

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112320\
 Data File : VX019566.D
 Acq On : 23 Nov 2020 21:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 24 04:58:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	285586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	476270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	416863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199836	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	179764	48.55	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.10%	
35) Dibromofluoromethane		5.46	113	147814	49.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.88%	
50) Toluene-d8		8.70	98	554626	47.74	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.48%	
62) 4-Bromofluorobenzene		11.12	95	203817	48.76	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	135606	48.828	ug/l	100
3) Chloromethane	1.31	50	140268	44.014	ug/l	98
4) Vinyl Chloride	1.39	62	162782	47.450	ug/l	97
5) Bromomethane	1.62	94	56070	43.150	ug/l	100
6) Chloroethane	1.69	64	36949	43.676	ug/l	99
7) Trichlorofluoromethane	1.89	101	242009	48.876	ug/l	100
8) Diethyl Ether	2.17	74	99752	50.303	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	134921	48.842	ug/l	99
10) Methyl Iodide	2.48	142	183428	50.545	ug/l	99
11) Tert butyl alcohol	3.06	59	179724	256.467	ug/l	100
12) 1,1-Dichloroethene	2.34	96	138429	48.824	ug/l	98
13) Acrolein	2.28	56	99155	210.496	ug/l	100
14) Allyl chloride	2.70	41	209116	47.081	ug/l	98
15) Acrylonitrile	3.12	53	409007	247.484	ug/l	99
16) Acetone	2.43	43	322938	225.521	ug/l	99
17) Carbon Disulfide	2.54	76	341469	44.830	ug/l	99
18) Methyl Acetate	2.75	43	172608	49.172	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	518214	52.950	ug/l	98
20) Methylene Chloride	2.83	84	167512	46.803	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	157489	49.026	ug/l	99
22) Diisopropyl ether	3.83	45	465412	50.652	ug/l	92
23) Vinyl Acetate	3.79	43	1990986	258.329	ug/l	99
24) 1,1-Dichloroethane	3.67	63	280354	49.884	ug/l	99
25) 2-Butanone	4.64	43	515905	239.835	ug/l	98
26) 2,2-Dichloropropane	4.54	77	216640	44.162	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	190347	51.585	ug/l	99
28) Bromochloromethane	4.98	49	118632	44.150	ug/l	96
29) Tetrahydrofuran	5.10	42	334509	243.724	ug/l	98
30) Chloroform	5.17	83	300171	51.078	ug/l	97
31) Cyclohexane	5.54	56	230453	47.851	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	261773	51.856	ug/l	99
36) 1,1-Dichloropropene	5.76	75	216994	48.598	ug/l	100
37) Ethyl Acetate	4.80	43	209313	49.934	ug/l	99
38) Carbon Tetrachloride	5.75	117	220713	51.069	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	241992	46.547	ug/l	100
40) Benzene	6.11	78	668705	48.744	ug/l	100
41) Methacrylonitrile	5.01	41	111085	48.057	ug/l	98
42) 1,2-Dichloroethane	6.16	62	232516	49.448	ug/l	99
43) Isopropyl Acetate	6.42	43	343910	48.807	ug/l	99
44) Trichloroethene	7.18	130	196953	54.808	ug/l	97
45) 1,2-Dichloropropane	7.49	63	165679	49.056	ug/l	99
46) Dibromomethane	7.63	93	115539	49.984	ug/l	99
47) Bromodichloromethane	7.87	83	226273	50.446	ug/l	96
48) Methyl methacrylate	7.74	41	166583	50.480	ug/l	99
49) 1,4-Dioxane	7.72	88	79260	1057.826	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1018396	247.849	ug/l	99
52) Toluene	8.76	92	413694	49.293	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	244503	50.473	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	268735	49.989	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	169035	49.455	ug/l	98
56) Ethyl methacrylate	9.16	69	255096	52.745	ug/l	99
57) 1,3-Dichloropropane	9.35	76	283514	49.545	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	661599	233.456	ug/l	98
59) 2-Hexanone	9.48	43	775034	248.703	ug/l	99
60) Dibromochloromethane	9.56	129	173462	51.813	ug/l	100
61) 1,2-Dibromoethane	9.65	107	177716	50.442	ug/l	99
64) Tetrachloroethene	9.32	164	150219	45.844	ug/l	96
65) Chlorobenzene	10.12	112	421902	49.226	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	162923	52.260	ug/l	98
67) Ethyl Benzene	10.23	91	773098	51.489	ug/l	100
68) m/p-Xylenes	10.34	106	576133	102.993	ug/l	99
69) o-Xylene	10.68	106	282658	52.859	ug/l	98
70) Styrene	10.70	104	476985	48.248	ug/l	100
71) Bromoform	10.84	173	123502	46.998	ug/l	98
73) Isopropylbenzene	11.00	105	732890	53.015	ug/l	99
74) N-amyl acetate	10.88	43	291412	56.255	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	262119	53.021	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	286997	65.808	ug/l	88
77) Bromobenzene	11.24	156	186887	52.956	ug/l	98
78) n-propylbenzene	11.34	91	823343	51.916	ug/l	100
79) 2-Chlorotoluene	11.40	91	504686	52.473	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	617021	53.206	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	80171	49.681	ug/l	100
82) 4-Chlorotoluene	11.49	91	589000	52.021	ug/l	100
83) tert-Butylbenzene	11.76	119	614425	54.765	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	636957	54.284	ug/l	99
85) sec-Butylbenzene	11.93	105	680436	50.979	ug/l	100
86) p-Isopropyltoluene	12.05	119	628002	51.823	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	338383	52.210	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	328074	49.142	ug/l	97
89) n-Butylbenzene	12.37	91	531292	48.495	ug/l	98
90) Hexachloroethane	12.58	117	109217	53.860	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	335911	51.603	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56584	56.104	ug/l	99

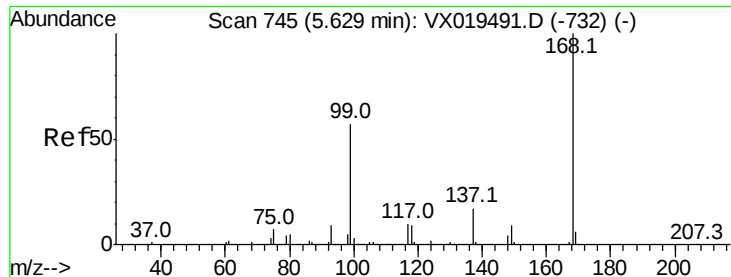
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	213787	51.155	ug/l	98
94) Hexachlorobutadiene	13.76	225	84930	44.611	ug/l	97
95) Naphthalene	13.82	128	752205	50.987	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	211008	50.477	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

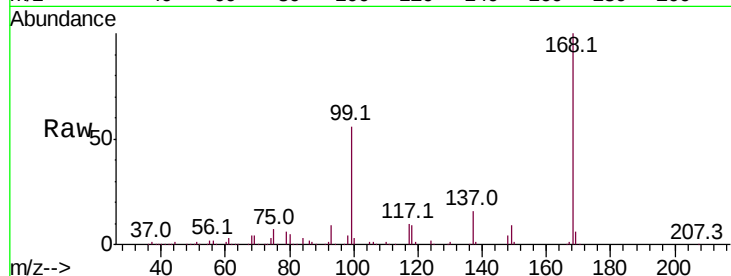
VSTDCCC050

Tot Ion:168 Resp: 285586

Ion Ratio Lower Upper

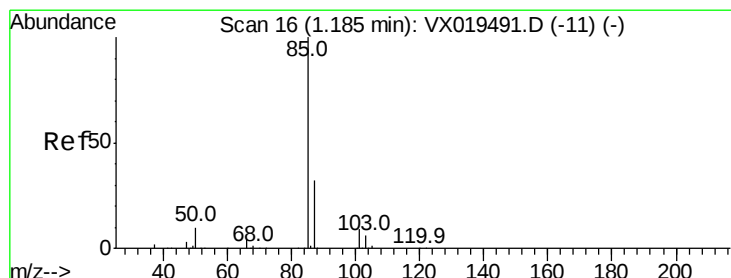
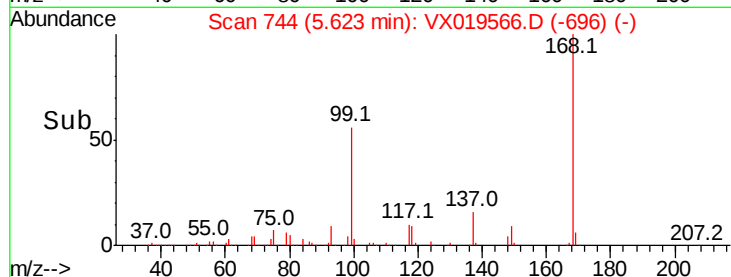
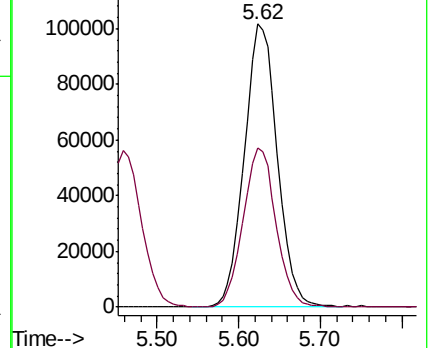
168 100

99 56.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.828 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019566.D

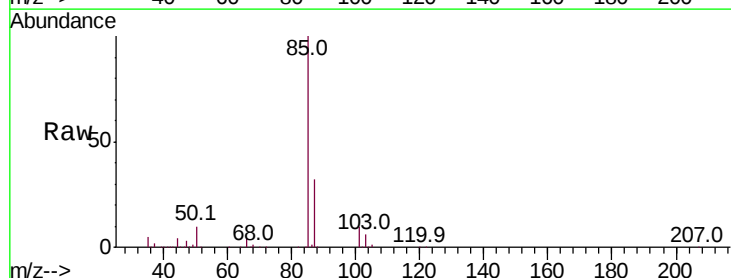
Acq: 23 Nov 2020 21:42

Tgt Ion: 85 Resp: 135606

Ion Ratio Lower Upper

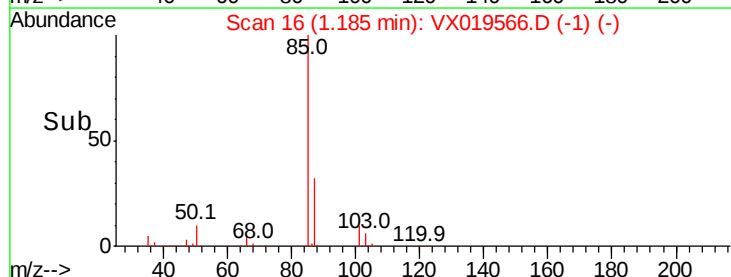
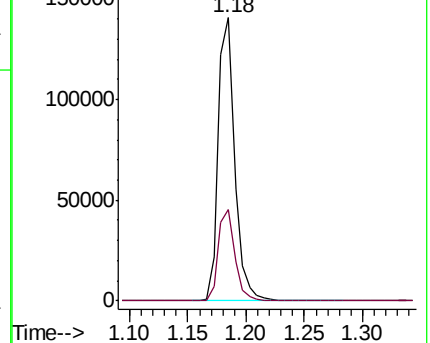
85 100

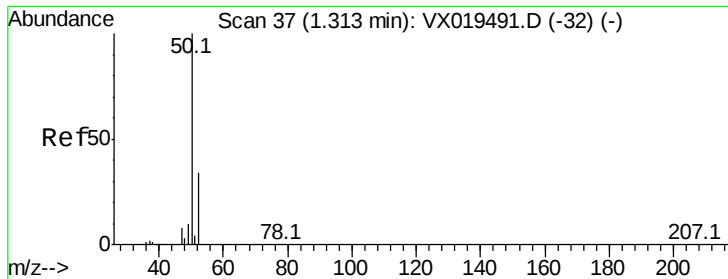
87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.014 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

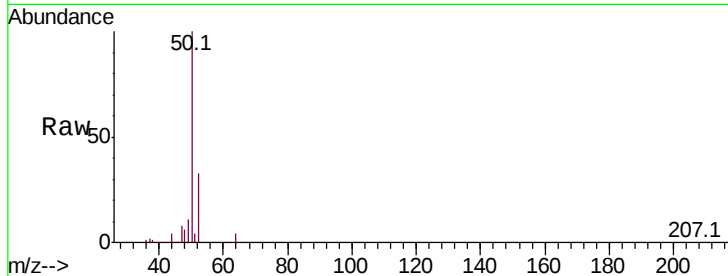
VSTDCCC050

Tot Ion: 50 Resp: 140268

Ion Ratio Lower Upper

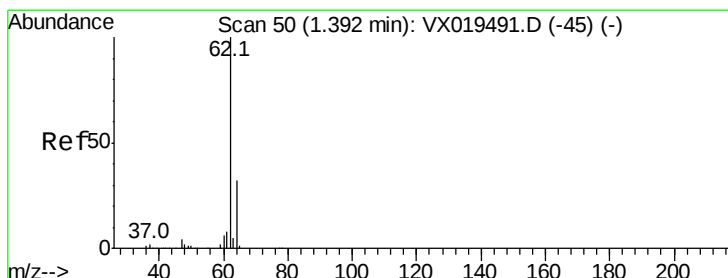
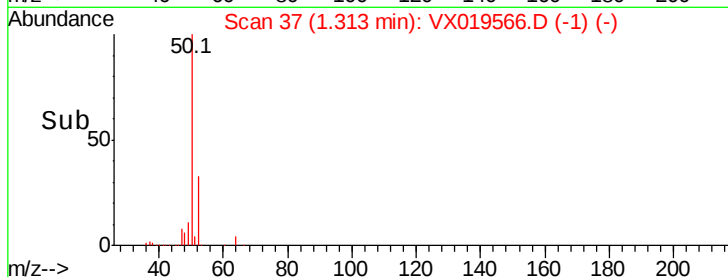
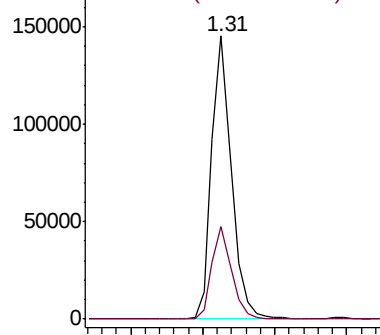
50 100

52 32.6 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.450 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019566.D

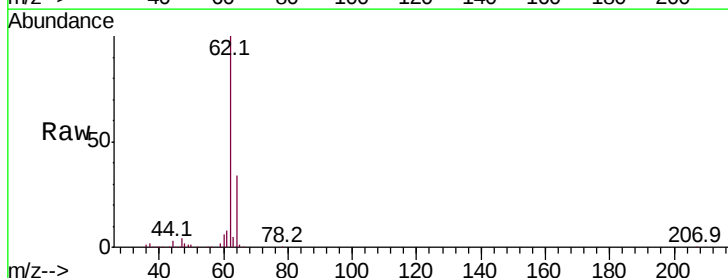
Acq: 23 Nov 2020 21:42

Tgt Ion: 62 Resp: 162782

Ion Ratio Lower Upper

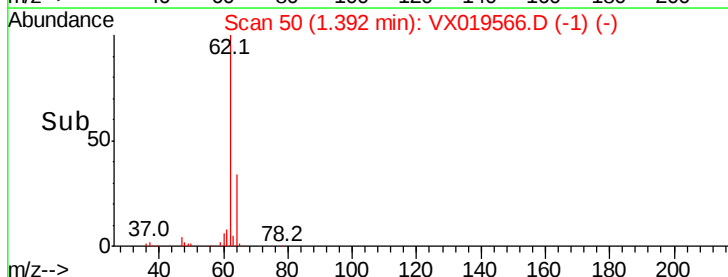
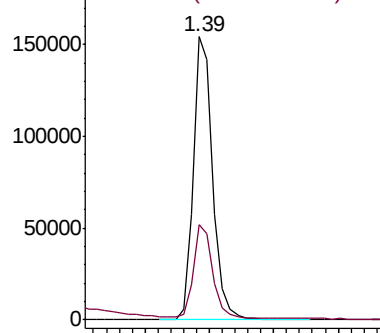
62 100

