

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018162.D
 Acq On : 31 Aug 2020 21:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 01 05:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	439153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	701119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	677418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	367106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	300525	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	5.46	113	233867	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	8.70	98	830758	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
62) 4-Bromofluorobenzene	11.12	95	338265	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	270344	50.562	ug/l	100
3) Chloromethane	1.31	50	277158	49.168	ug/l	100
4) Vinyl Chloride	1.39	62	267769	47.719	ug/l	99
5) Bromomethane	1.62	94	162842	60.165	ug/l	99
6) Chloroethane	1.70	64	156033	51.772	ug/l	97
7) Trichlorofluoromethane	1.91	101	430765	56.298	ug/l	98
8) Diethyl Ether	2.17	74	134822	51.957	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	212849	51.455	ug/l	99
10) Methyl Iodide	2.49	142	257393	57.295	ug/l	98
11) Tert butyl alcohol	3.03	59	295224	249.052	ug/l	99
12) 1,1-Dichloroethene	2.36	96	220489	51.377	ug/l	94
13) Acrolein	2.28	56	134719	274.089	ug/l	99
14) Allyl chloride	2.71	41	387580	50.267	ug/l	96
15) Acrylonitrile	3.12	53	666581	247.899	ug/l	98
16) Acetone	2.42	43	590664	248.638	ug/l	97
17) Carbon Disulfide	2.55	76	600304	46.271	ug/l	100
18) Methyl Acetate	2.75	43	307631	53.663	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	791797	53.798	ug/l	99
20) Methylene Chloride	2.84	84	248712	51.232	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	239606	50.393	ug/l	96
22) Diisopropyl ether	3.83	45	787858	51.771	ug/l	98
23) Vinyl Acetate	3.79	43	3521907	260.089	ug/l	98
24) 1,1-Dichloroethane	3.67	63	446541	51.547	ug/l	98
25) 2-Butanone	4.64	43	940021	240.772	ug/l	97
26) 2,2-Dichloropropane	4.56	77	344892	48.932	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	270997	49.467	ug/l	99
28) Bromochloromethane	4.98	49	199398	47.686	ug/l	98
29) Tetrahydrofuran	5.09	42	608704	244.918	ug/l	98
30) Chloroform	5.18	83	472400	52.665	ug/l	96
31) Cyclohexane	5.55	56	363797	49.855	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	440292	53.488	ug/l	100
36) 1,1-Dichloropropene	5.77	75	329038	50.882	ug/l	99
37) Ethyl Acetate	4.80	43	364784	48.568	ug/l	99
38) Carbon Tetrachloride	5.76	117	402633	55.248	ug/l	97

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Quant Time: Sep 01 05:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	356427	50.405	ug/l	98
40) Benzene	6.11	78	963919	50.728	ug/l	98
41) Methacrylonitrile	5.01	41	205596	49.854	ug/l	99
42) 1,2-Dichloroethane	6.16	62	388402	53.350	ug/l	98
43) Isopropyl Acetate	6.42	43	610004	50.284	ug/l	99
44) Trichloroethene	7.19	130	272638	50.779	ug/l	98
45) 1,2-Dichloropropane	7.49	63	261508	51.063	ug/l	100
46) Dibromomethane	7.64	93	181620	50.431	ug/l	98
47) Bromodichloromethane	7.88	83	390599	54.319	ug/l	98
48) Methyl methacrylate	7.75	41	304962	50.498	ug/l	99
49) 1,4-Dioxane	7.72	88	102114	933.471	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1905600	254.298	ug/l	100
52) Toluene	8.77	92	610899	50.701	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	416240	52.228	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	431072	51.060	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	264164	51.406	ug/l	97
56) Ethyl methacrylate	9.16	69	393583	51.520	ug/l	98
57) 1,3-Dichloropropane	9.35	76	432767	51.059	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	799009	232.503	ug/l	100
59) 2-Hexanone	9.48	43	1481446	259.994	ug/l	100
60) Dibromochloromethane	9.57	129	332245	55.114	ug/l	99
61) 1,2-Dibromoethane	9.65	107	283149	50.752	ug/l	99
64) Tetrachloroethene	9.32	164	260452	52.320	ug/l	93
65) Chlorobenzene	10.12	112	700833	51.800	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	284418	53.337	ug/l	97
67) Ethyl Benzene	10.24	91	1209243	52.557	ug/l	97
68) m/p-Xylenes	10.34	106	929357	108.219	ug/l	97
69) o-Xylene	10.68	106	444638	53.410	ug/l	99
70) Styrene	10.70	104	790428	55.754	ug/l	100
71) Bromoform	10.84	173	255823	56.245	ug/l	99
73) Isopropylbenzene	11.00	105	1238539	51.148	ug/l	100
74) N-amyl acetate	10.88	43	553887	48.210	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	396651	46.435	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	493365	60.414	ug/l	84
77) Bromobenzene	11.24	156	325975	48.701	ug/l	98
78) n-propylbenzene	11.34	91	1422341	51.731	ug/l	100
79) 2-Chlorotoluene	11.40	91	855748	50.377	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1065598	53.552	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	143099	47.326	ug/l	98
82) 4-Chlorotoluene	11.49	91	1027452	50.879	ug/l	99
83) tert-Butylbenzene	11.76	119	1023003	52.095	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1084505	53.308	ug/l	100
85) sec-Butylbenzene	11.93	105	1208525	54.118	ug/l	100
86) p-Isopropyltoluene	12.05	119	1127080	54.945	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	579338	49.298	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	581024	49.379	ug/l	97
89) n-Butylbenzene	12.37	91	958732	51.208	ug/l	99
90) Hexachloroethane	12.58	117	225708	55.926	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	569054	51.441	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	102227	47.862	ug/l	96

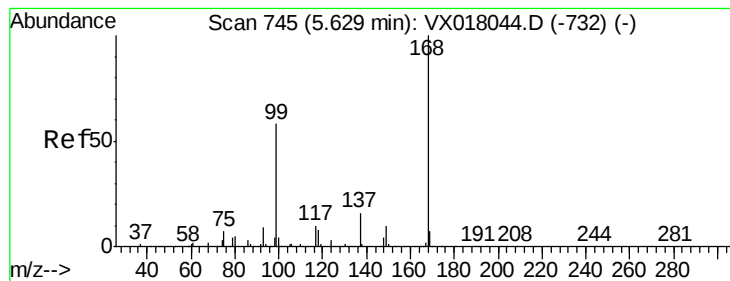
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	365968	49.612	ug/l	98
94) Hexachlorobutadiene	13.77	225	156319	53.726	ug/l	97
95) Naphthalene	13.82	128	1254709	51.684	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	363191	49.829	ug/l	98

(#) = 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. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

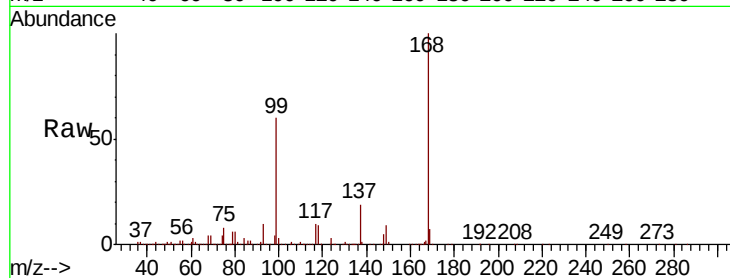
VSTDCCC050

Tot Ion:168 Resp: 439153

Ion Ratio Lower Upper

168 100

99 59.7 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

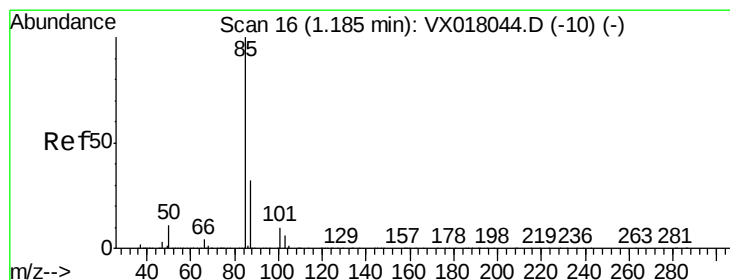
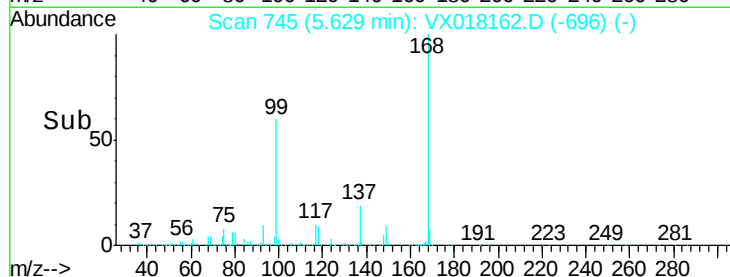
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.562 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018162.D

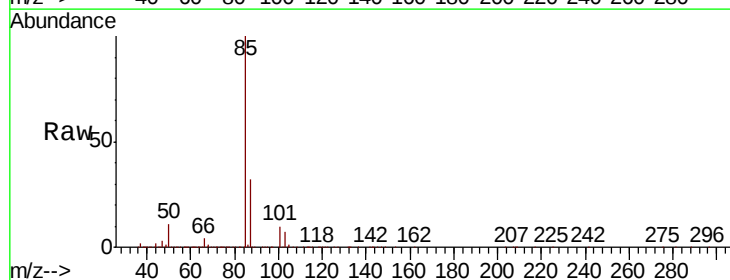
Acq: 31 Aug 2020 21:13

Tgt Ion: 85 Resp: 270344

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

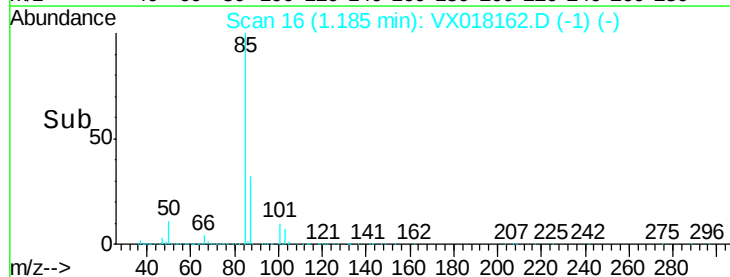
300000

200000

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Time-->

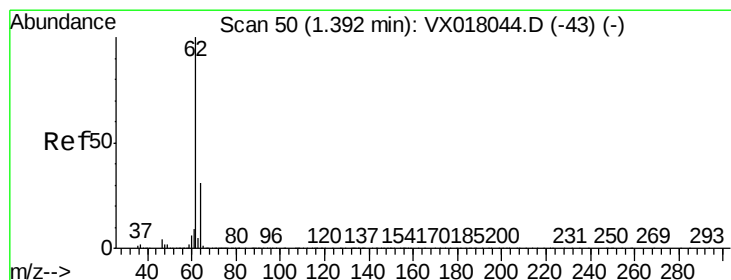
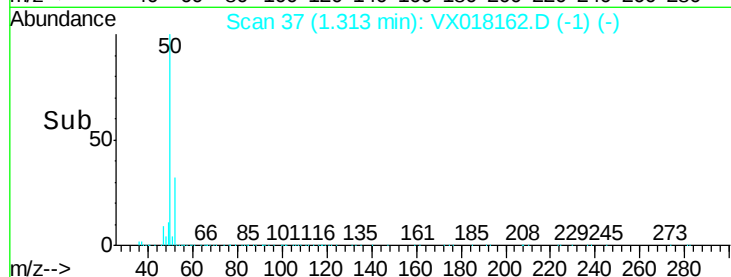
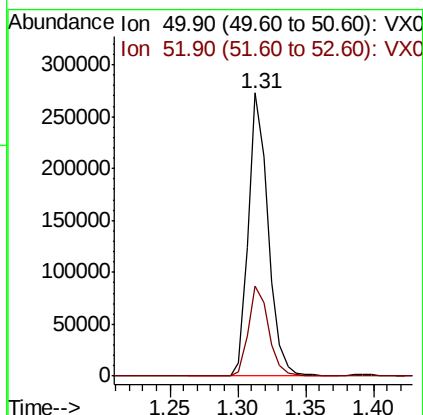
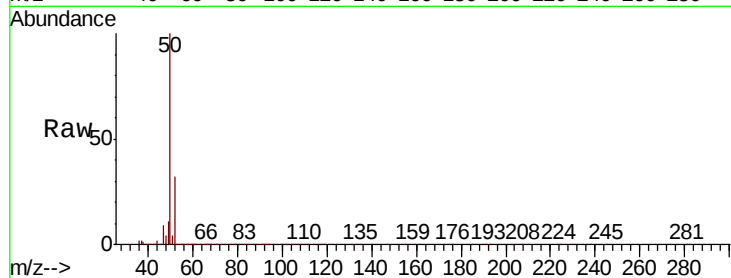




#3
Chloromethane
Concen: 49.168 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

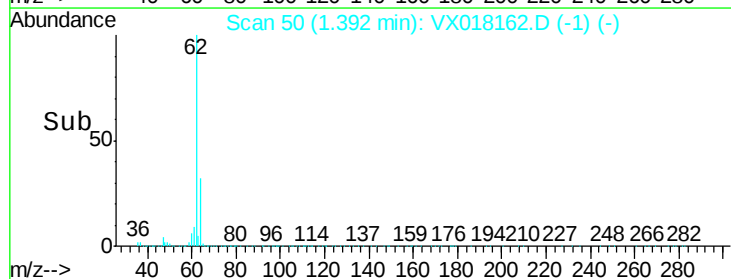
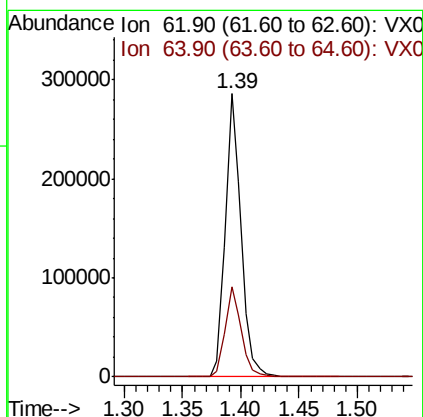
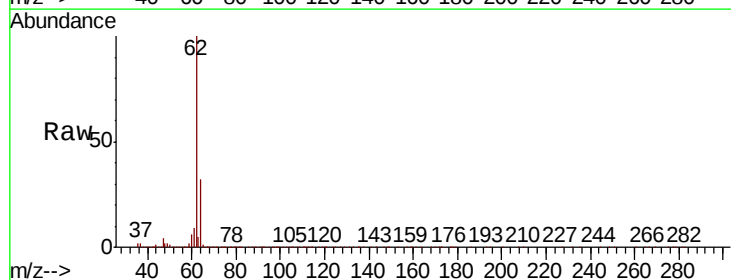
Instrument :
MSVOA_X
ClientSampleId :
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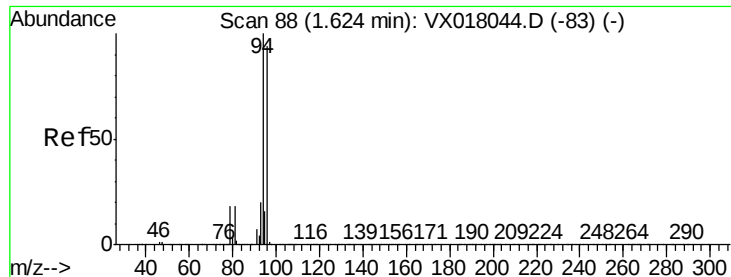
Tot Ion: 50 Resp: 277158
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2



#4
Vinyl Chloride
Concen: 47.719 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion: 62 Resp: 267769
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7





#5

Bromomethane

Concen: 60.165 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

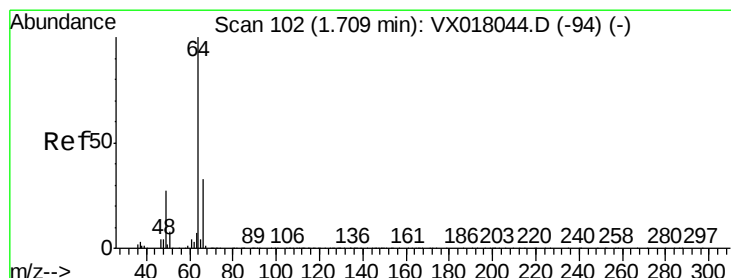
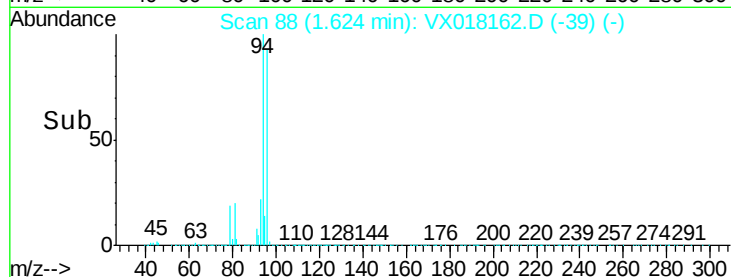
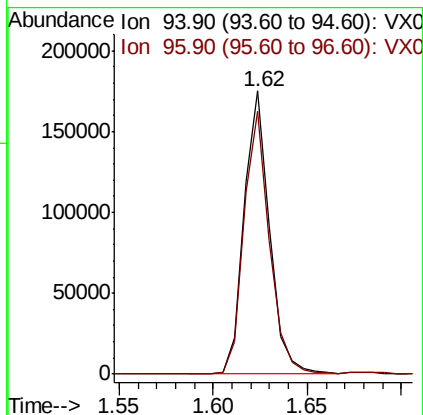
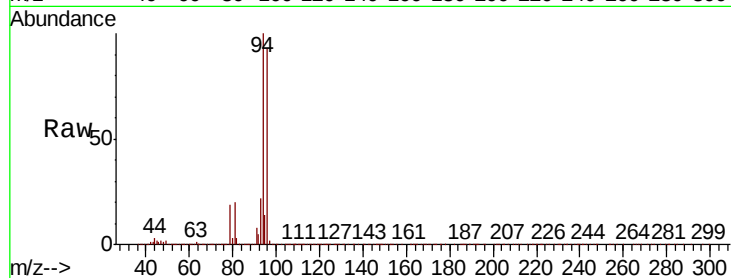
VSTDCCC050

Tot Ion: 94 Resp: 162842

Ion Ratio Lower Upper

94 100

96 92.8 74.8 112.2



#6

Chloroethane

Concen: 51.772 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018162.D

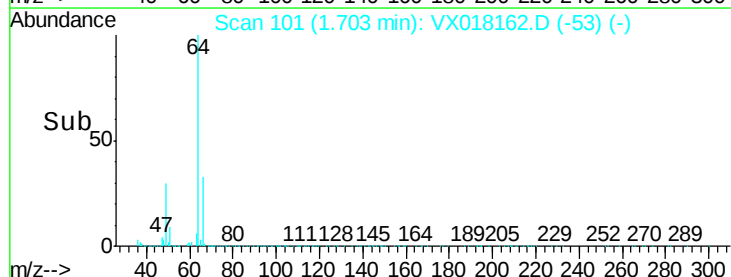
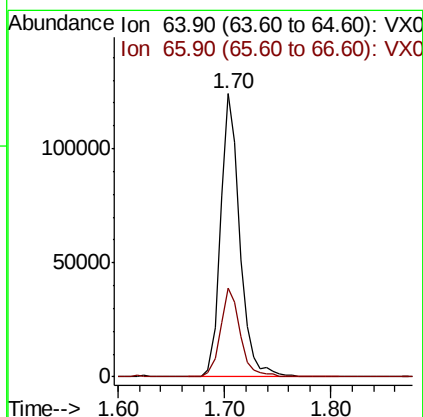
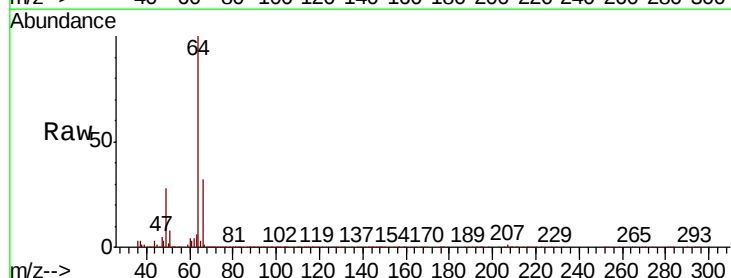
Acq: 31 Aug 2020 21:13

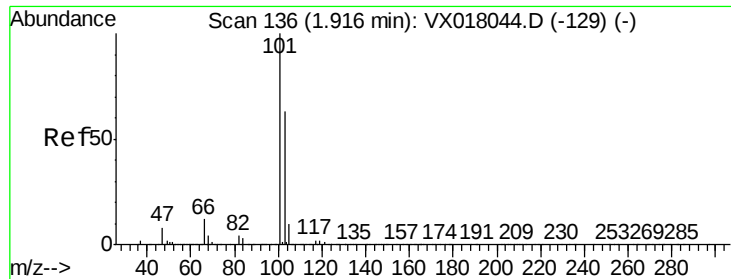
Tgt Ion: 64 Resp: 156033

Ion Ratio Lower Upper

64 100

66 31.4 26.6 39.8



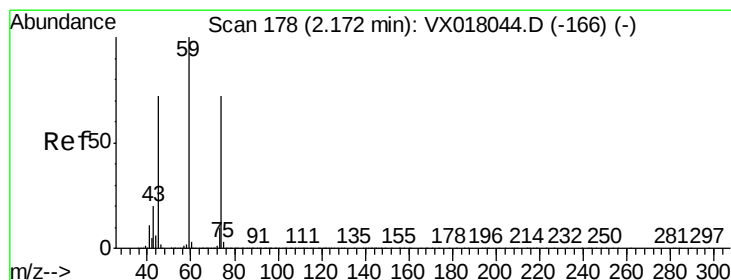
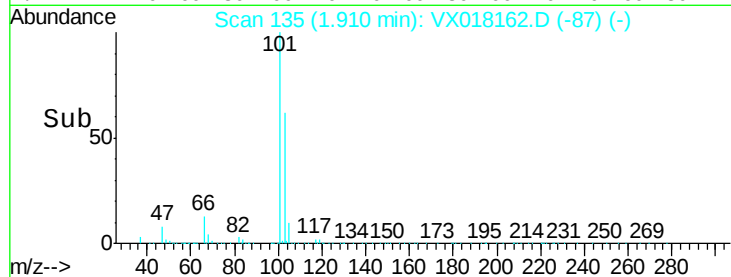
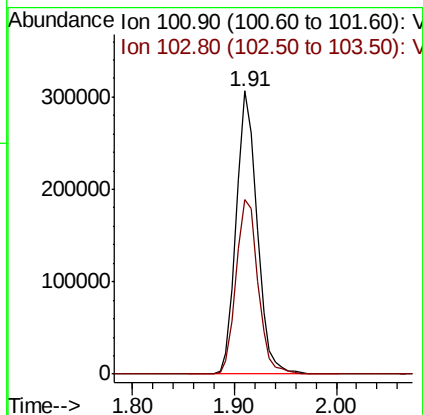
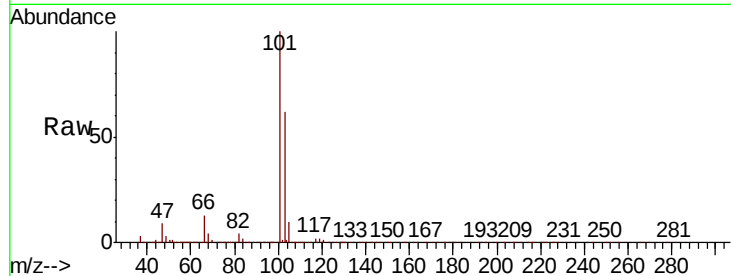


#7

Trichlorofluoromethane
Concen: 56.298 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018162.D
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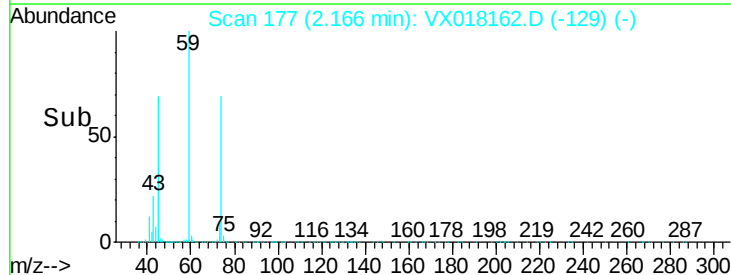
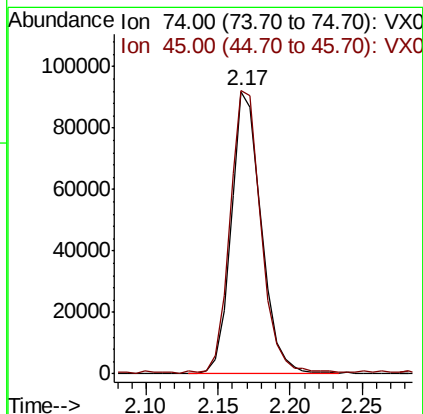
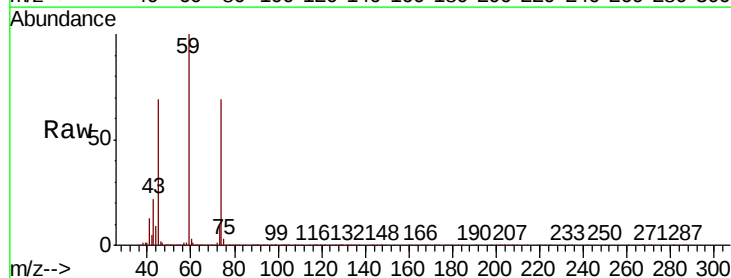
Tot Ion:101 Resp: 430765
Ion Ratio Lower Upper
101 100
103 61.9 50.7 76.1

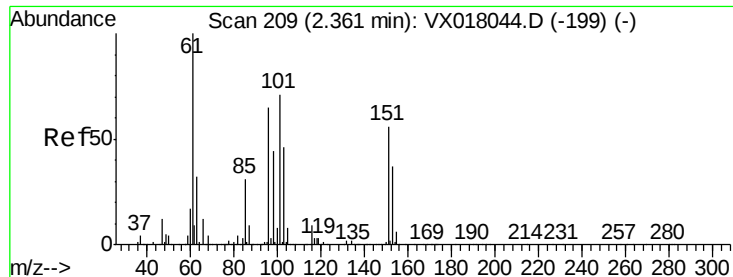


#8

Diethyl Ether
Concen: 51.957 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion: 74 Resp: 134822
Ion Ratio Lower Upper
74 100
45 102.3 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.455 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

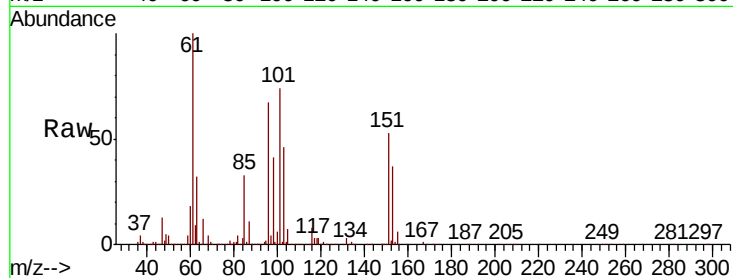
Tot Ion:101 Resp: 212849

Ion Ratio Lower Upper

101 100

85 44.2 34.0 51.0

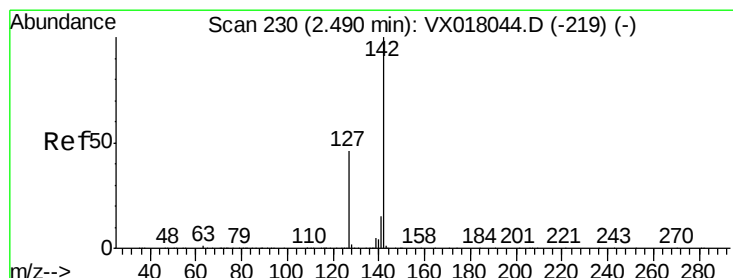
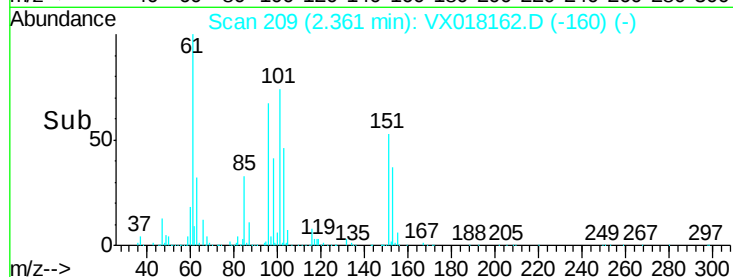
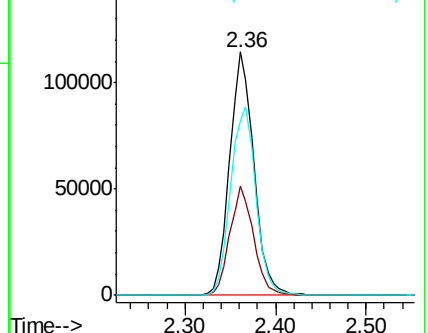
151 80.8 65.2 97.8



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: 57.295 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

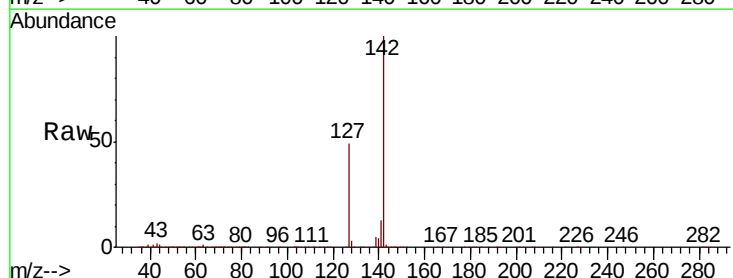
Tgt Ion:142 Resp: 257393

Ion Ratio Lower Upper

142 100

127 48.0 37.0 55.6

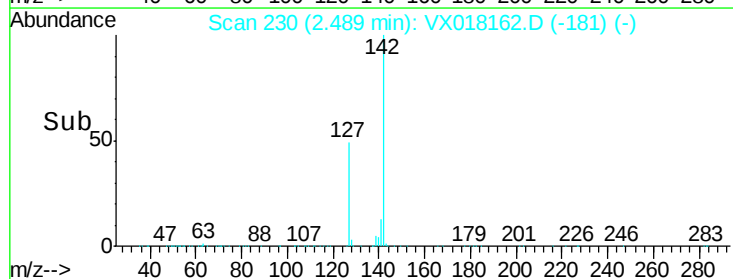
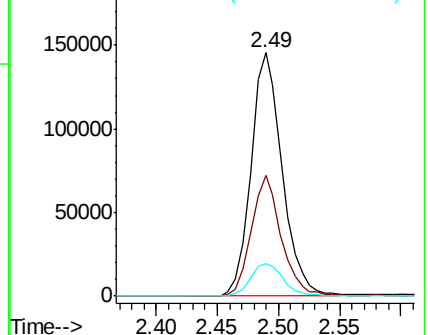
141 14.0 11.5 17.3

