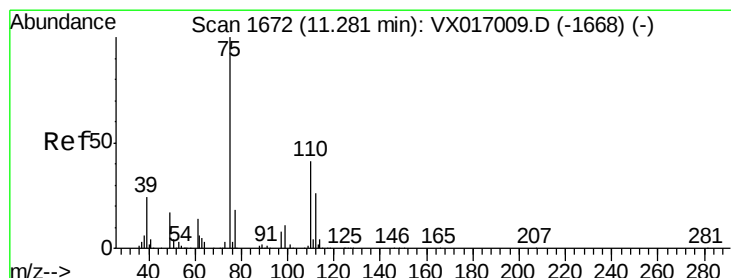
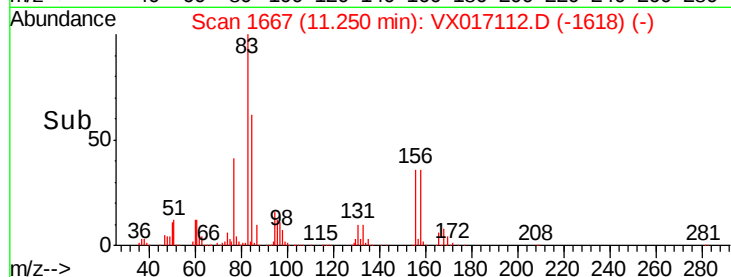
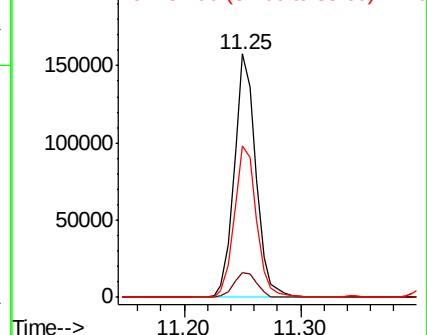
83 100

131 10.9 5.4 16.2

85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.338 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017112.D

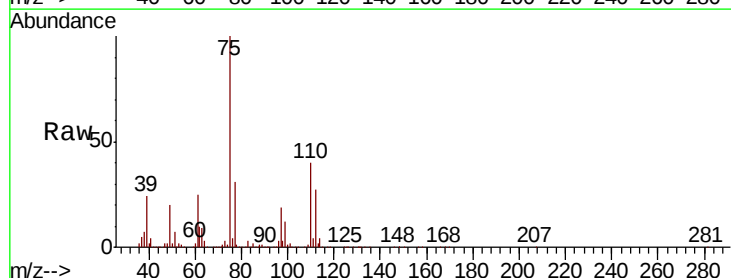
Acq: 01 Jul 2020 20:34

Tgt Ion: 75 Resp: 253694

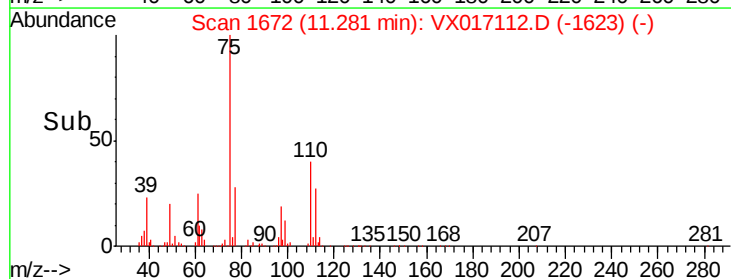
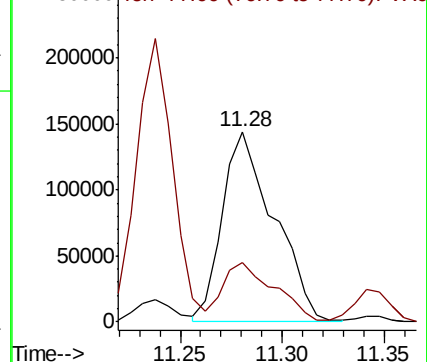
Ion Ratio Lower Upper

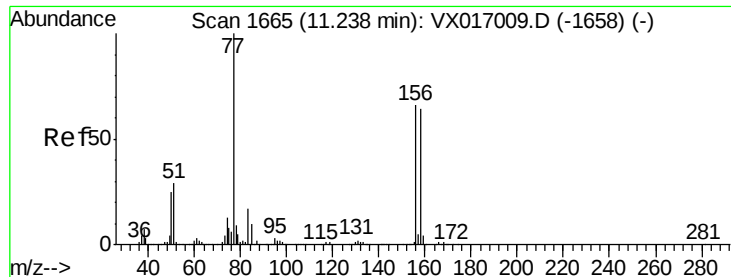
75 100

77 31.2 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.111 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

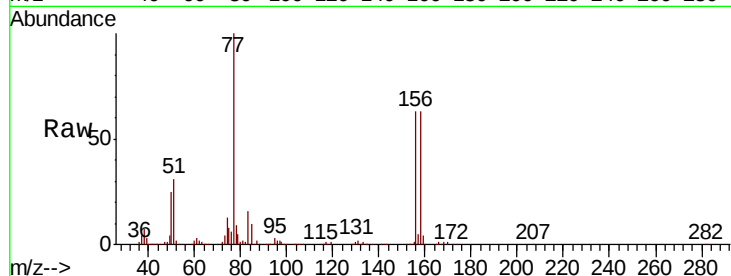
Tot Ion:156 Resp: 175516

Ion Ratio Lower Upper

156 100

77 151.8 76.9 230.7

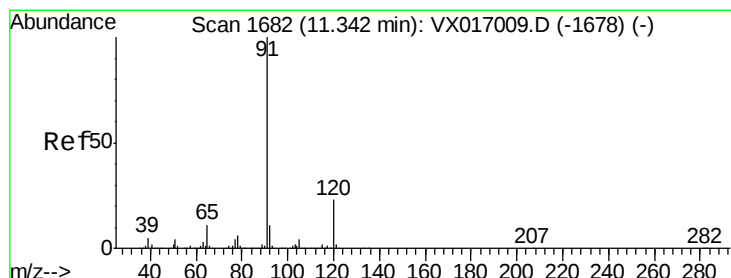
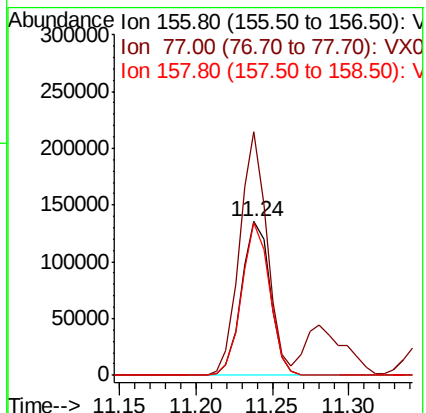
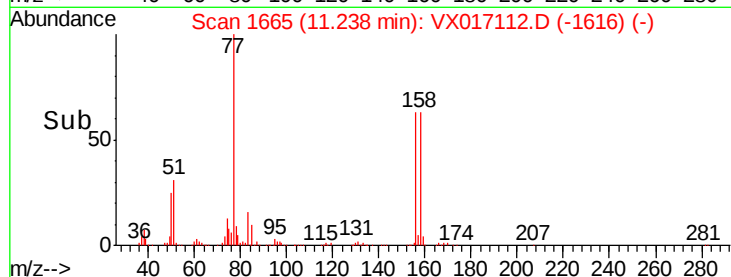
158 96.7 47.9 143.6