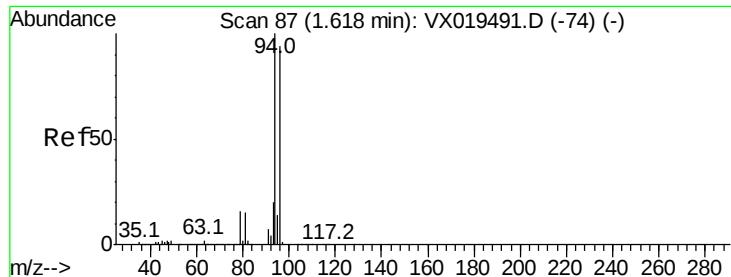
64 33.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.150 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

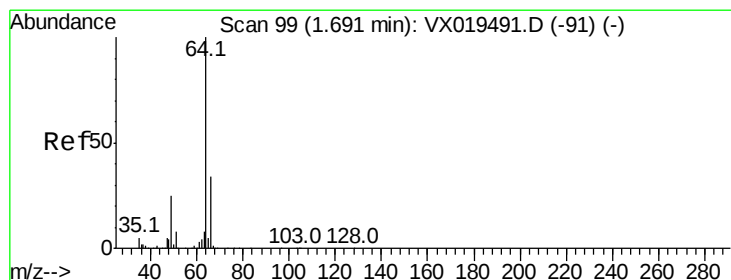
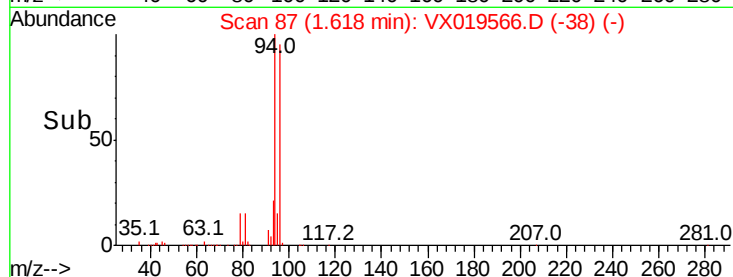
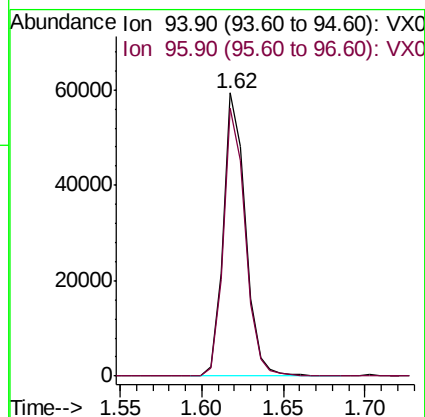
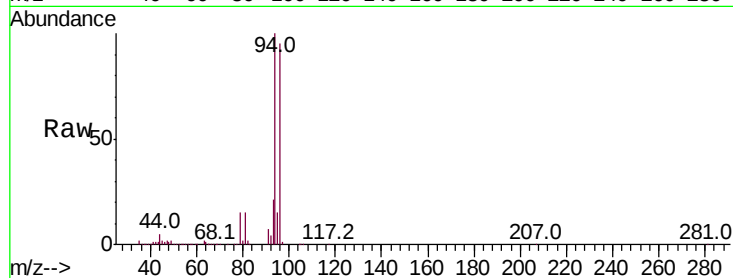
VSTDCCC050

Tot Ion: 94 Resp: 56070

Ion Ratio Lower Upper

94 100

96 94.6 75.6 113.4



#6

Chloroethane

Concen: 43.676 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019566.D

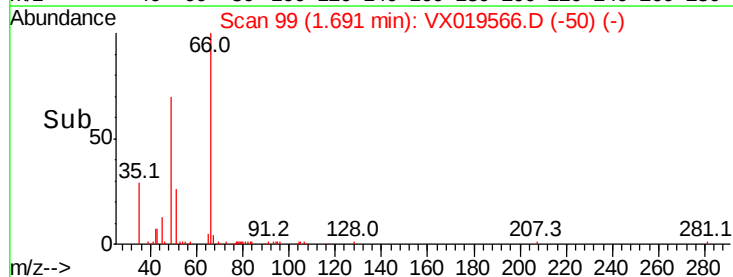
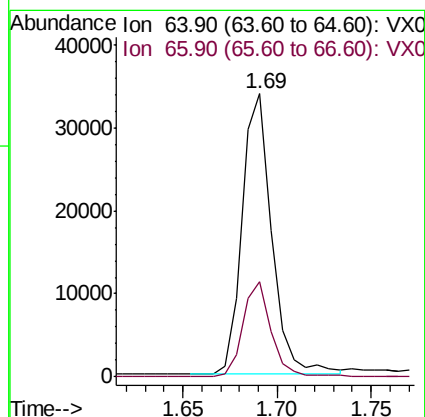
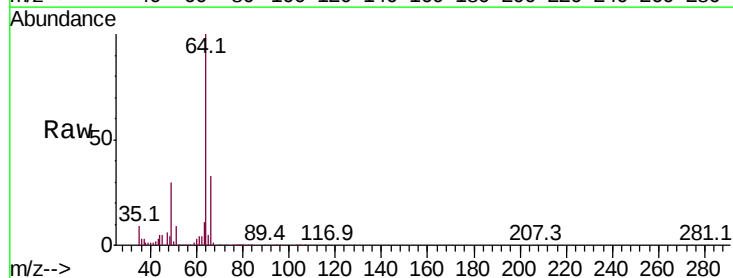
Acq: 23 Nov 2020 21:42

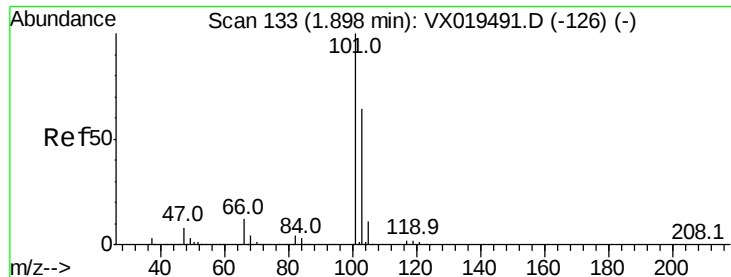
Tgt Ion: 64 Resp: 36949

Ion Ratio Lower Upper

64 100

66 33.6 27.1 40.7



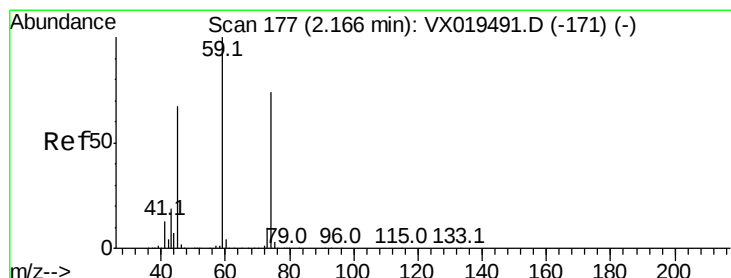
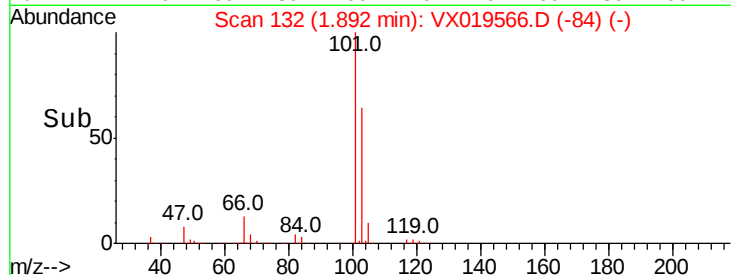
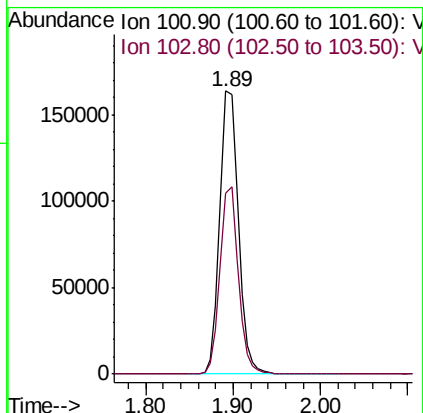
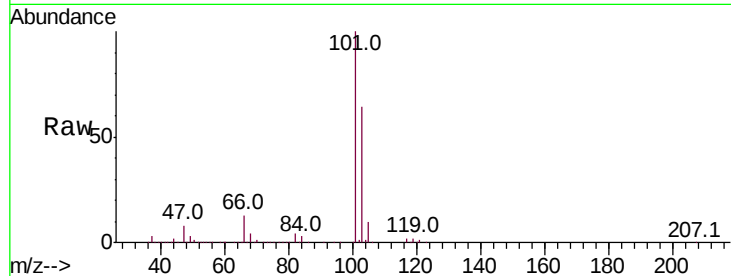


#7

Trichlorofluoromethane
 Concen: 48.876 ug/l
 RT: 1.89 min Scan# 132
 Delta R.T. -0.01 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

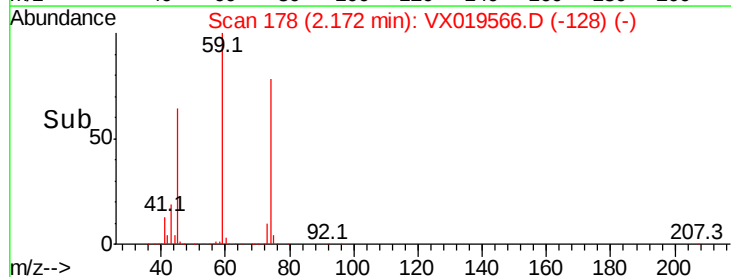
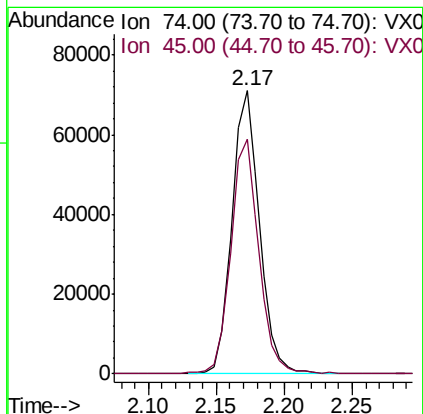
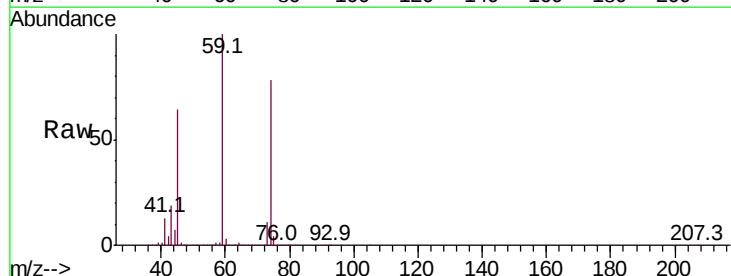
Tot Ion:101 Resp: 242009
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.9 76.3

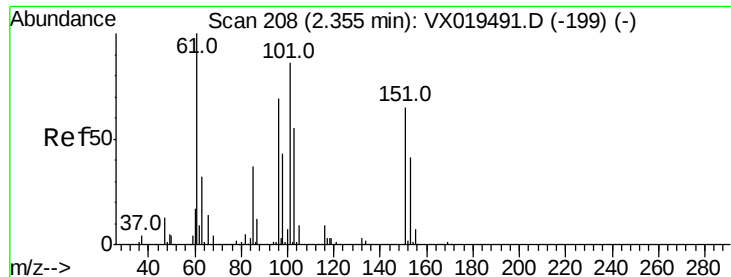


#8

Diethyl Ether
 Concen: 50.303 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion: 74 Resp: 99752
 Ion Ratio Lower Upper
 74 100
 45 83.4 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.842 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

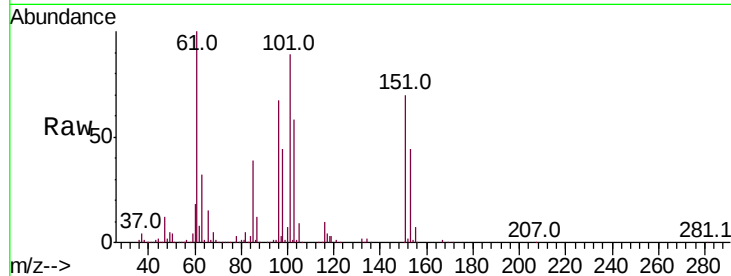
Tot Ion:101 Resp: 134921

Ion Ratio Lower Upper

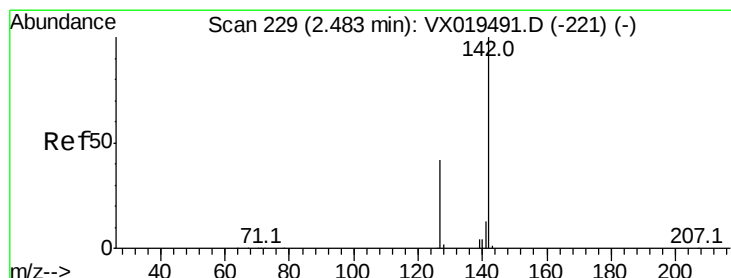
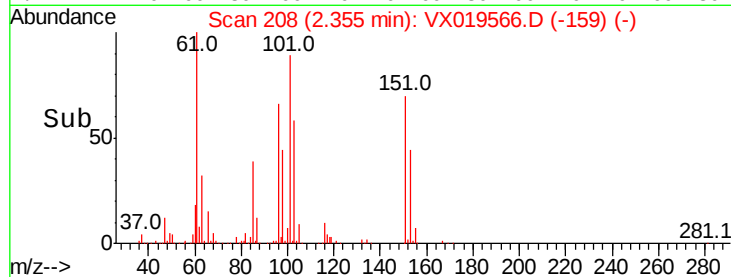
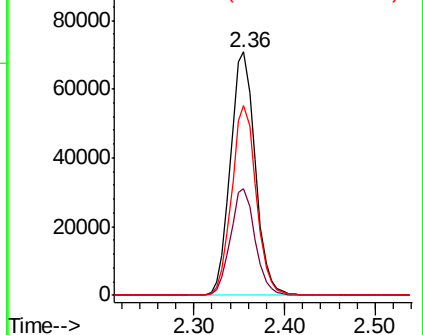
101 100

85 43.4 33.9 50.9

151 76.9 60.9 91.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.545 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

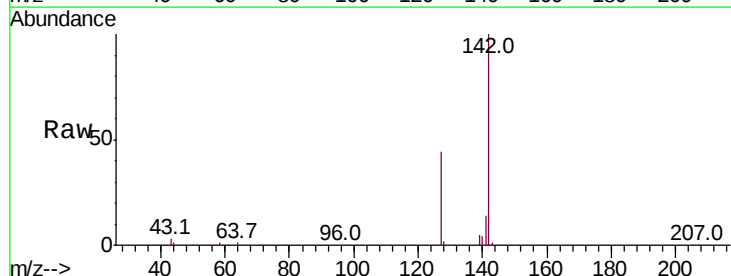
Tgt Ion:142 Resp: 183428

Ion Ratio Lower Upper

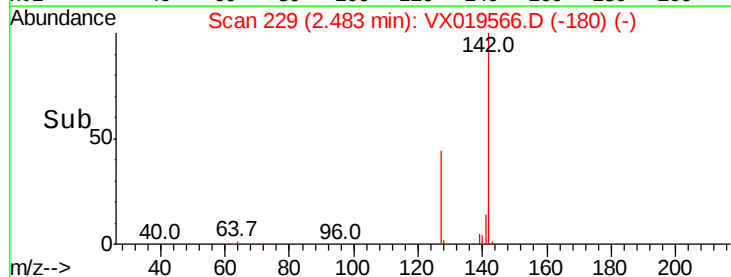
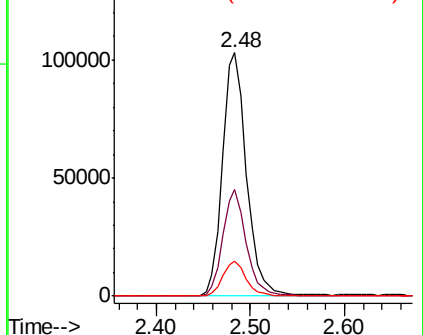
142 100