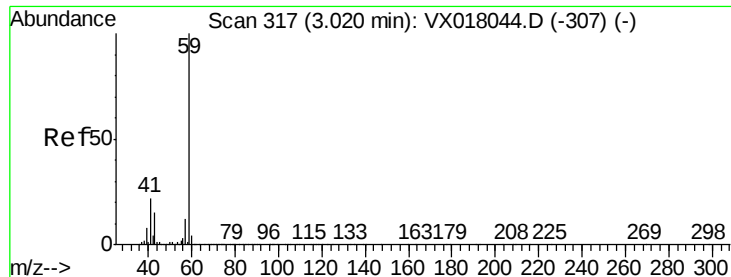


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



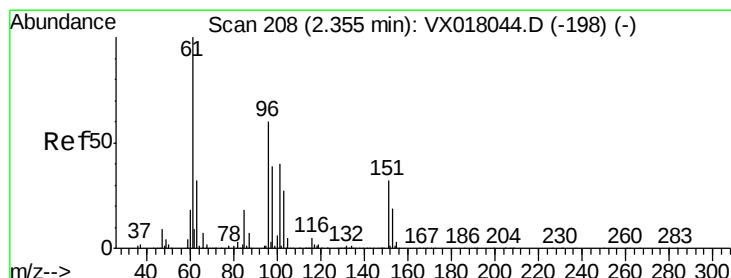
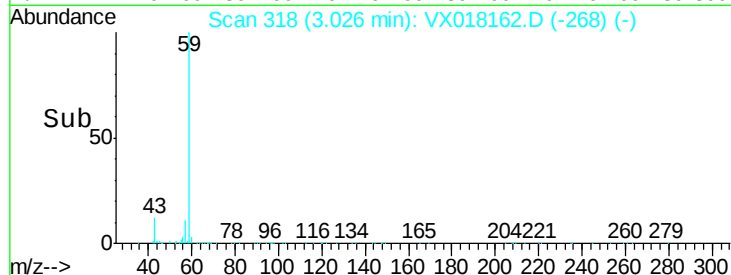
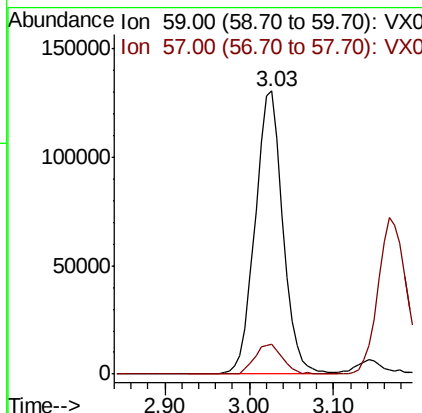
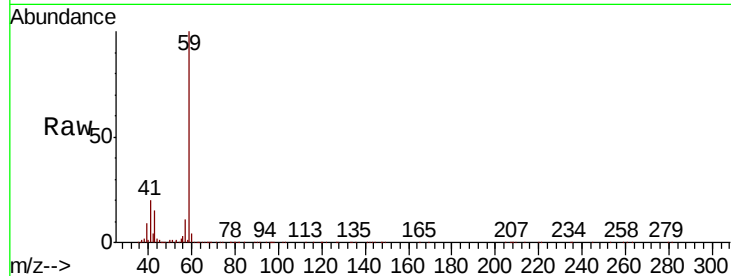


#11

Tert butyl alcohol
 Concen: 249.052 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

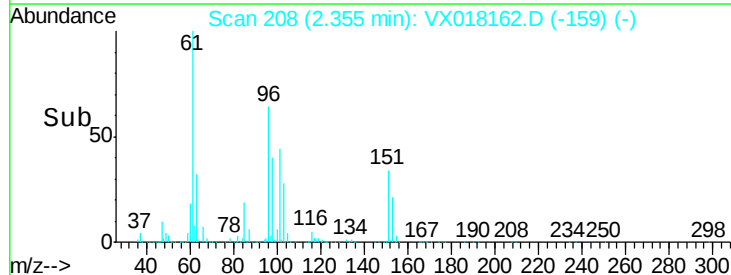
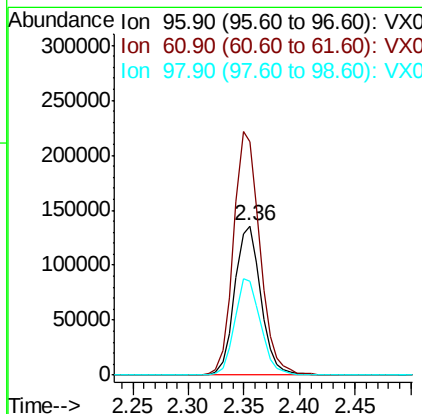
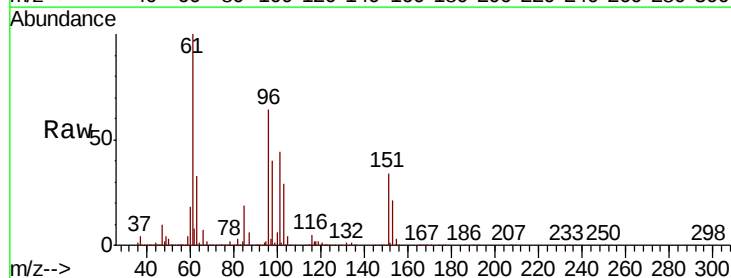
Tot Ion: 59 Resp: 295224
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.9 13.3

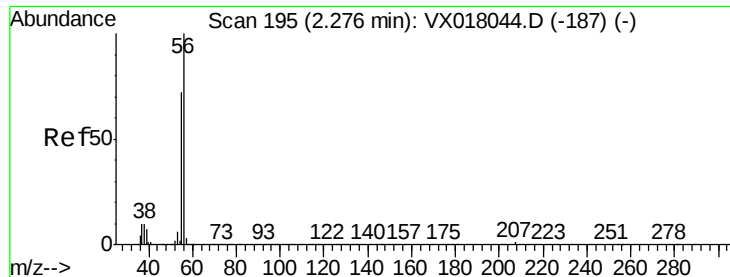


#12

1,1-Dichloroethene
 Concen: 51.377 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion: 96 Resp: 220489
 Ion Ratio Lower Upper
 96 100
 61 156.2 133.0 199.4
 98 63.0 51.6 77.4





#13

Acrolein

Concen: 274.089 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

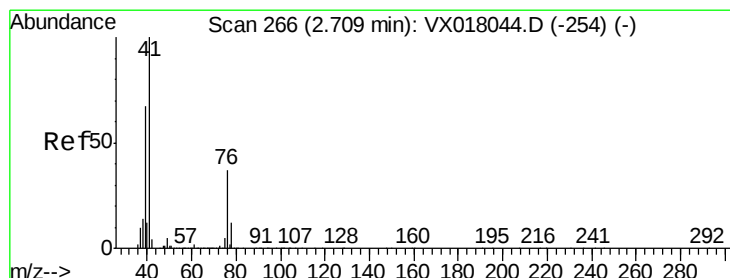
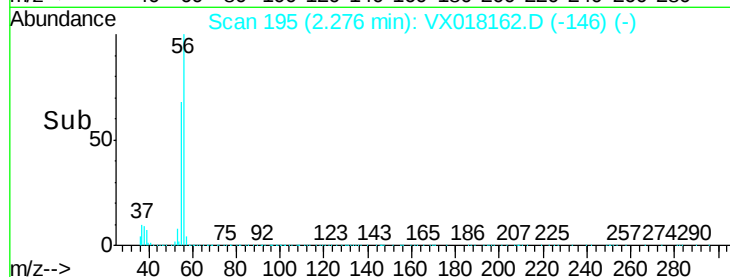
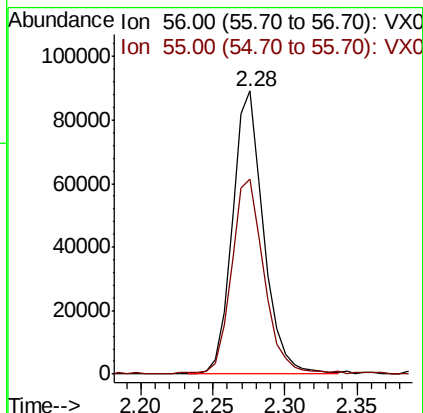
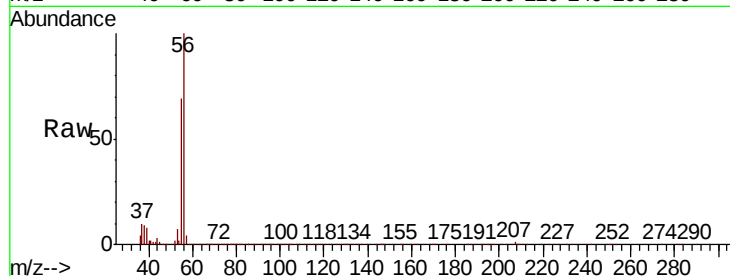
VSTDCCC050

Tot Ion: 56 Resp: 134719

Ion Ratio Lower Upper

56 100

55 71.8 57.0 85.6



#14

Allyl chloride

Concen: 50.267 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

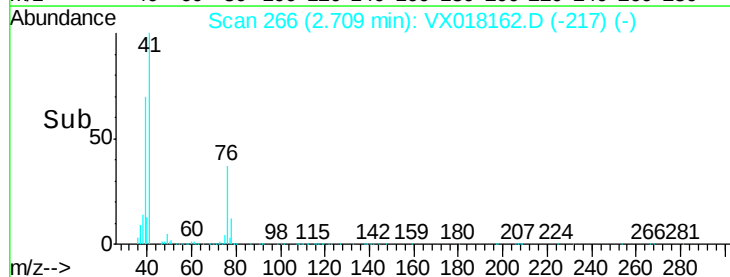
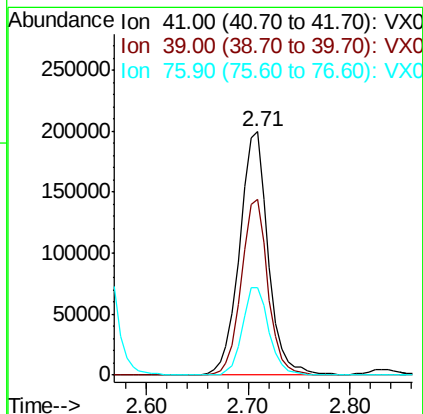
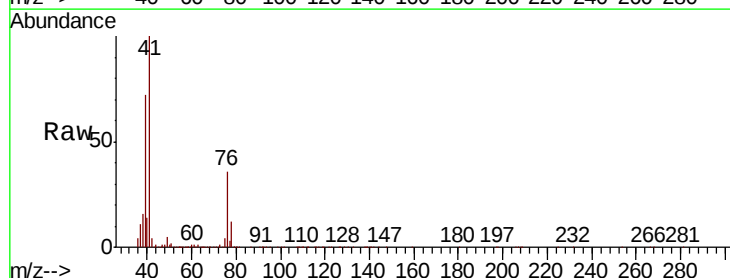
Tgt Ion: 41 Resp: 387580

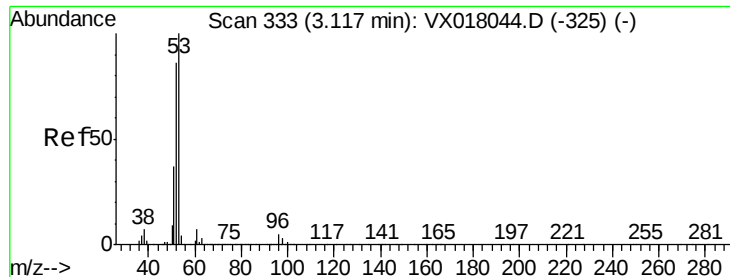
Ion Ratio Lower Upper

41 100

39 67.3 50.6 76.0

76 33.3 26.2 39.2





#15

Acrylonitrile

Concen: 247.899 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

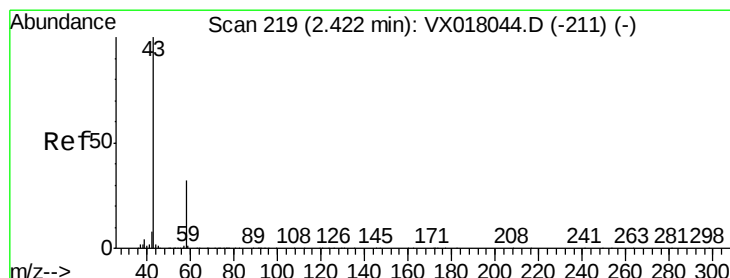
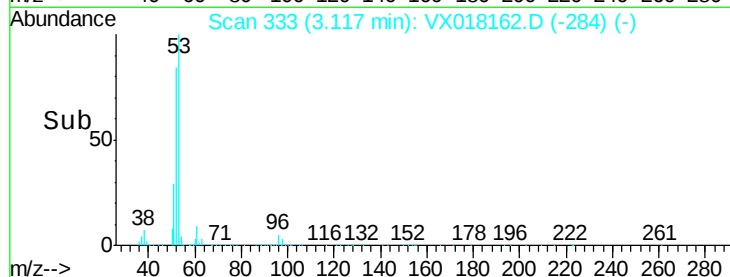
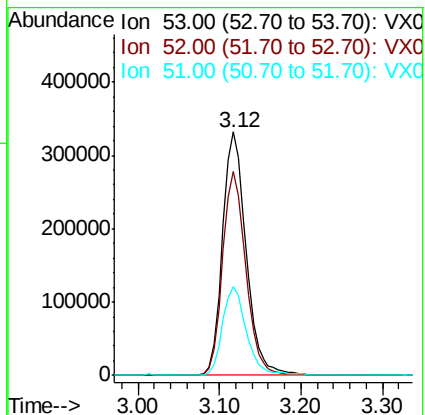
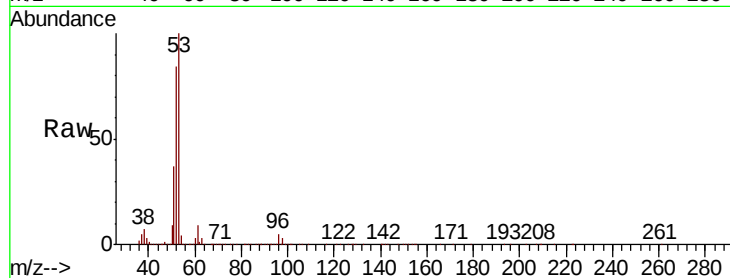
Tot Ion: 53 Resp: 666581

Ion Ratio Lower Upper

53 100

52 82.4 66.9 100.3

51 37.1 28.7 43.1



#16

Acetone

Concen: 248.638 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018162.D

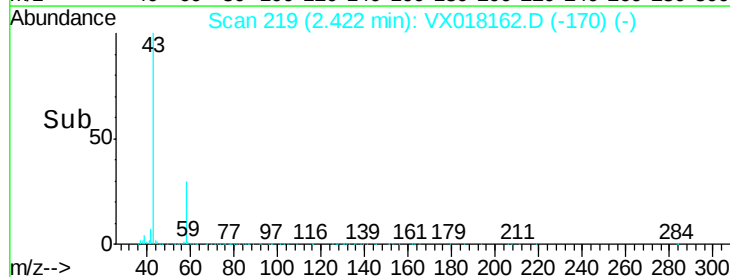
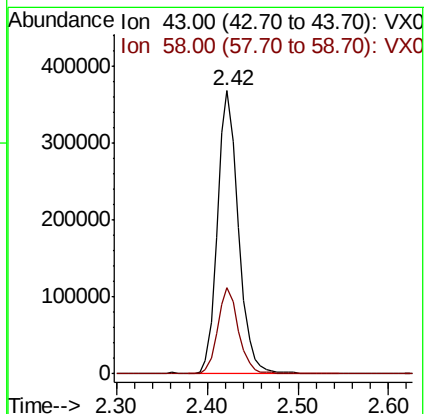
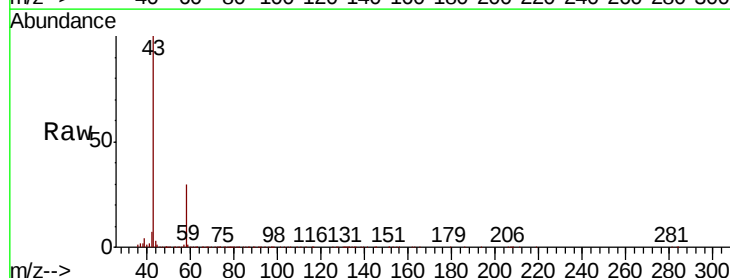
Acq: 31 Aug 2020 21:13

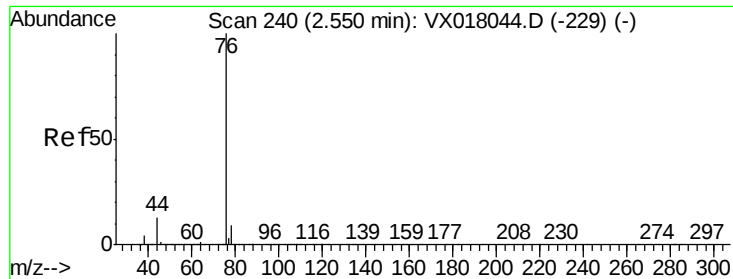
Tgt Ion: 43 Resp: 590664

Ion Ratio Lower Upper

43 100

58 30.3 25.5 38.3

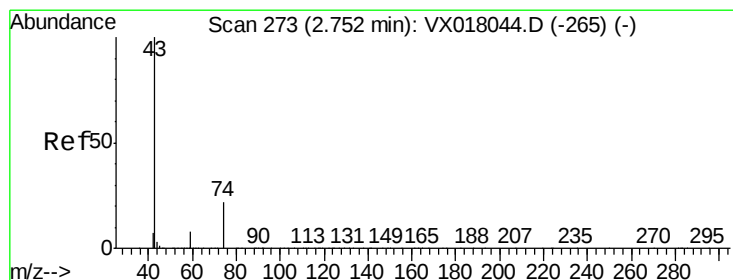
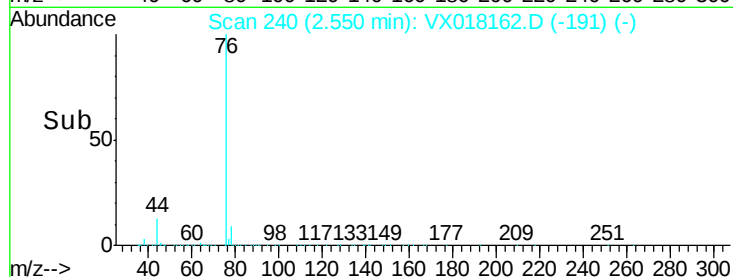
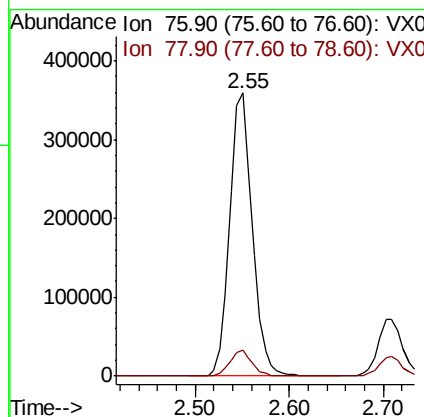
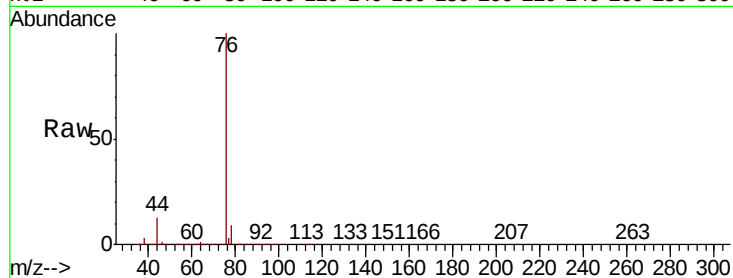




#17
Carbon Disulfide
Concen: 46.271 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

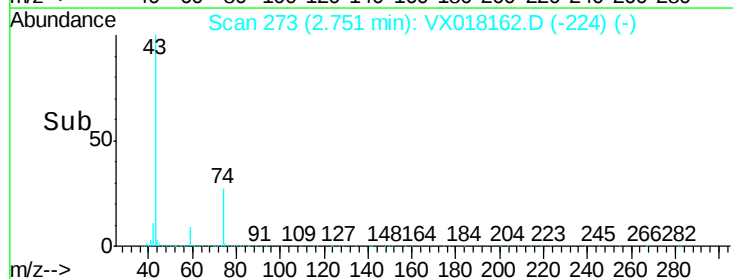
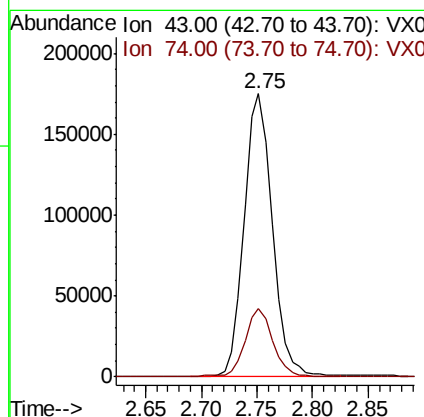
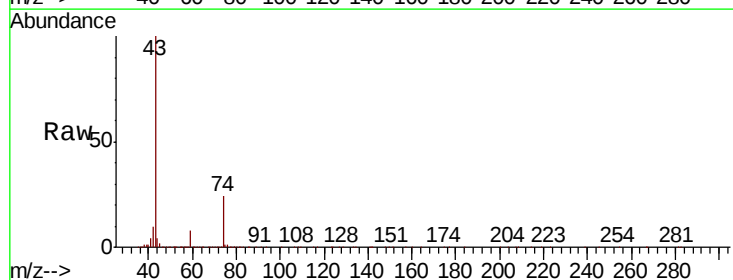
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

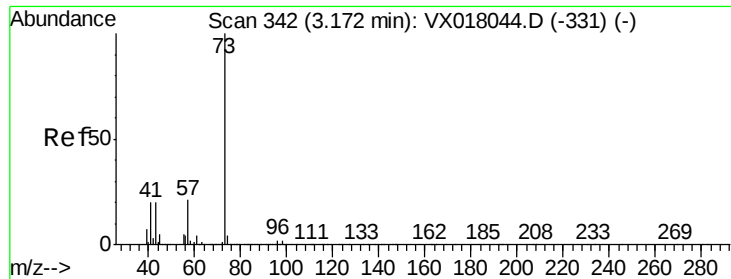
Tot Ion: 76 Resp: 600304
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 53.663 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion: 43 Resp: 307631
Ion Ratio Lower Upper
43 100
74 24.2 18.2 27.4



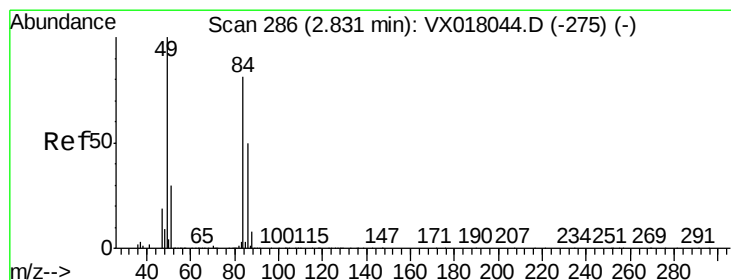
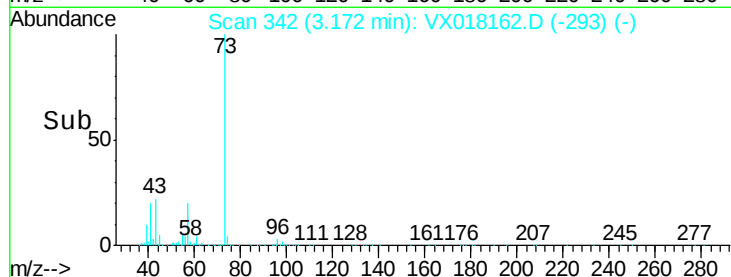
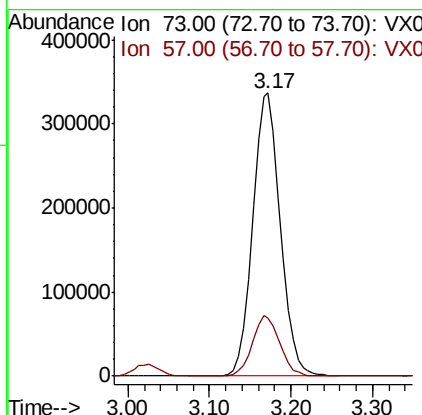
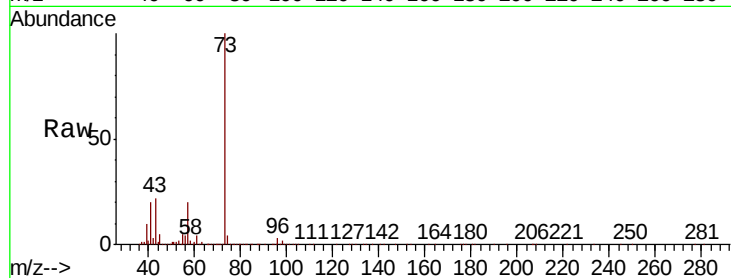


#19

Methyl tert-butyl Ether
 Concen: 53.798 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

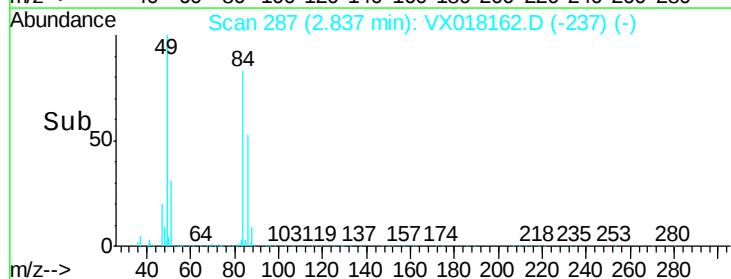
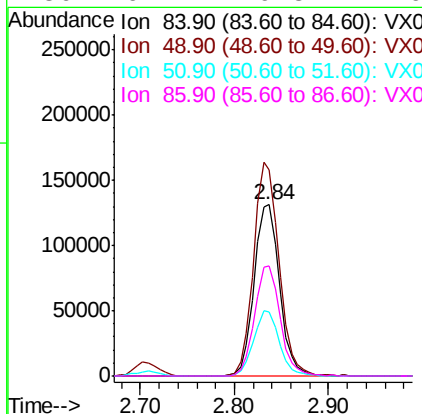
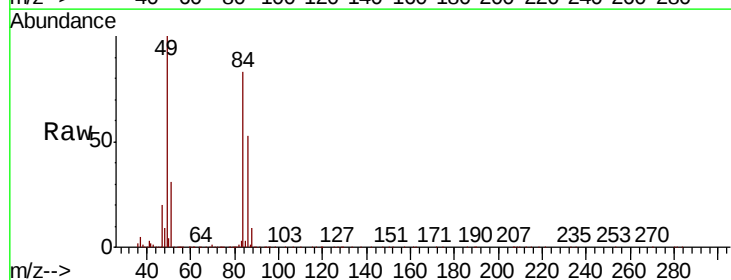
Tot Ion: 73 Resp: 791797
 Ion Ratio Lower Upper
 73 100
 57 20.4 16.8 25.2

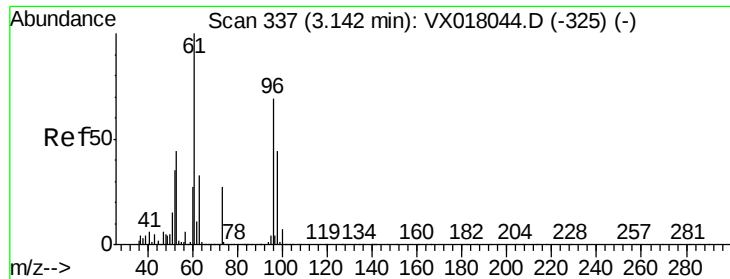


#20

Methylene Chloride
 Concen: 51.232 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion: 84 Resp: 248712
 Ion Ratio Lower Upper
 84 100
 49 120.3 98.6 148.0
 51 37.4 29.6 44.4
 86 64.4 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 50.393 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

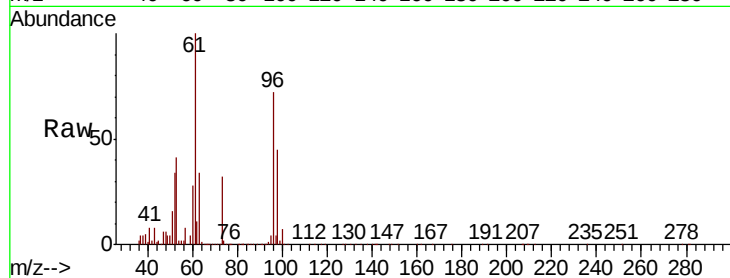
Tot Ion: 96 Resp: 239606

Ion Ratio Lower Upper

96 100

61 138.3 115.4 173.0

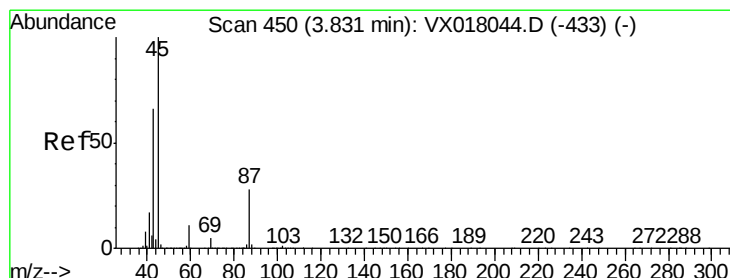
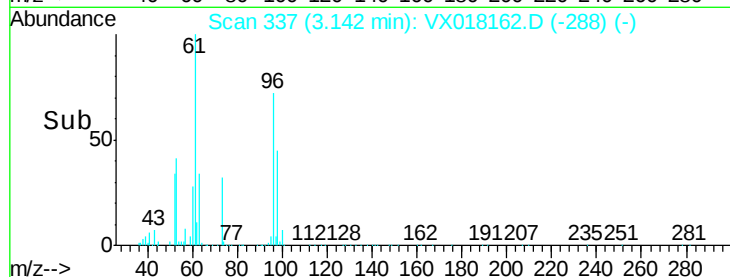
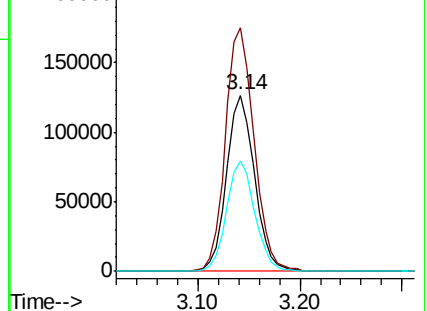
98 62.5 51.1 76.7



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: 51.771 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Tgt Ion: 45 Resp: 787858

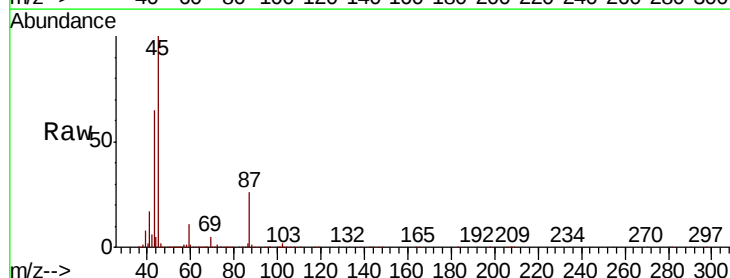
Ion Ratio Lower Upper

45 100

43 64.8 52.8 79.2

87 26.5 22.5 33.7

59 11.0 9.0 13.6

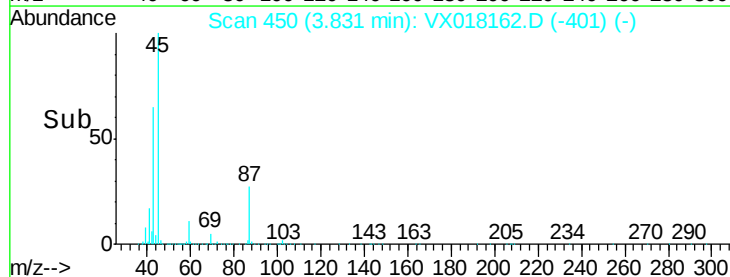
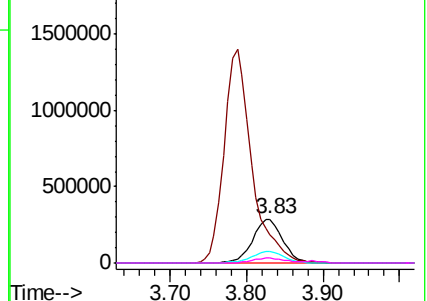