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: 49.245 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017112.D

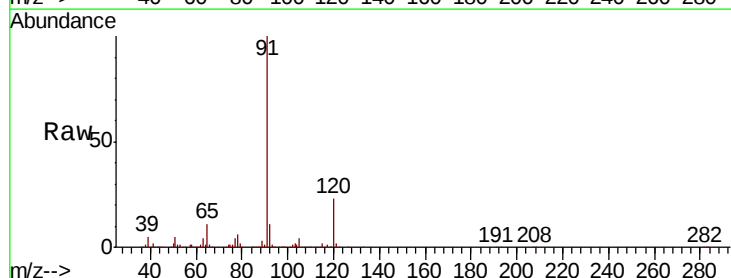
Acq: 01 Jul 2020 20:34

Tgt Ion: 91 Resp: 754892

Ion Ratio Lower Upper

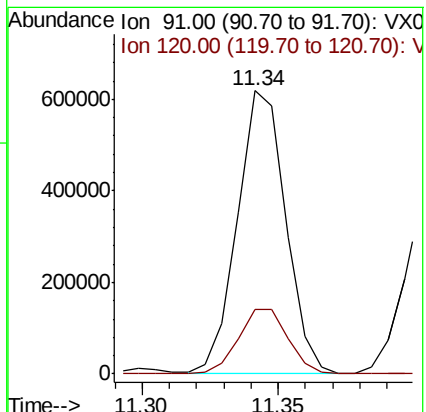
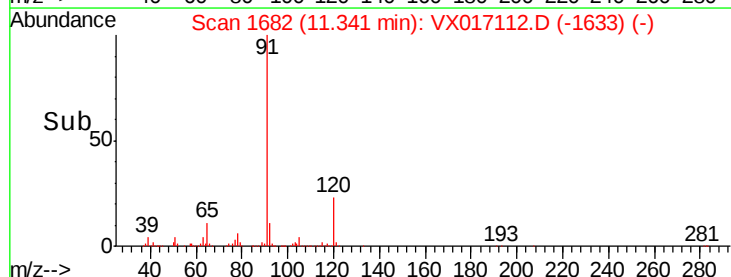
91 100

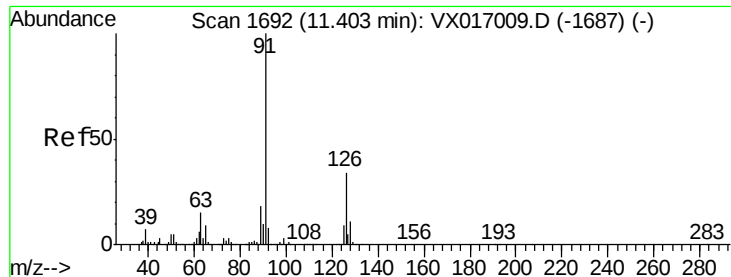
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

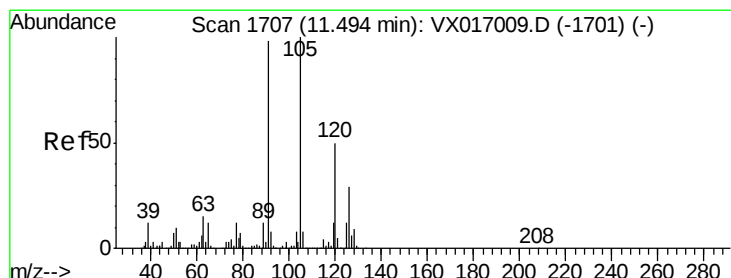
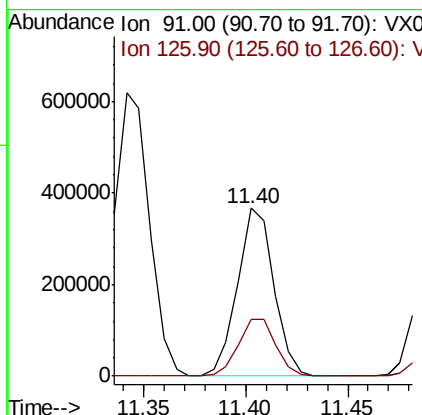
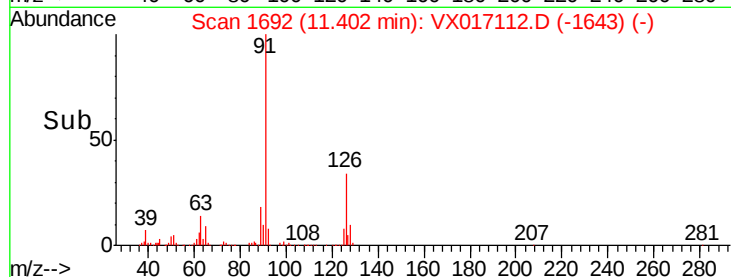
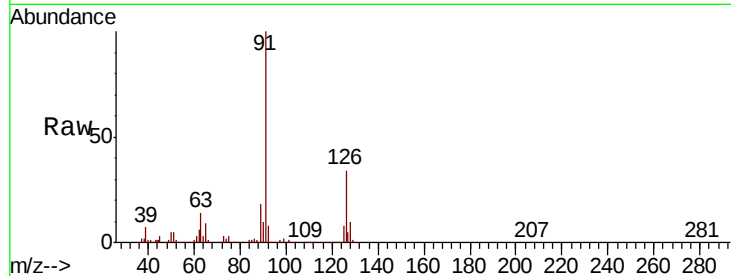




#79
 2-Chlorotoluene
 Concen: 48.779 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

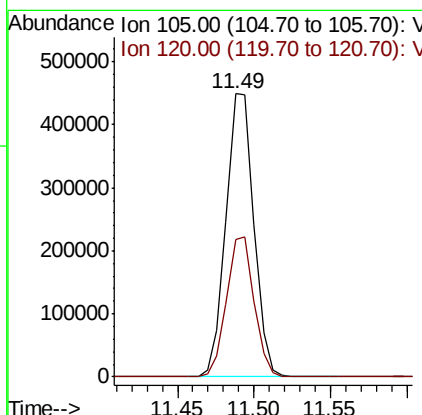
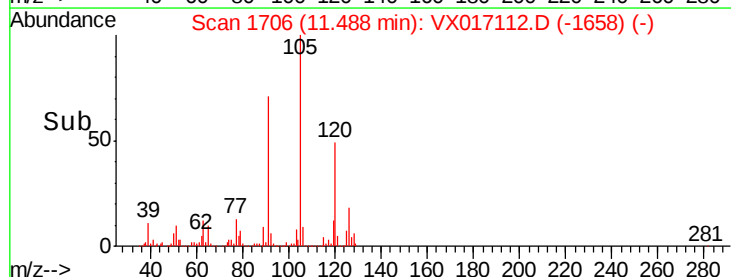
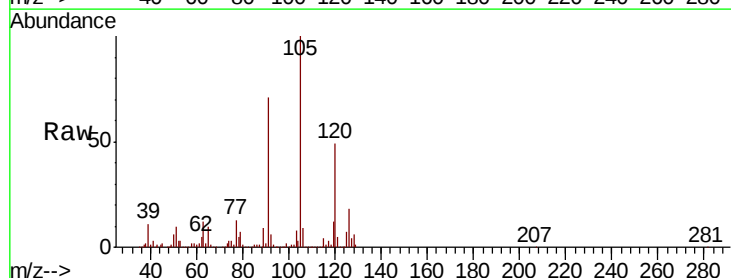
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