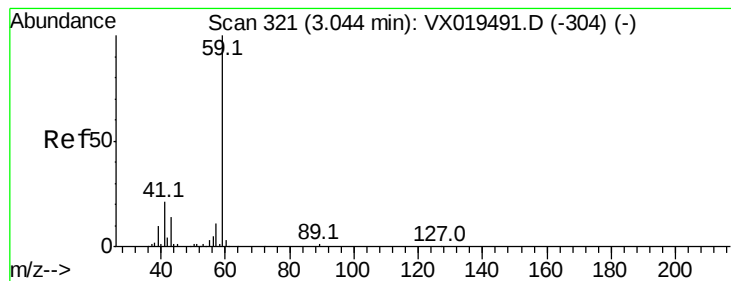
127 42.8 33.8 50.6

141 14.1 11.0 16.6



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



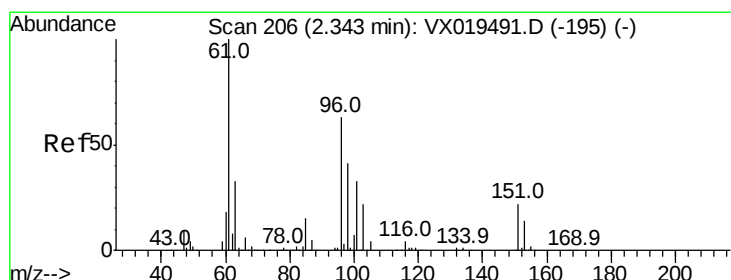
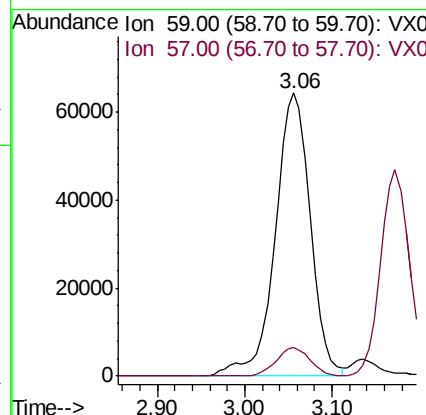
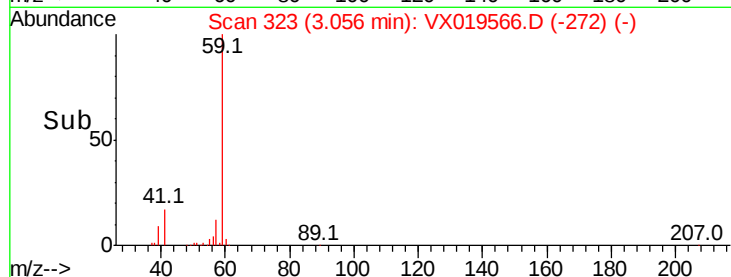
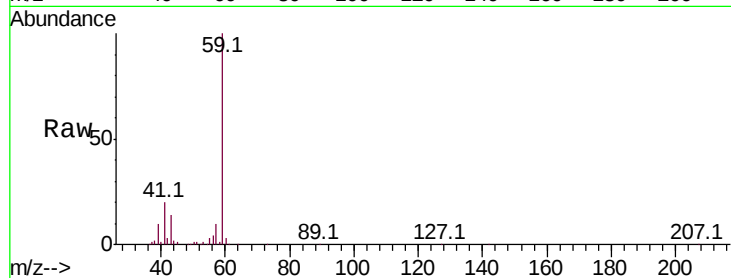


#11

Tert butyl alcohol
Concen: 256.467 ug/l
RT: 3.06 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

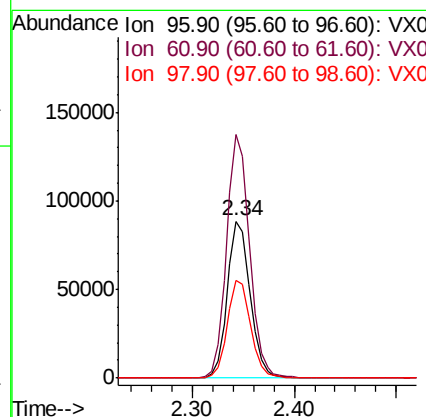
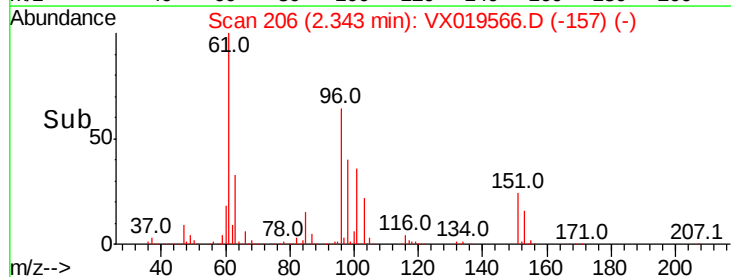
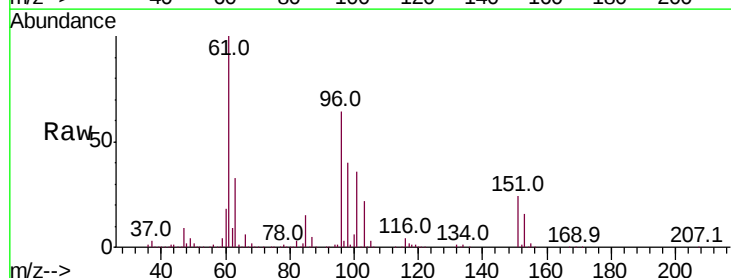
Tot Ion: 59 Resp: 179724
Ion Ratio Lower Upper
59 100
57 10.0 7.9 11.9

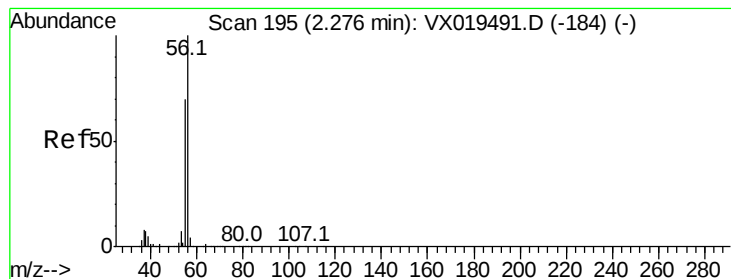


#12

1,1-Dichloroethene
Concen: 48.824 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion: 96 Resp: 138429
Ion Ratio Lower Upper
96 100
61 155.4 126.0 189.0
98 62.0 52.0 78.0





#13

Acrolein

Concen: 210.496 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

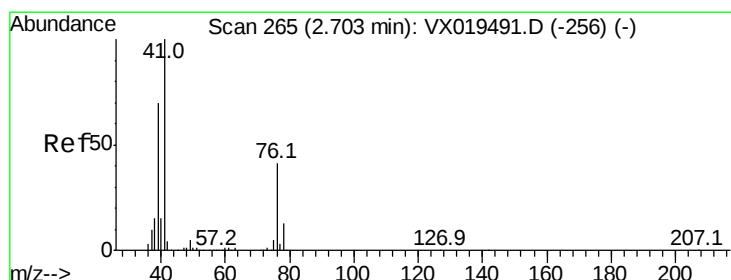
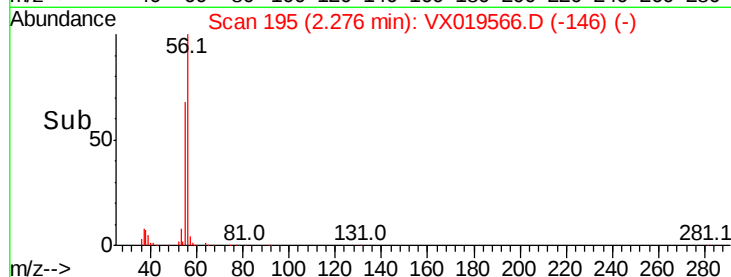
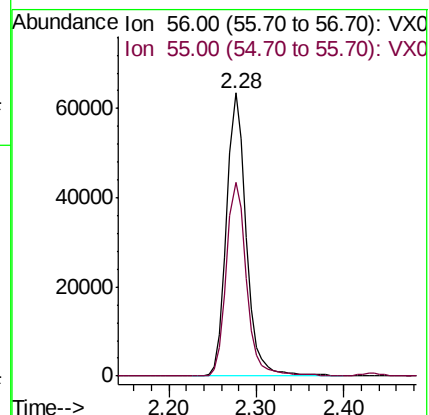
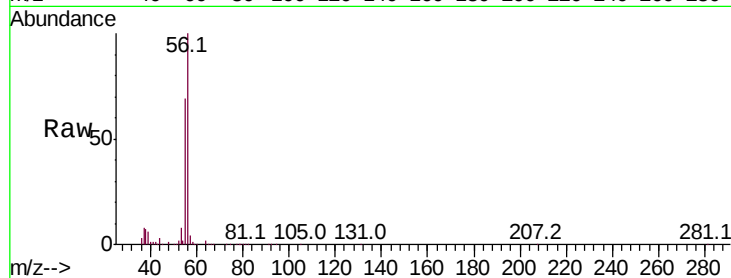
VSTDCCC050

Tot Ion: 56 Resp: 99155

Ion Ratio Lower Upper

56 100

55 69.8 55.5 83.3



#14

Allyl chloride

Concen: 47.081 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

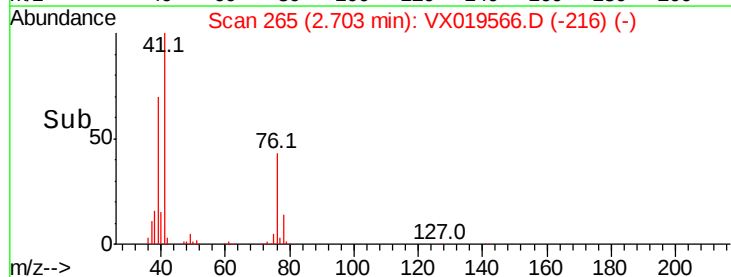
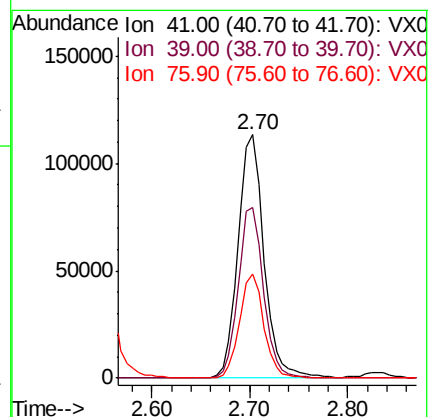
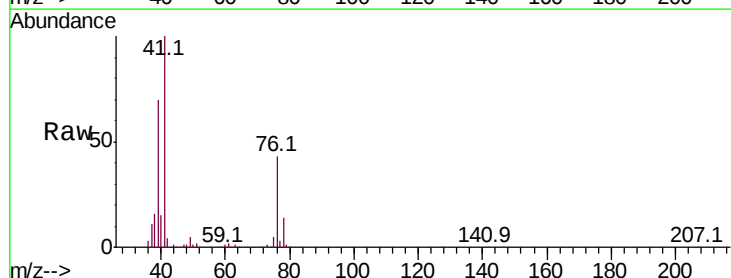
Tgt Ion: 41 Resp: 209116

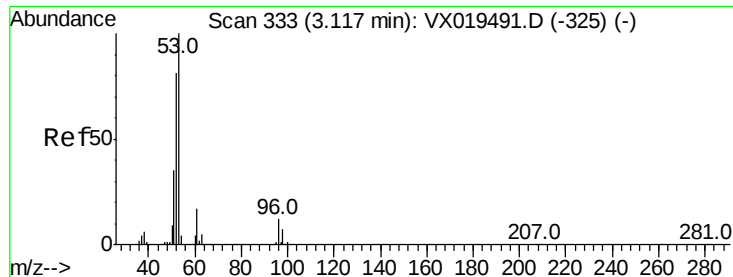
Ion Ratio Lower Upper

41 100

39 68.2 53.0 79.4

76 40.1 31.0 46.6





#15

Acrylonitrile

Concen: 247.484 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

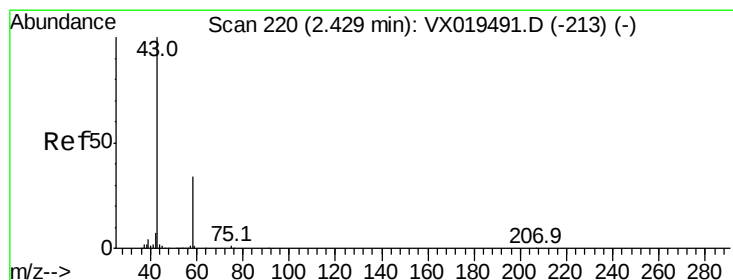
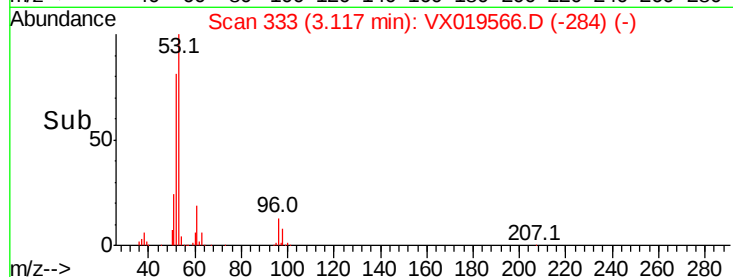
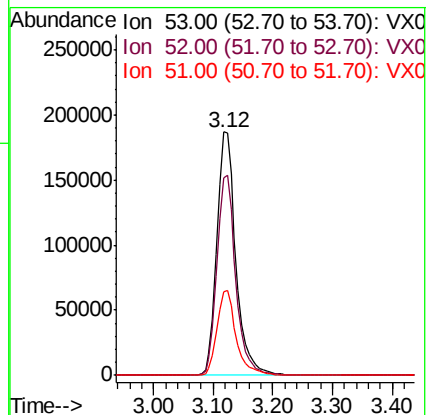
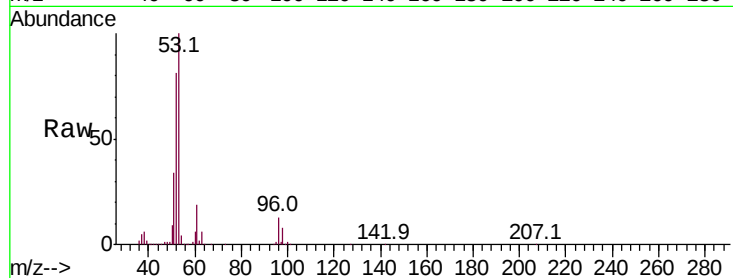
Tot Ion: 53 Resp: 409007

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

51 35.2 28.5 42.7



#16

Acetone

Concen: 225.521 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019566.D

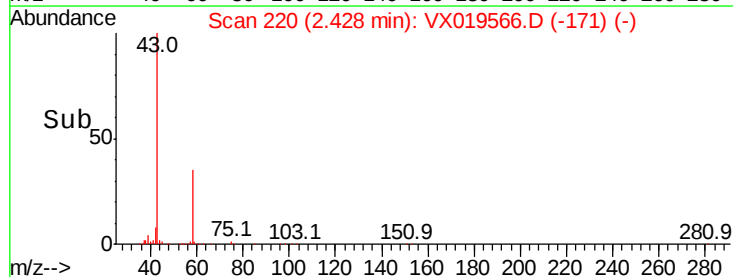
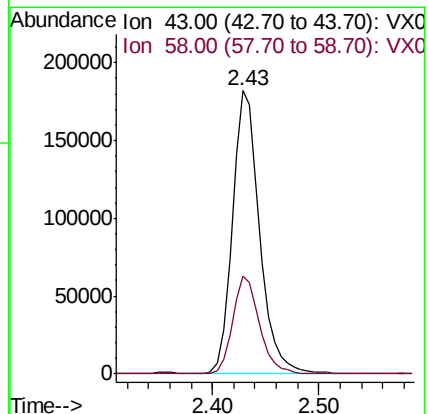
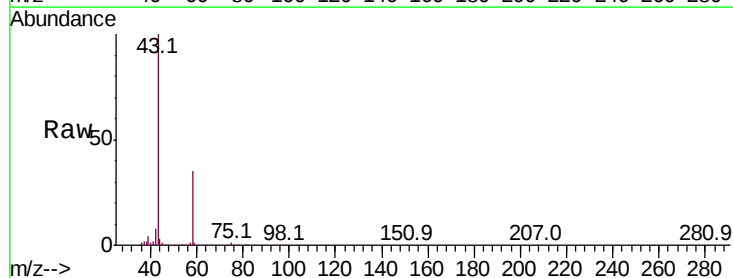
Acq: 23 Nov 2020 21:42