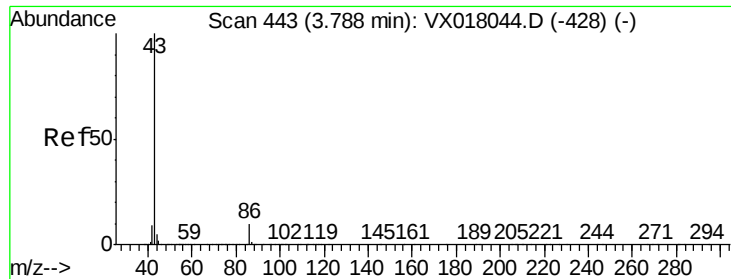
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 260.089 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

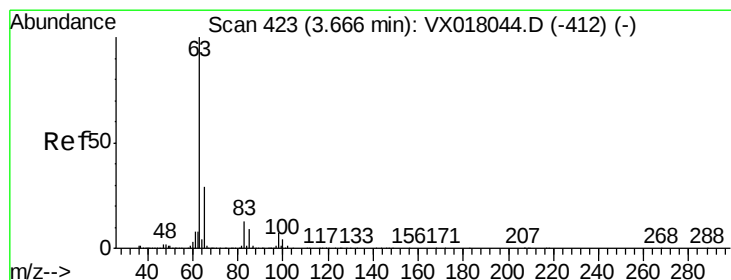
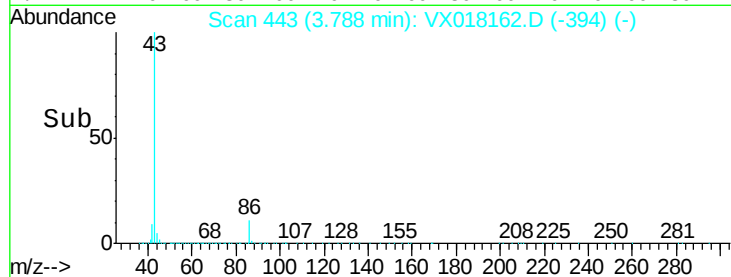
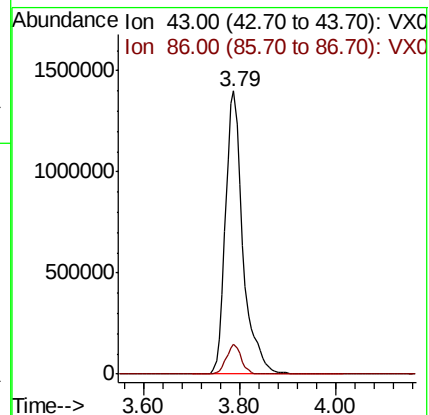
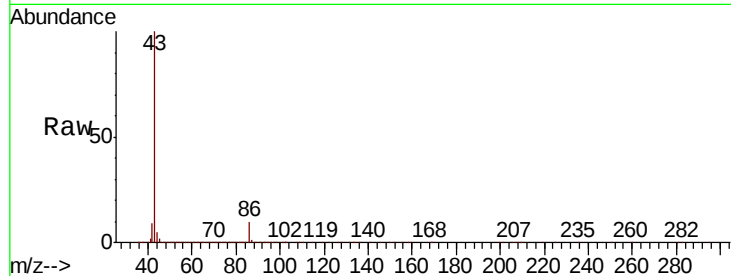
VSTDCCC050

Tot Ion: 43 Resp: 3521907

Ion Ratio Lower Upper

43 100

86 10.5 7.9 11.9



#24

1,1-Dichloroethane

Concen: 51.547 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

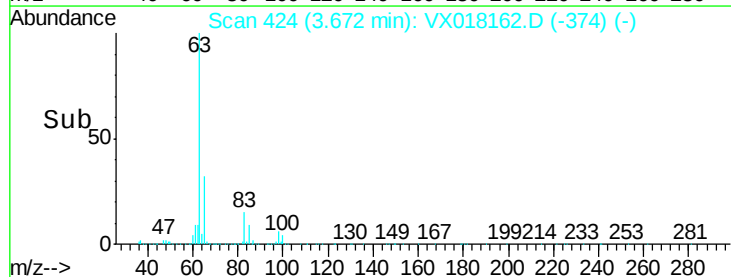
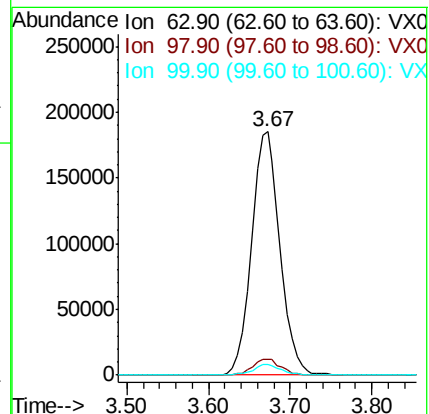
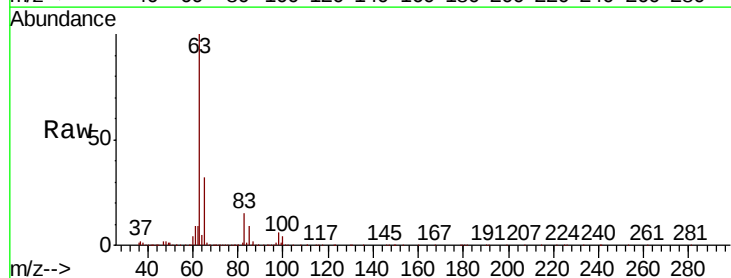
Tgt Ion: 63 Resp: 446541

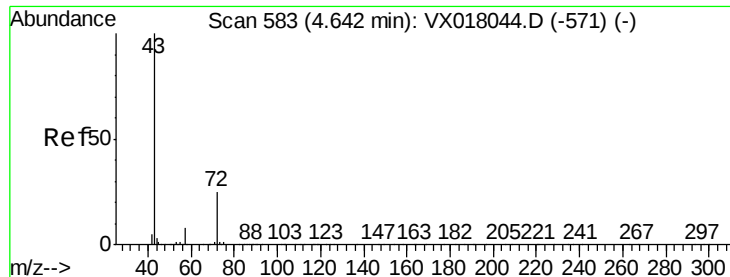
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 240.772 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

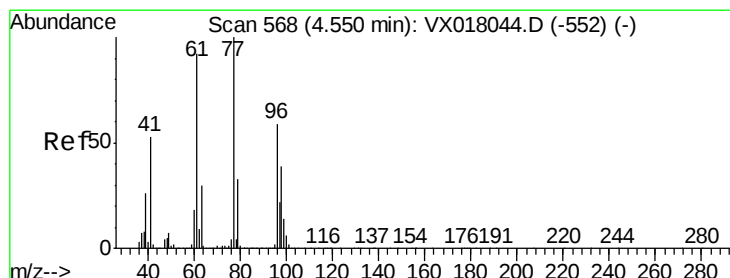
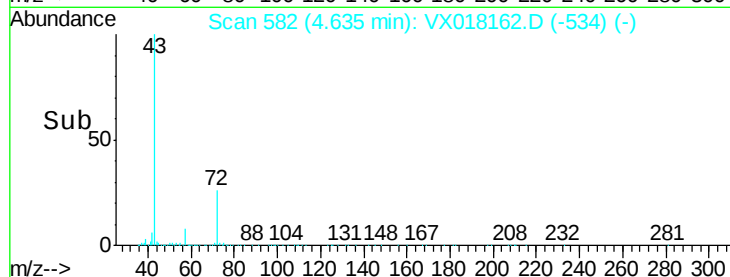
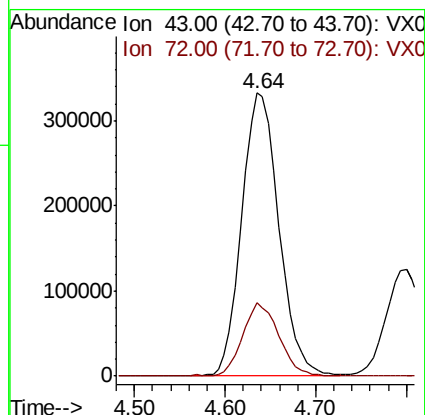
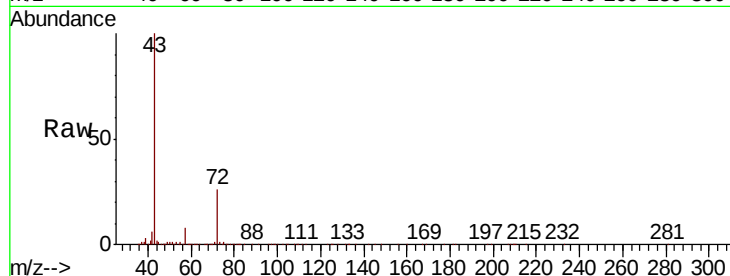
VSTDCCC050

Tot Ion: 43 Resp: 940021

Ion Ratio Lower Upper

43 100

72 26.0 19.8 29.6



#26

2,2-Dichloropropane

Concen: 48.932 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018162.D

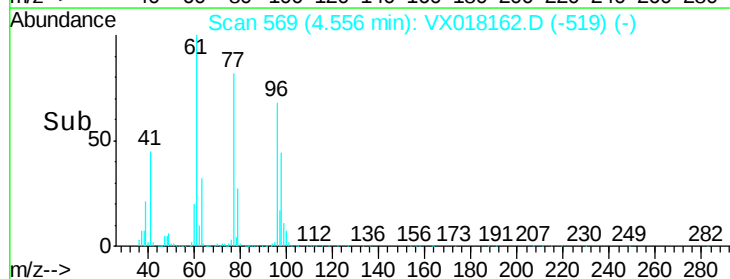
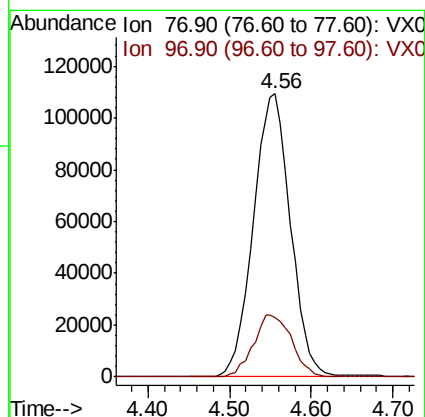
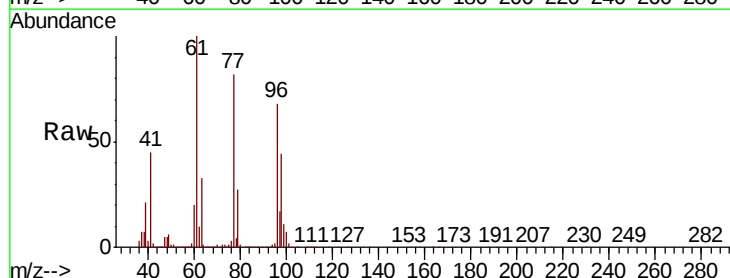
Acq: 31 Aug 2020 21:13

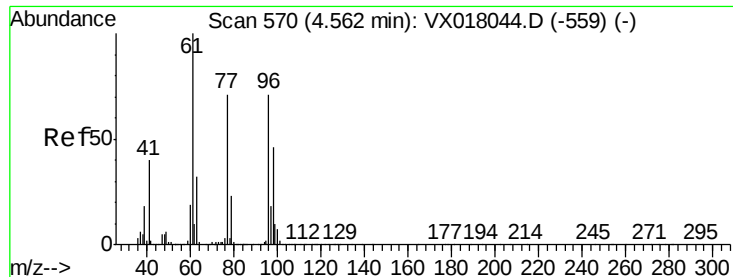
Tgt Ion: 77 Resp: 344892

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 49.467 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

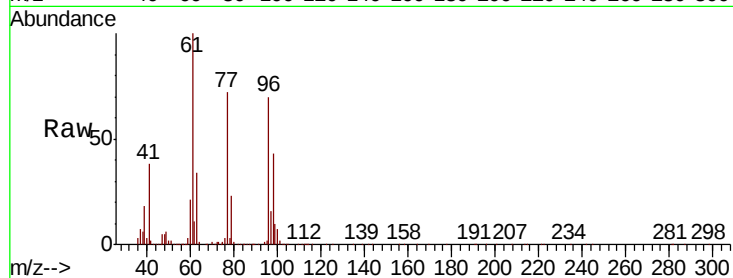
Tot Ion: 96 Resp: 270997

Ion Ratio Lower Upper

96 100

61 146.4 0.0 296.6

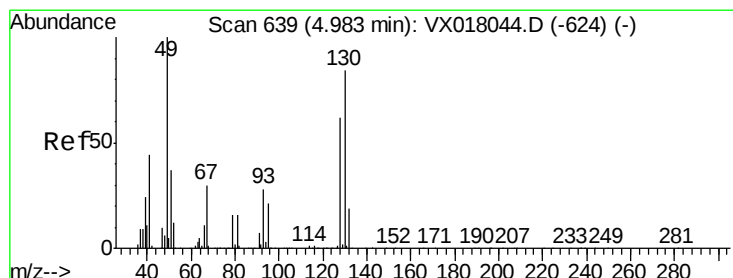
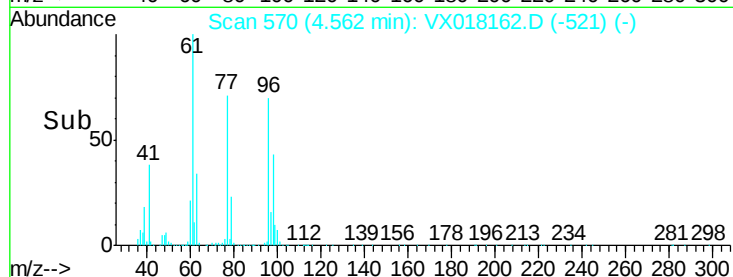
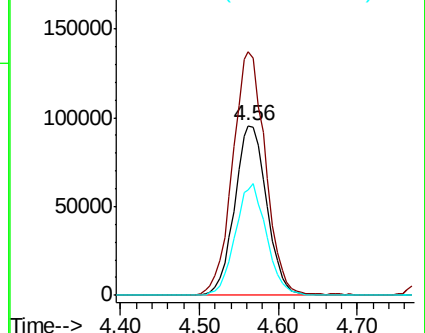
98 64.0 0.0 130.2



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



#28

Bromochloromethane

Concen: 47.686 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

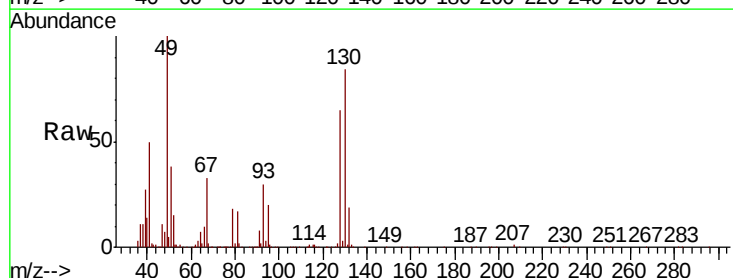
Tgt Ion: 49 Resp: 199398

Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

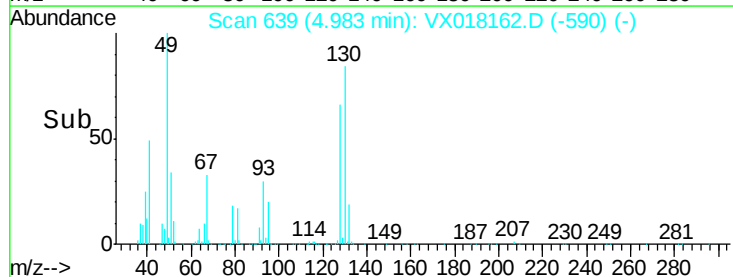
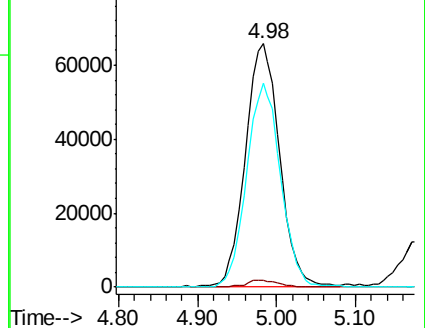
130 82.7 64.6 96.8

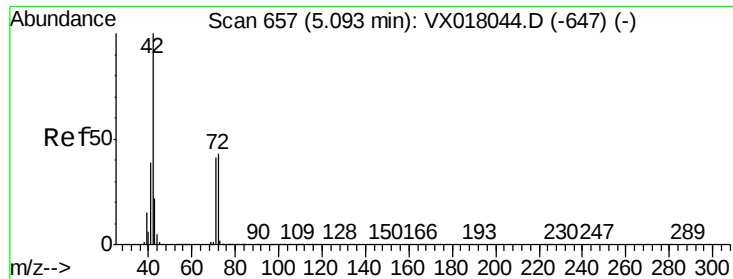


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 244.918 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

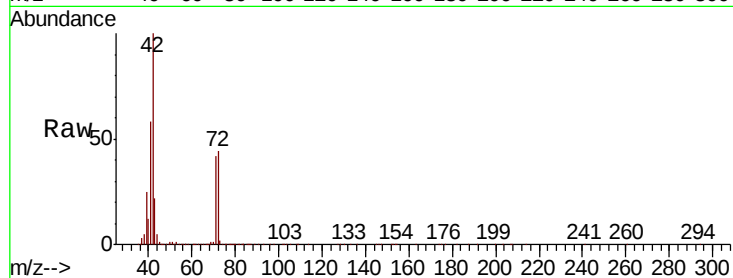
Tot Ion: 42 Resp: 608704

Ion Ratio Lower Upper

42 100

72 44.0 34.2 51.4

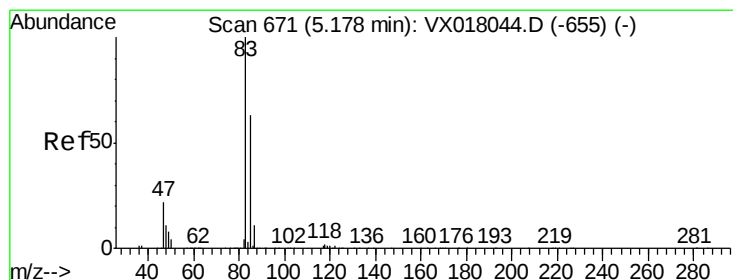
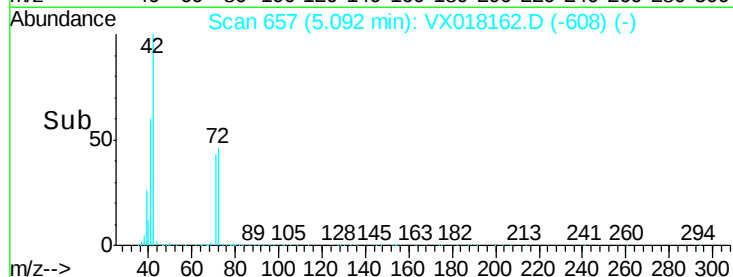
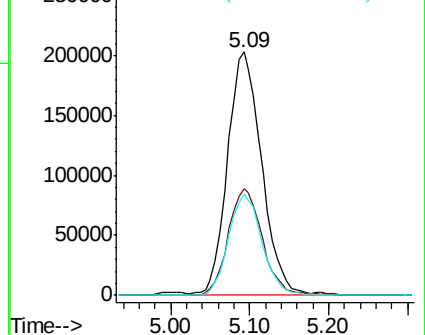
71 41.1 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.665 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX018162.D

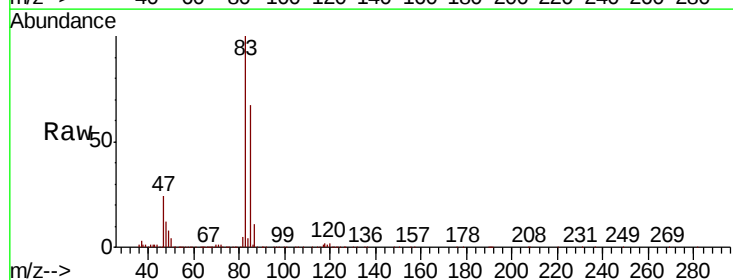
Acq: 31 Aug 2020 21:13

Tgt Ion: 83 Resp: 472400

Ion Ratio Lower Upper

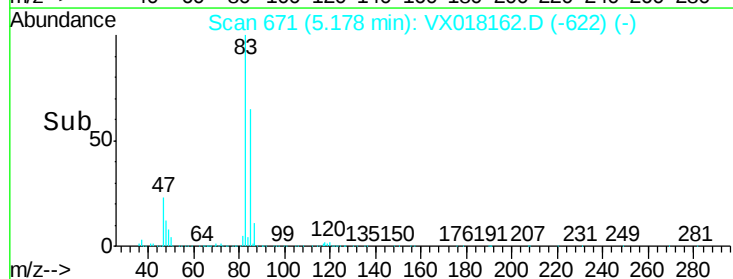
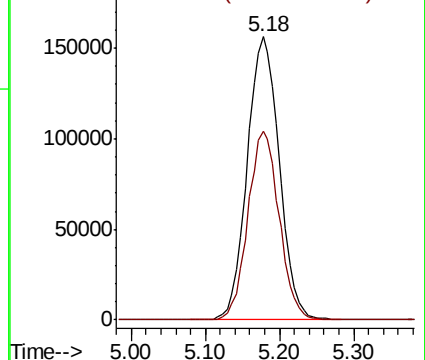
83 100

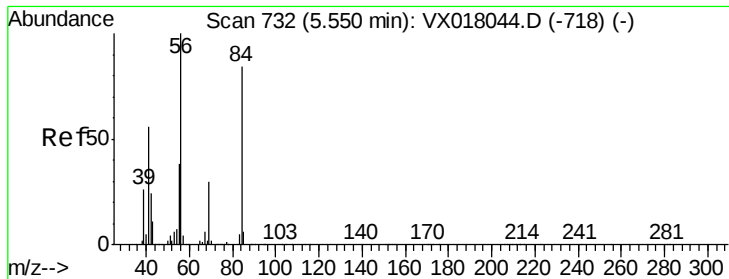
85 66.6 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

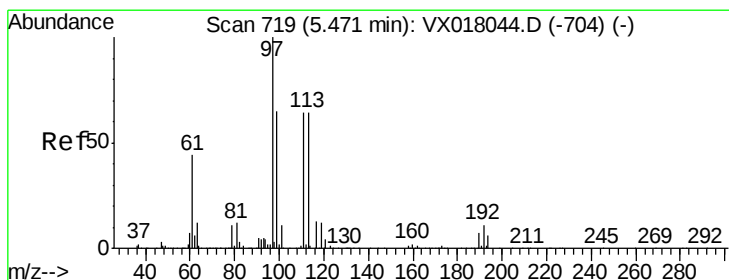
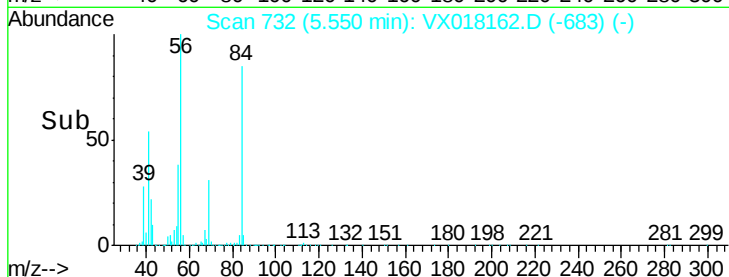
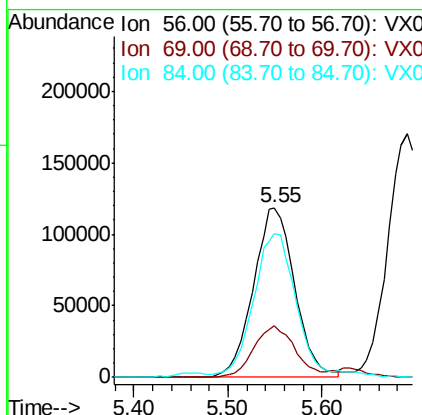
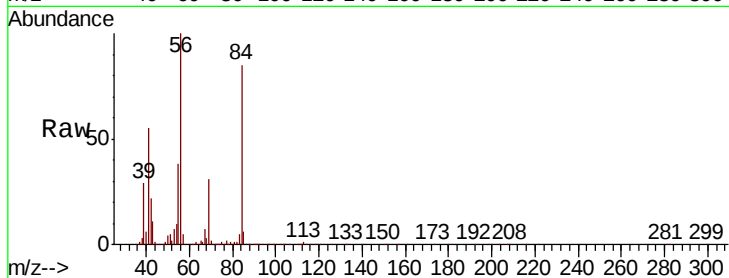




#31
Cyclohexane
Concen: 49.855 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

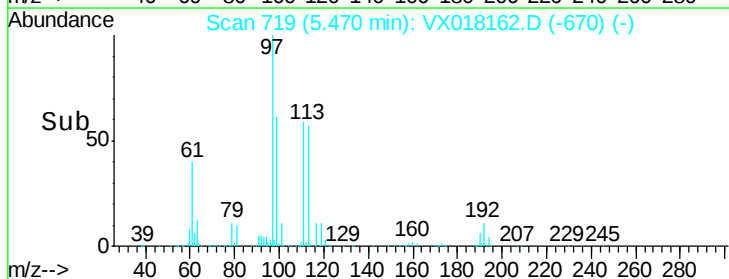
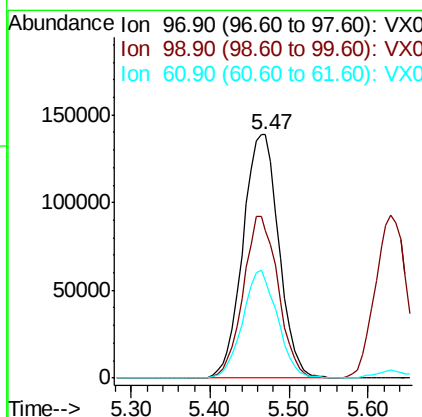
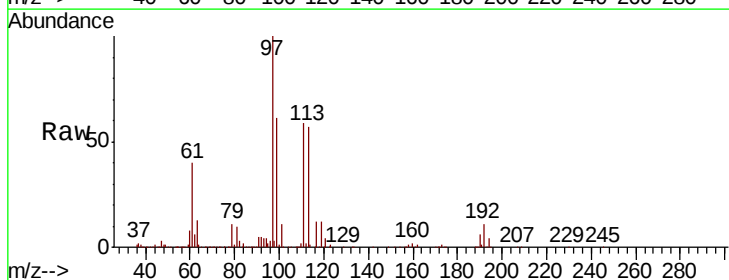
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

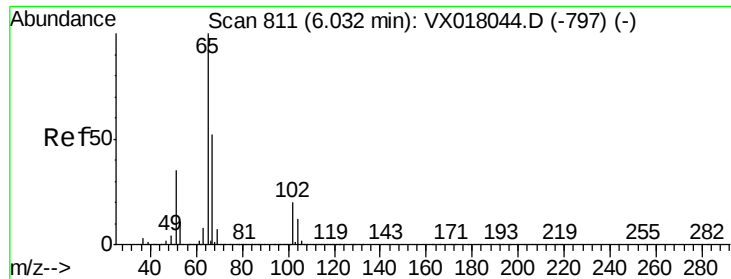
Tot Ion: 56 Resp: 363797
Ion Ratio Lower Upper
56 100
69 30.6 23.9 35.9
84 82.4 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 53.488 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion: 97 Resp: 440292
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 42.8 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 49.294 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

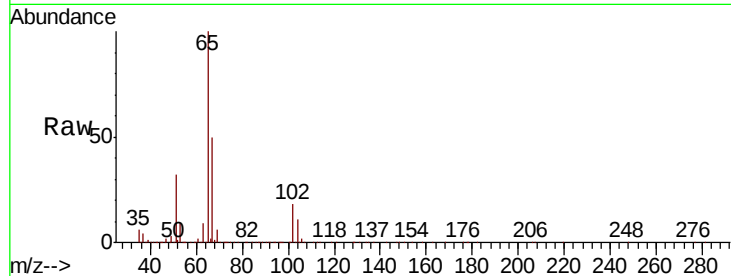
VSTDCCC050

Tot Ion: 65 Resp: 300525

Ion Ratio Lower Upper

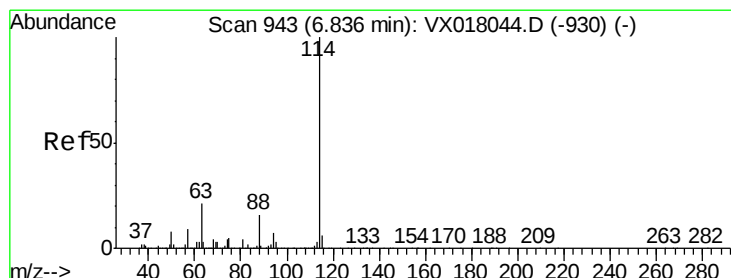
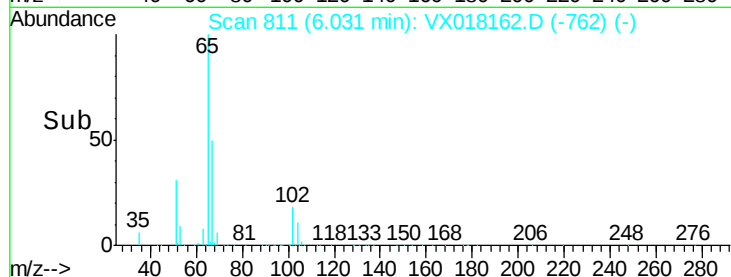
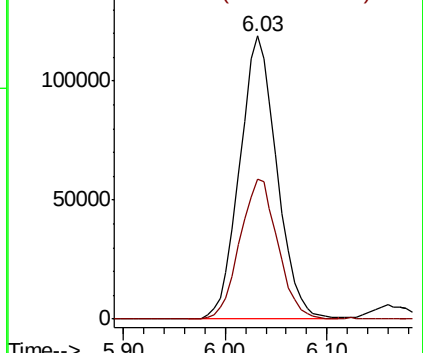
65 100

67 50.3 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

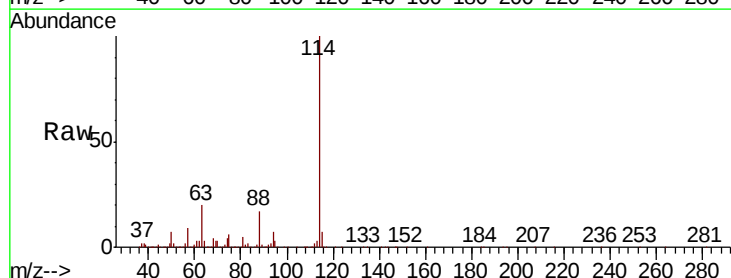
Tgt Ion: 114 Resp: 701119

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

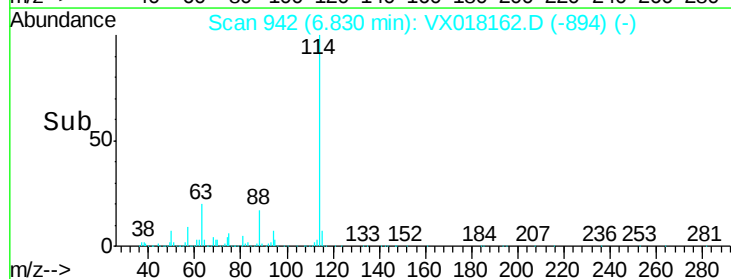
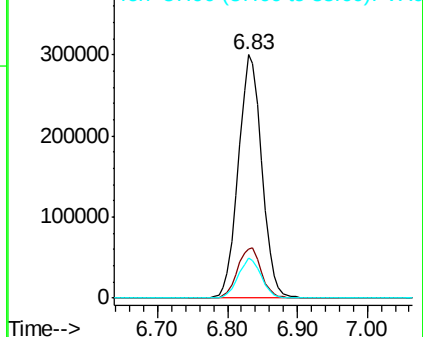
88 16.6 0.0 31.8