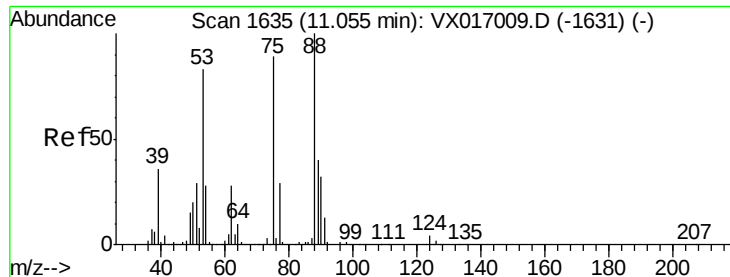
Tot Ion: 91 Resp: 452547
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.522 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion: 105 Resp: 568072
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 46.757 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

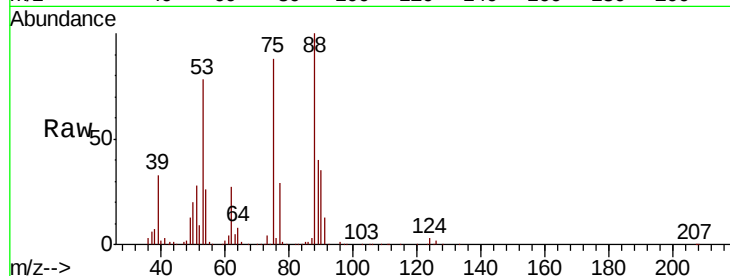
Tot Ion: 75 Resp: 73479

Ion Ratio Lower Upper

75 100

53 93.5 72.4 108.6

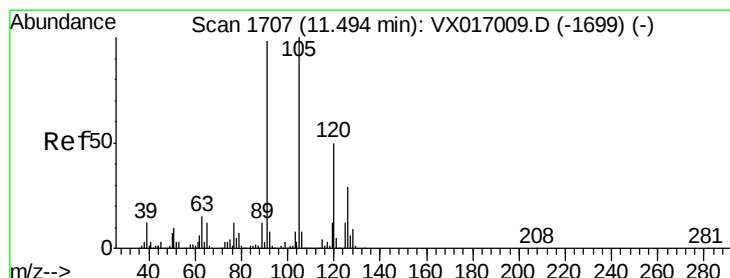
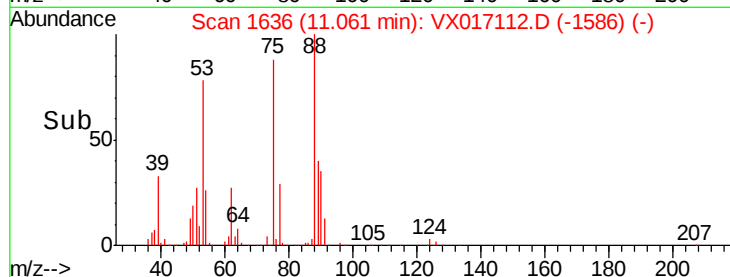
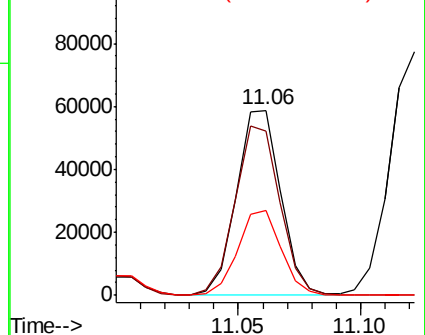
89 45.6 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.025 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017112.D

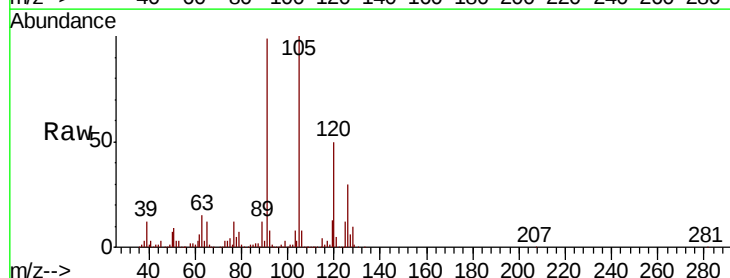
Acq: 01 Jul 2020 20:34

Tgt Ion: 91 Resp: 543714

Ion Ratio Lower Upper

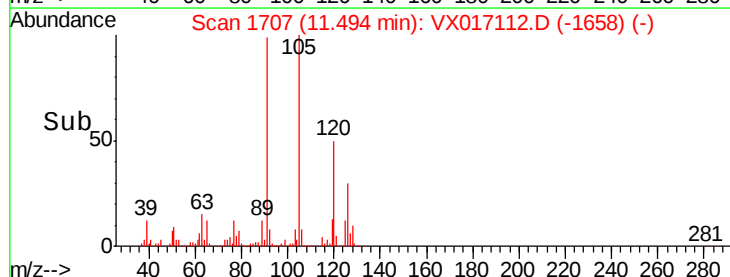
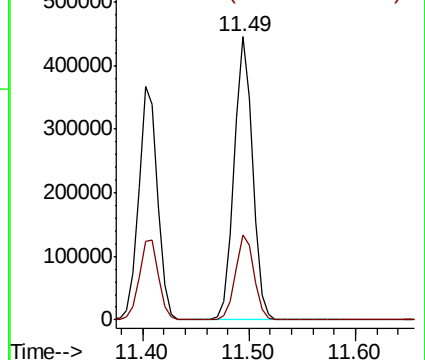
91 100

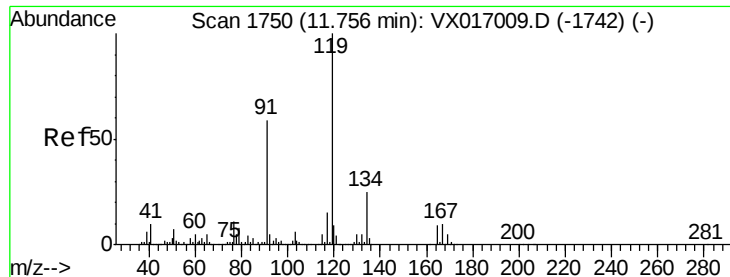
126 30.2 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