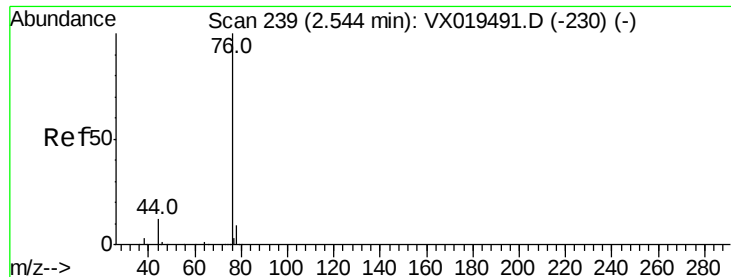
Tgt Ion: 43 Resp: 322938

Ion Ratio Lower Upper

43 100

58 34.7 27.4 41.2

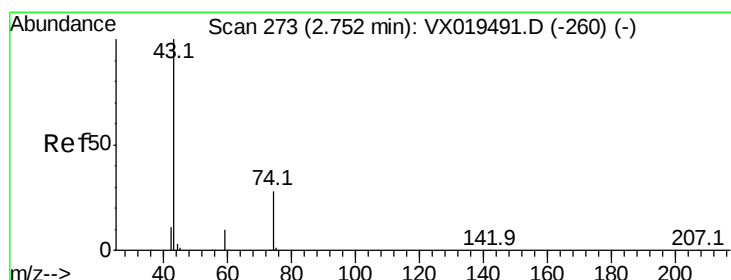
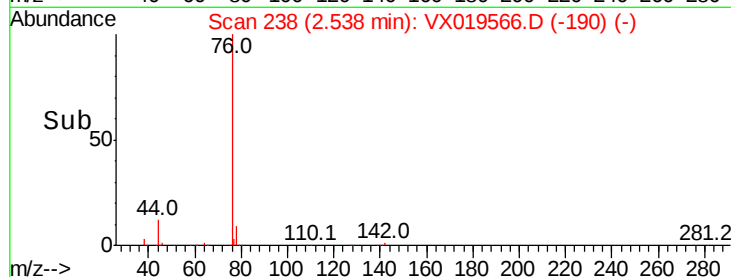
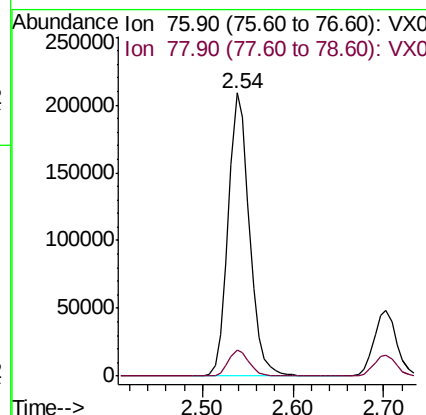
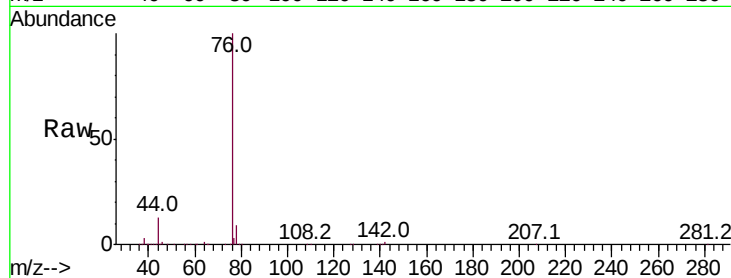




#17
Carbon Disulfide
Concen: 44.830 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

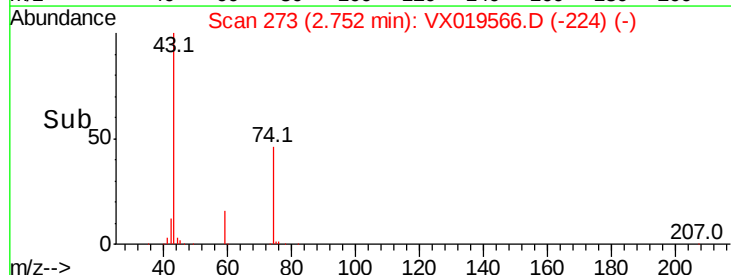
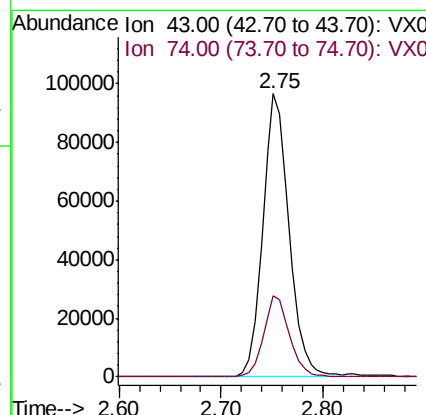
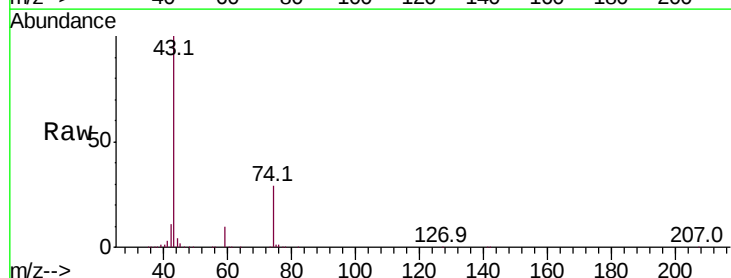
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

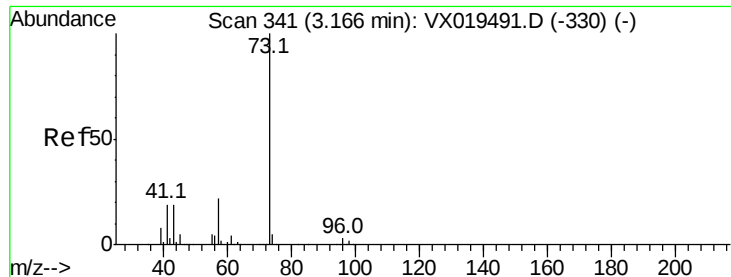
Tot Ion: 76 Resp: 341469
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 49.172 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion: 43 Resp: 172608
Ion Ratio Lower Upper
43 100
74 28.0 22.2 33.4



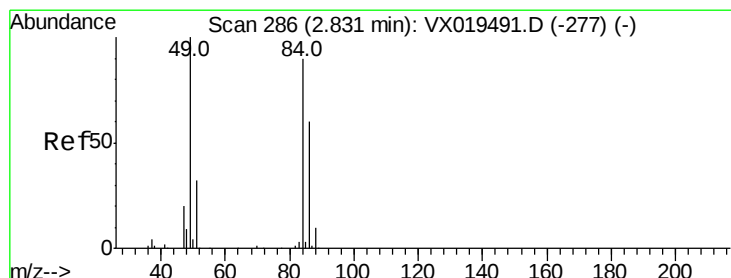
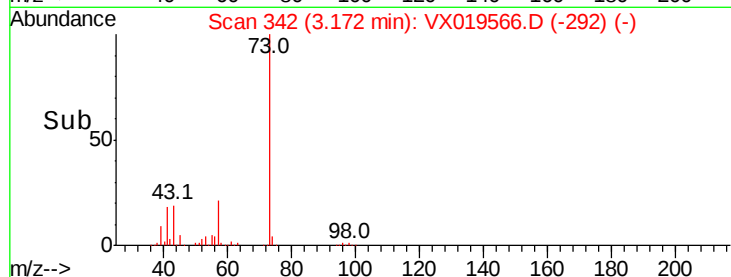
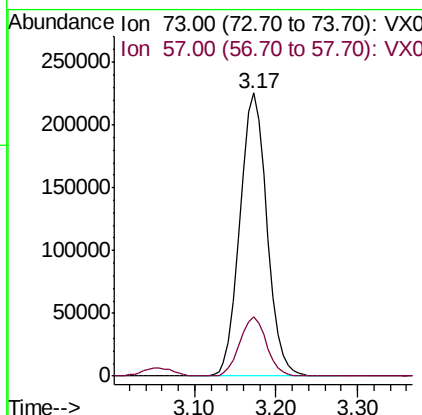
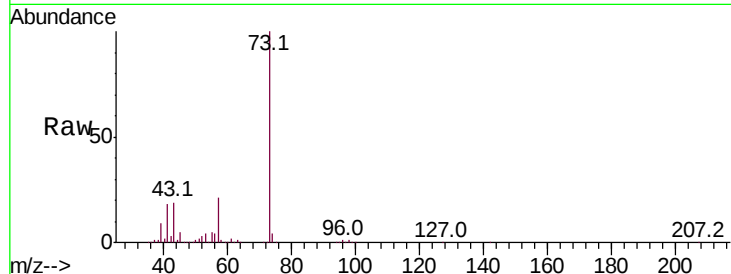


#19

Methyl tert-butyl Ether
 Concen: 52.950 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

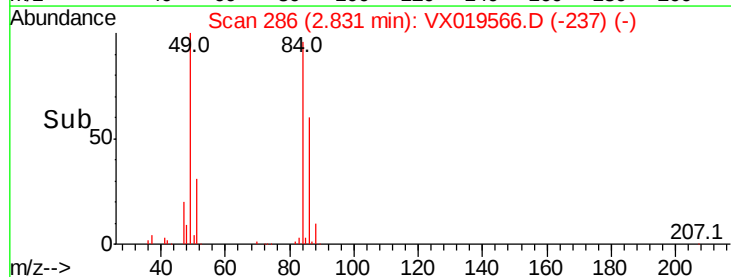
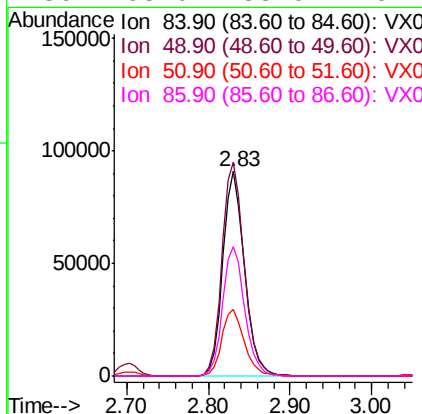
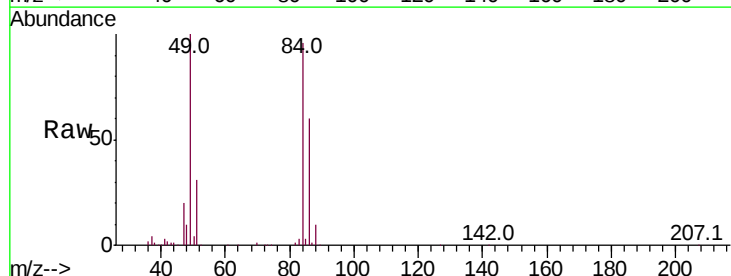
Tot Ion: 73 Resp: 518214
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.3 25.9

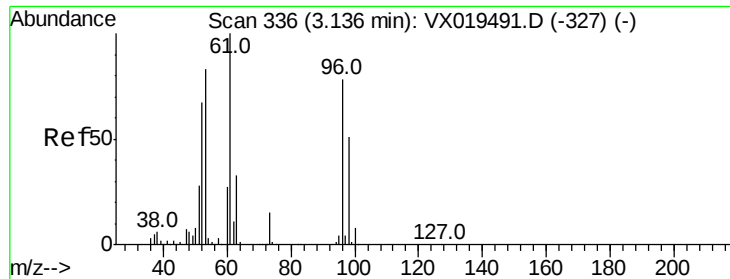


#20

Methylene Chloride
 Concen: 46.803 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion: 84 Resp: 167512
 Ion Ratio Lower Upper
 84 100
 49 104.5 88.5 132.7
 51 32.9 28.0 42.0
 86 63.0 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 49.026 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

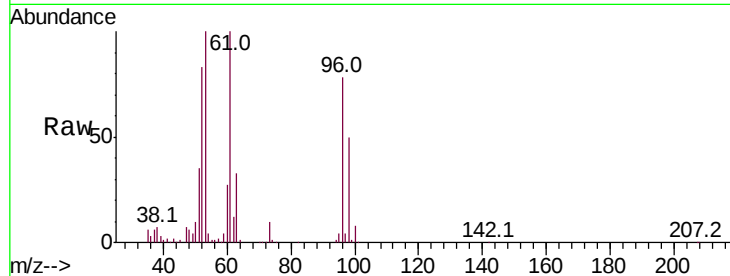
Tot Ion: 96 Resp: 157489

Ion Ratio Lower Upper

96 100

61 127.8 102.9 154.3

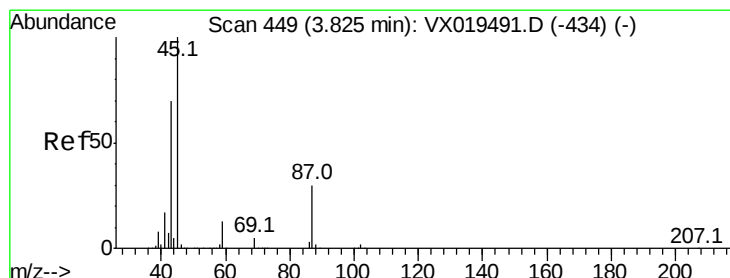
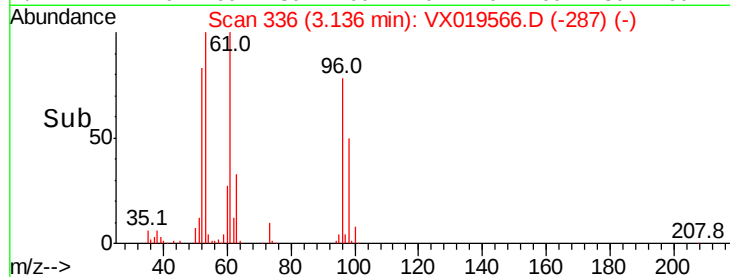
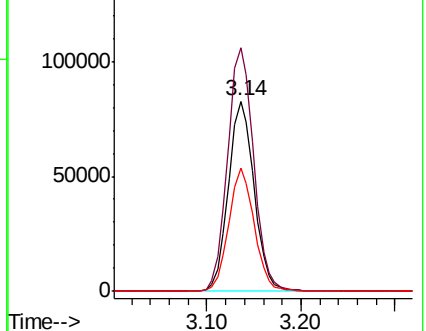
98 64.6 52.1 78.1



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: 50.652 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Tgt Ion: 45 Resp: 465412