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

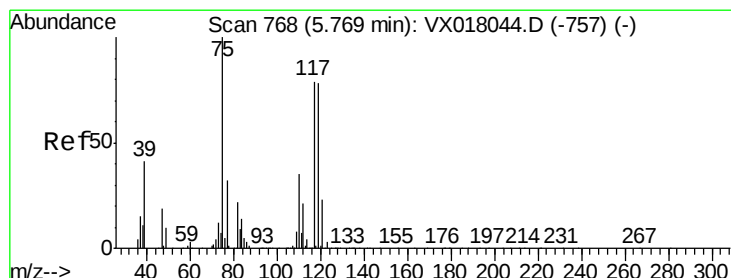
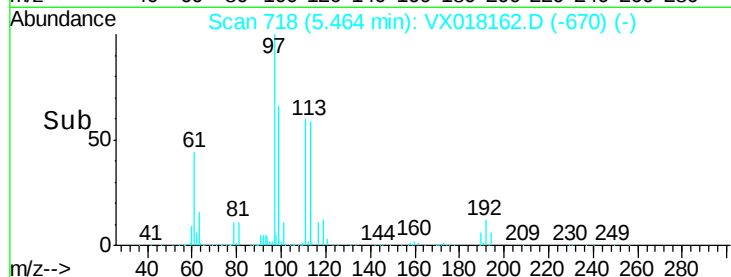
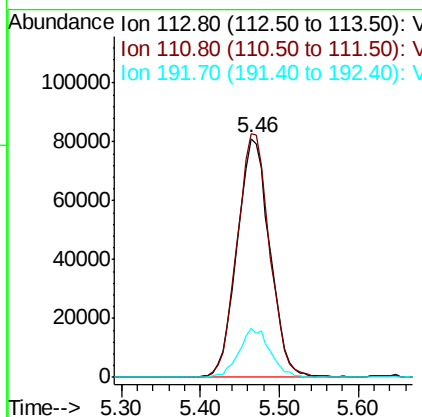
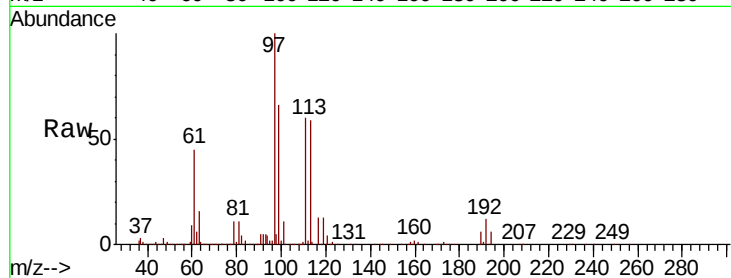




#35
 Dibromofluoromethane
 Concen: 48.978 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

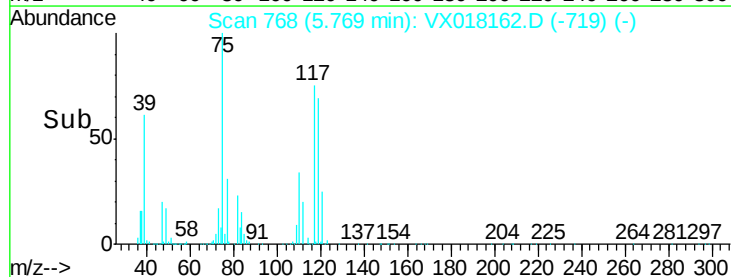
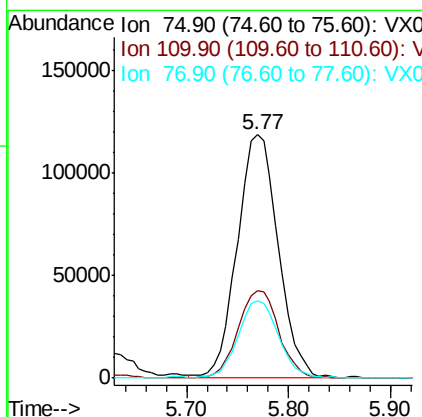
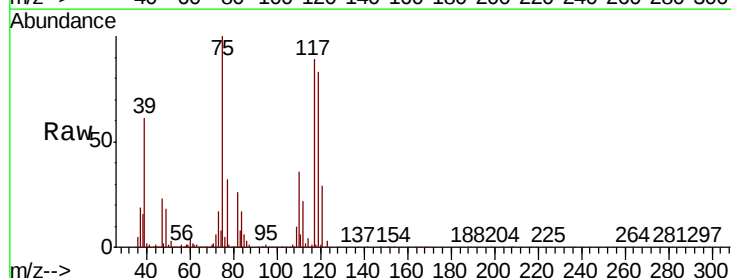
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

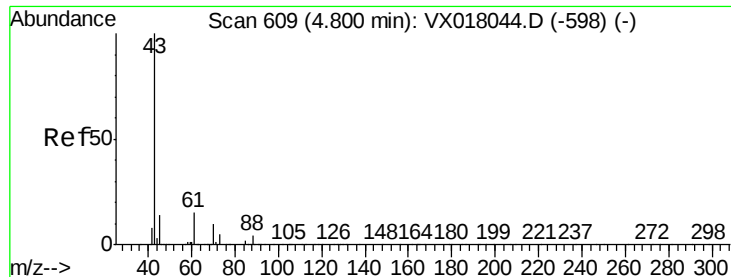
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.6	122.4
192	19.6	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 50.882 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.0	54.0
77	31.1	24.4	36.6

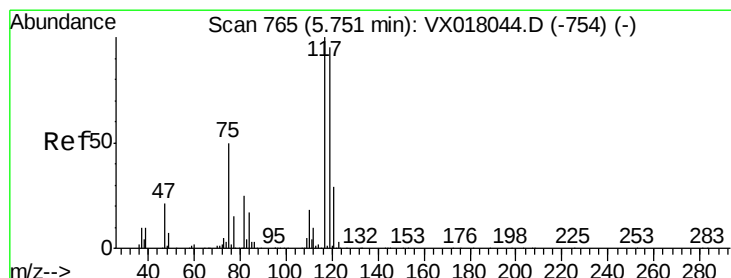
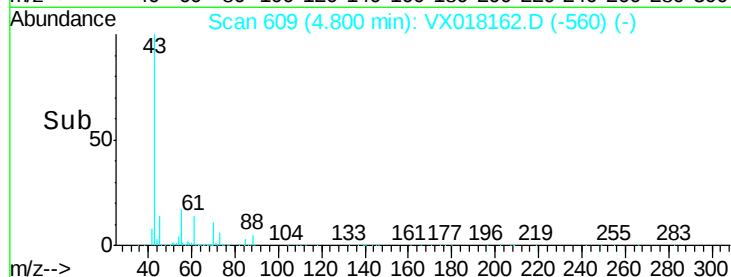
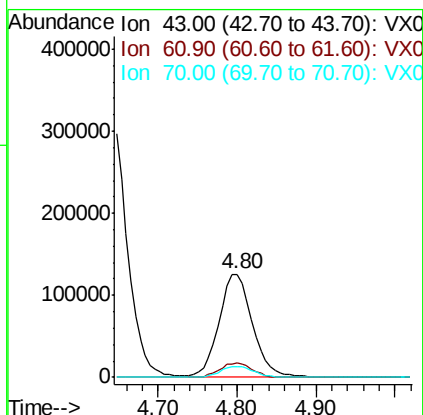
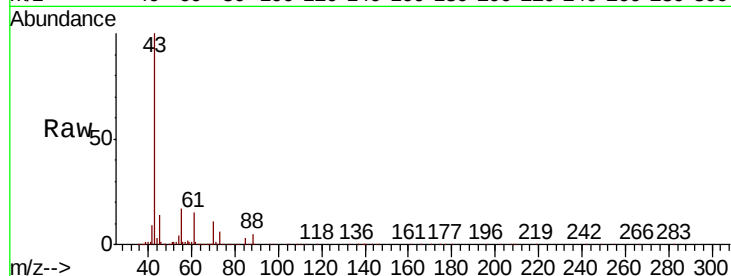




#37
Ethyl Acetate
Concen: 48.568 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

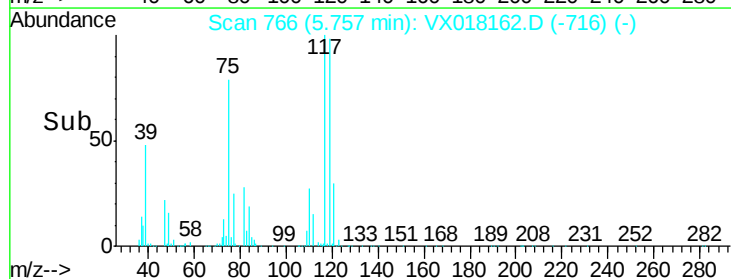
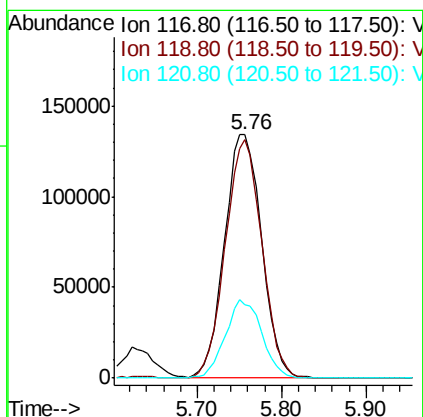
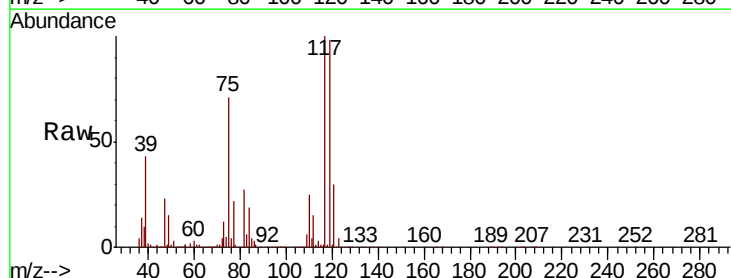
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

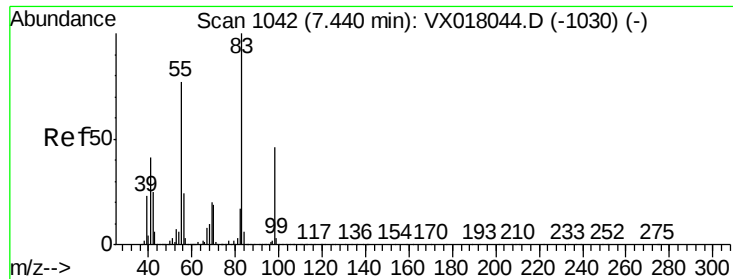
Tot Ion: 43 Resp: 364784
Ion Ratio Lower Upper
43 100
61 13.7 11.3 16.9
70 10.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 55.248 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion: 117 Resp: 402633
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.6
121 30.1 23.4 35.0

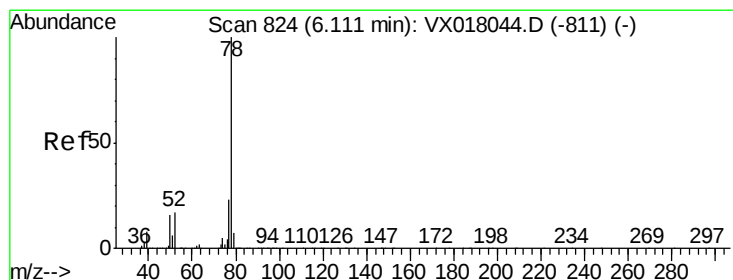
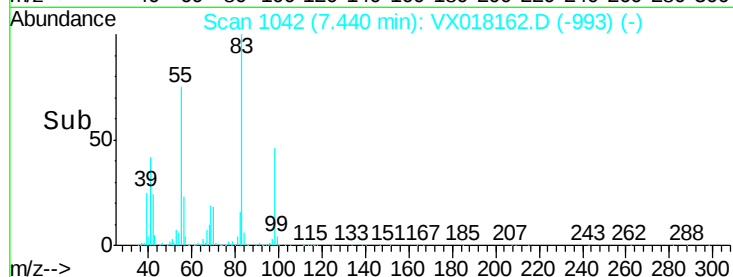
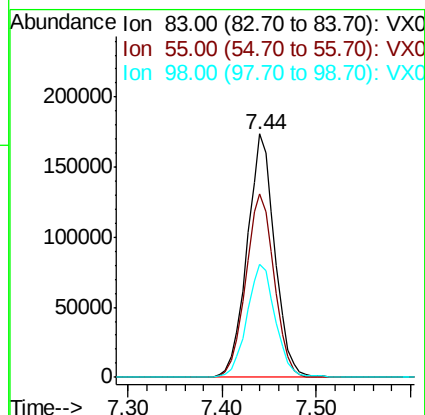
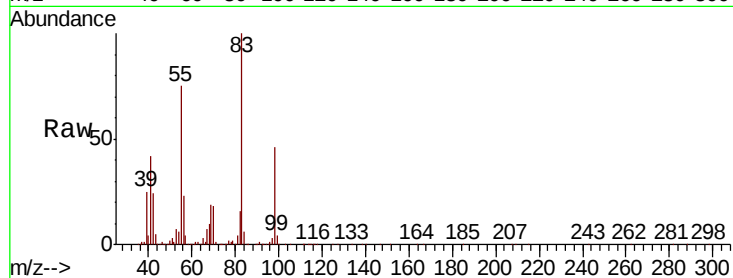




#39
Methvlcvclohexane
Concen: 50.405 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

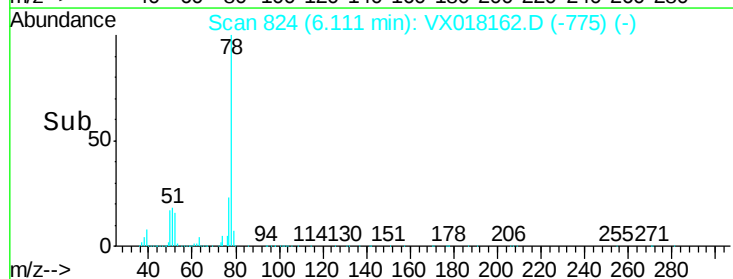
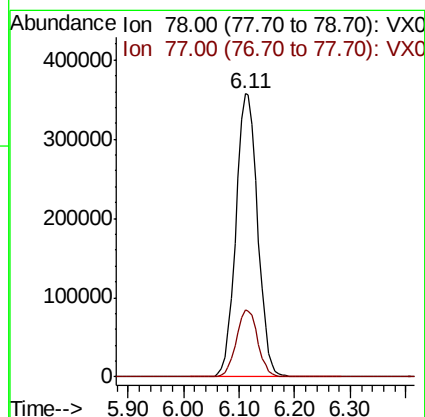
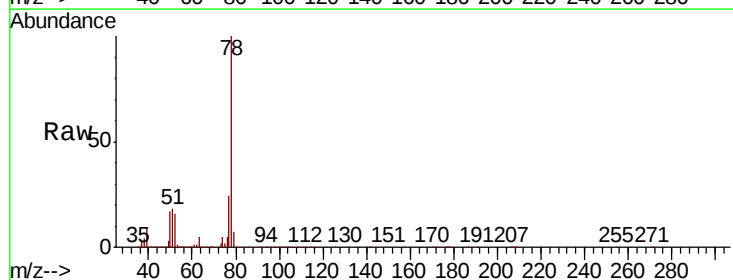
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

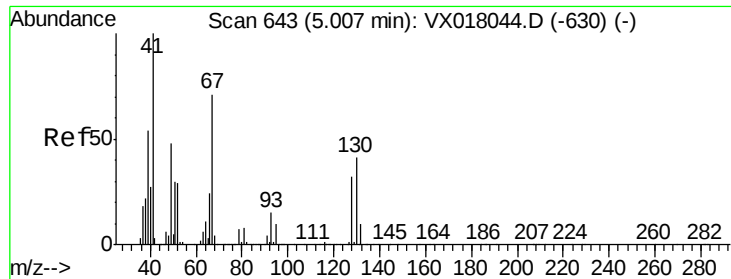
Tot Ion	83	Resp	356427
Ion Ratio	Lower	Upper	
83	100		
55	75.1	61.8	92.6
98	46.2	36.6	55.0



#40
Benzene
Concen: 50.728 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	78	Resp	963919
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.2	27.2





#41

Methacrylonitrile

Concen: 49.854 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

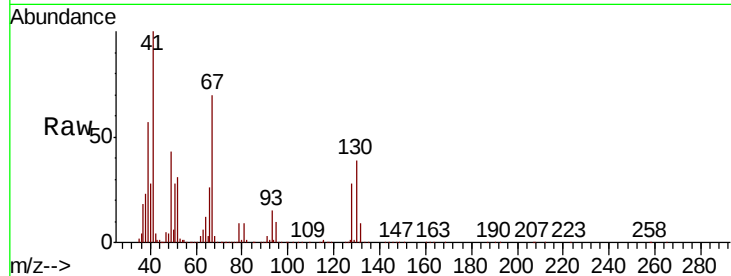
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 205596

Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.1	64.7
67	70.7	56.0	84.0
52	30.6	22.7	34.1

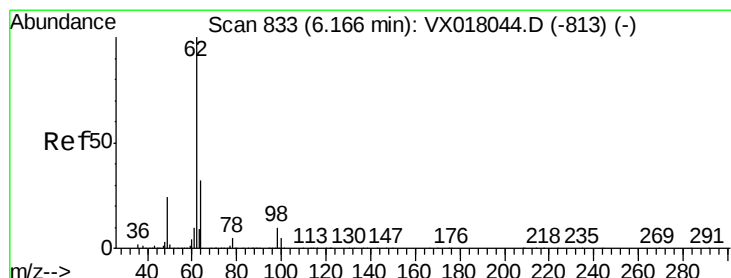
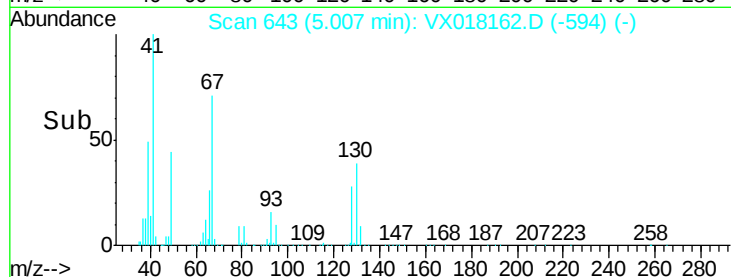


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.350 ug/l

RT: 6.16 min Scan# 832

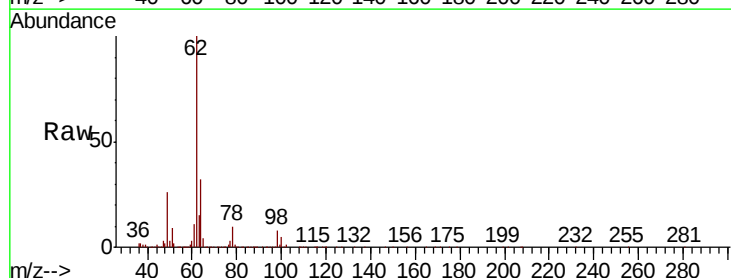
Delta R.T. -0.01 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

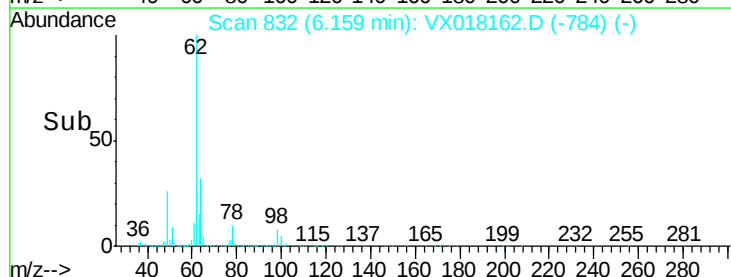
Tgt Ion: 62 Resp: 388402

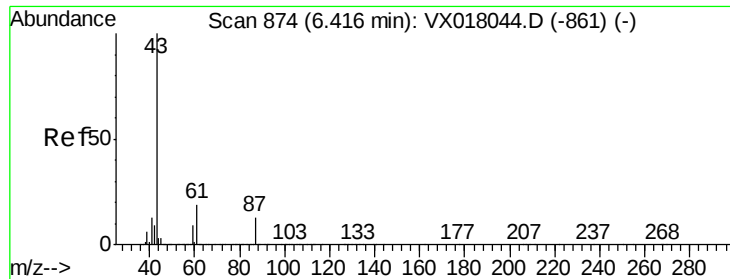
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.284 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

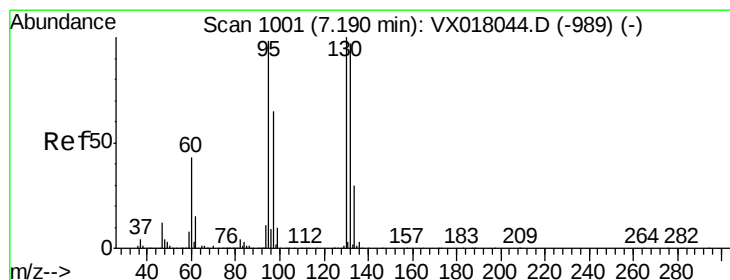
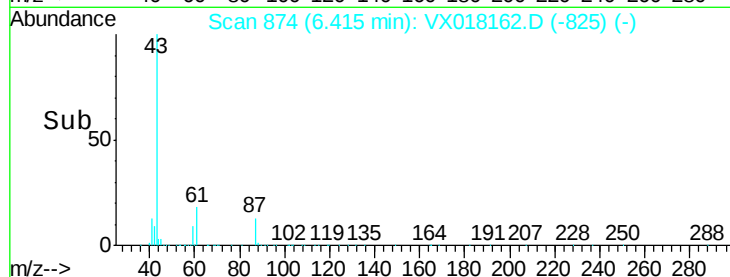
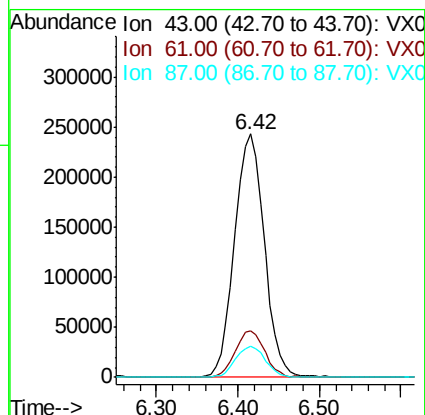
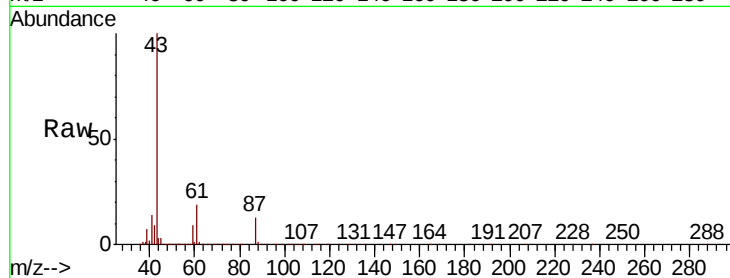
Tot Ion: 43 Resp: 610004

Ion Ratio Lower Upper

43 100

61 19.1 15.7 23.5

87 12.9 10.3 15.5



#44

Trichloroethene

Concen: 50.779 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018162.D

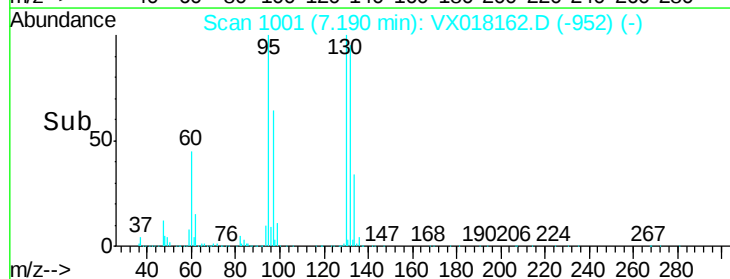
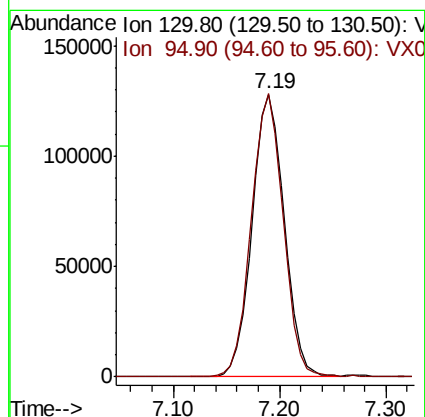
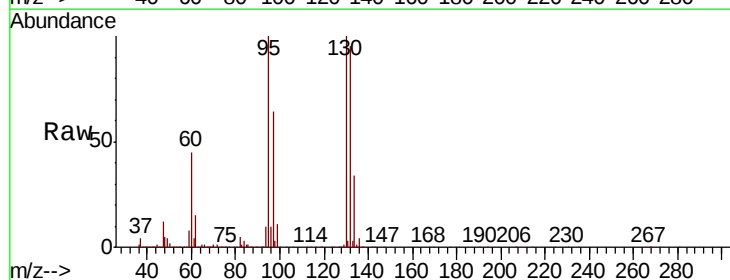
Acq: 31 Aug 2020 21:13

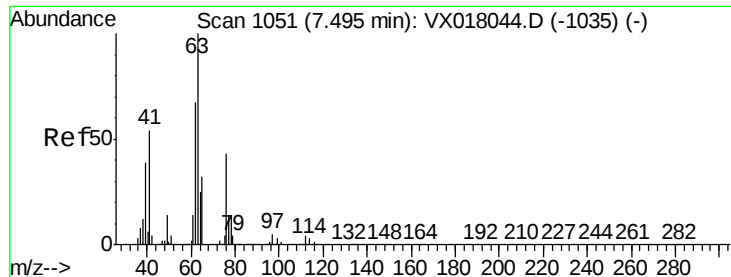
Tgt Ion: 130 Resp: 272638

Ion Ratio Lower Upper

130 100

95 100.2 0.0 196.4

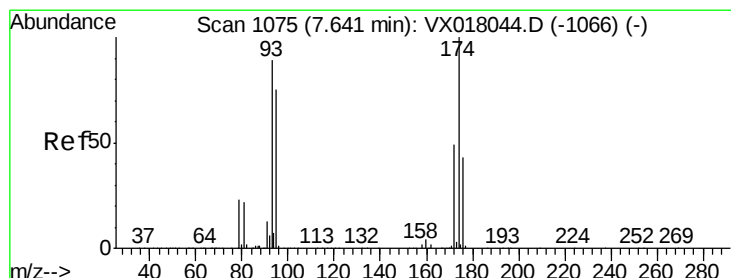
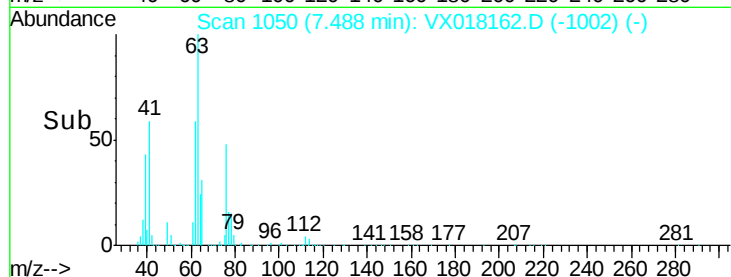
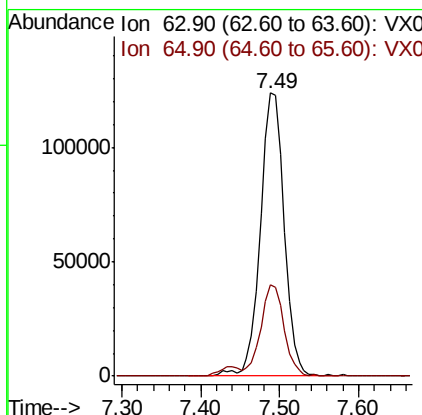
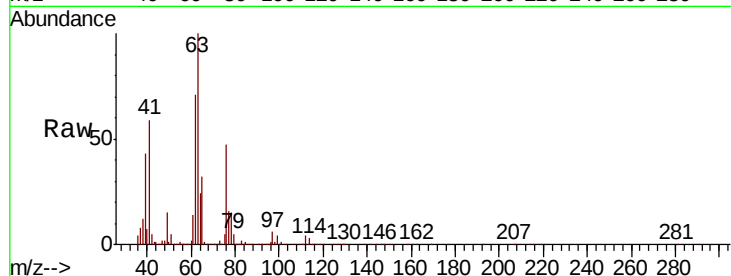




#45
 1,2-Dichloropropane
 Concen: 51.063 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

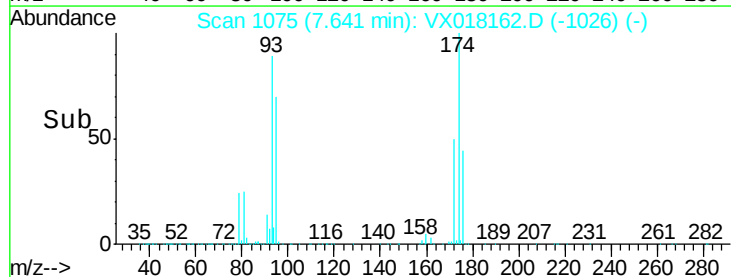
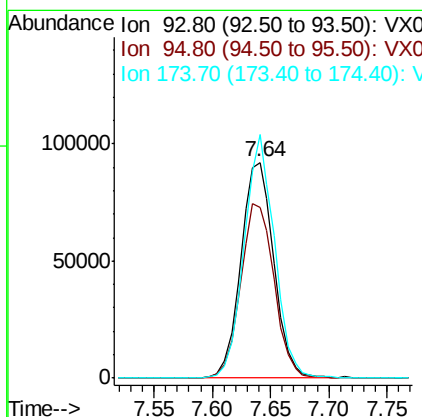
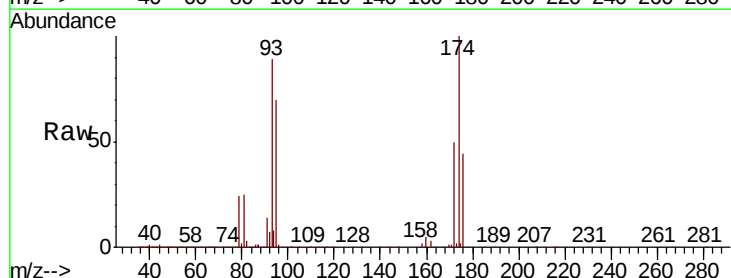
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

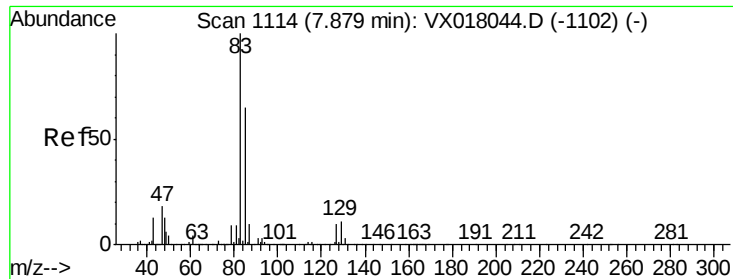
Tot Ion: 63 Resp: 261508
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.7 38.5



#46
 Dibromomethane
 Concen: 50.431 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion: 93 Resp: 181620
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.3 100.9
 174 104.6 82.2 123.2