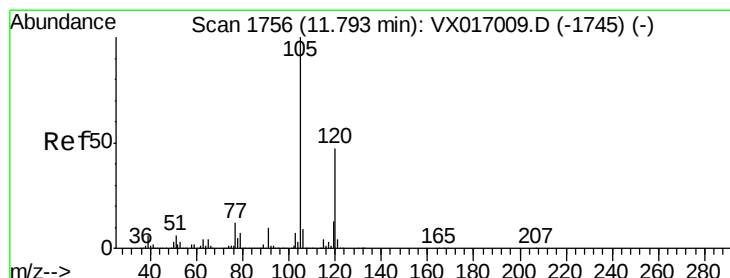
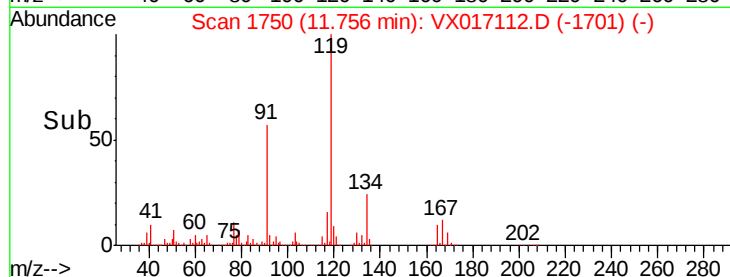
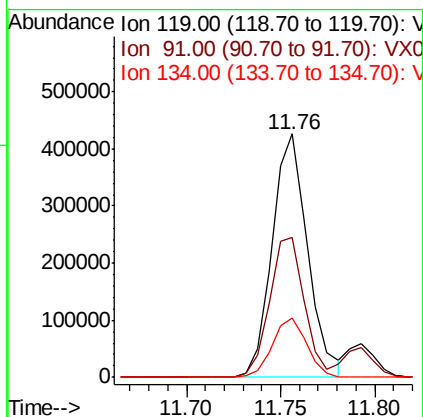
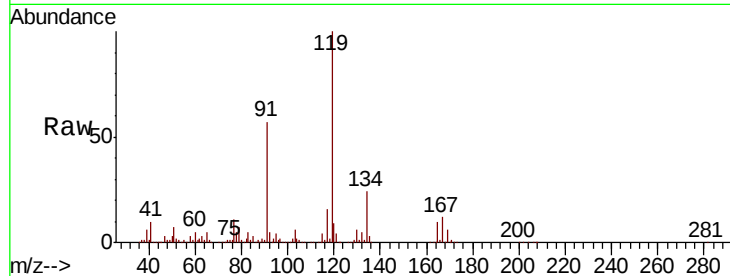




#83
 tert-Butylbenzene
 Concen: 50.426 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

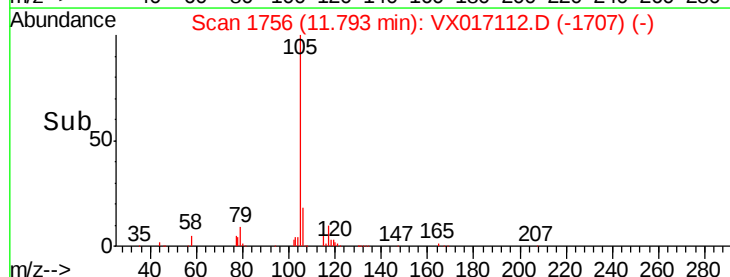
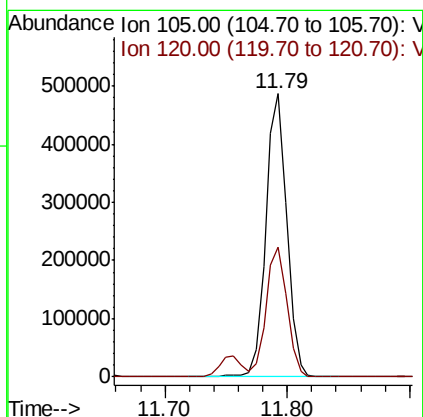
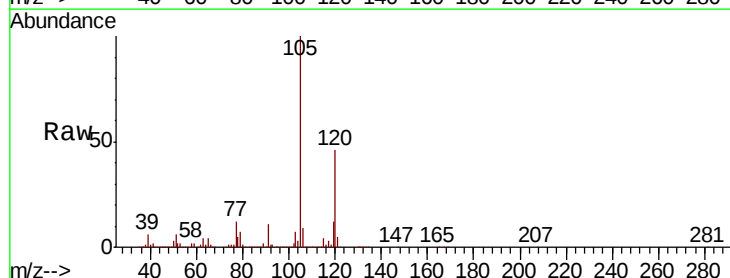
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

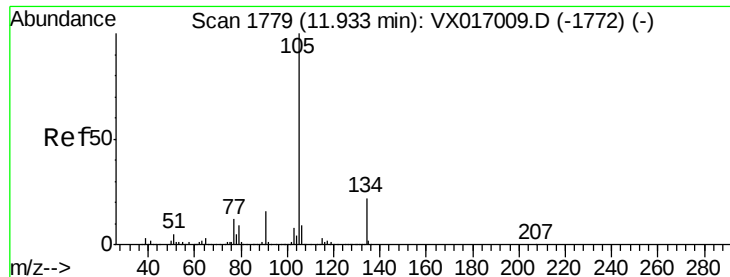
Tot Ion:119 Resp: 556588
 Ion Ratio Lower Upper
 119 100
 91 56.2 28.3 84.9
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.853 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion:105 Resp: 580084
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.5

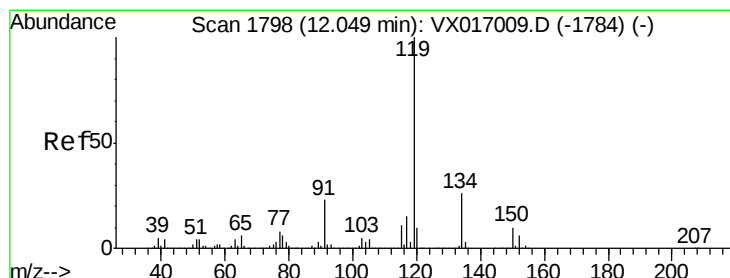
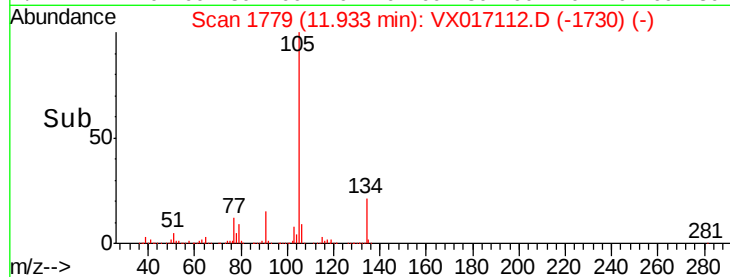
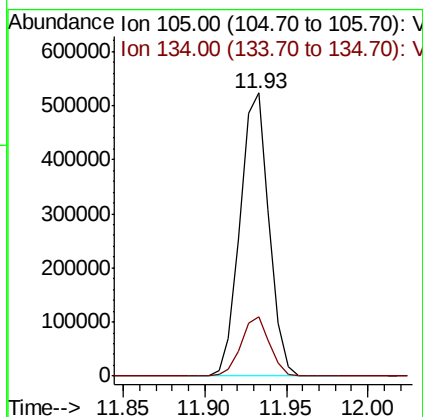
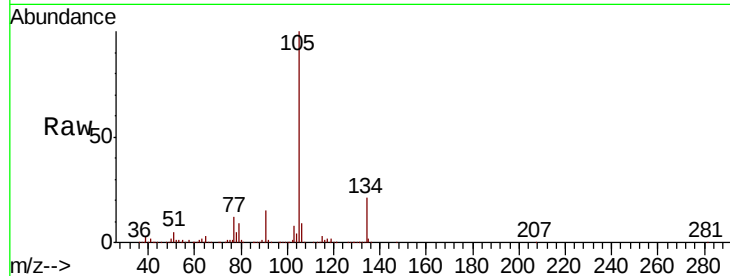