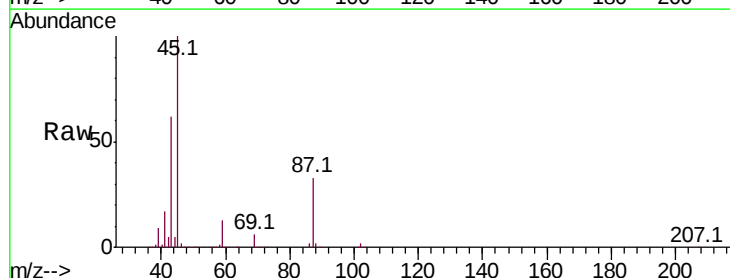
Ion Ratio Lower Upper

45 100

43 61.6 56.1 84.1

87 32.9 24.2 36.2

59 13.1 10.2 15.2

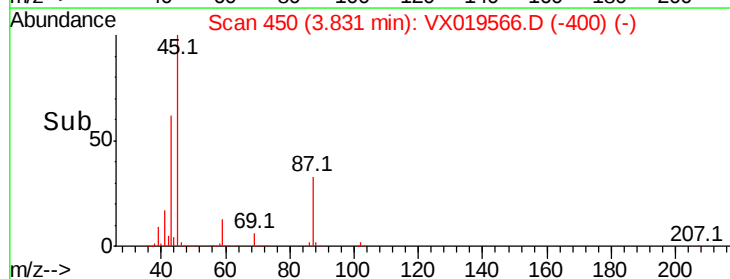
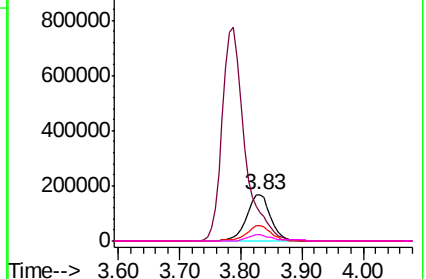


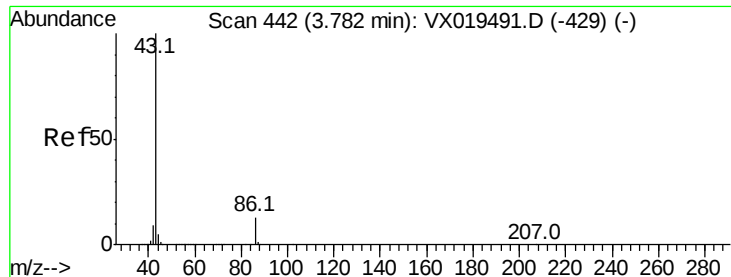
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 258.329 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

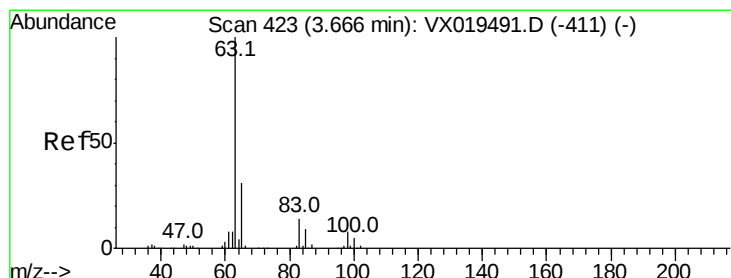
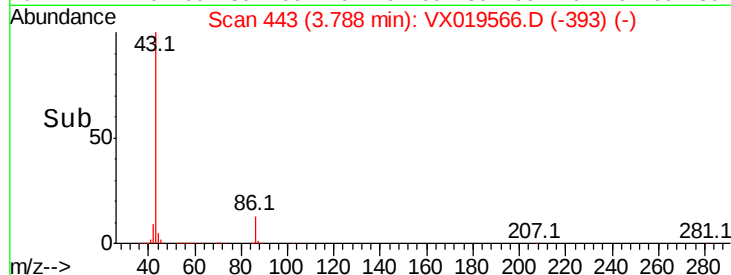
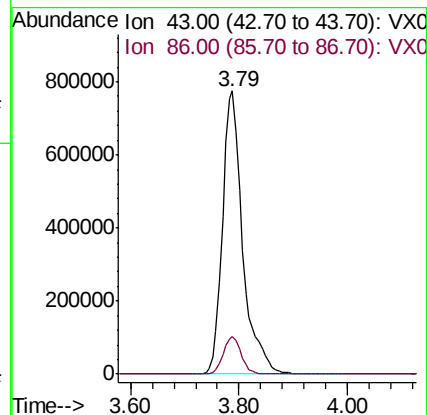
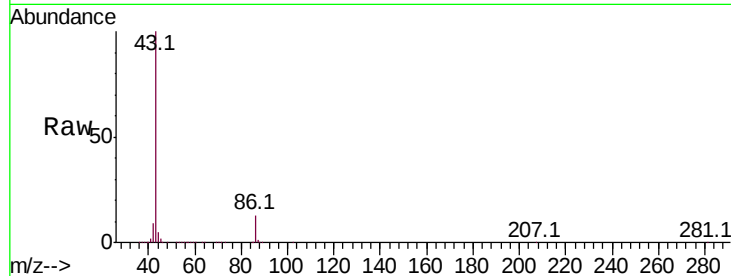
VSTDCCC050

Tot Ion: 43 Resp: 1990986

Ion Ratio Lower Upper

43 100

86 13.2 10.2 15.2



#24

1,1-Dichloroethane

Concen: 49.884 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

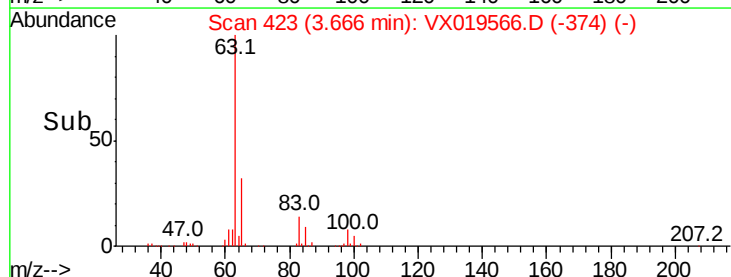
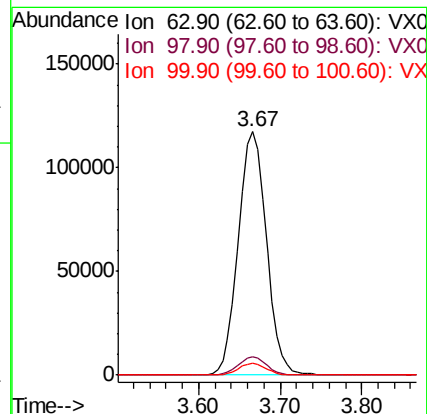
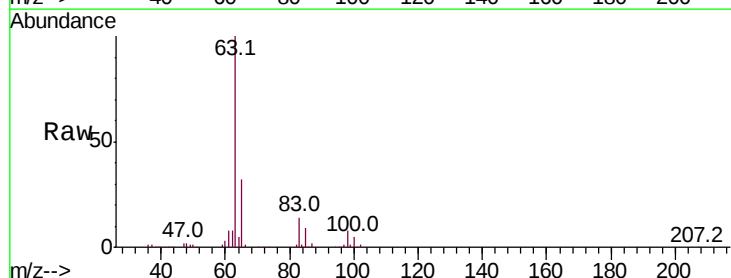
Tgt Ion: 63 Resp: 280354

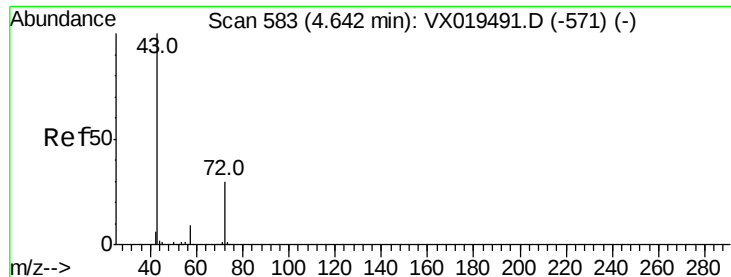
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 239.835 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

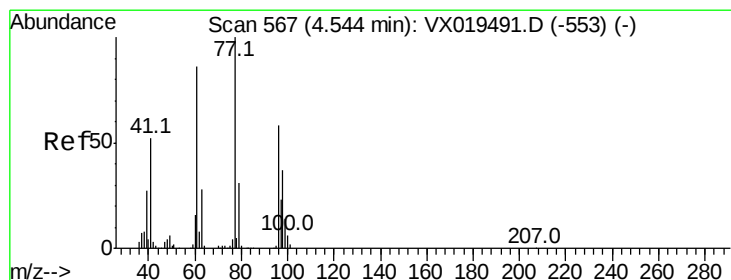
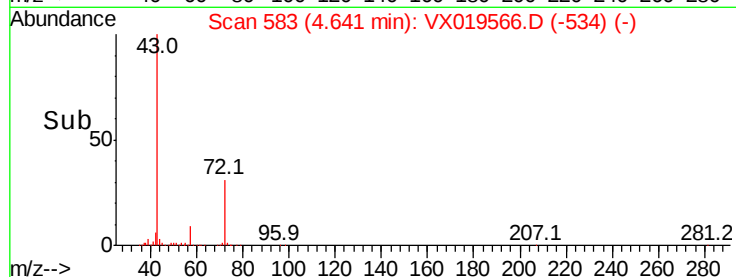
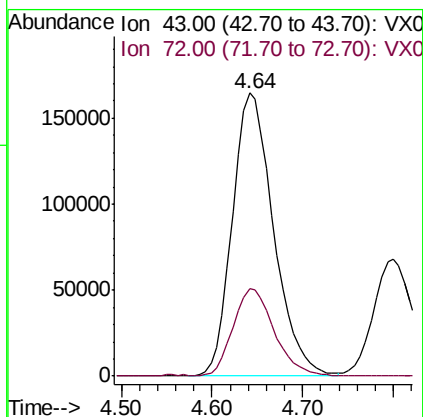
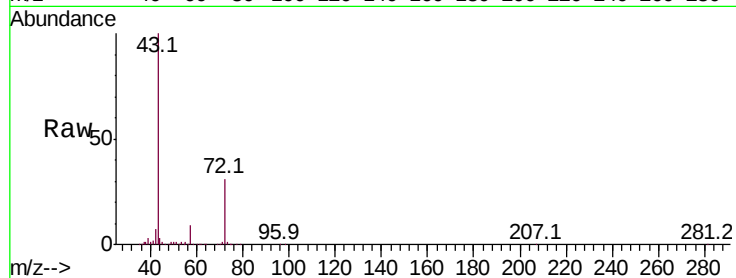
VSTDCCC050

Tot Ion: 43 Resp: 515905

Ion Ratio Lower Upper

43 100

72 30.9 24.0 36.0



#26

2,2-Dichloropropane

Concen: 44.162 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019566.D

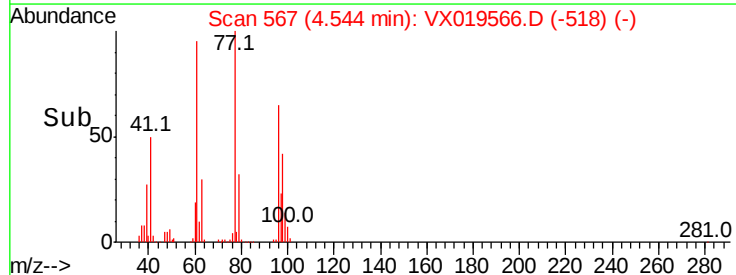
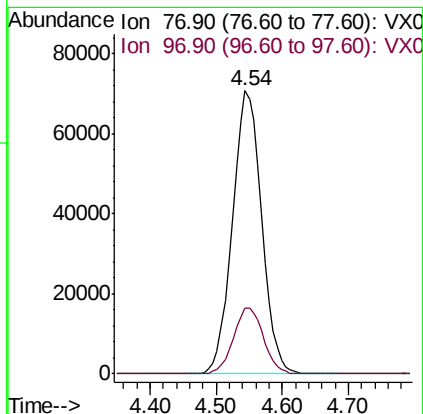
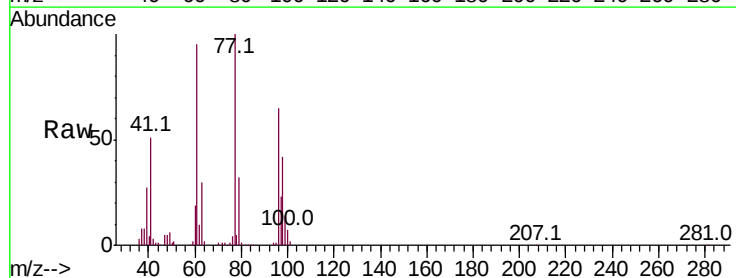
Acq: 23 Nov 2020 21:42

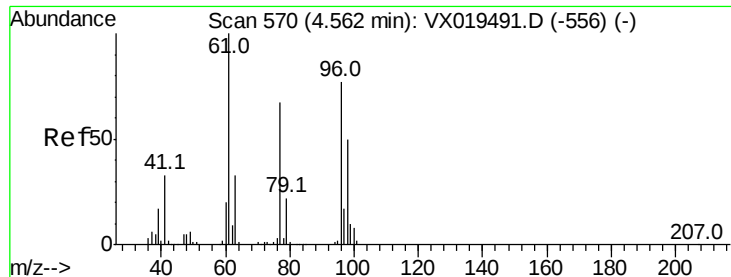
Tgt Ion: 77 Resp: 216640

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 51.585 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

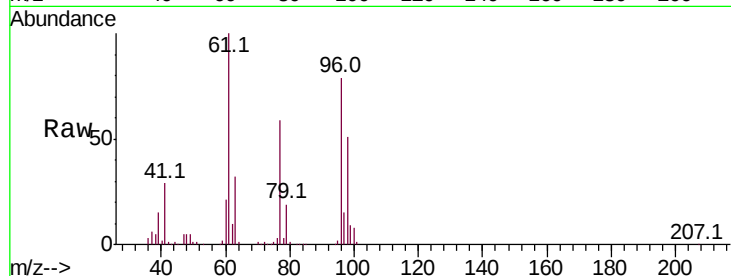
Tot Ion: 96 Resp: 190347

Ion Ratio Lower Upper

96 100

61 137.5 0.0 279.2

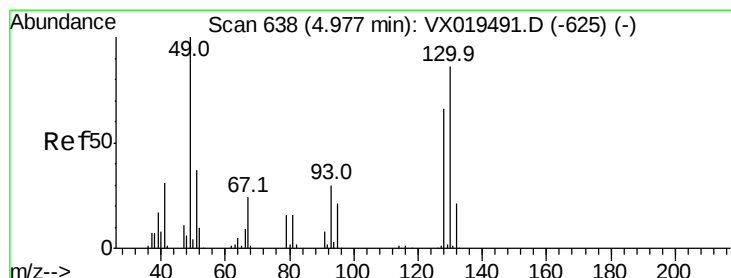
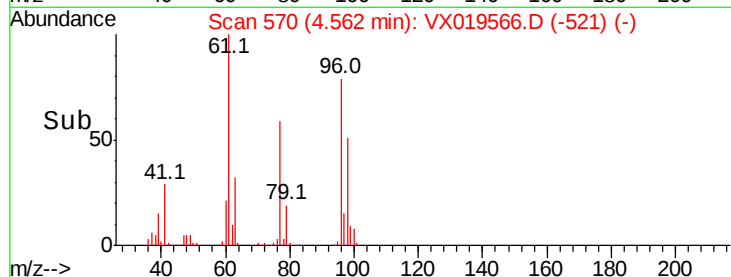
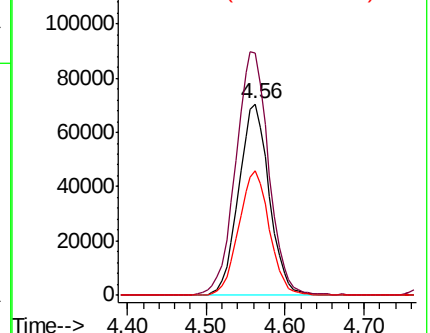
98 65.3 0.0 129.8



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: 44.150 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