#47

Bromodichloromethane

Concen: 54.319 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

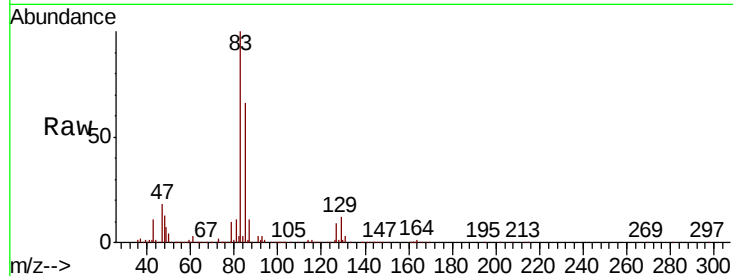
Tot Ion: 83 Resp: 390599

Ion Ratio Lower Upper

83 100

85 66.2 51.8 77.6

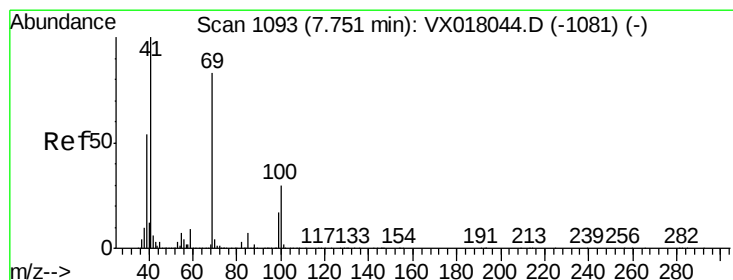
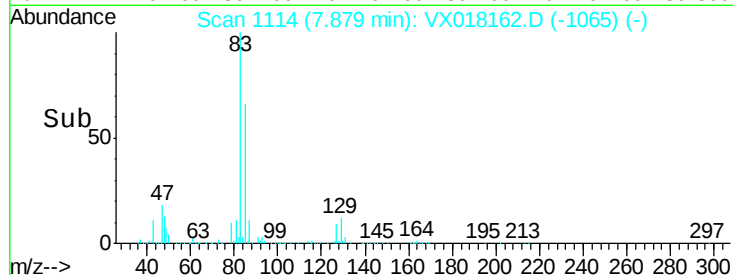
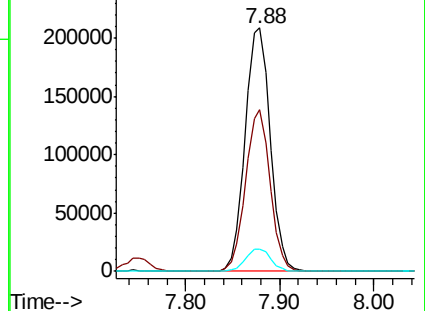
127 9.1 7.7 11.5



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: 50.498 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

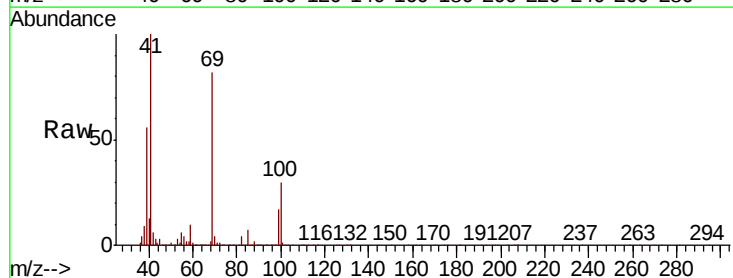
Tgt Ion: 41 Resp: 304962

Ion Ratio Lower Upper

41 100

69 82.2 65.5 98.3

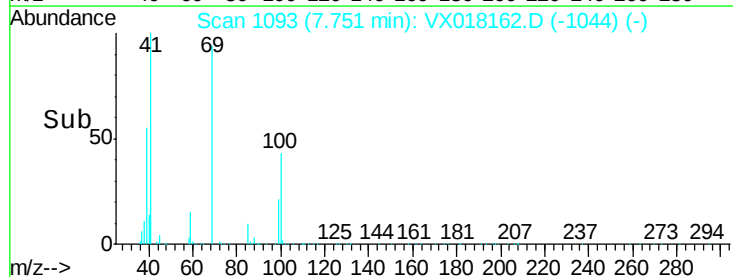
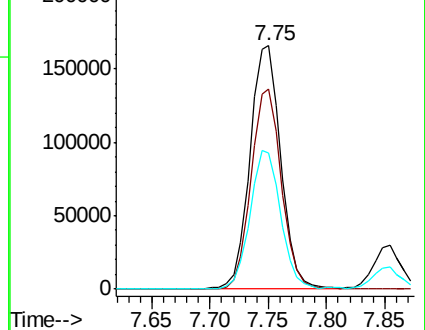
39 57.3 44.5 66.7

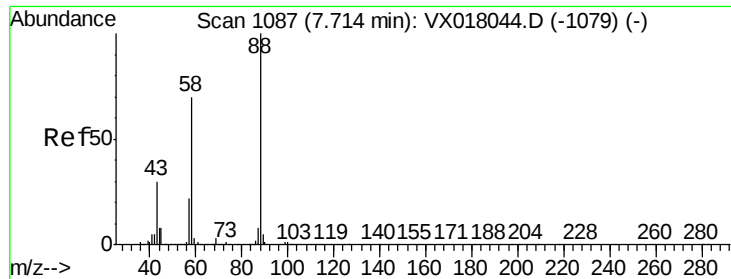


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 933.471 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

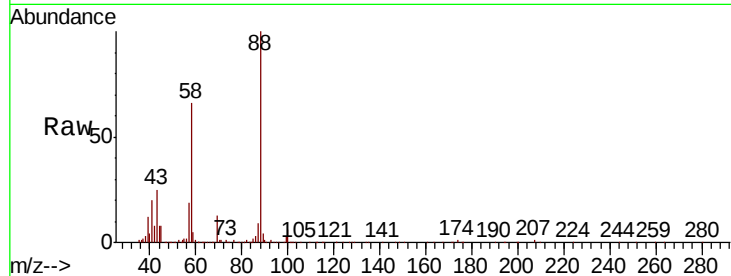
Tot Ion: 88 Resp: 102114

Ion Ratio Lower Upper

88 100

43 36.0 27.4 41.0

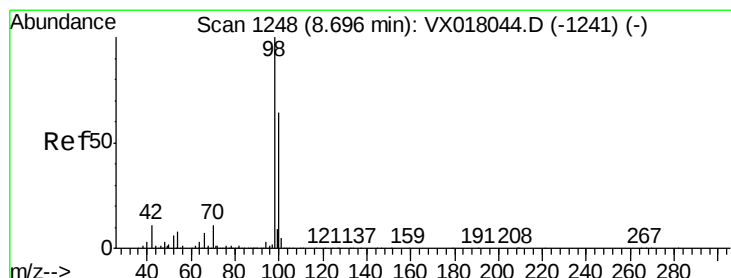
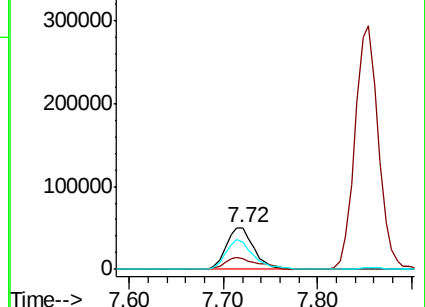
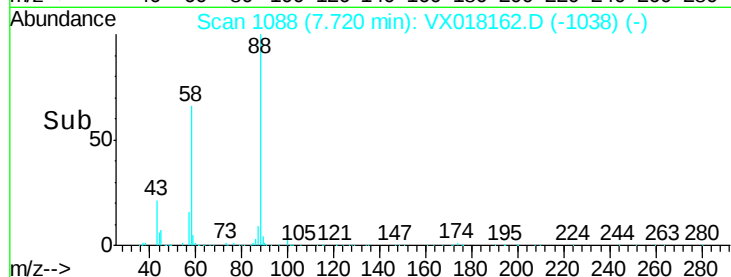
58 71.2 56.4 84.6



Abundance Ion 88.00 (87.70 to 88.70): VX018162.D (-1038) (-)

Ion 43.00 (42.70 to 43.70): VX018162.D (-1038) (-)

Ion 58.00 (57.70 to 58.70): VX018162.D (-1038) (-)



#50

Toluene-d8

Concen: 46.712 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018162.D

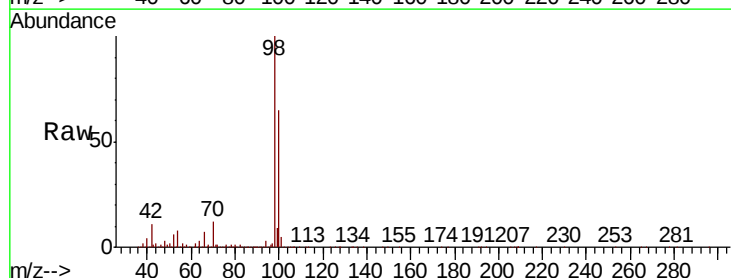
Acq: 31 Aug 2020 21:13

Tgt Ion: 98 Resp: 830758

Ion Ratio Lower Upper

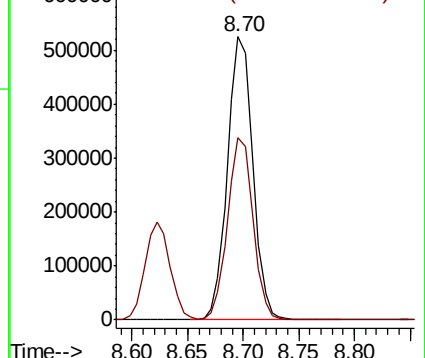
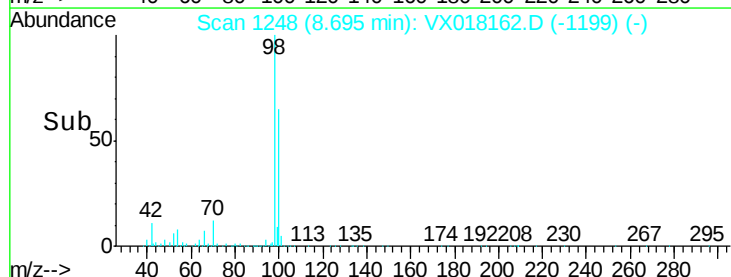
98 100

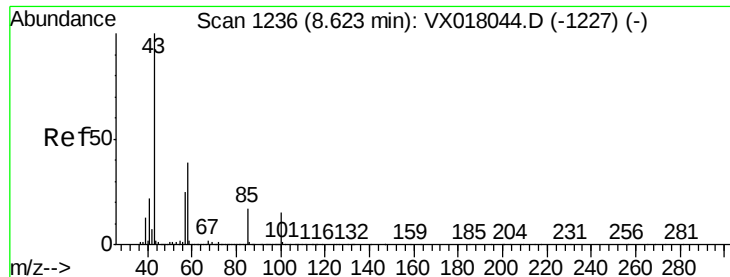
100 64.4 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX018162.D (-1199) (-)

Ion 100.00 (99.70 to 100.70): VX018162.D (-1199) (-)





#51

4-Methyl-2-Pentanone

Concen: 254.298 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

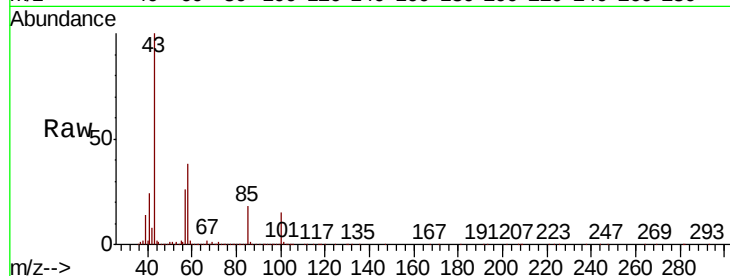
VSTDCCC050

Tot Ion: 43 Resp: 1905600

Ion Ratio Lower Upper

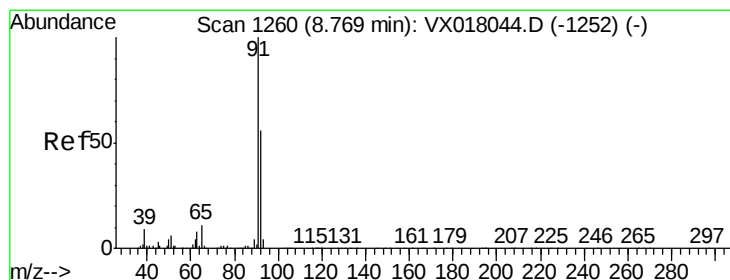
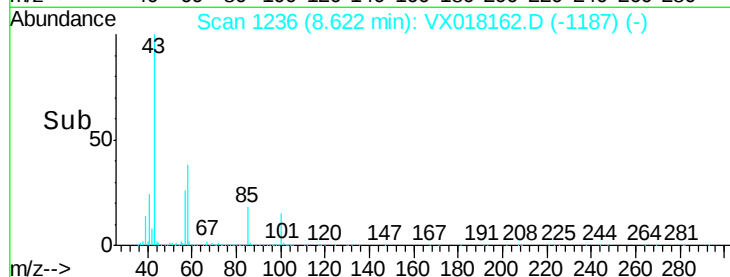
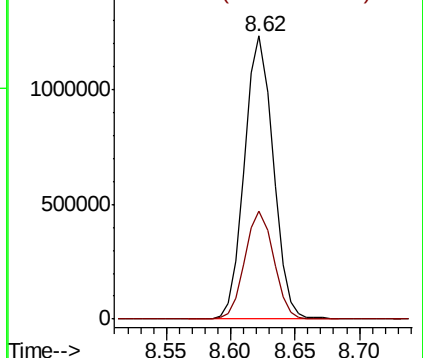
43 100

58 38.3 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.701 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018162.D

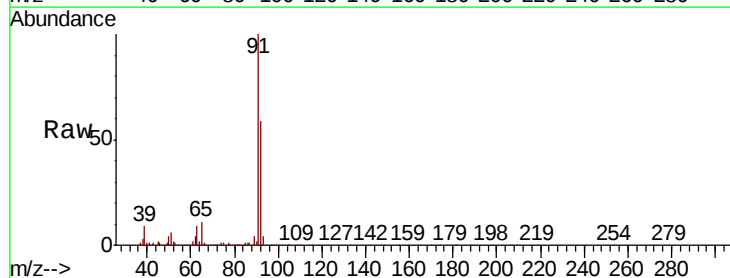
Acq: 31 Aug 2020 21:13

Tgt Ion: 92 Resp: 610899

Ion Ratio Lower Upper

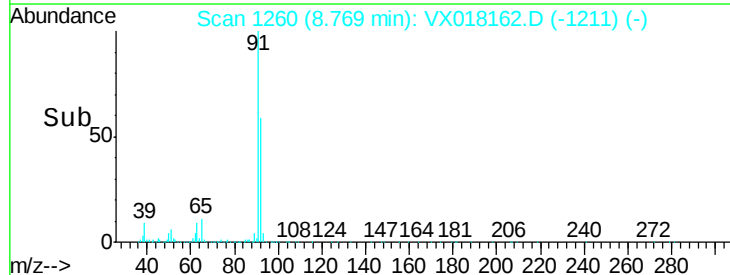
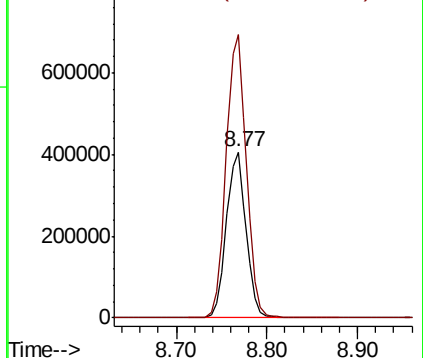
92 100

91 175.1 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

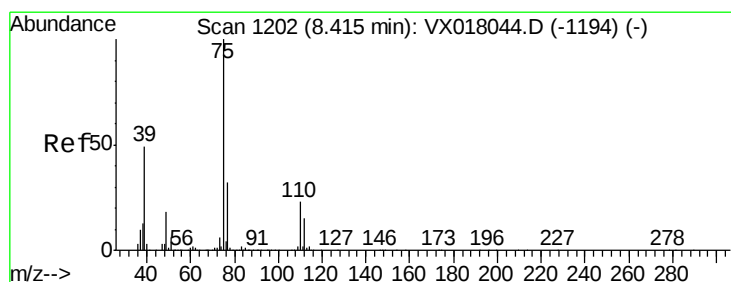
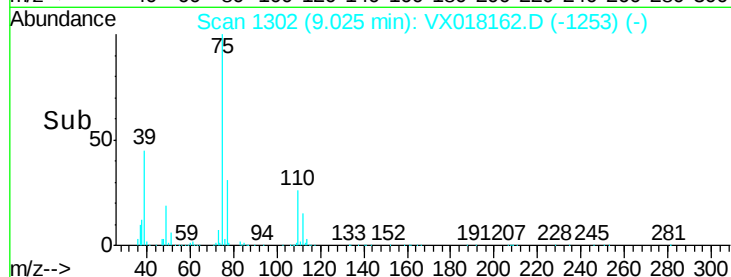
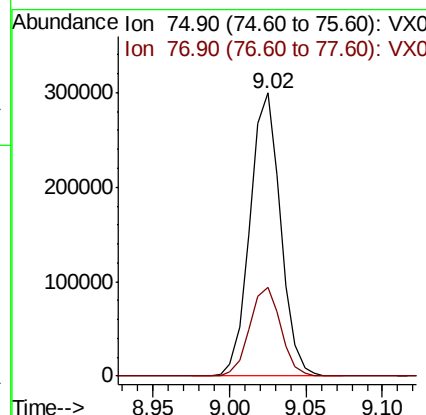
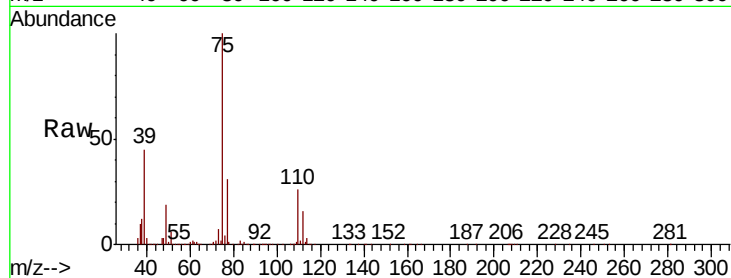




#53
t-1,3-Dichloropropene
Concen: 52.228 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

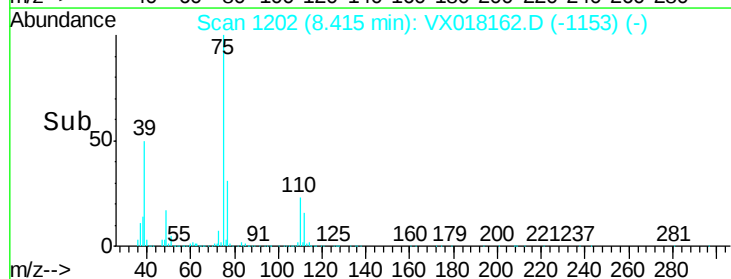
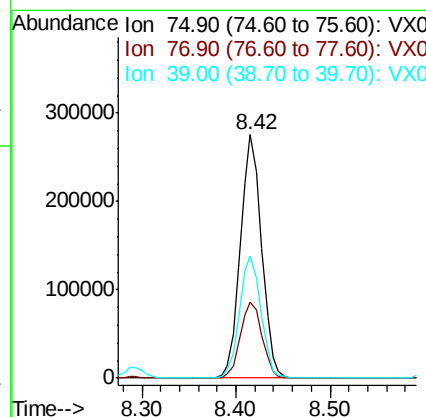
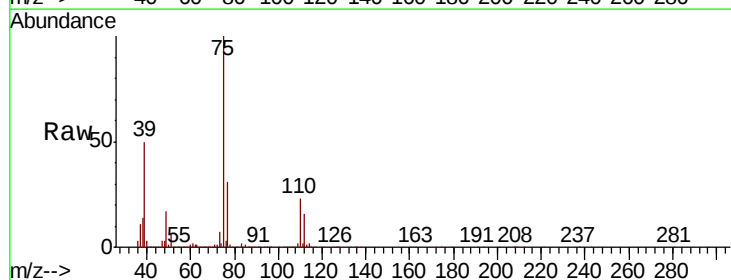
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 416240
Ion Ratio Lower Upper
75 100
77 31.1 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 51.060 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion: 75 Resp: 431072
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.8
39 49.9 38.8 58.2

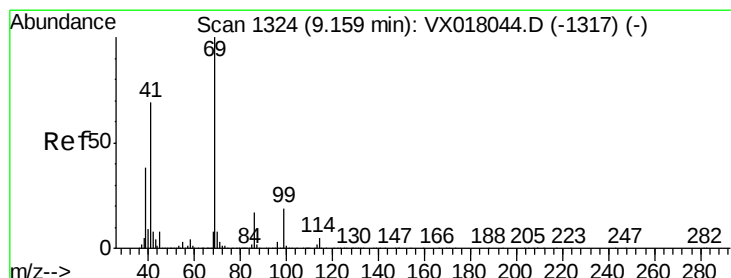
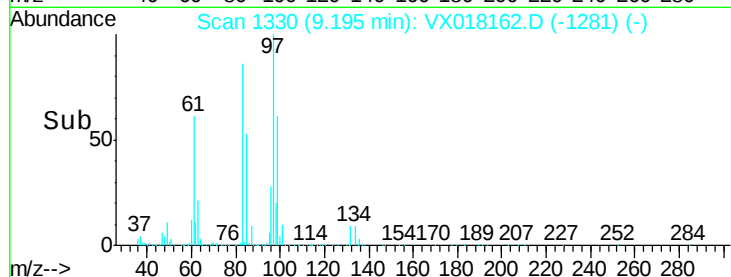
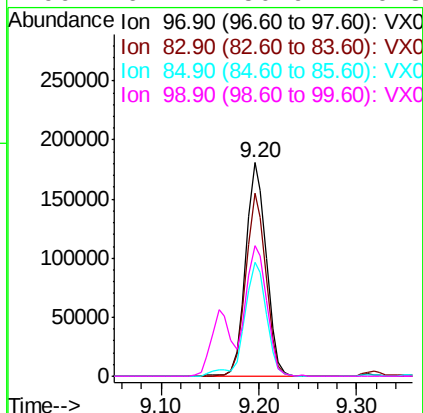
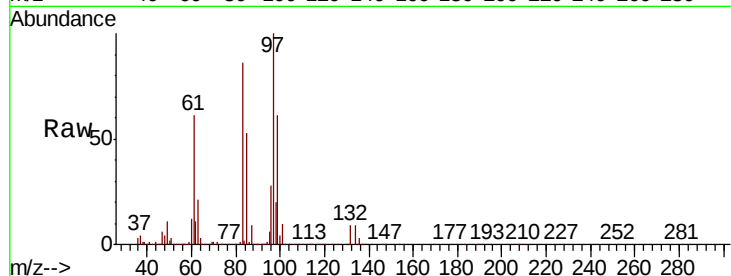




#55
 1,1,2-Trichloroethane
 Concen: 51.406 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

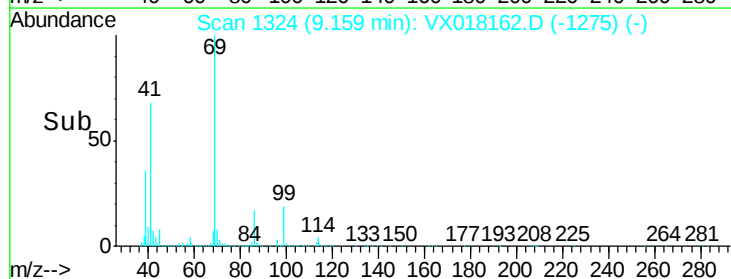
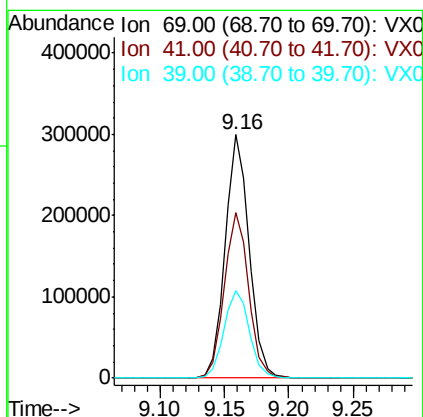
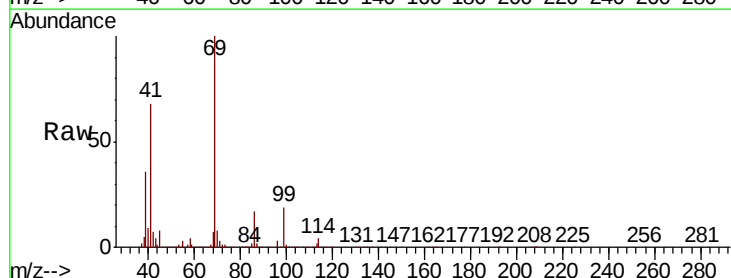
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

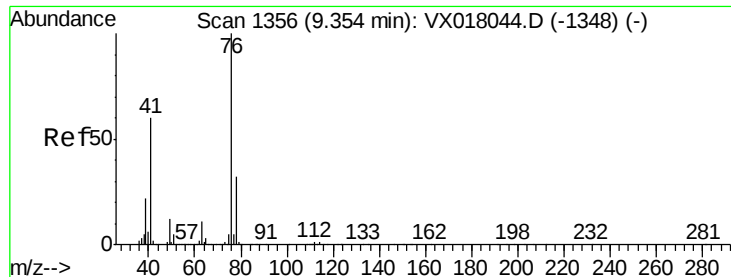
Tot Ion:	97	Resp:	264164
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.8	101.6
85	53.3	45.3	67.9
99	61.2	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 51.520 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion:	69	Resp:	393583
Ion	Ratio	Lower	Upper
69	100		
41	69.0	54.6	81.8
39	38.0	29.1	43.7





#57

1,3-Dichloropropane

Concen: 51.059 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

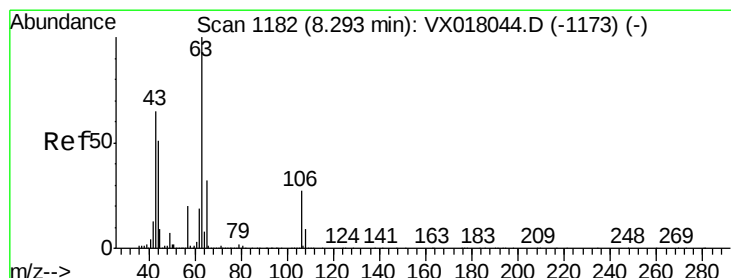
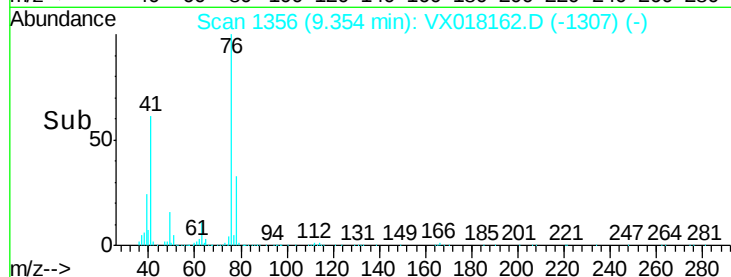
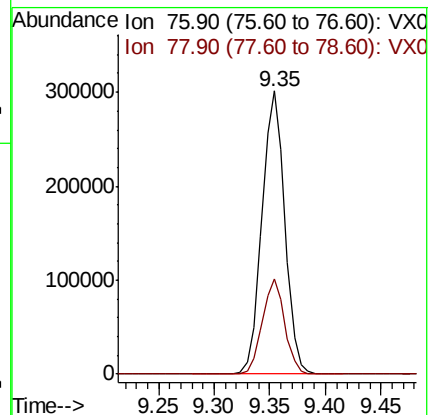
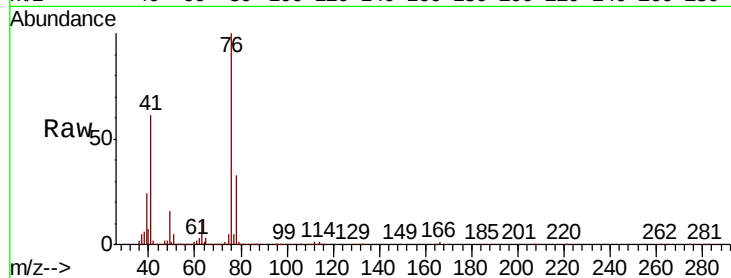
VSTDCCC050

Tot Ion: 76 Resp: 432767

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 232.503 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018162.D

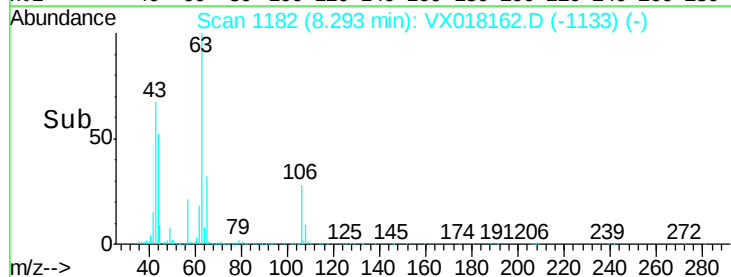
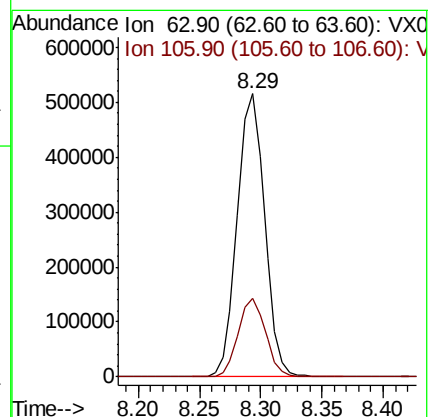
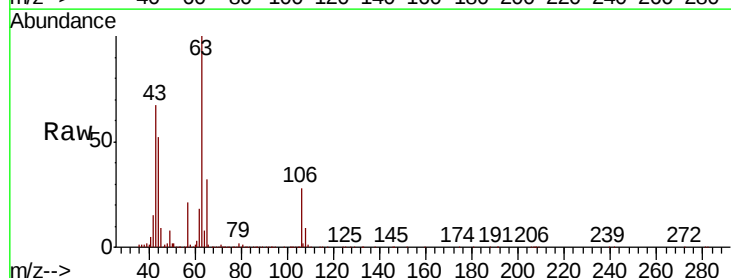
Acq: 31 Aug 2020 21:13

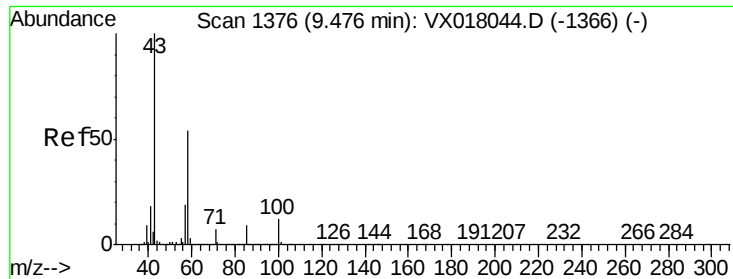
Tgt Ion: 63 Resp: 799009

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1

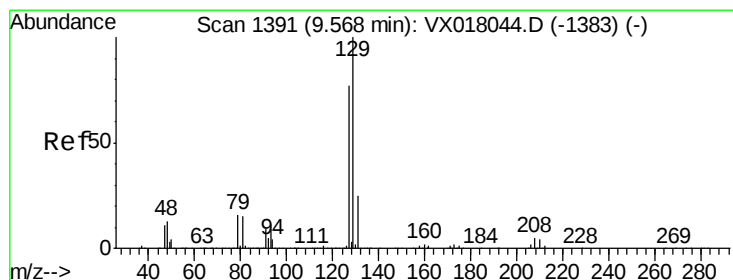
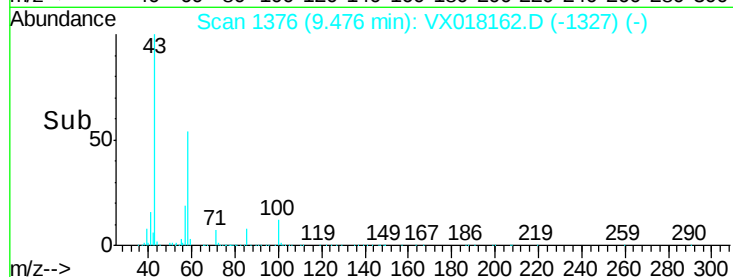
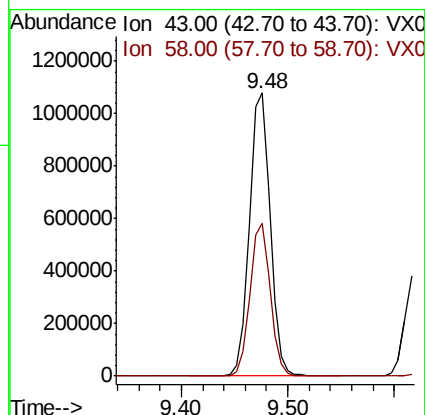
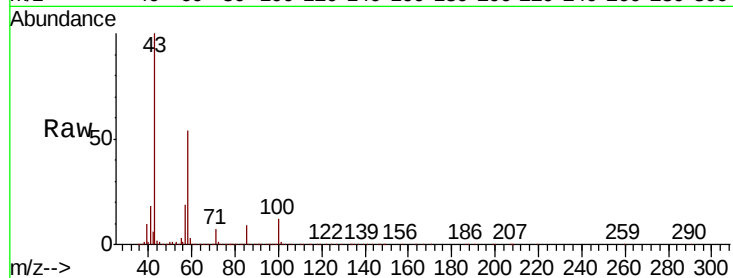