#85
 sec-Butylbenzene
 Concen: 49.813 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

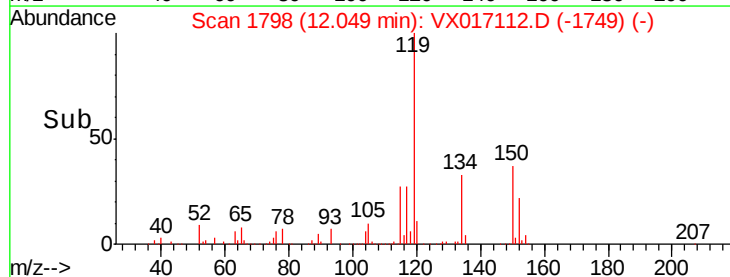
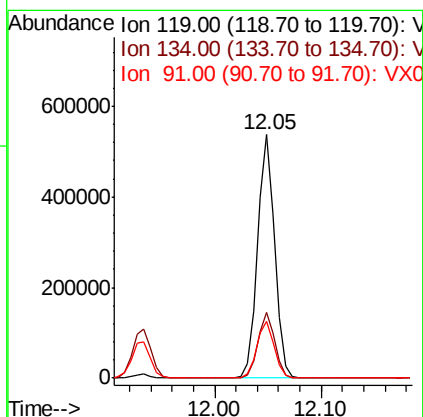
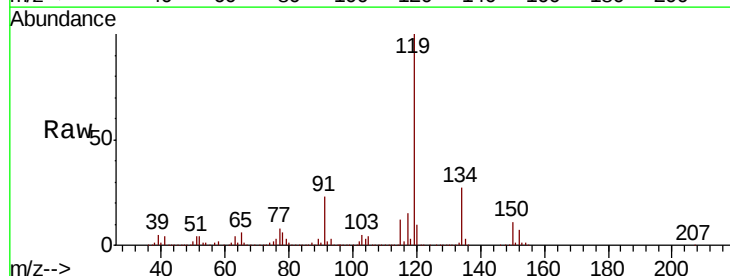
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

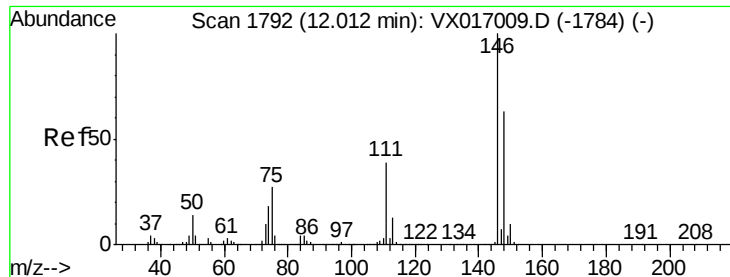
Tot Ion:105 Resp: 646298
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 50.014 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion:119 Resp: 604088
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 23.7 11.8 35.4

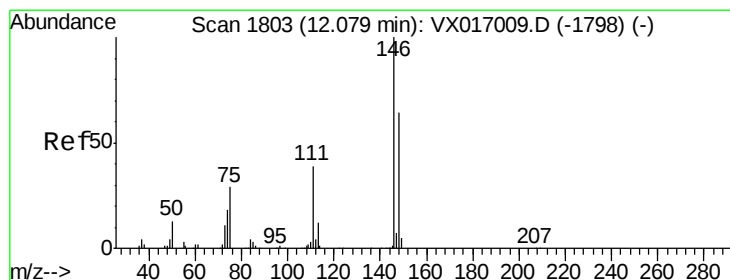
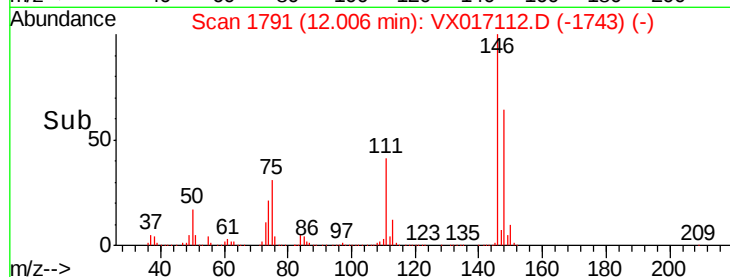
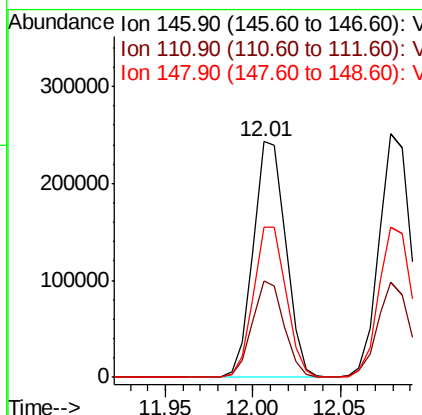
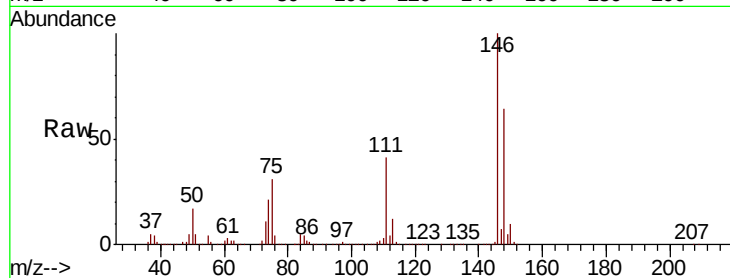




#87
 1,3-Dichlorobenzene
 Concen: 46.727 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

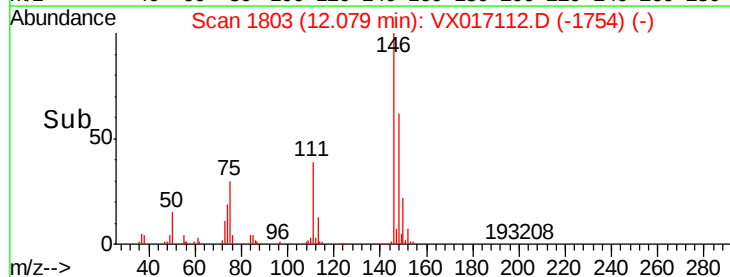
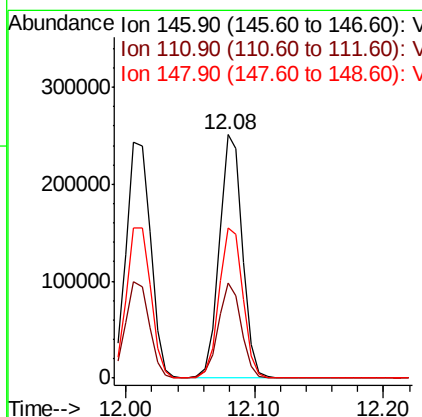
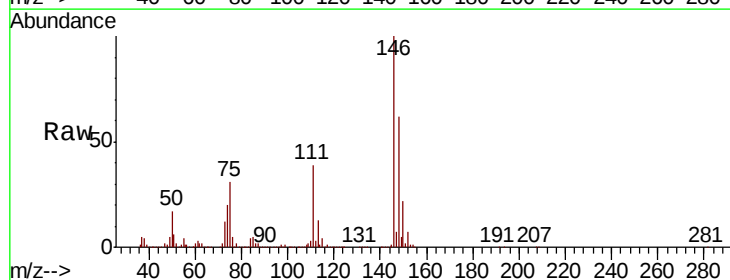
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