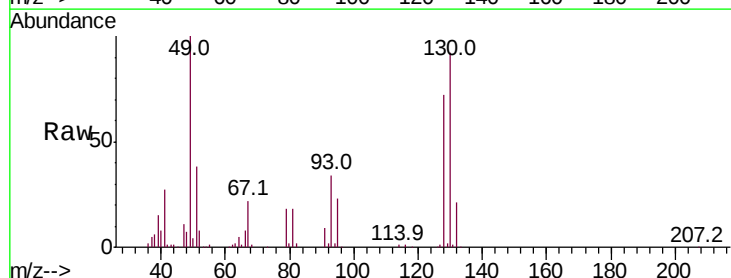
Tgt Ion: 49 Resp: 118632

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

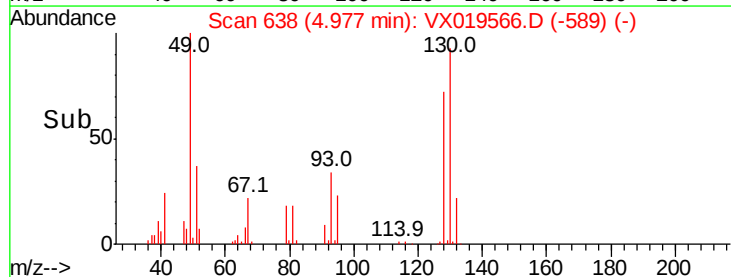
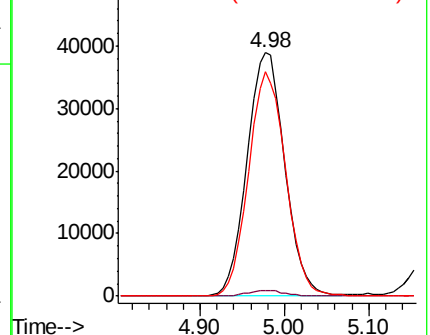
130 90.4 69.0 103.6

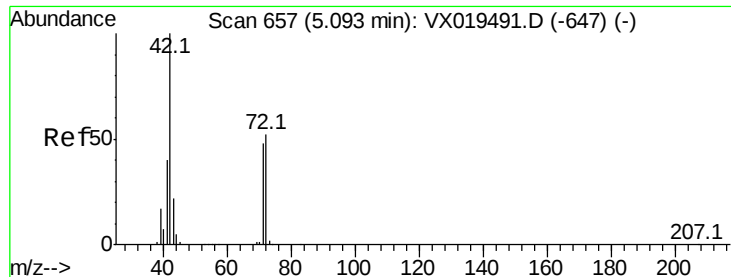


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

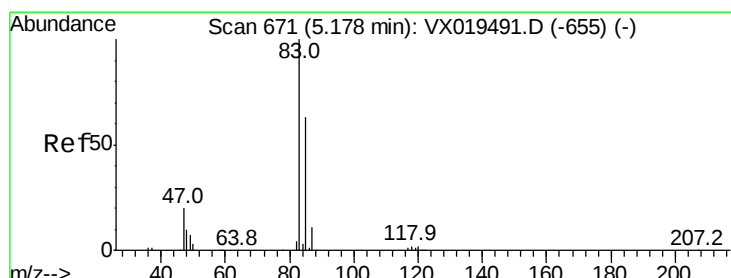
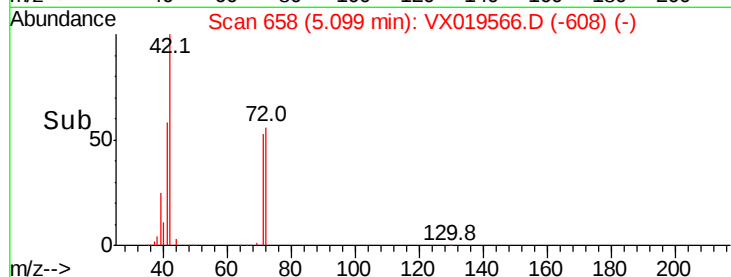
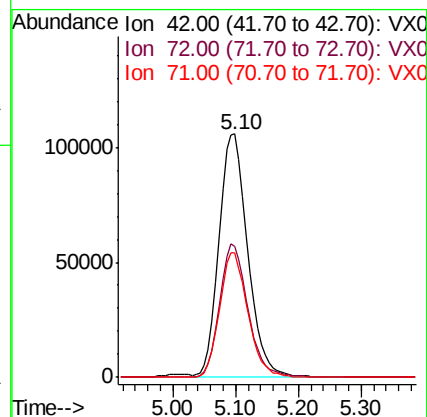
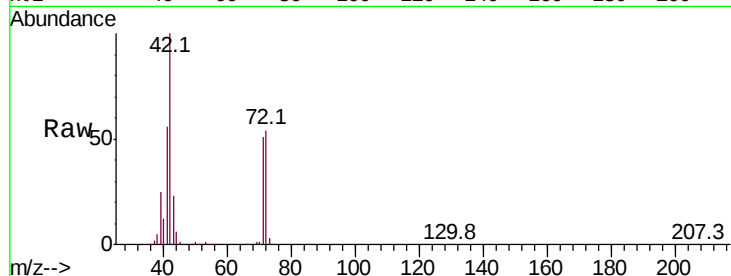




#29
Tetrahydrofuran
Concen: 243.724 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

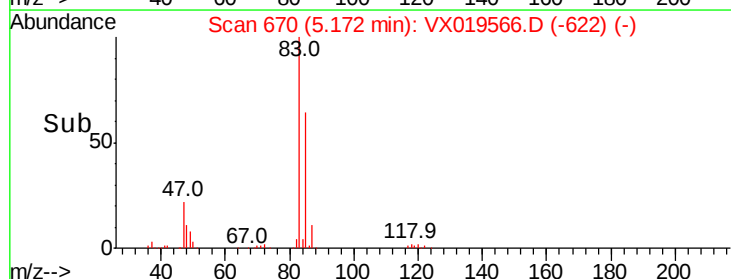
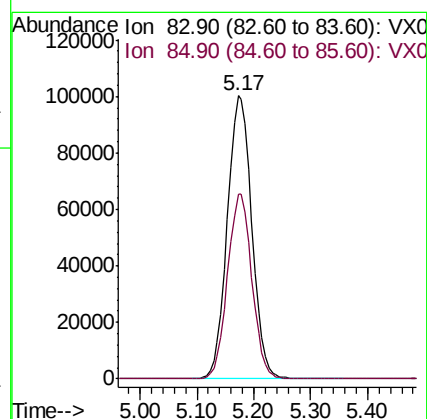
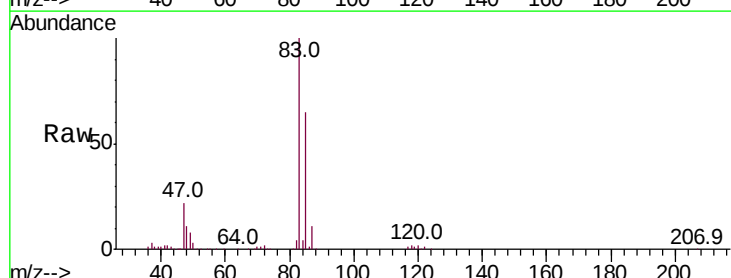
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

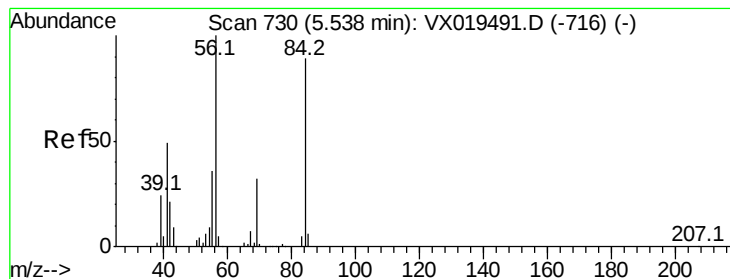
Tot Ion: 42 Resp: 334509
Ion Ratio Lower Upper
42 100
72 54.5 42.6 63.8
71 50.6 39.0 58.6



#30
Chloroform
Concen: 51.078 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion: 83 Resp: 300171
Ion Ratio Lower Upper
83 100
85 65.3 50.5 75.7





#31

Cvclohexane

Concen: 47.851 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

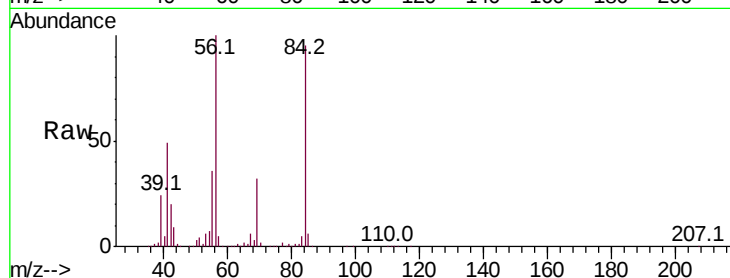
Tot Ion: 56 Resp: 230453

Ion Ratio Lower Upper

56 100

69 31.6 25.5 38.3

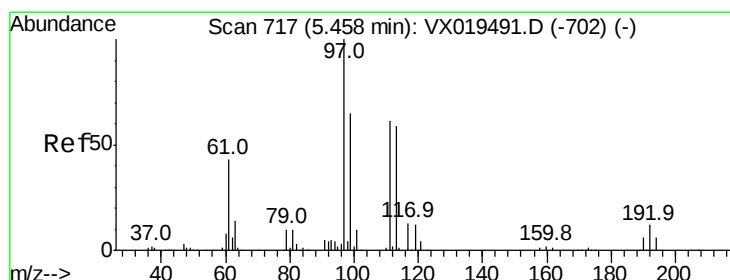
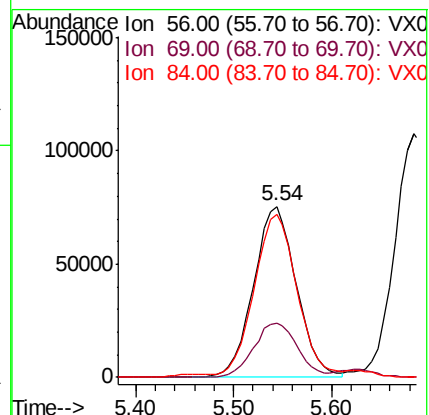
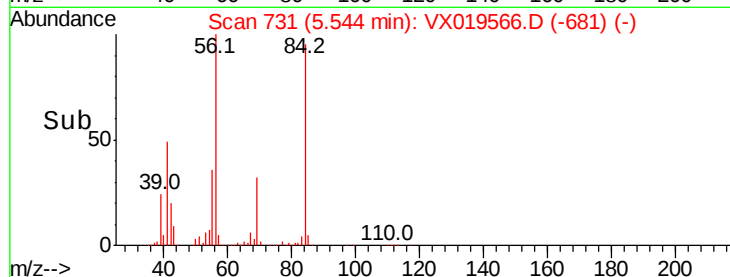
84 93.0 71.1 106.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.856 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

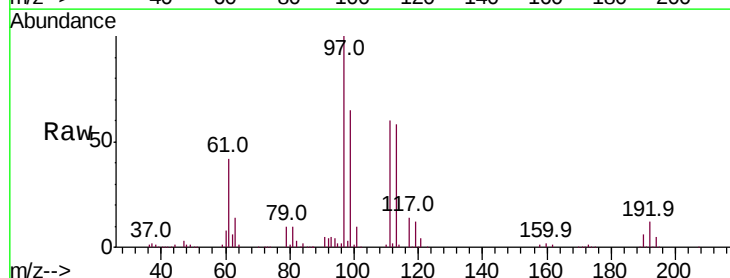
Tgt Ion: 97 Resp: 261773

Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

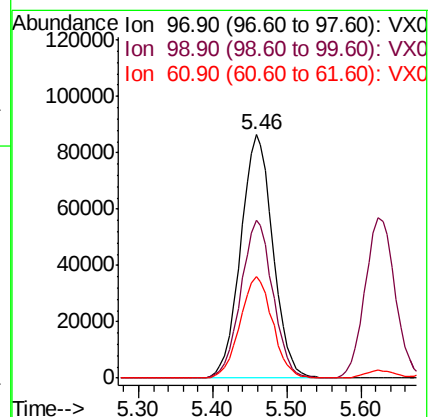
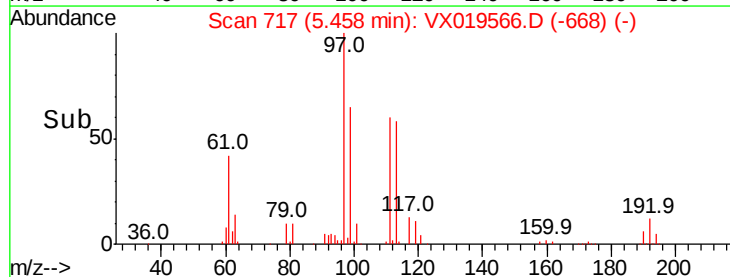
61 42.2 34.2 51.2

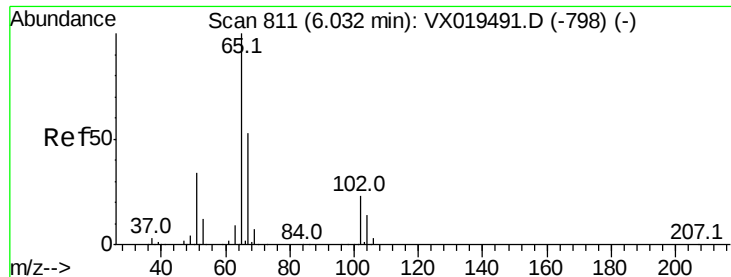


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

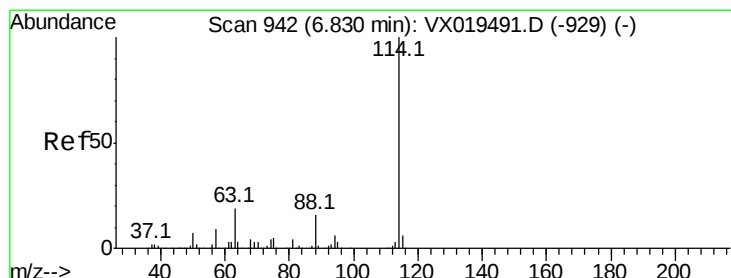
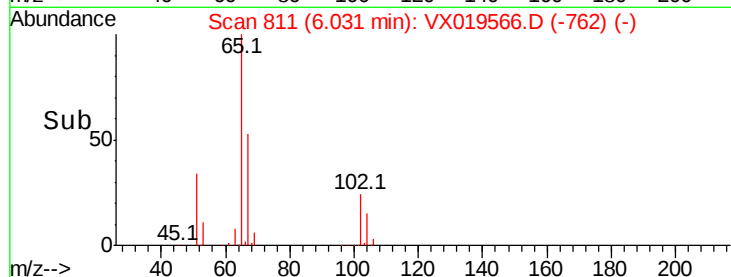
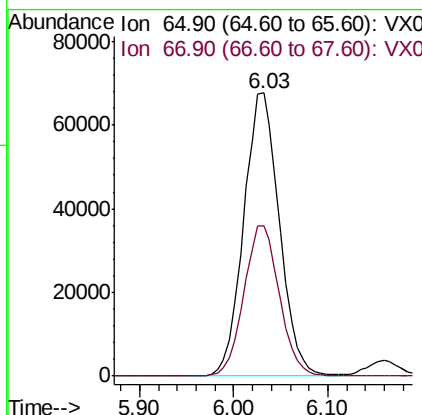
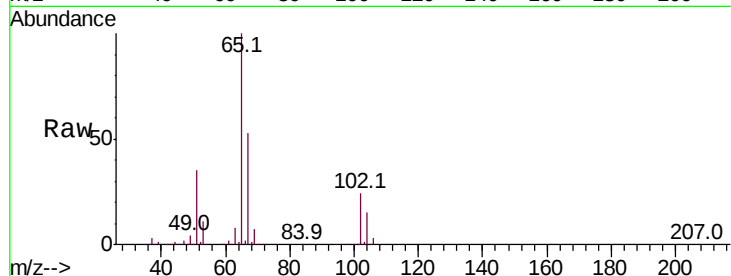




#33
 1,2-Dichloroethane-d4
 Concen: 48.547 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