#59
2-Hexanone
Concen: 259.994 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

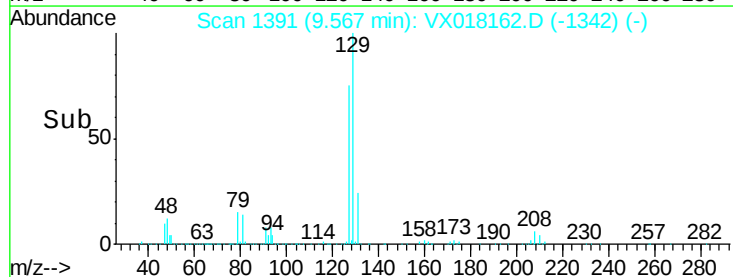
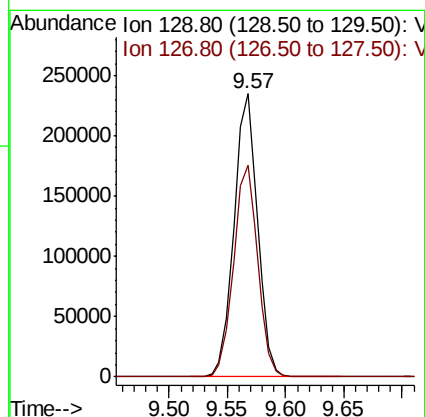
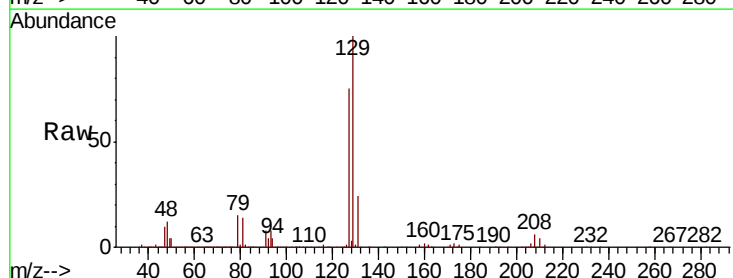
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

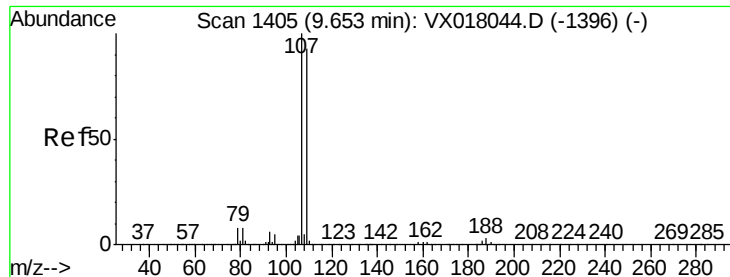
Tot Ion: 43 Resp: 1481446
Ion Ratio Lower Upper
43 100
58 53.0 26.6 79.7



#60
Dibromochloromethane
Concen: 55.114 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion: 129 Resp: 332245
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.752 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

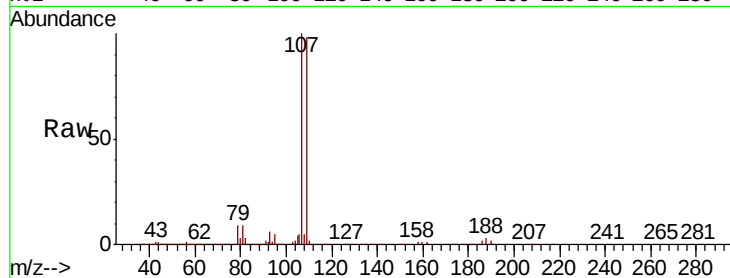
VSTDCCC050

Tot Ion: 107 Resp: 283149

Ion Ratio Lower Upper

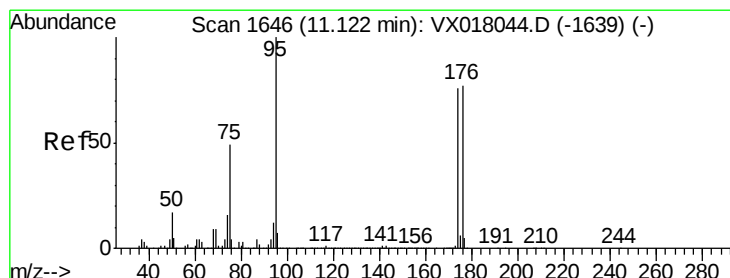
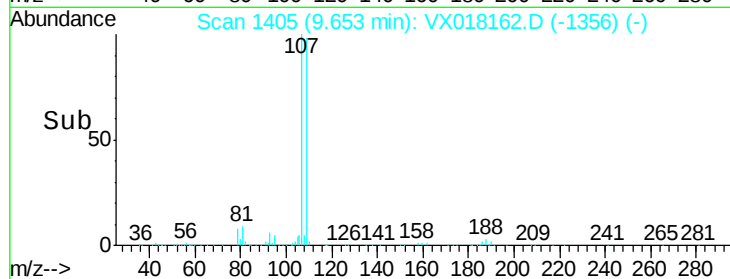
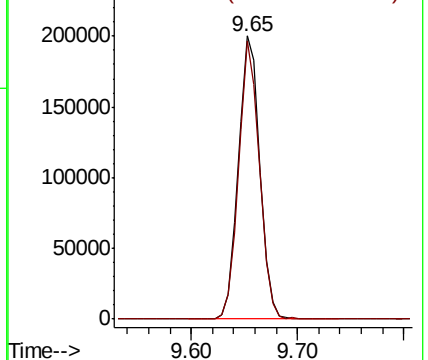
107 100

109 95.4 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.343 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

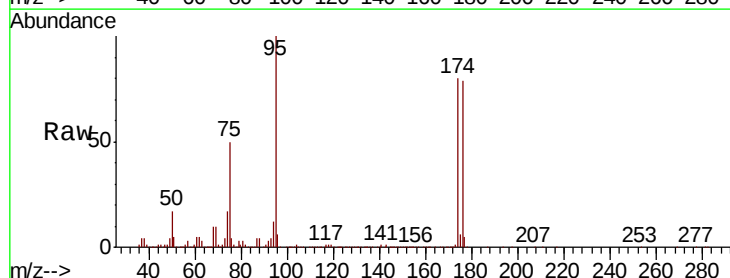
Tgt Ion: 95 Resp: 338265

Ion Ratio Lower Upper

95 100

174 82.0 0.0 160.2

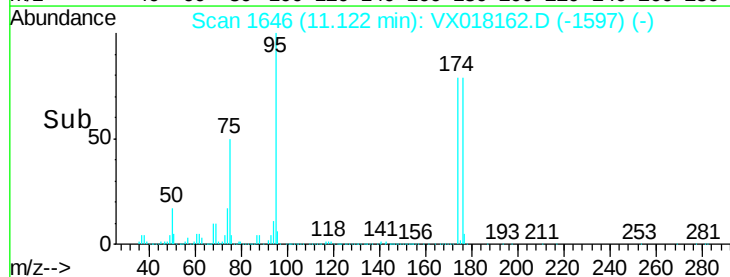
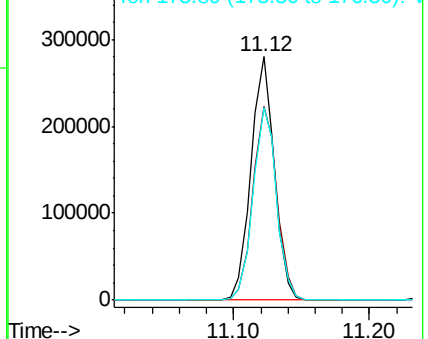
176 79.5 0.0 155.8

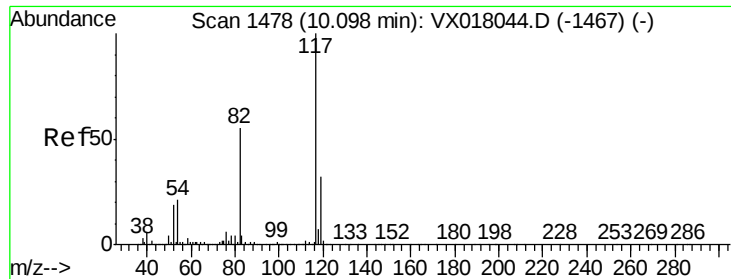


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

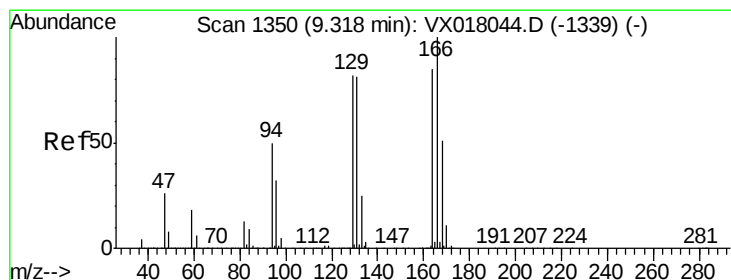
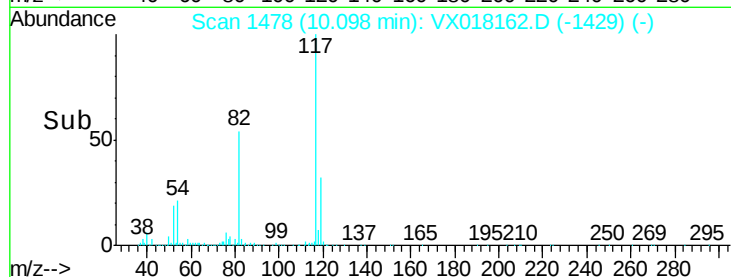
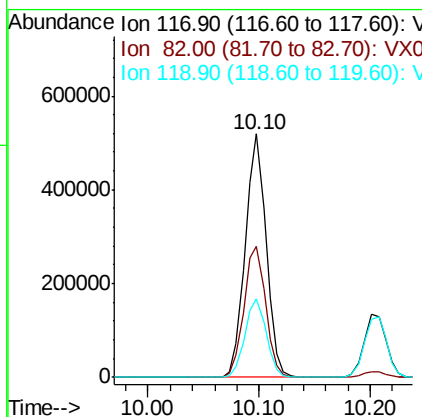
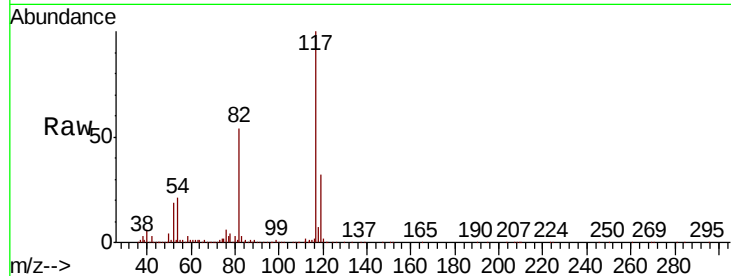




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

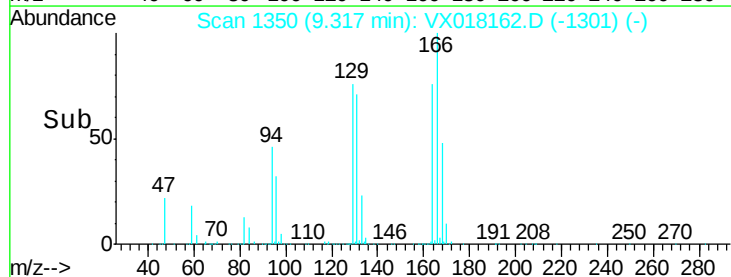
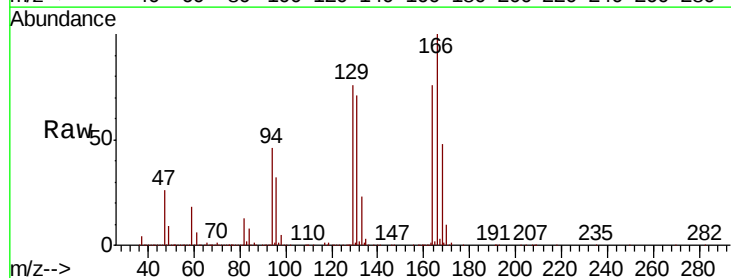
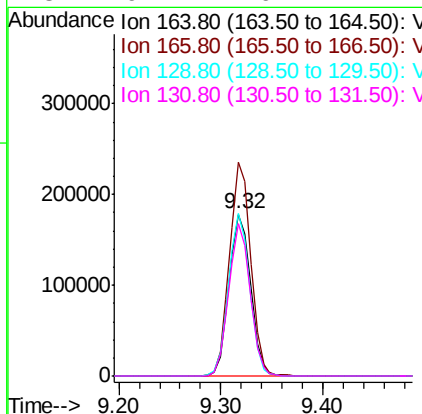
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

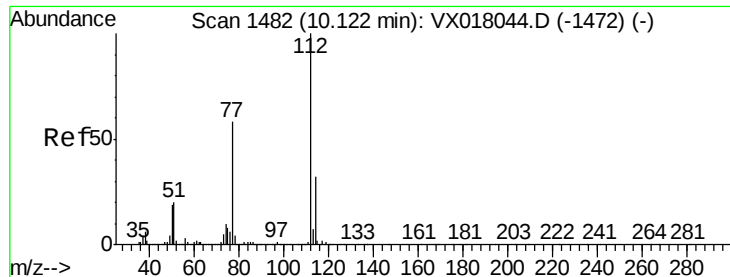
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.2	66.2
119	32.3	25.7	38.5



#64
Tetrachloroethene
Concen: 52.320 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.4	94.2	141.2
129	100.8	76.9	115.3
131	94.4	76.1	114.1





#65

Chlorobenzene

Concen: 51.800 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

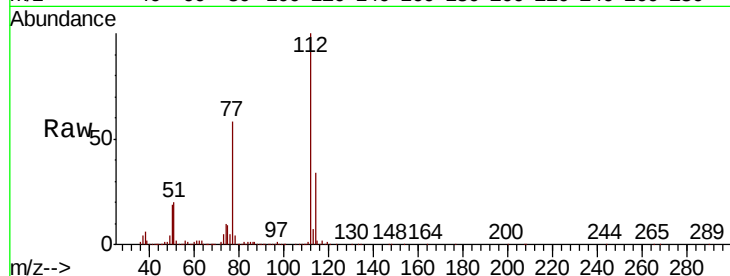
VSTDCCC050

Tot Ion:112 Resp: 700833

Ion Ratio Lower Upper

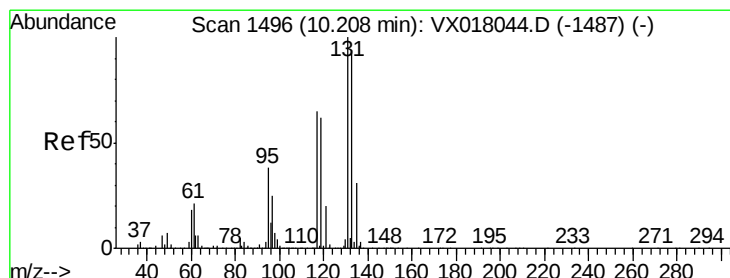
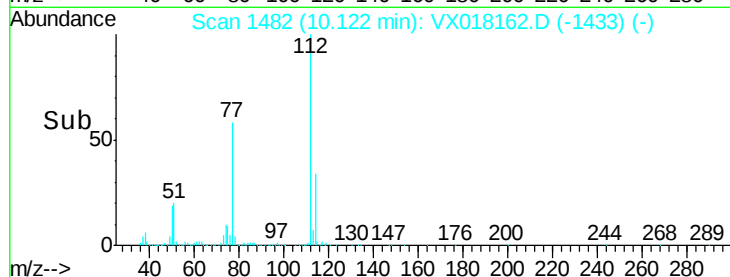
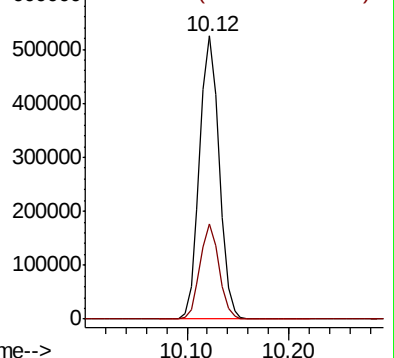
112 100

114 33.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.337 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

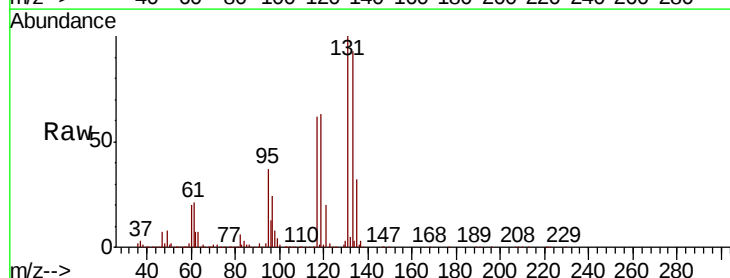
Tgt Ion:131 Resp: 284418

Ion Ratio Lower Upper

131 100

133 97.6 46.7 140.1

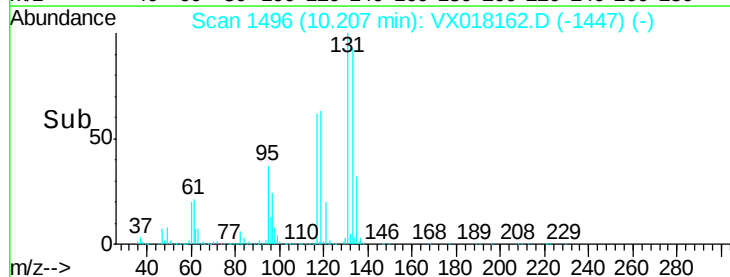
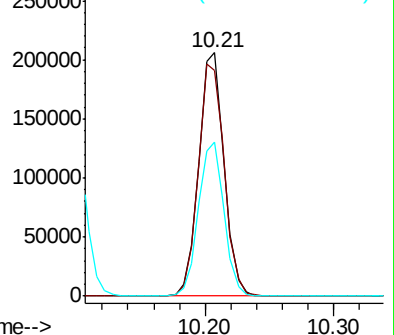
119 64.1 31.8 95.4

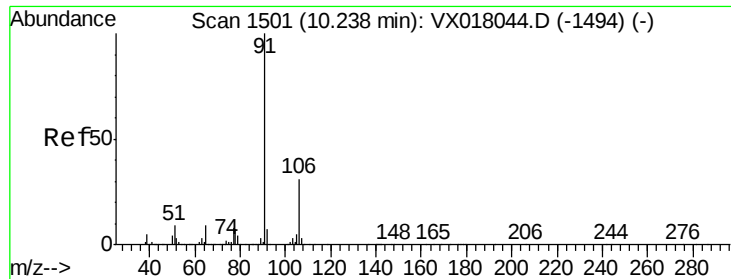


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 52.557 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

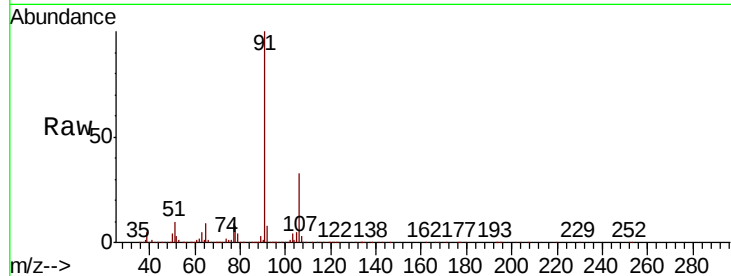
VSTDCCC050

Tot Ion: 91 Resp: 1209243

Ion Ratio Lower Upper

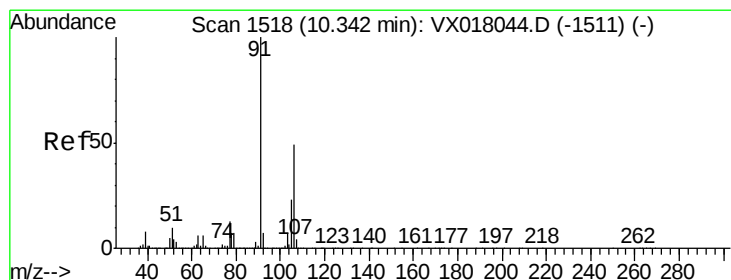
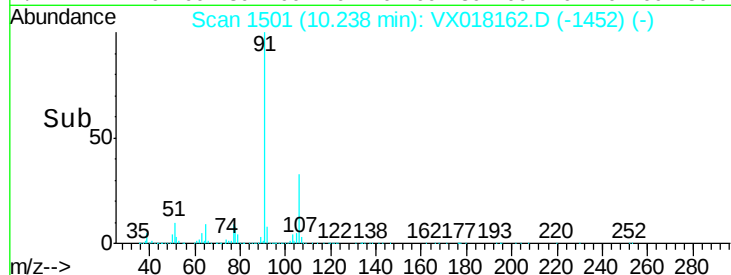
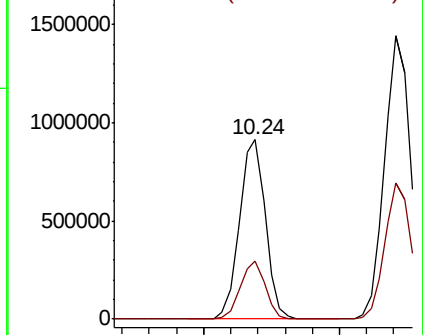
91 100

106 32.8 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 108.219 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018162.D

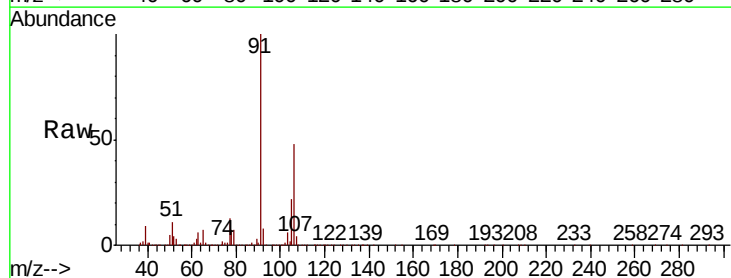
Acq: 31 Aug 2020 21:13

Tgt Ion:106 Resp: 929357

Ion Ratio Lower Upper

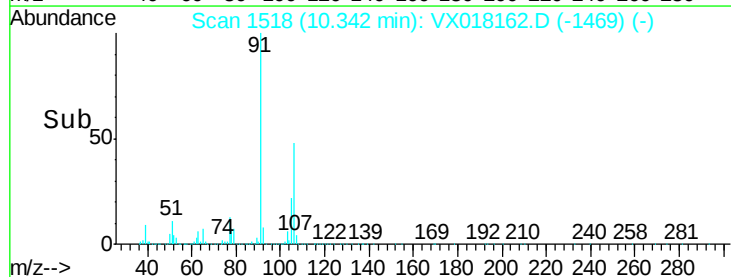
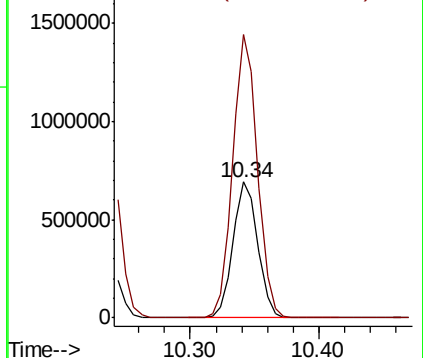
106 100

91 207.5 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

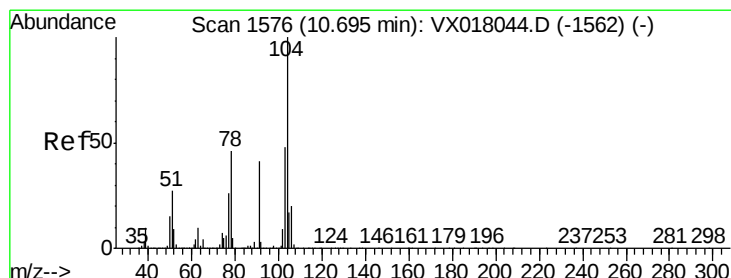
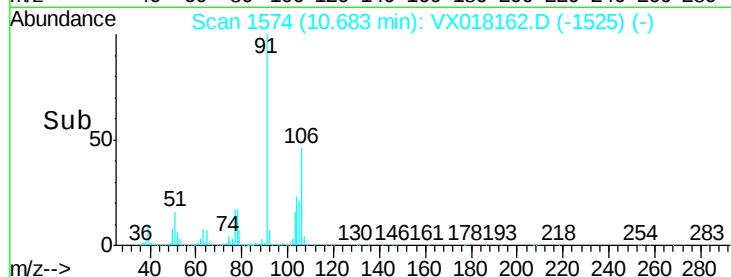
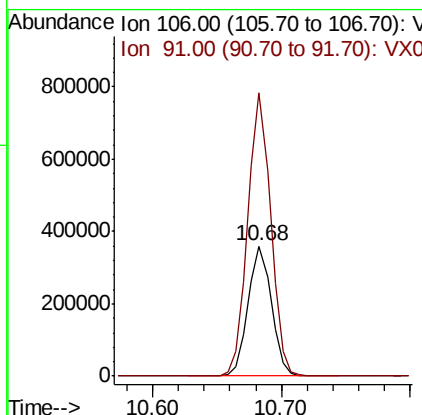
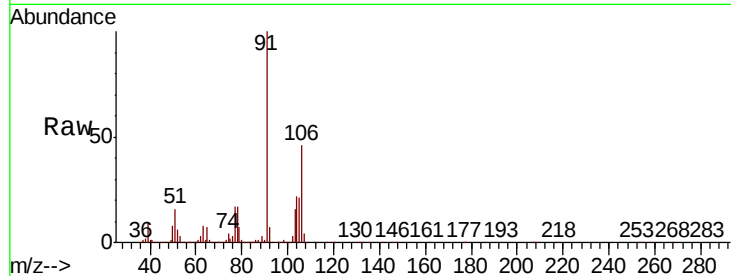




#69
o-Xylene
Concen: 53.410 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

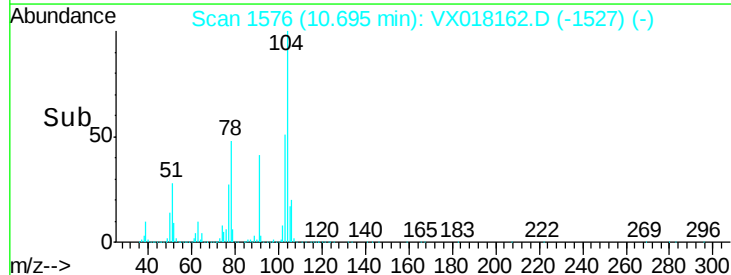
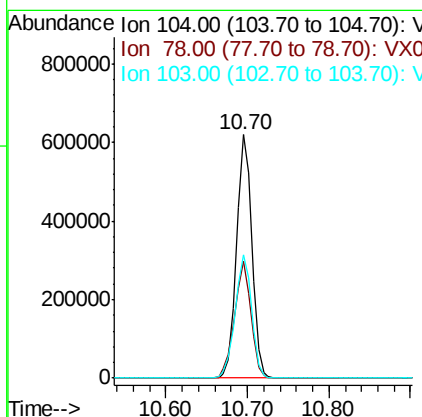
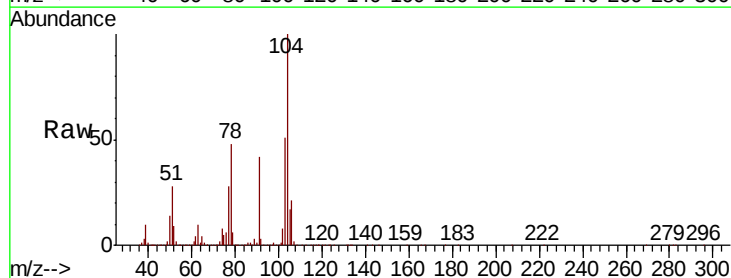
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

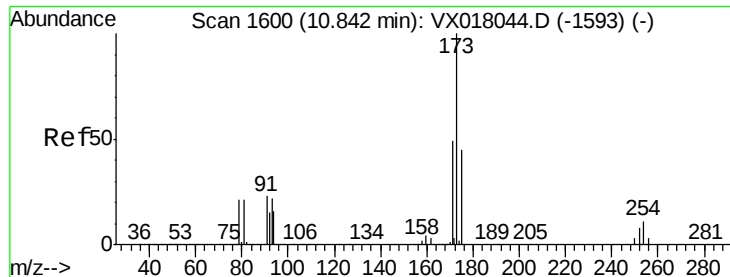
Tot Ion:106 Resp: 444638
Ion Ratio Lower Upper
106 100
91 215.8 107.1 321.3



#70
Styrene
Concen: 55.754 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion:104 Resp: 790428
Ion Ratio Lower Upper
104 100
78 51.6 40.9 61.3
103 54.6 43.6 65.4

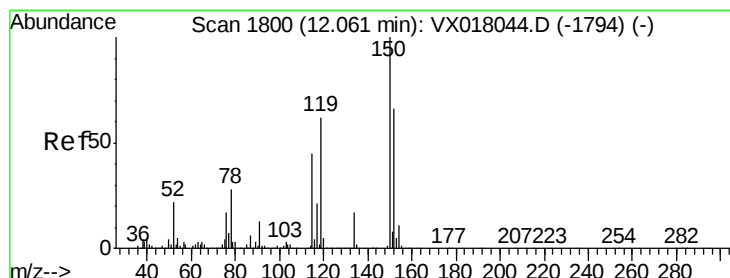
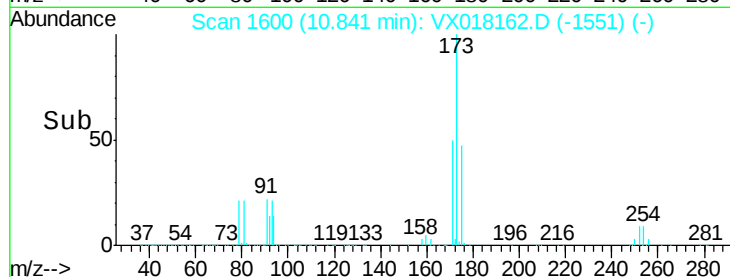
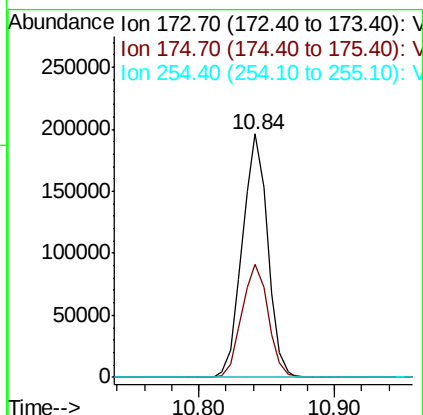
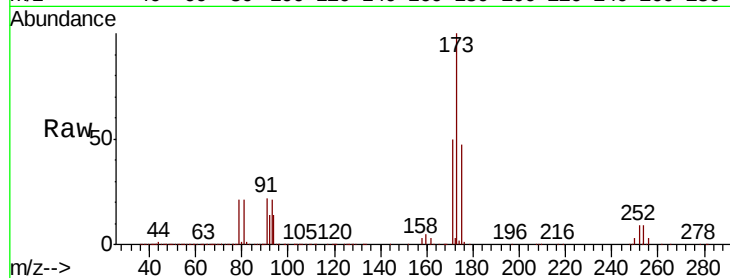