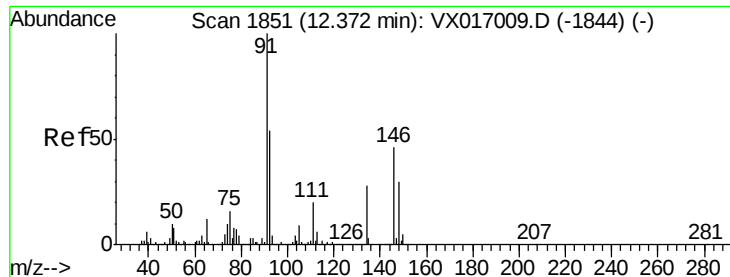
Tot Ion:146 Resp: 316180
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.4 61.2
 148 63.8 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 49.683 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion:146 Resp: 317043
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.5 58.5
 148 63.5 31.9 95.7

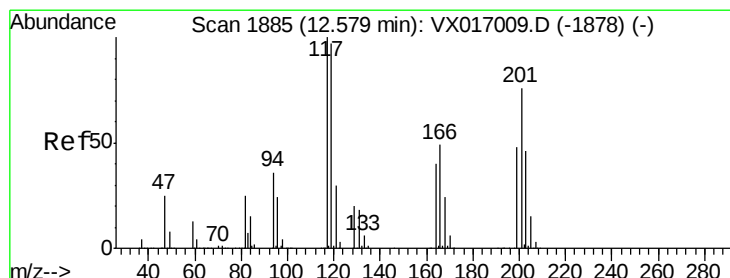
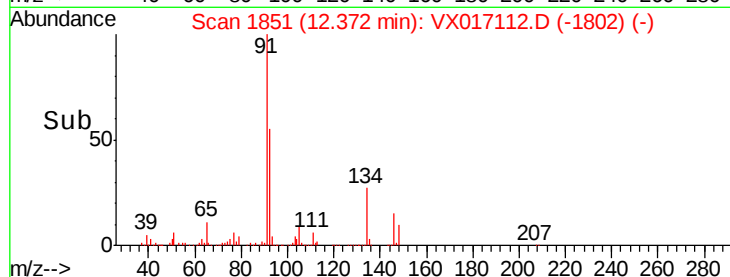
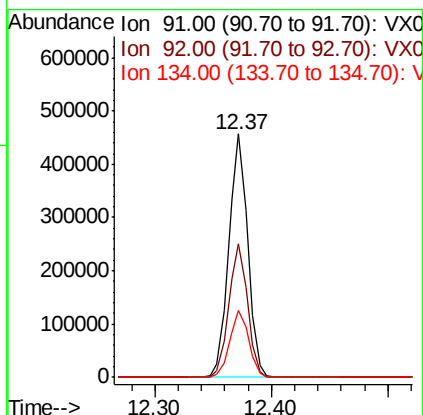
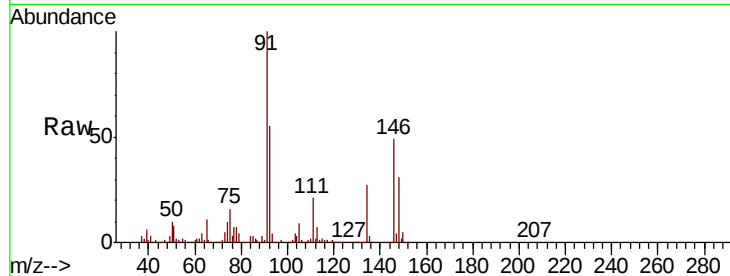




#89
n-Butylbenzene
Concen: 47.670 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

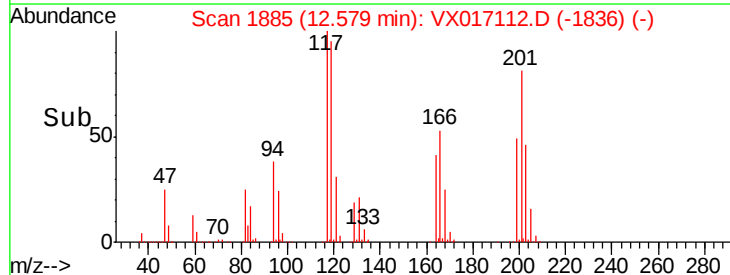
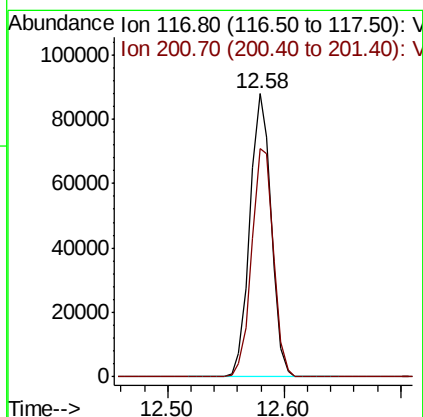
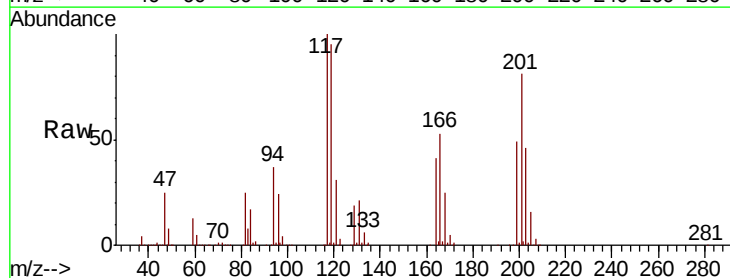
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

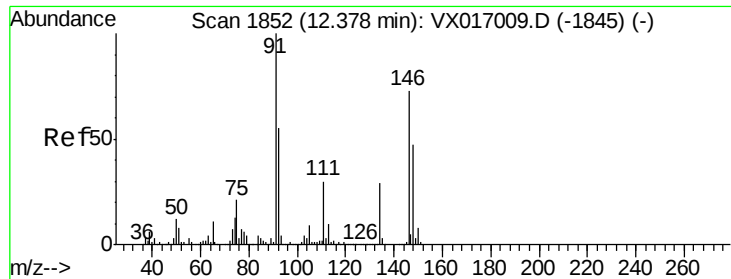
Tot Ion: 91 Resp: 514116
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.6
134 27.5 13.6 40.7