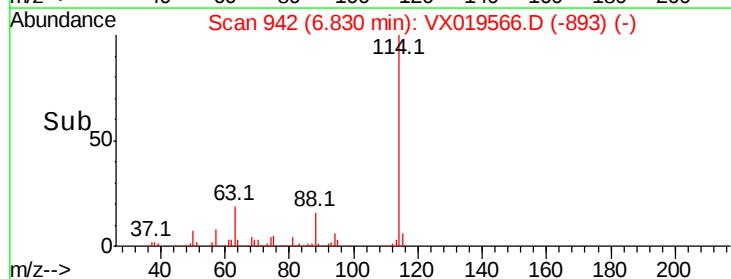
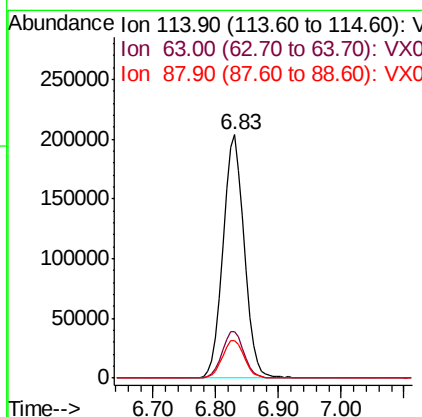
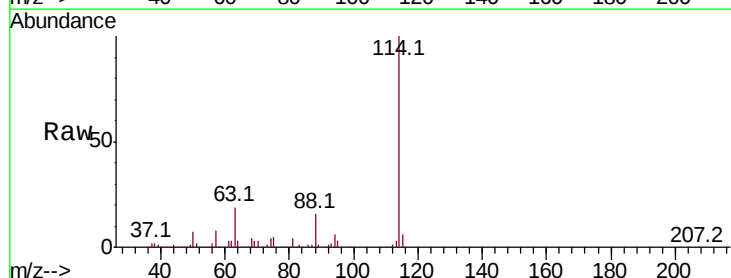
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

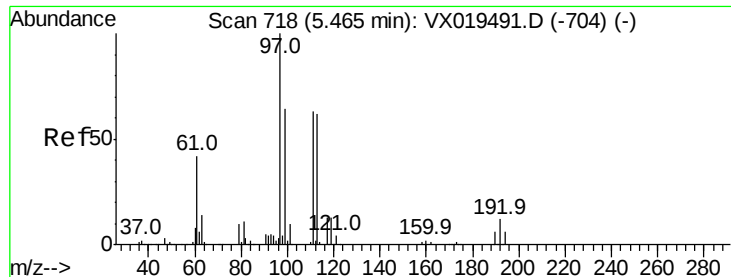
Tot Ion: 65 Resp: 179764
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion: 114 Resp: 476270
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.444 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

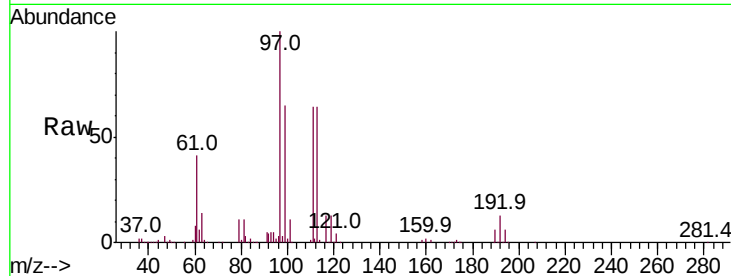
Tot Ion:113 Resp: 147814

Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

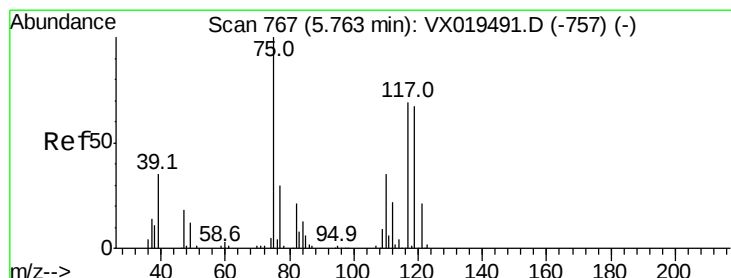
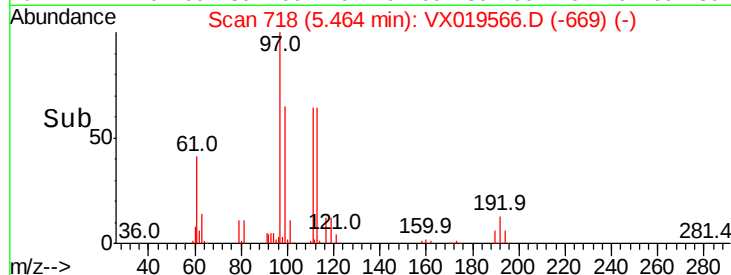
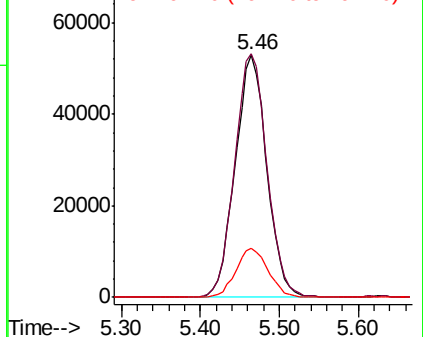
192 20.6 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.598 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

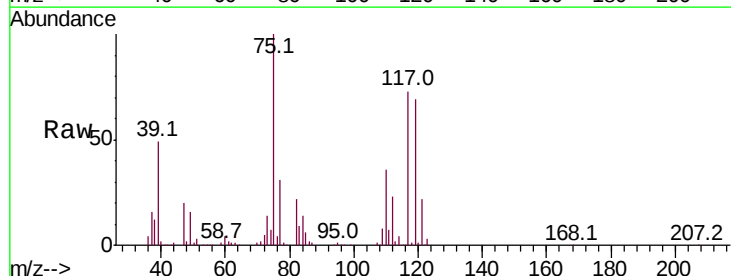
Tgt Ion: 75 Resp: 216994

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.3

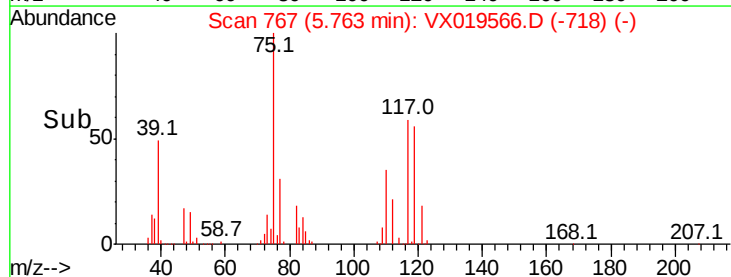
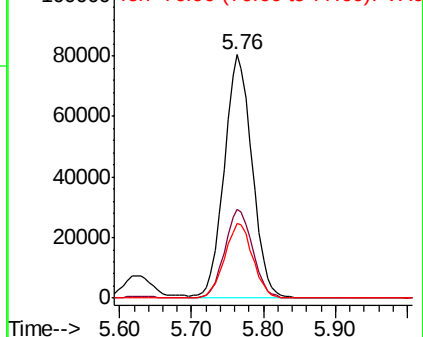
77 30.7 24.2 36.4

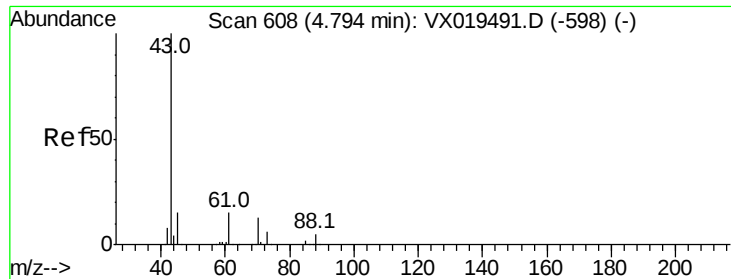


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

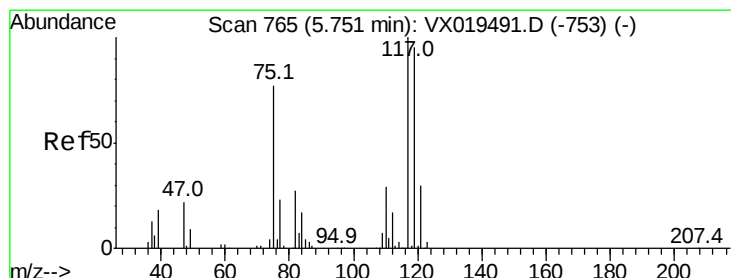
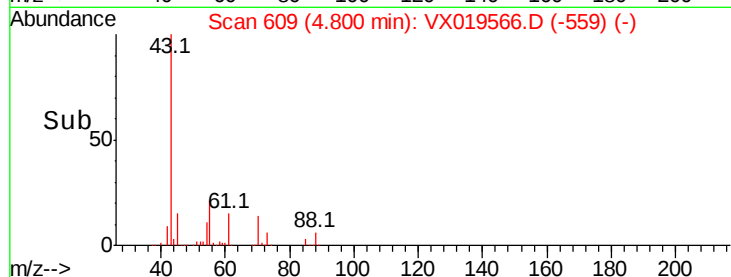
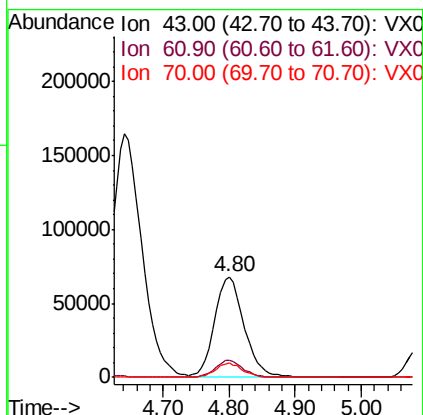
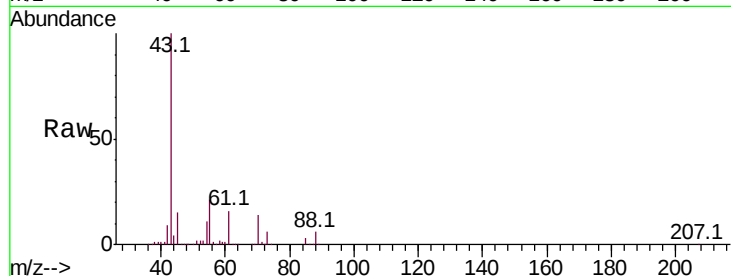




#37
Ethyl Acetate
Concen: 49.934 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

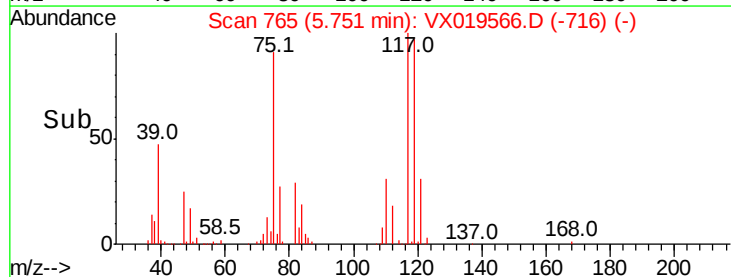
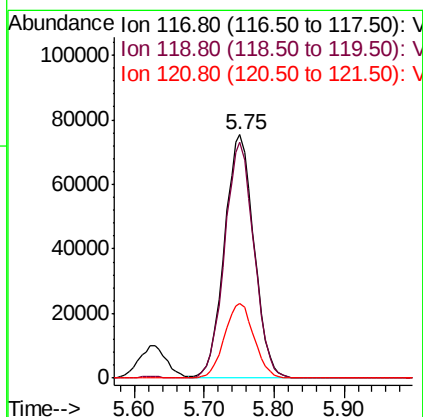
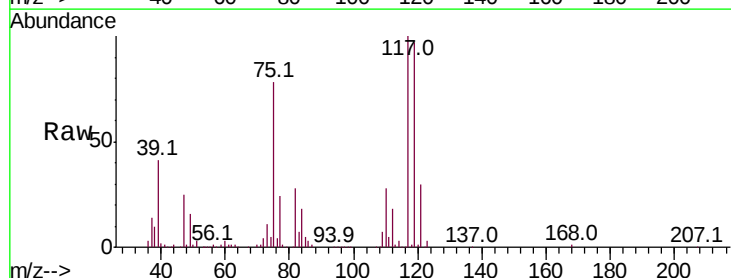
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

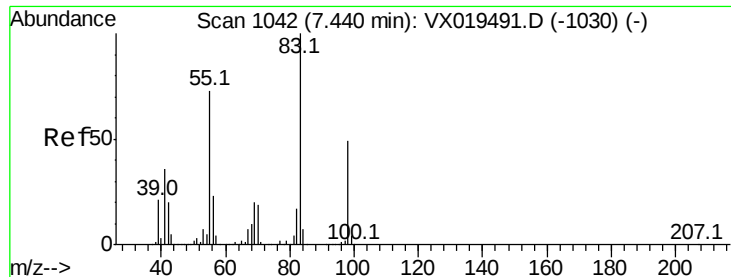
Tot Ion: 43 Resp: 209313
Ion Ratio Lower Upper
43 100
61 15.7 12.7 19.1
70 13.2 10.2 15.2



#38
Carbon Tetrachloride
Concen: 51.069 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion: 117 Resp: 220713
Ion Ratio Lower Upper
117 100
119 96.9 75.9 113.9
121 30.4 24.0 36.0

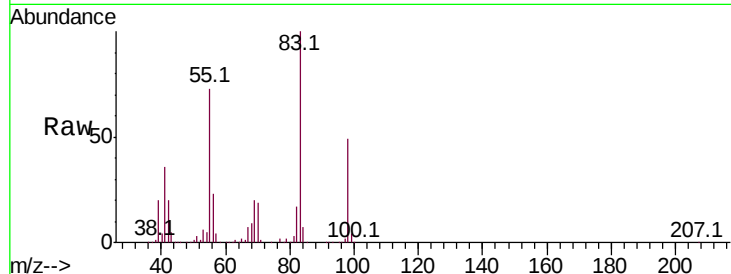




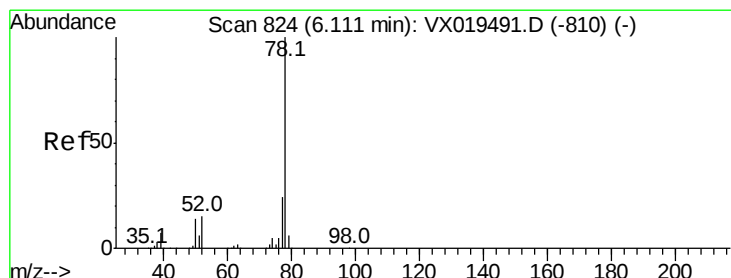
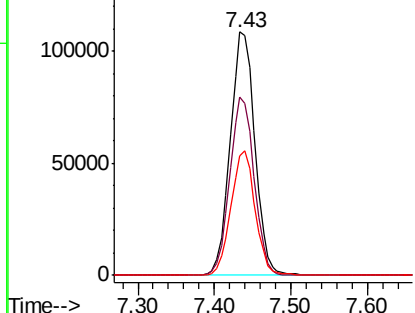
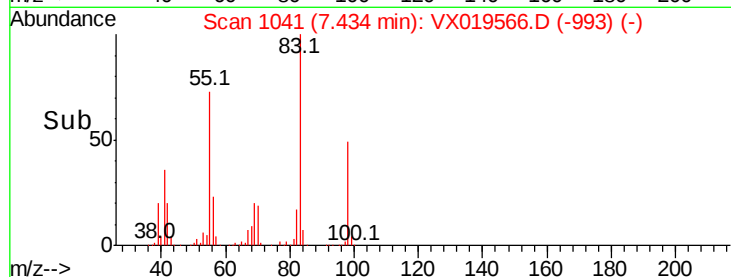
#39
Methvlcvclohexane
Concen: 46.547 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 241992
Ion Ratio Lower Upper
83 100
55 73.1 58.3 87.5
98 48.8 38.9 58.3