#71
Bromoform
Concen: 56.245 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

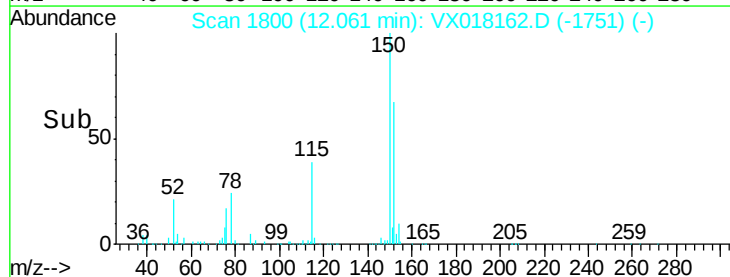
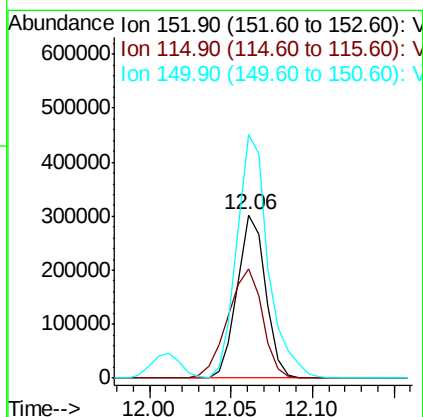
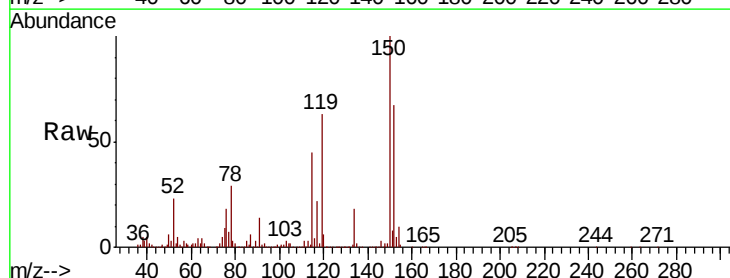
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

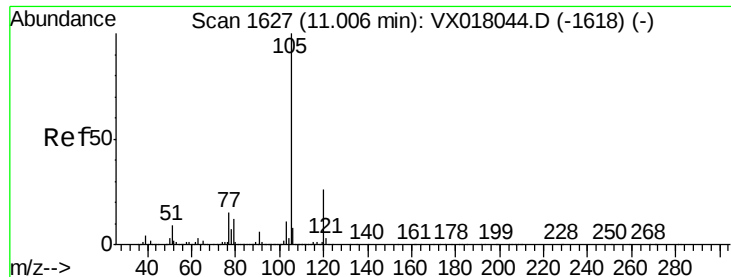
Tot Ion:173 Resp: 255823
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion:152 Resp: 367106
Ion Ratio Lower Upper
152 100
115 81.3 41.5 124.5
150 164.5 0.0 343.8





#73

Isopropylbenzene

Concen: 51.148 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

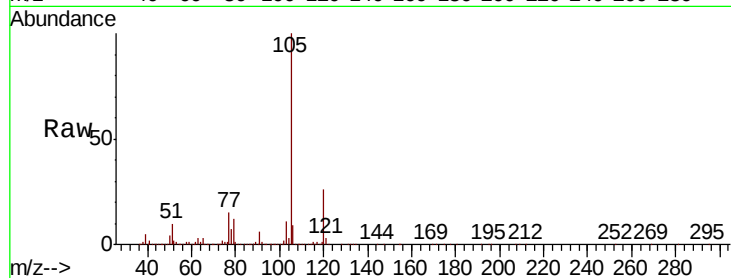
VSTDCCC050

Tot Ion:105 Resp: 1238539

Ion Ratio Lower Upper

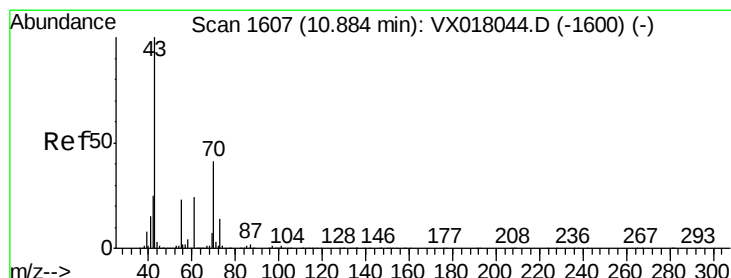
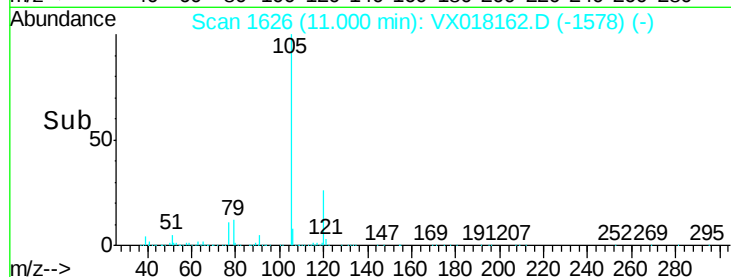
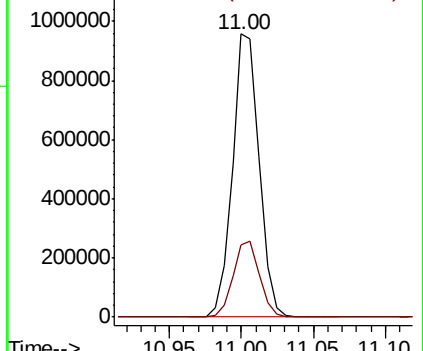
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.210 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Tgt Ion: 43 Resp: 553887

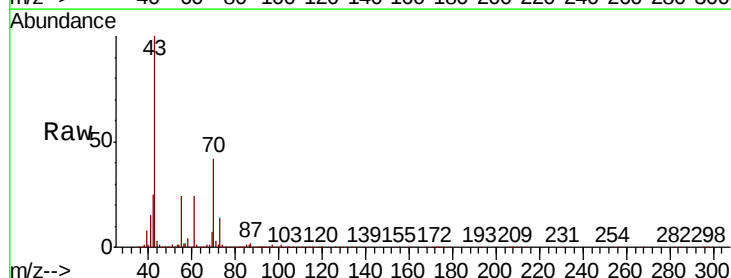
Ion Ratio Lower Upper

43 100

70 41.1 32.3 48.5

55 23.8 18.2 27.2

61 23.7 18.9 28.3

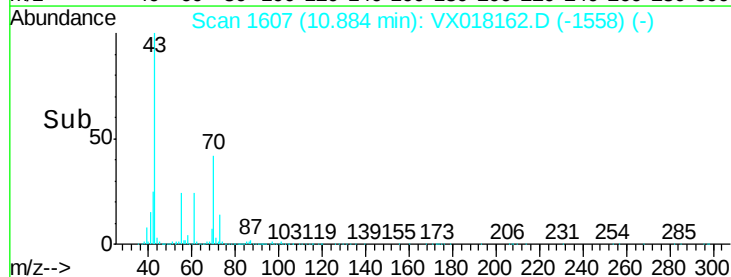
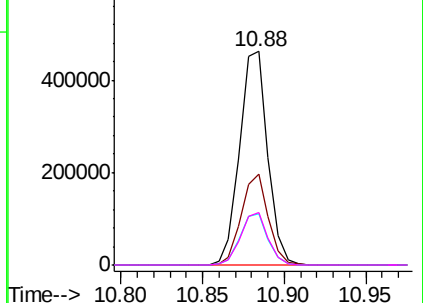


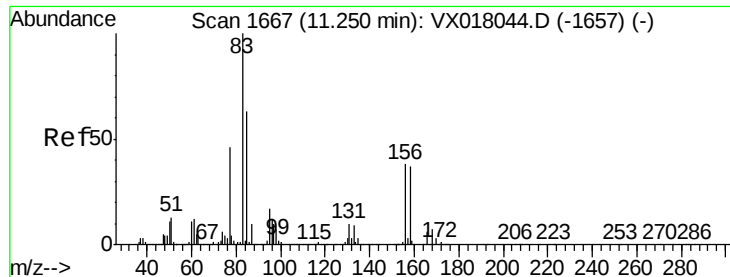
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.435 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

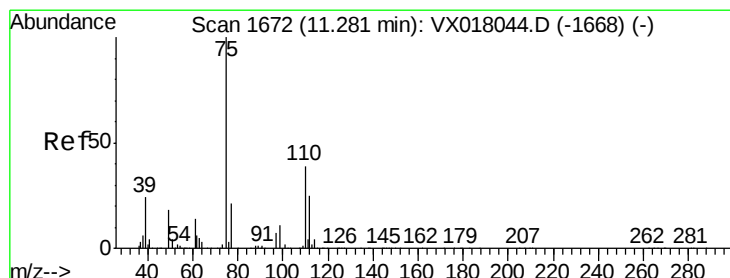
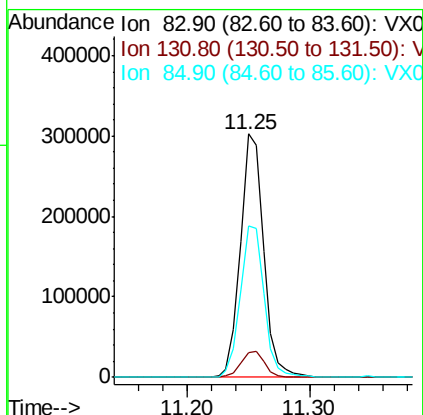
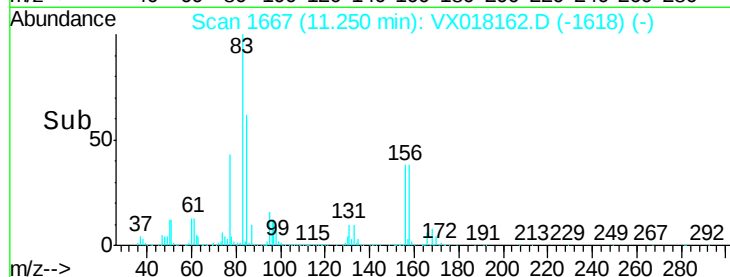
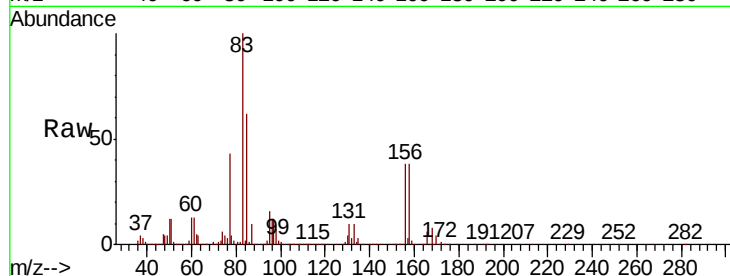
Tot Ion: 83 Resp: 396651

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.4

85 63.9 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 60.414 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018162.D

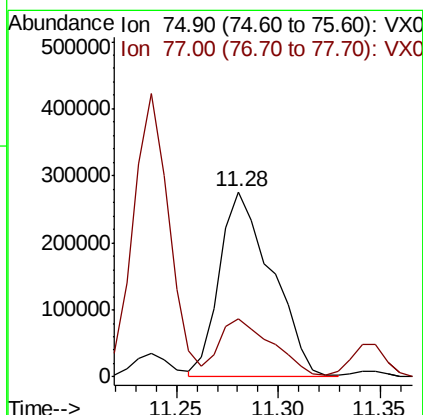
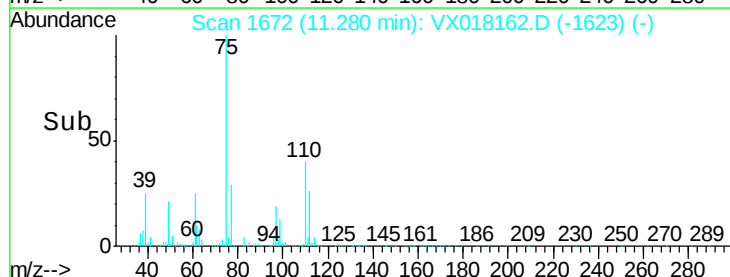
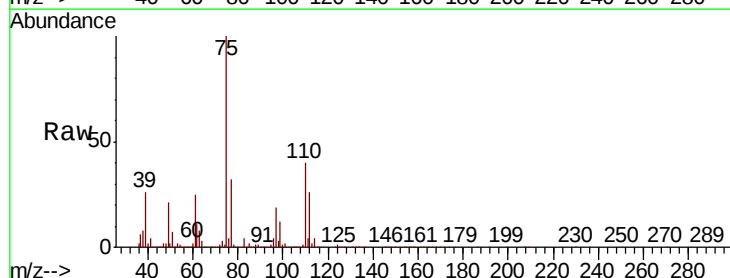
Acq: 31 Aug 2020 21:13

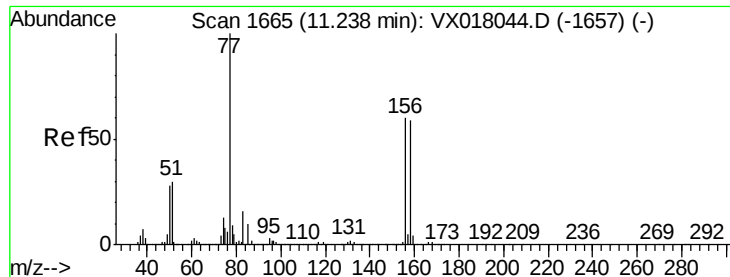
Tgt Ion: 75 Resp: 493365

Ion Ratio Lower Upper

75 100

77 31.6 20.8 62.2





#77

Bromobenzene

Concen: 48.701 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

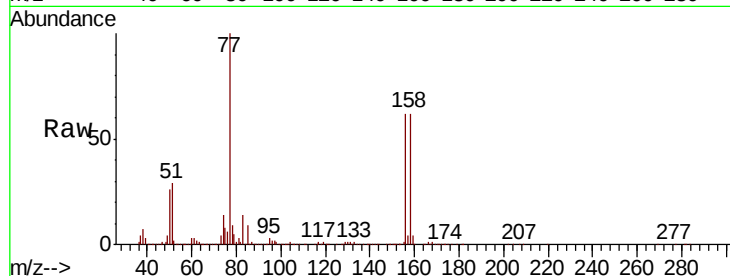
Tot Ion:156 Resp: 325975

Ion Ratio Lower Upper

156 100

77 157.4 80.0 240.2

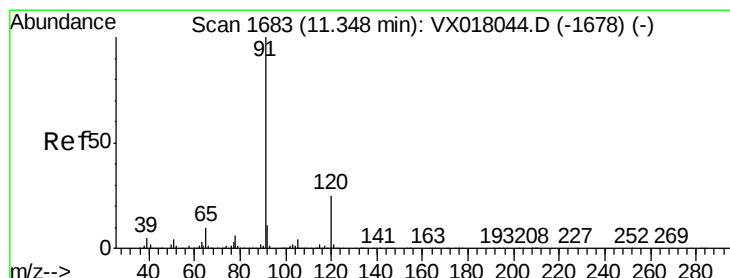
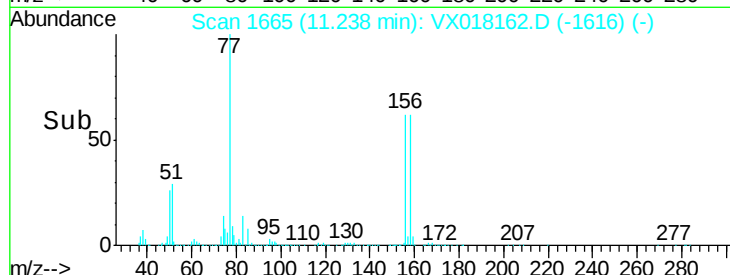
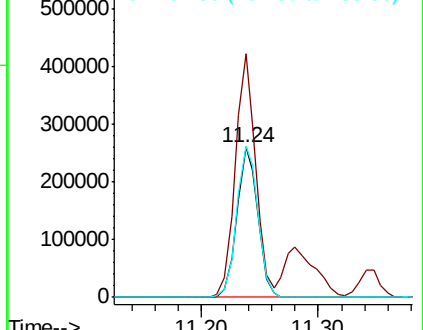
158 102.3 49.5 148.7



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: 51.731 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018162.D

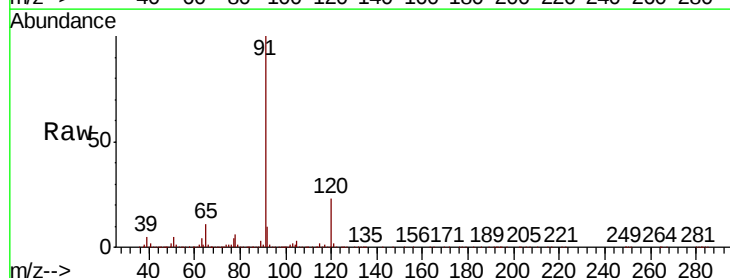
Acq: 31 Aug 2020 21:13

Tgt Ion: 91 Resp: 1422341

Ion Ratio Lower Upper

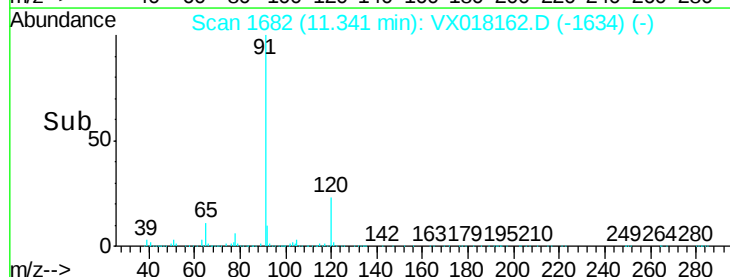
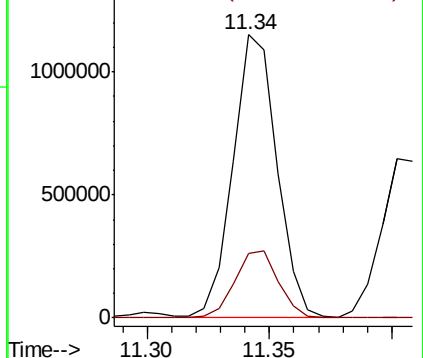
91 100

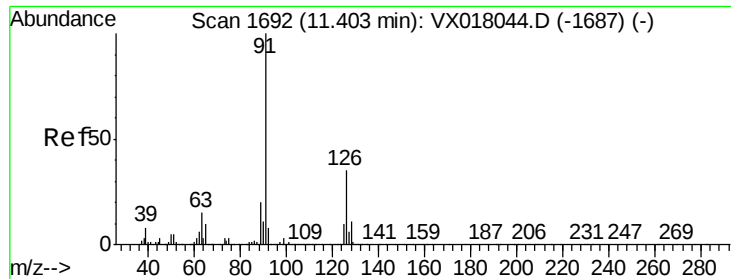
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.377 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampled :

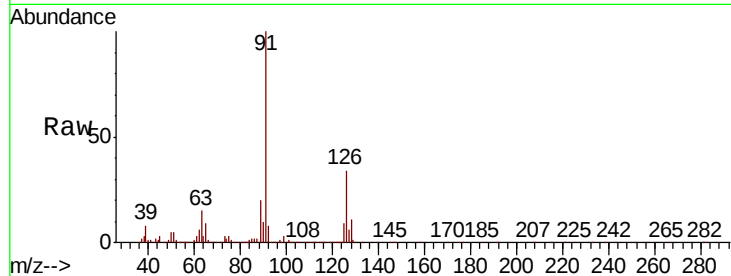
VSTDCCC050

Tot Ion: 91 Resp: 855748

Ion Ratio Lower Upper

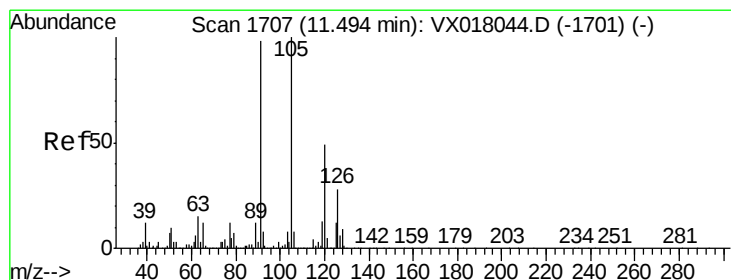
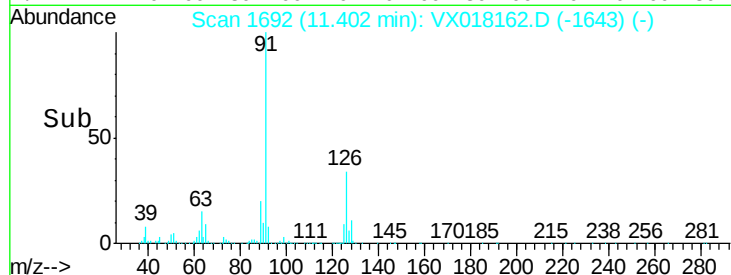
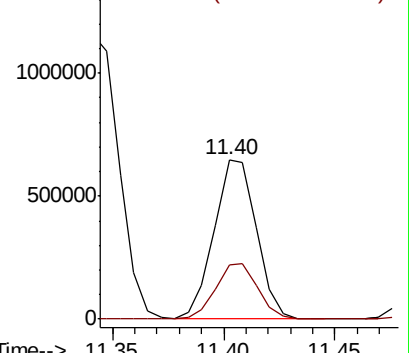
91 100

126 34.8 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX018044.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX018044.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.552 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018162.D

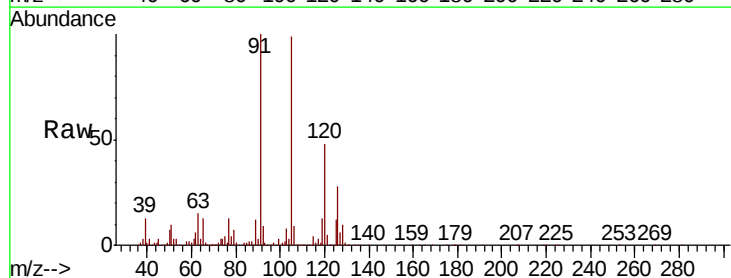
Acq: 31 Aug 2020 21:13

Tgt Ion: 105 Resp: 1065598

Ion Ratio Lower Upper

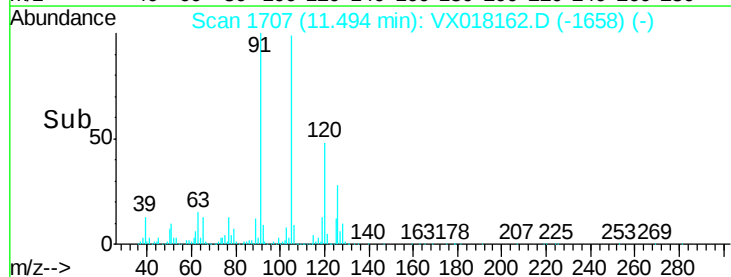
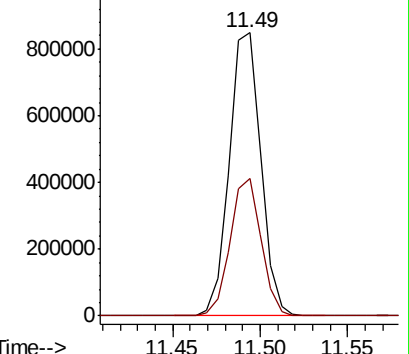
105 100

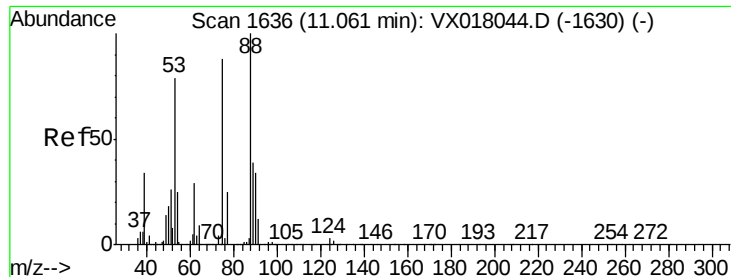
120 47.6 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018044.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018044.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.326 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

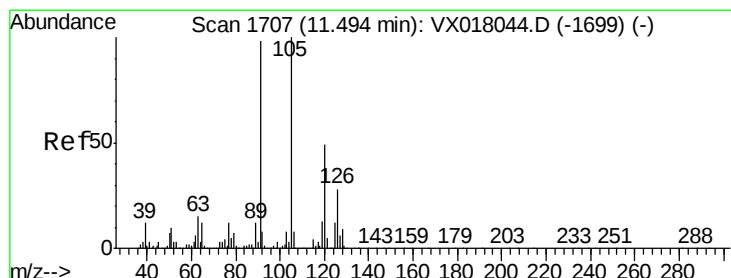
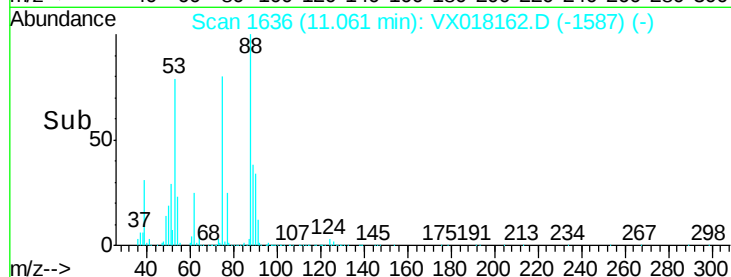
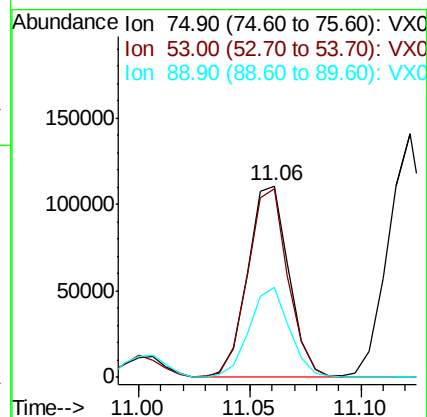
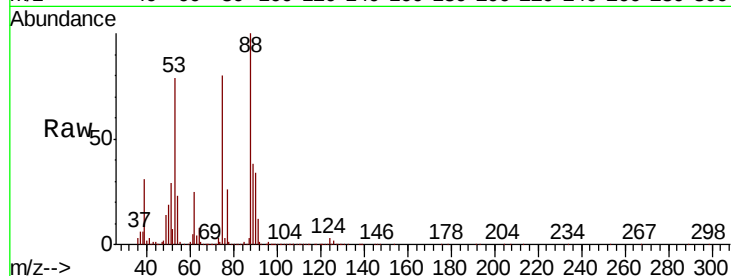
Tot Ion: 75 Resp: 143099

Ion Ratio Lower Upper

75 100

53 96.7 74.7 112.1

89 45.6 36.6 54.8



#82

4-Chlorotoluene

Concen: 50.879 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018162.D

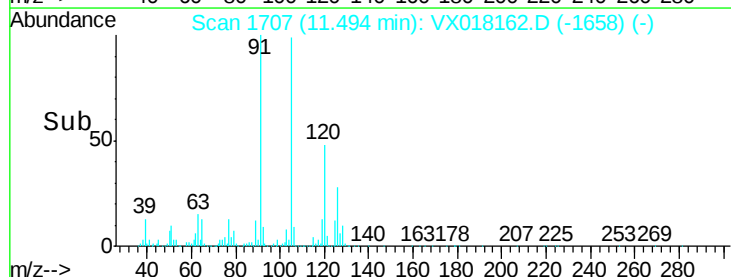
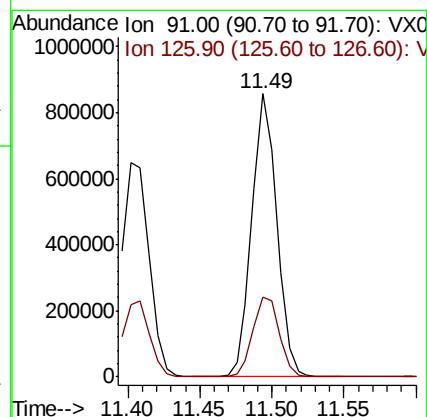
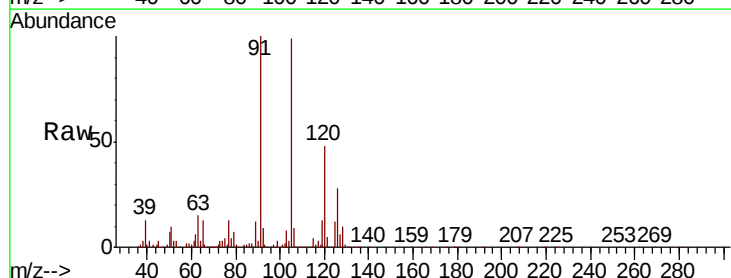
Acq: 31 Aug 2020 21:13

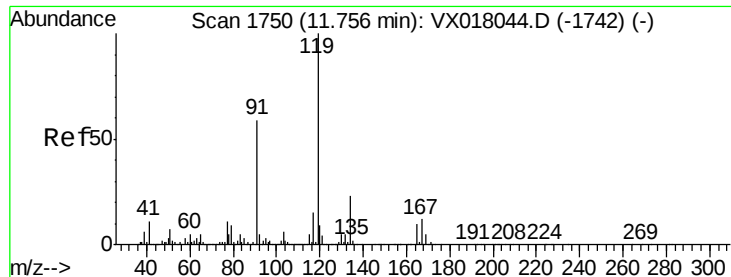
Tgt Ion: 91 Resp: 1027452

Ion Ratio Lower Upper

91 100

126 29.9 15.1 45.3





#83

tert-Butylbenzene

Concen: 52.095 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050

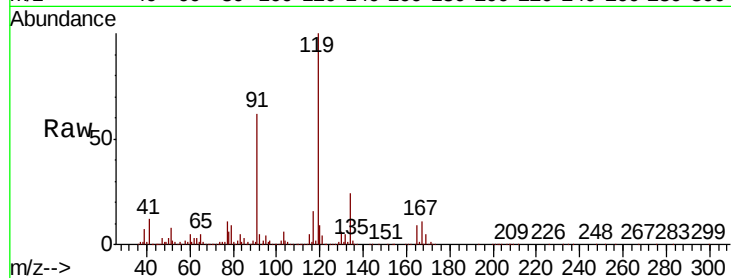
Tot Ion:119 Resp: 1023003

Ion Ratio Lower Upper

119 100

91 59.5 28.2 84.7

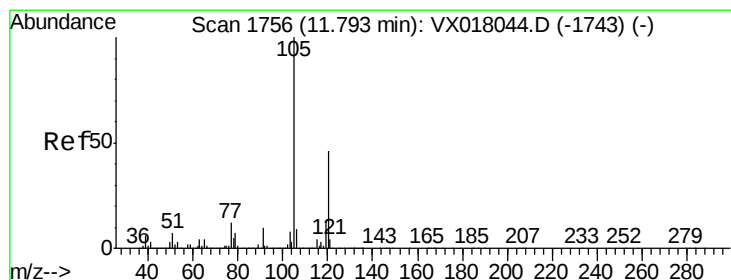
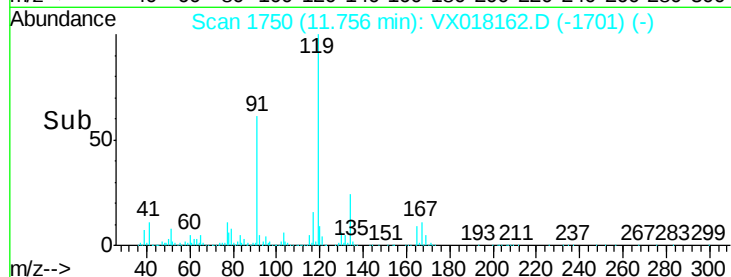
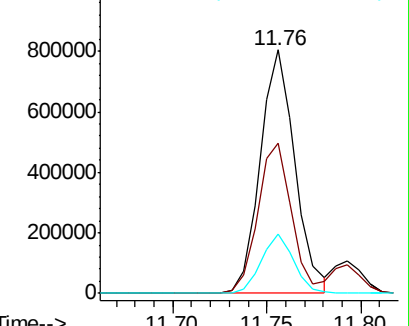
134 22.8 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.308 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018162.D