#90
Hexachloroethane
Concen: 47.355 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion: 117 Resp: 112795
Ion Ratio Lower Upper
117 100
201 81.8 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 47.959 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

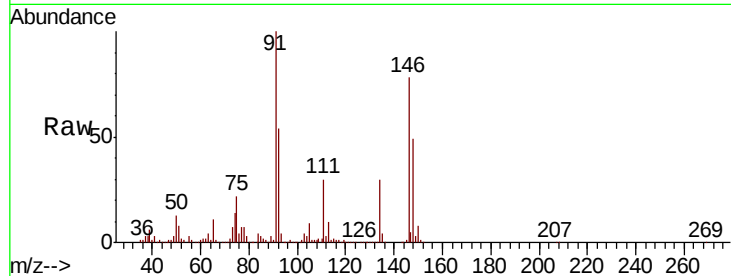
Tot Ion:146 Resp: 303334

Ion Ratio Lower Upper

146 100

111 40.2 20.6 61.9

148 64.1 32.4 97.2

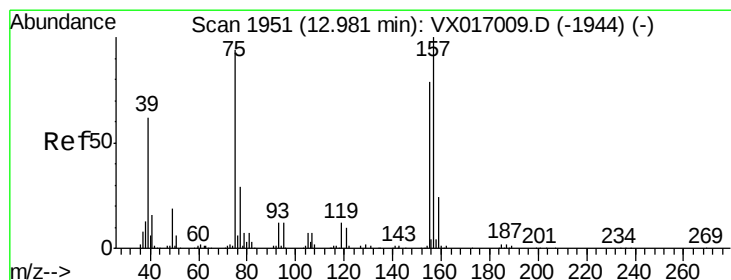
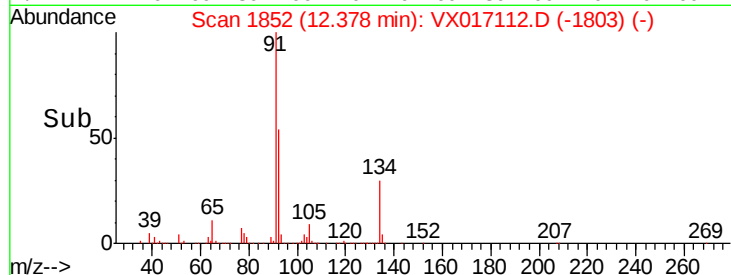
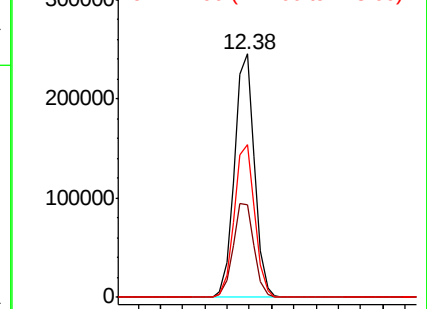


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.857 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

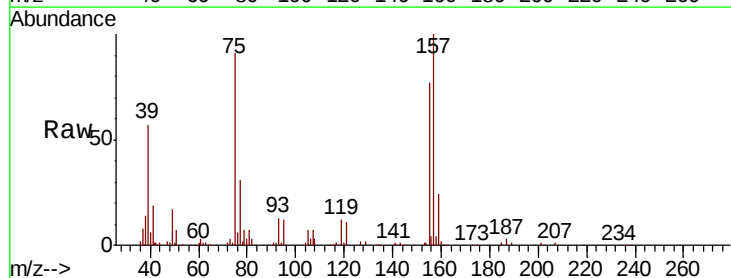
Tgt Ion: 75 Resp: 47663

Ion Ratio Lower Upper

75 100

155 90.5 45.1 135.2

157 114.5 56.5 169.3

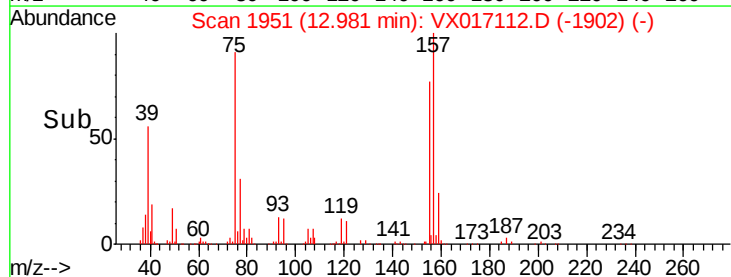
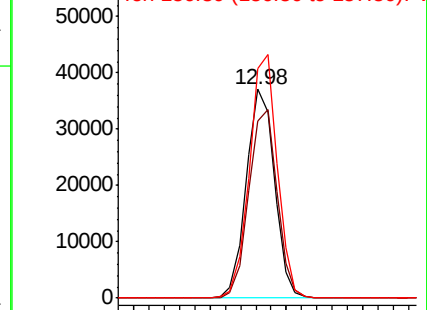


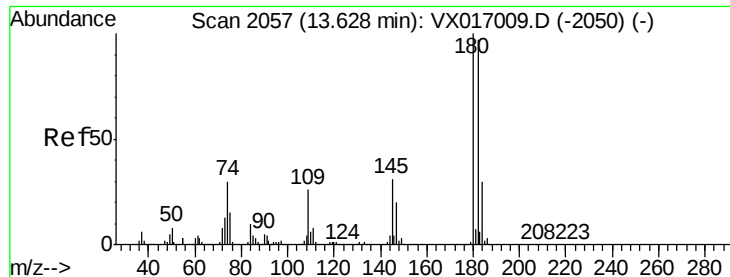
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

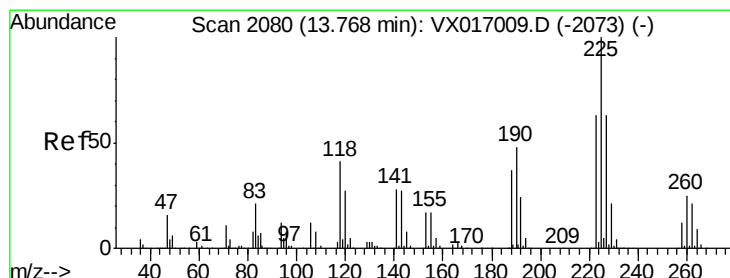
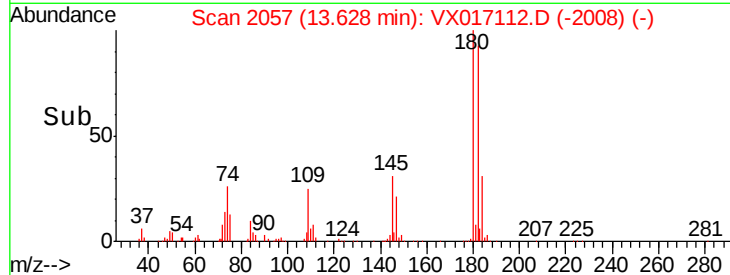
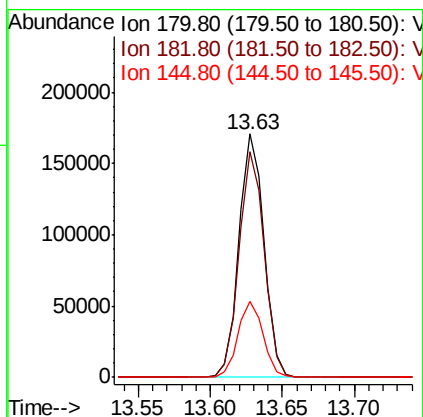
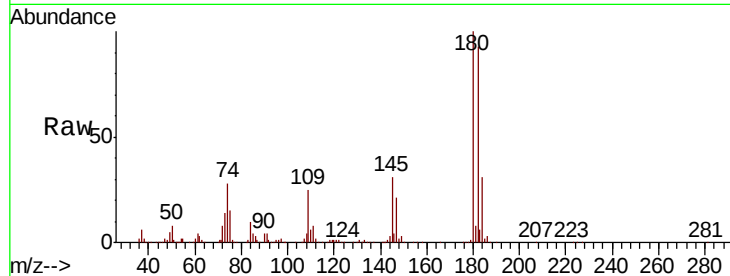