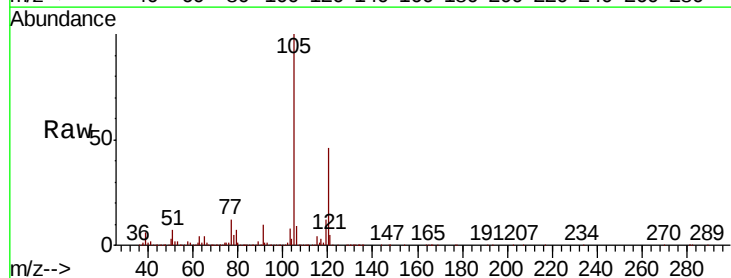
Acq: 31 Aug 2020 21:13

Tgt Ion:105 Resp: 1084505

Ion Ratio Lower Upper

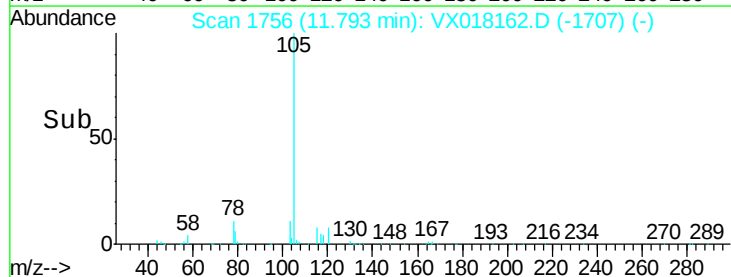
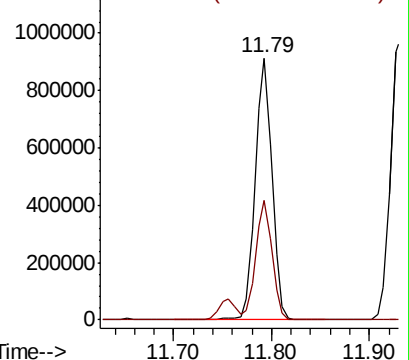
105 100

120 44.6 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

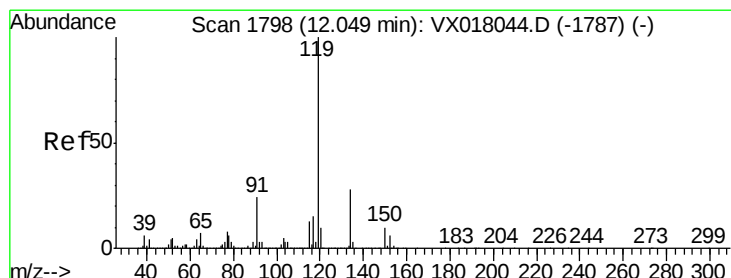
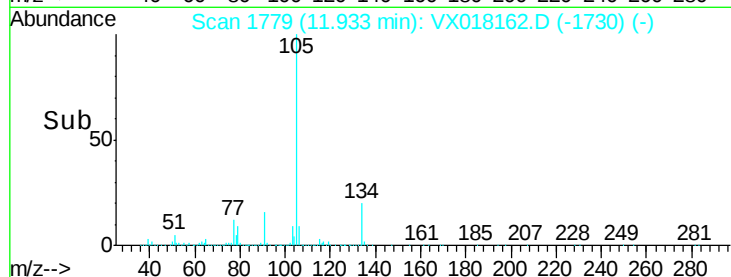
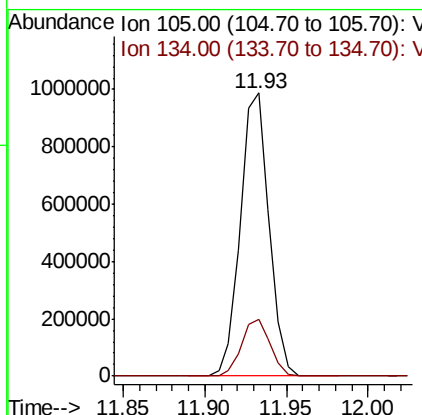
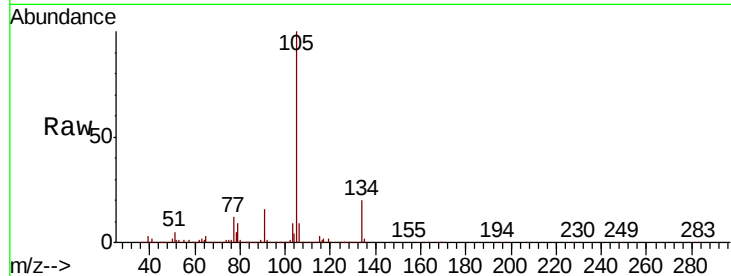




#85
 sec-Butylbenzene
 Concen: 54.118 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

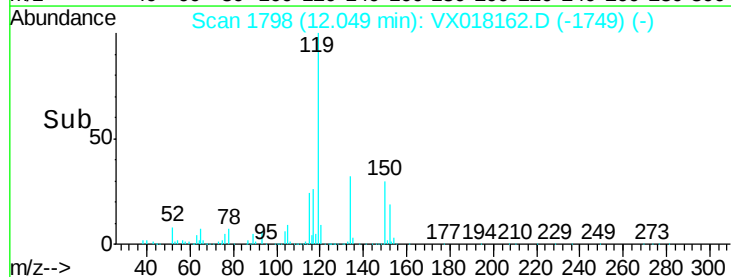
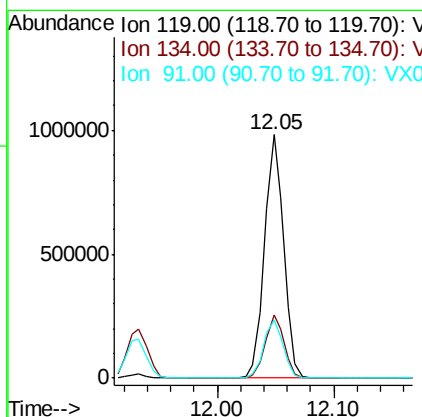
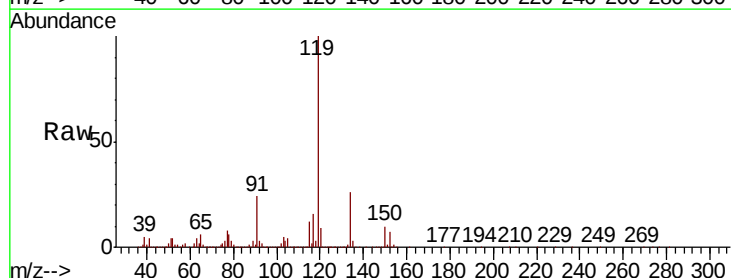
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

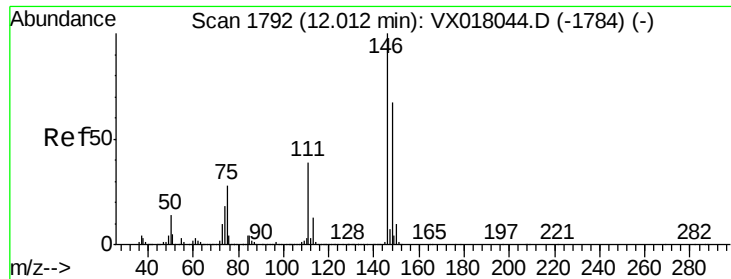
Tot Ion:105 Resp: 1208525
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 54.945 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion:119 Resp: 1127080
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 24.4 11.8 35.4

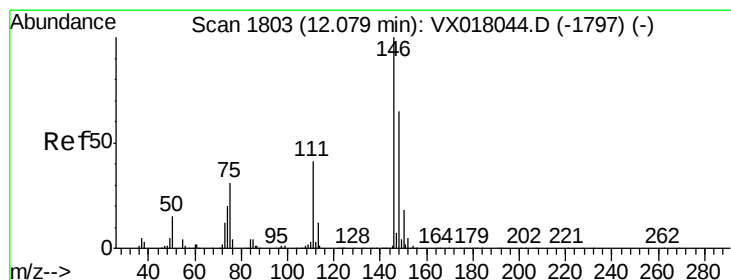
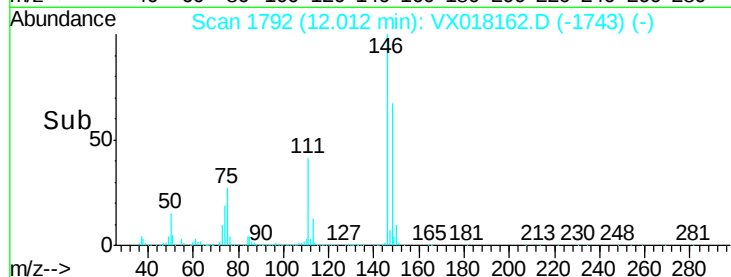
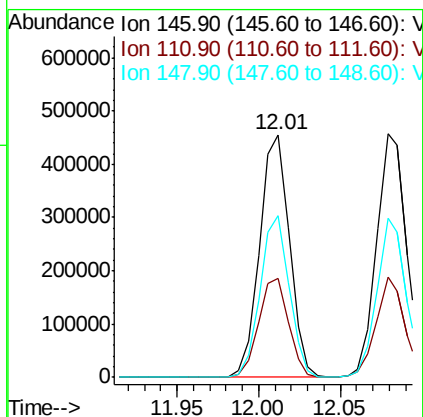
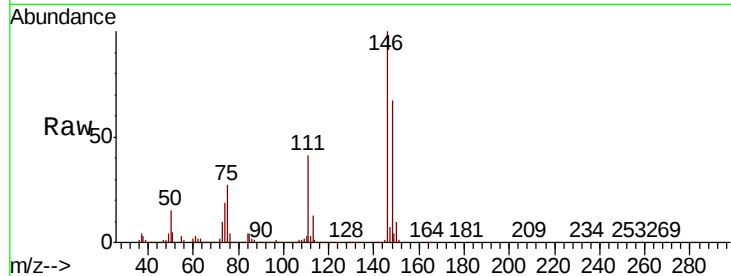




#87
 1,3-Dichlorobenzene
 Concen: 49.298 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

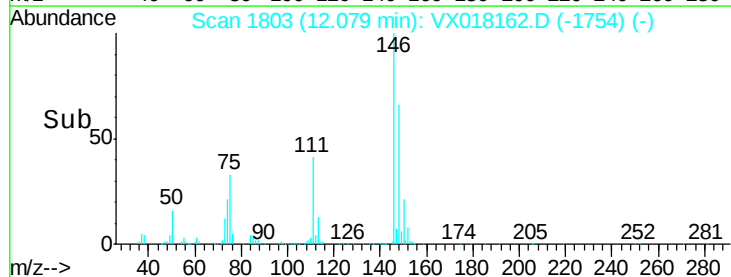
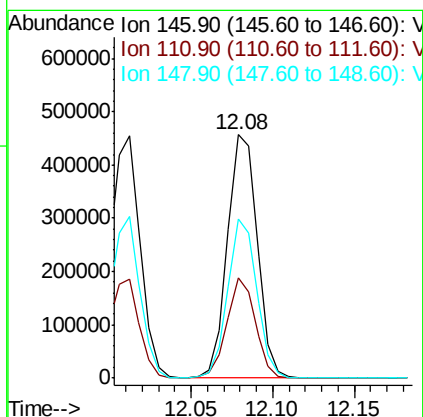
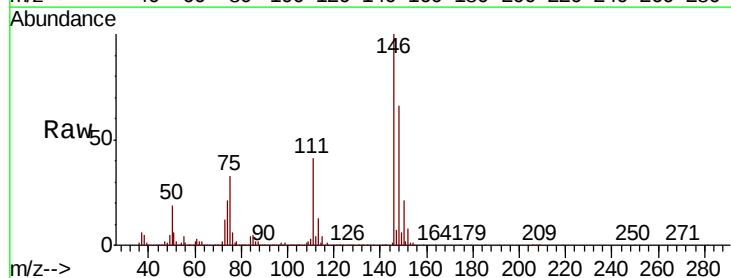
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.6	61.8
148	64.8	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 49.379 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.8
148	63.6	33.1	99.2

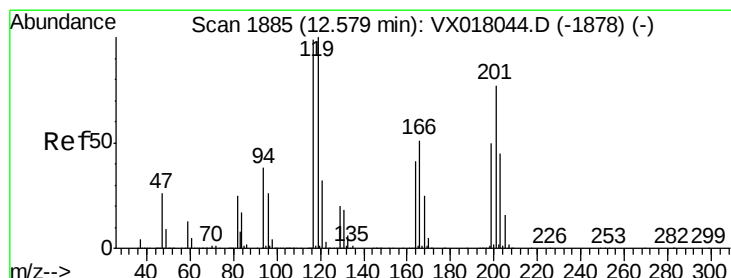
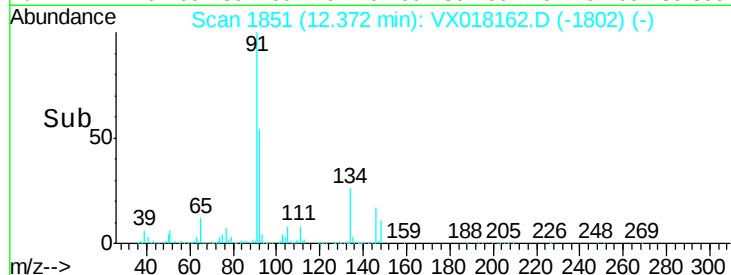
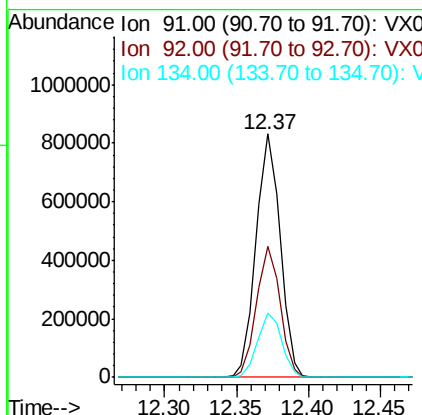
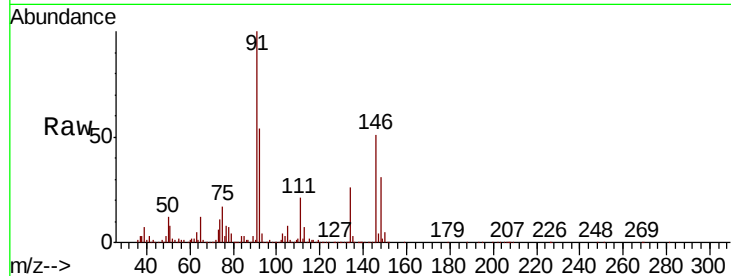




#89
n-Butylbenzene
Concen: 51.208 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

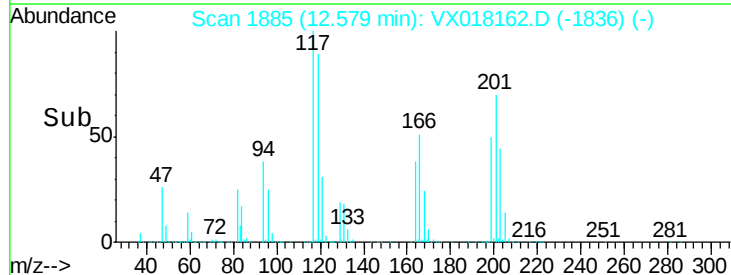
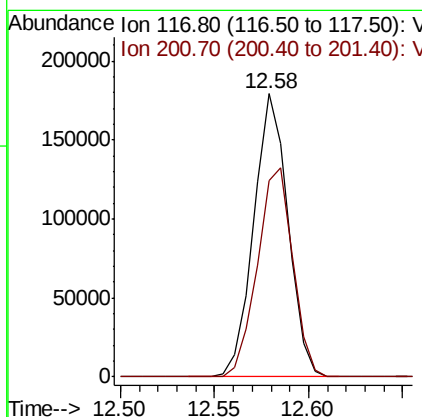
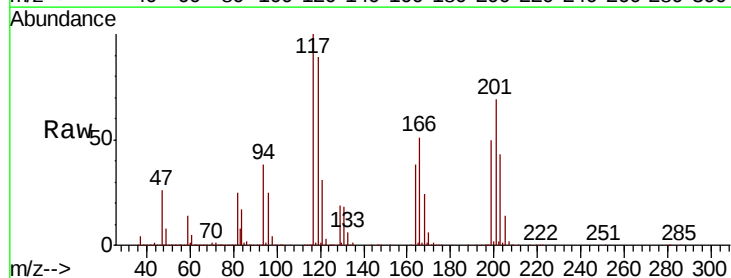
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 958732
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 26.5 12.9 38.7



#90
Hexachloroethane
Concen: 55.926 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018162.D
Acq: 31 Aug 2020 21:13

Tgt Ion: 117 Resp: 225708
Ion Ratio Lower Upper
117 100
201 76.7 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 51.441 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

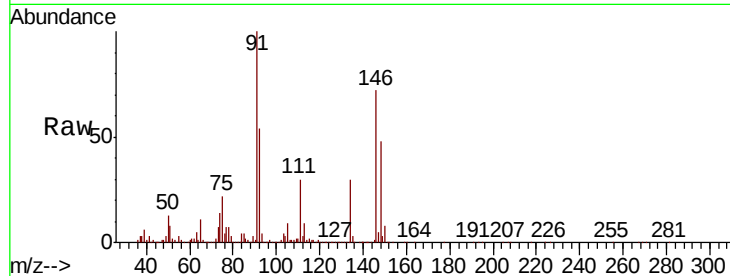
Tot Ion:146 Resp: 569054

Ion Ratio Lower Upper

146 100

111 41.0 20.8 62.5

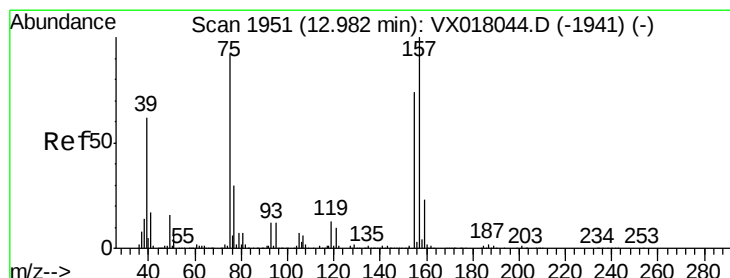
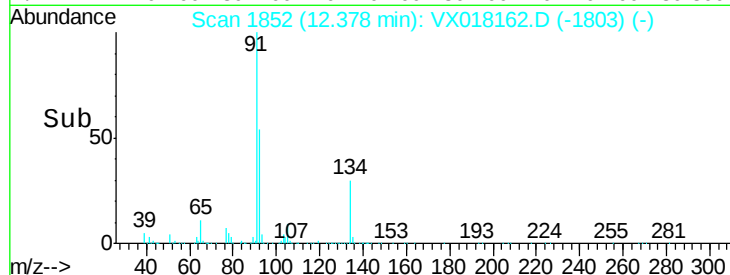
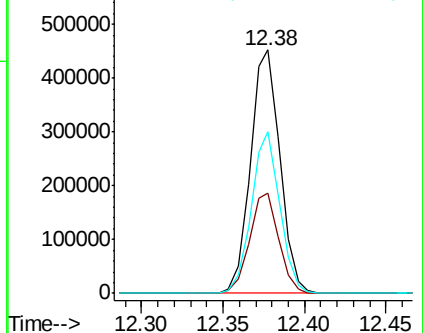
148 63.8 31.6 95.0



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: 47.862 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

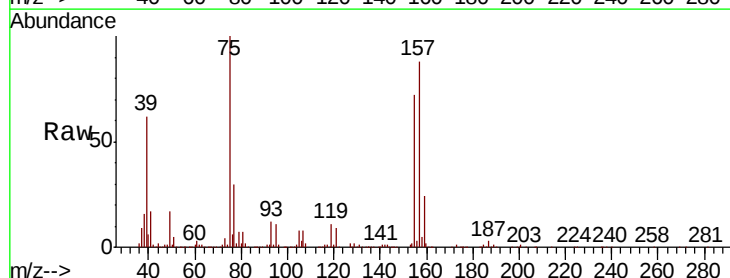
Tgt Ion: 75 Resp: 102227

Ion Ratio Lower Upper

75 100

155 79.7 40.2 120.6

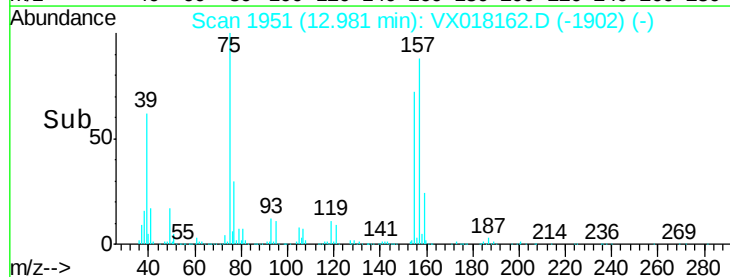
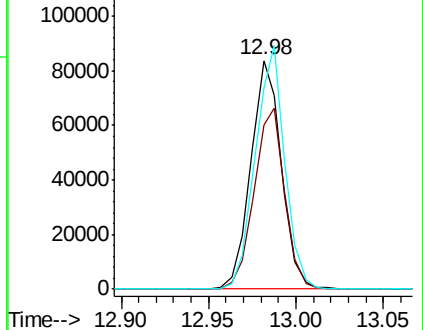
157 103.1 55.0 165.2

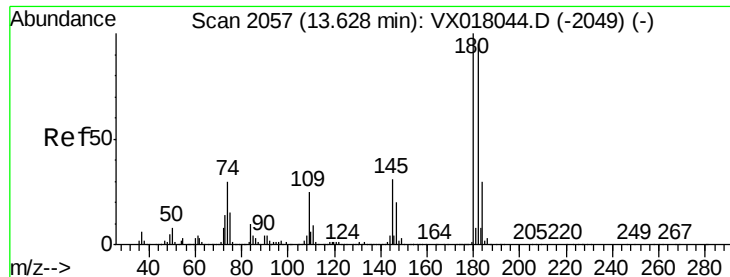


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

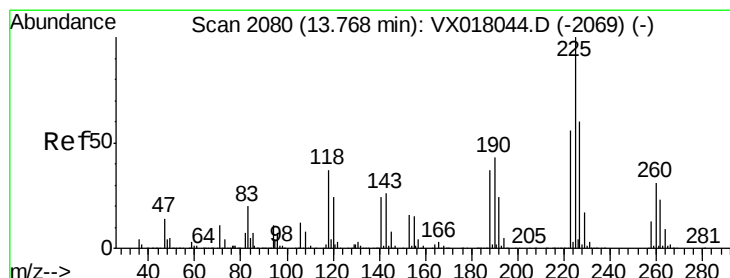
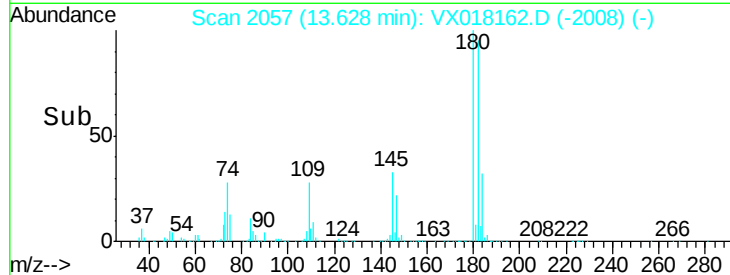
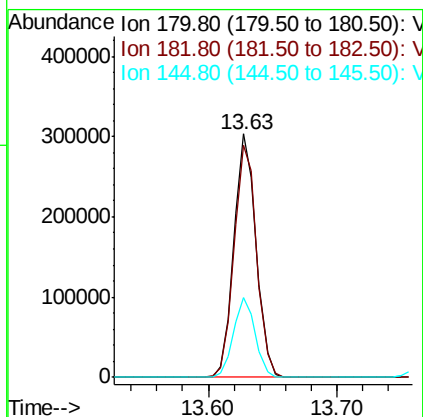
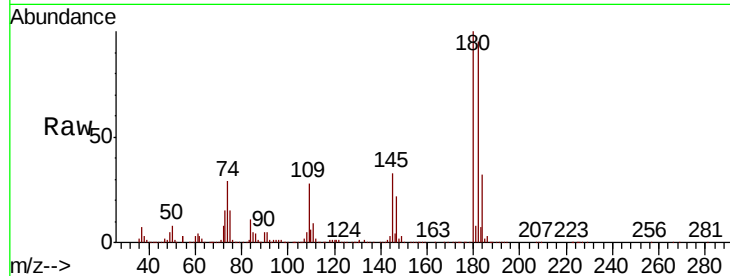




#93
 1,2,4-Trichlorobenzene
 Concen: 49.612 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

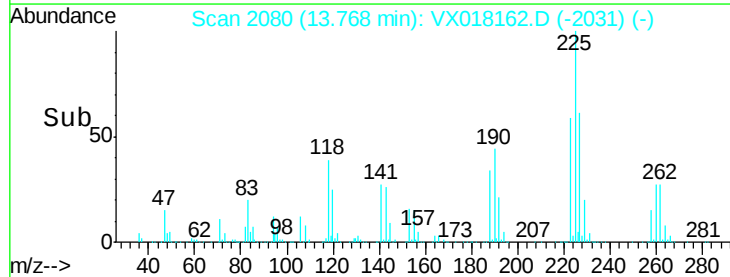
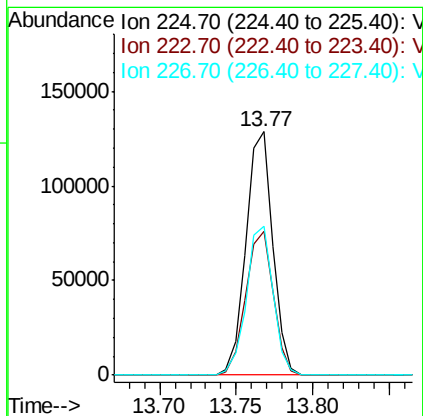
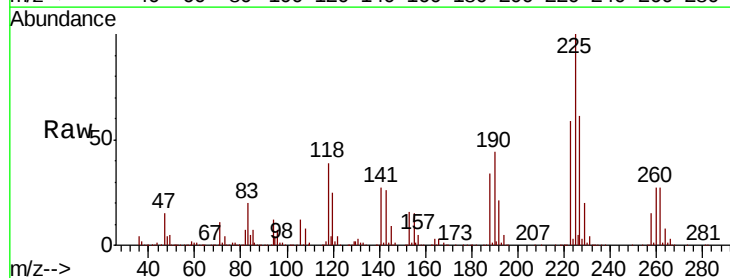
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

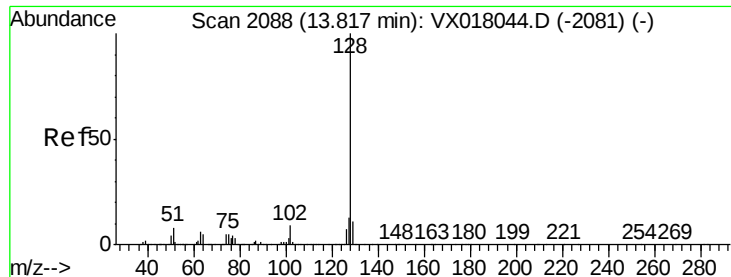
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.5	142.6
145	32.3	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 53.726 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018162.D
 Acq: 31 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	30.7	92.1
227	61.1	32.6	97.8





#95

Naphthalene

Concen: 51.684 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

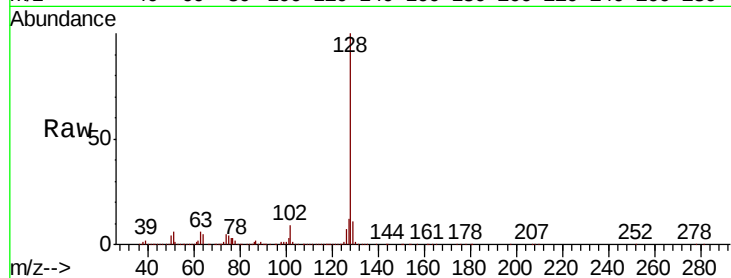
Tot Ion:128 Resp: 1254709

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

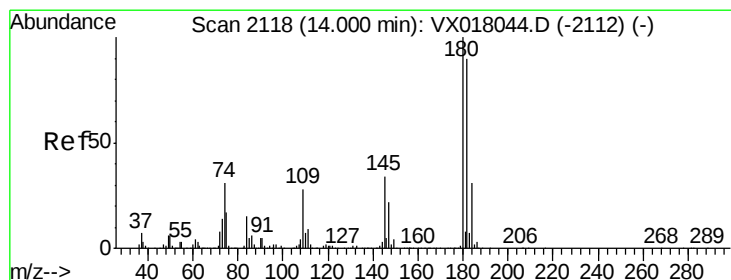
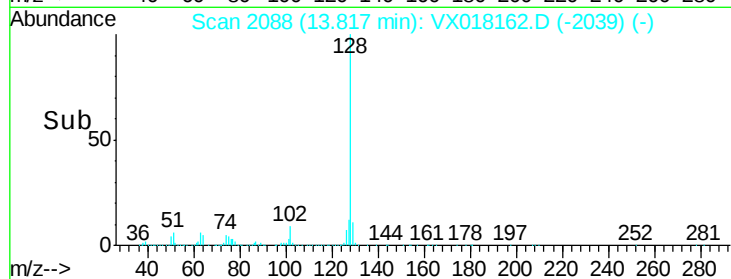
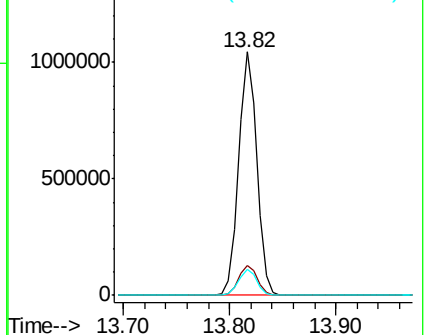
129 10.8 8.7 13.1



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: 49.829 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018162.D

Acq: 31 Aug 2020 21:13

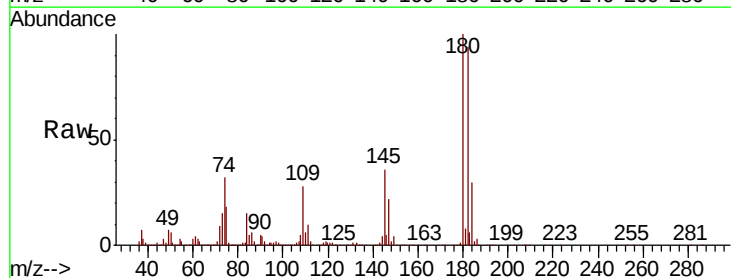
Tgt Ion:180 Resp: 363191

Ion Ratio Lower Upper

180 100

182 97.2 47.3 142.0

145 34.4 17.5 52.6



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