#93
 1,2,4-Trichlorobenzene
 Concen: 47.817 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

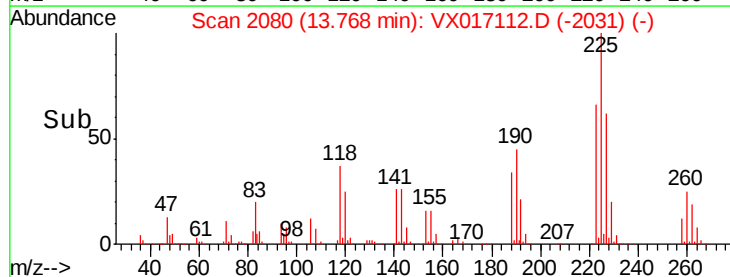
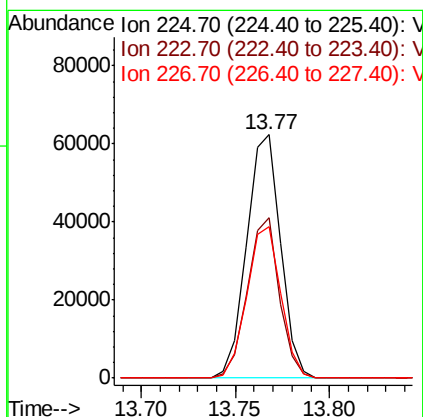
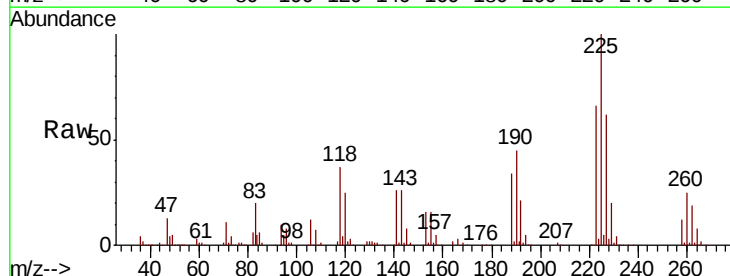
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

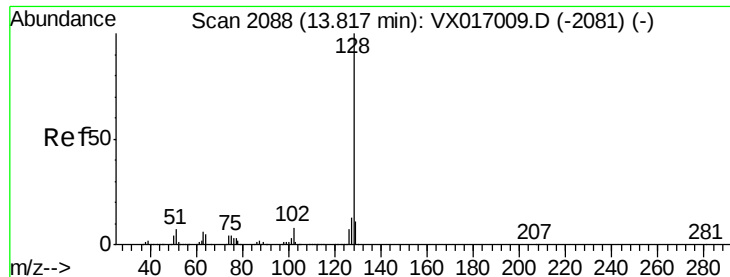
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.3	141.9
145	31.4	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 47.455 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.5	97.5
227	62.3	33.1	99.2

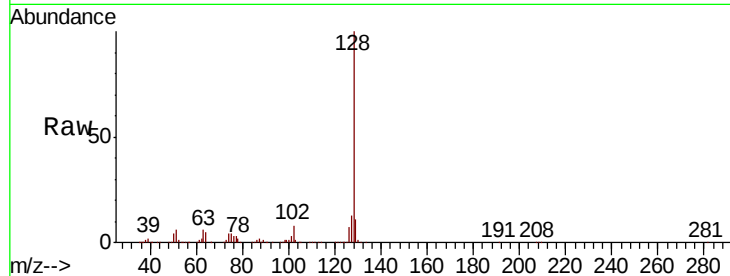




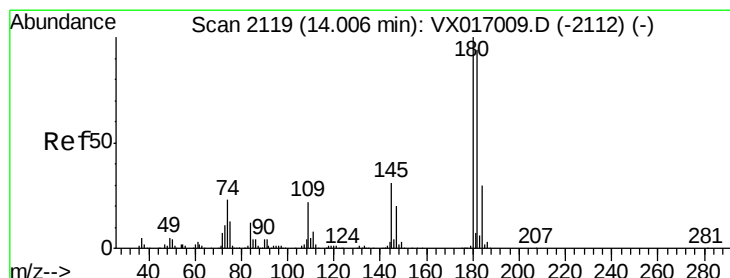
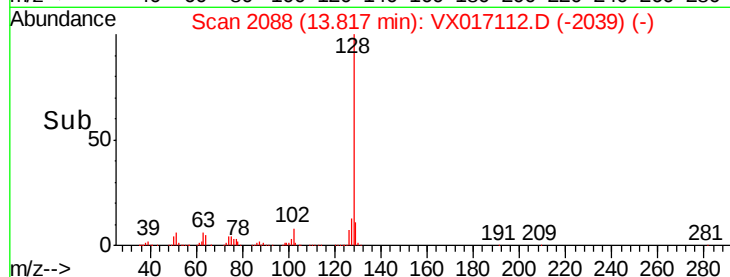
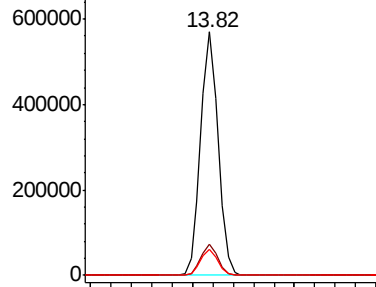
#95
Naphthalene
Concen: 51.334 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 673734
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.9 8.7 13.1

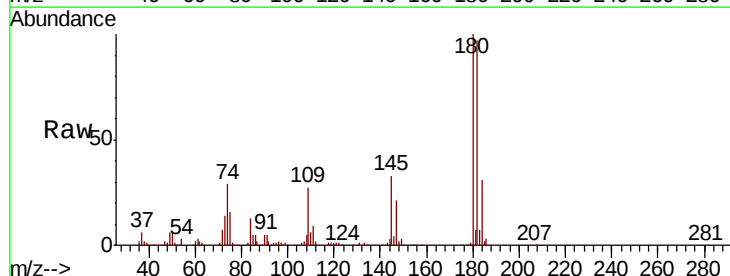


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 48.292 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion:180 Resp: 201759
Ion Ratio Lower Upper
180 100
182 95.8 47.1 141.4
145 32.6 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