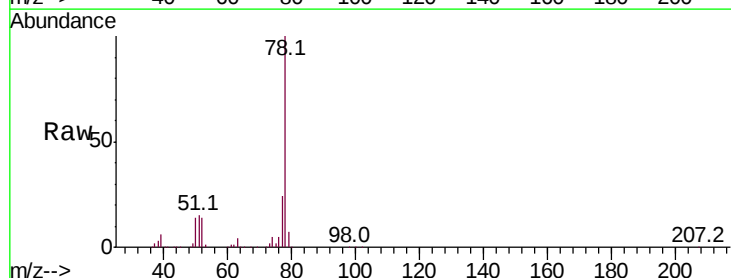


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

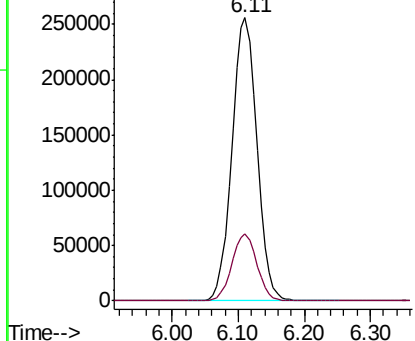
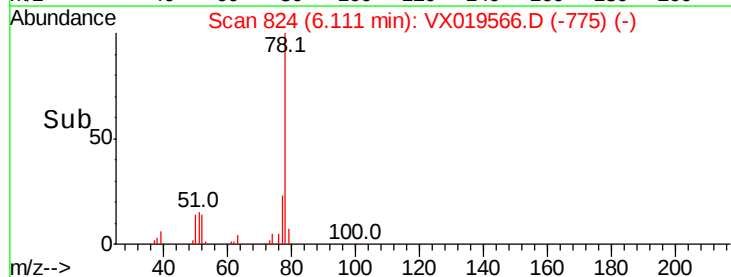


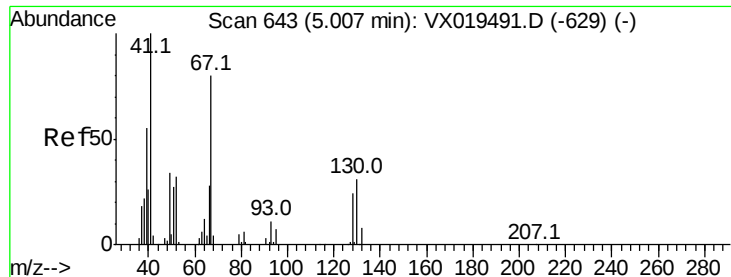
#40
Benzene
Concen: 48.744 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion: 78 Resp: 668705
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 48.057 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 111085

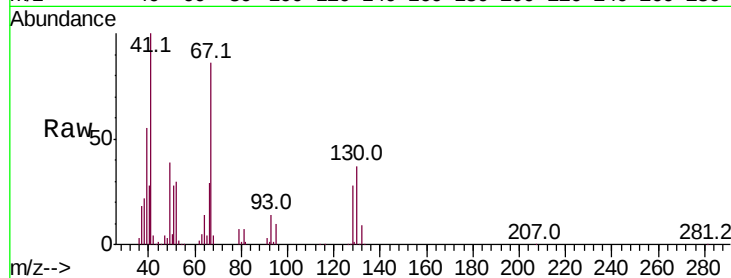
Ion Ratio Lower Upper

41 100

39 54.1 43.3 64.9

67 85.3 66.0 99.0

52 32.9 25.4 38.2

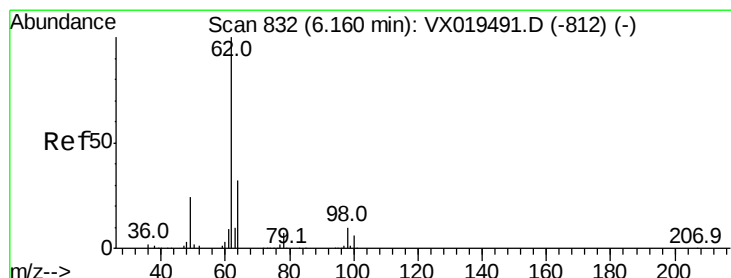
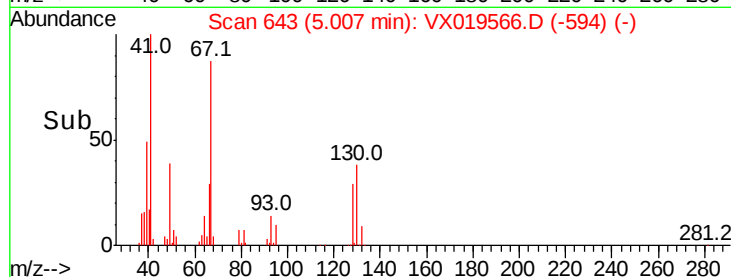
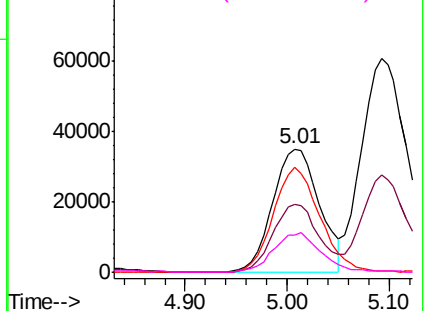


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.448 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019566.D

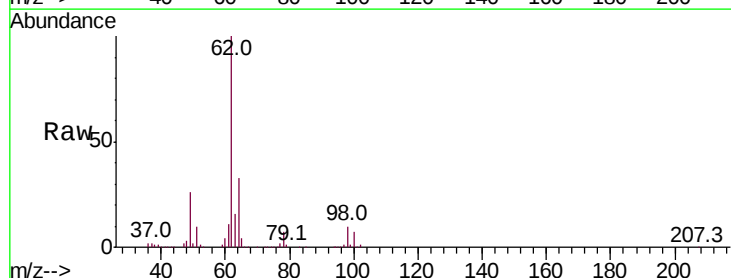
Acq: 23 Nov 2020 21:42

Tgt Ion: 62 Resp: 232516

Ion Ratio Lower Upper

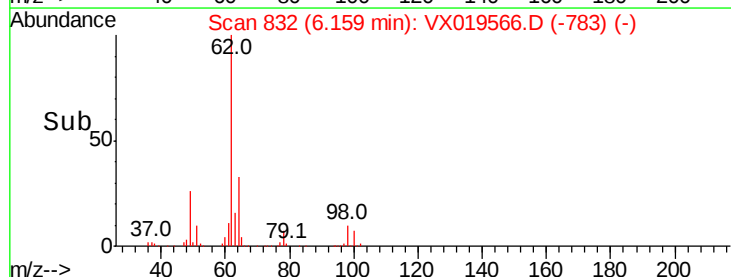
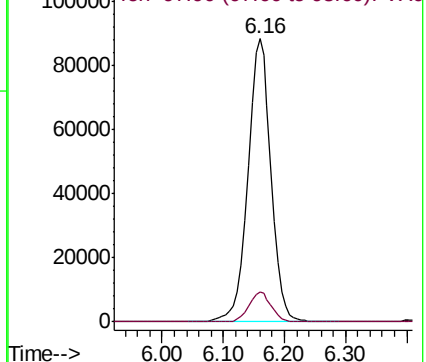
62 100

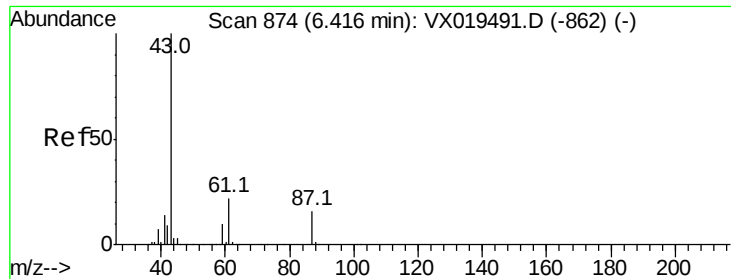
98 10.2 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



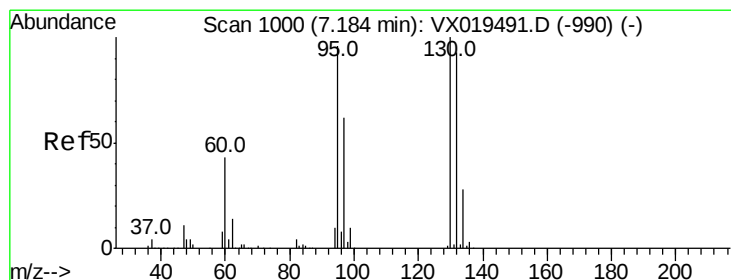
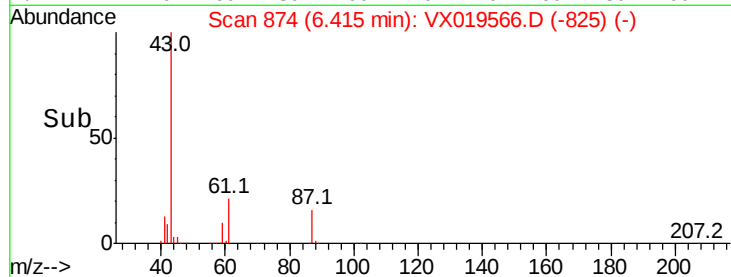
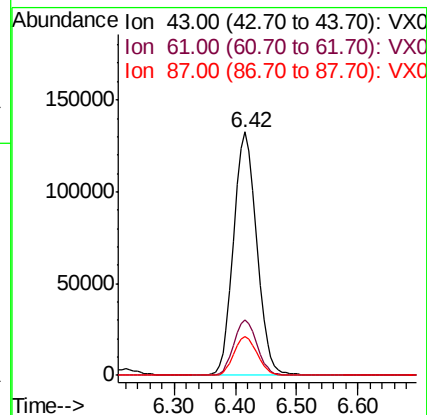
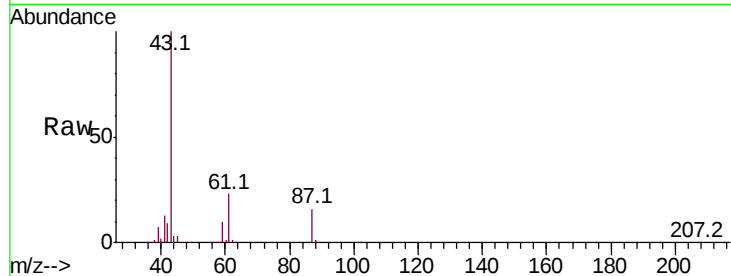


#43

Isopropyl Acetate
 Concen: 48.807 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

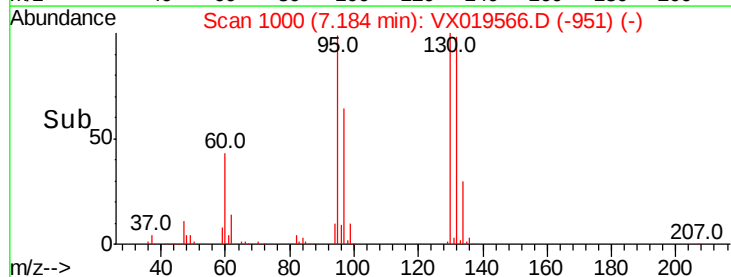
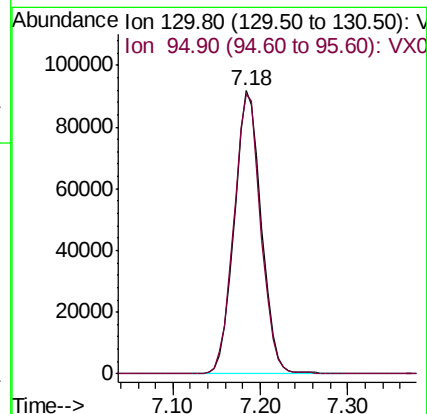
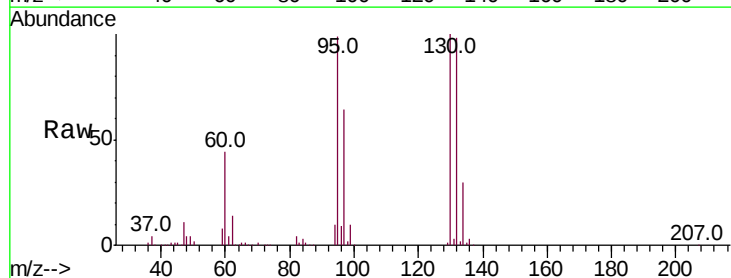
Tot Ion	43	Resp	343910
Ion Ratio	Lower	Upper	
43	100		
61	22.9	18.2	27.2
87	16.2	12.6	18.8

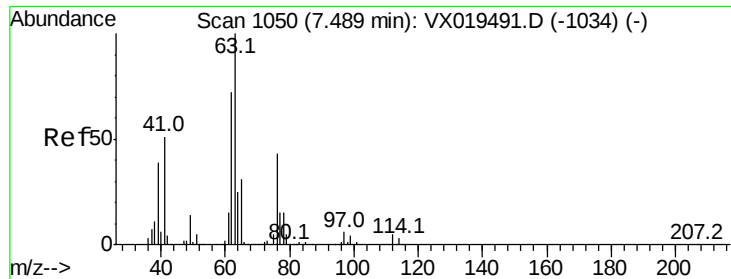


#44

Trichloroethene
 Concen: 54.808 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion	130	Resp	196953
Ion Ratio	Lower	Upper	
130	100		
95	98.9	0.0	191.2





#45

1,2-Dichloropropane

Concen: 49.056 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

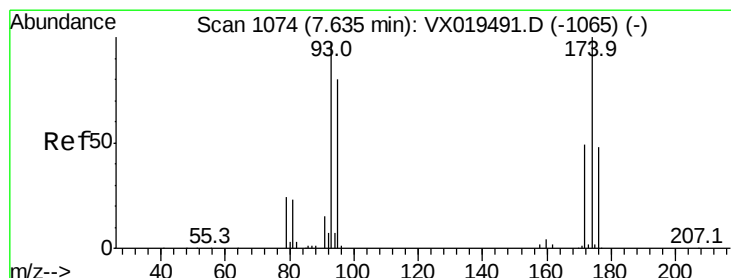
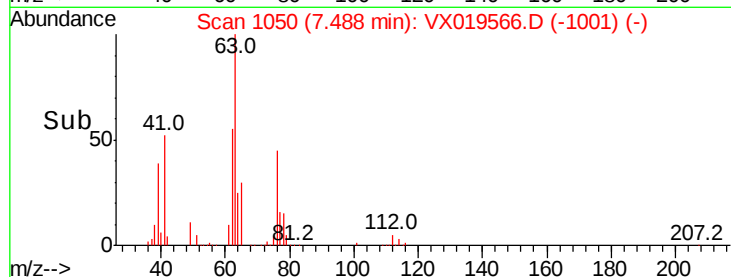
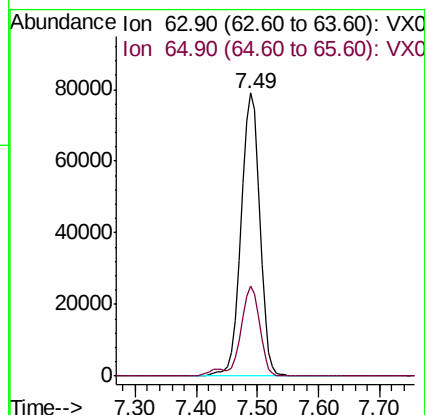
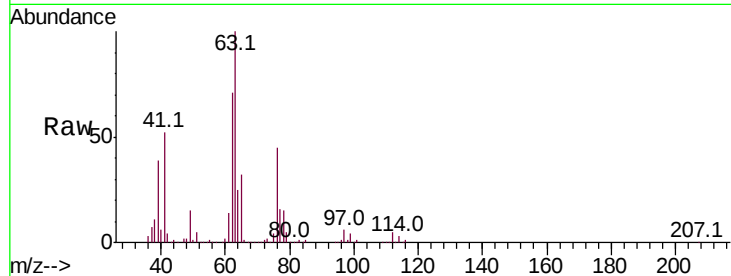
VSTDCCC050

Tot Ion: 63 Resp: 165679

Ion Ratio Lower Upper

63 100

65 32.0 25.0 37.4



#46

Dibromomethane

Concen: 49.984 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

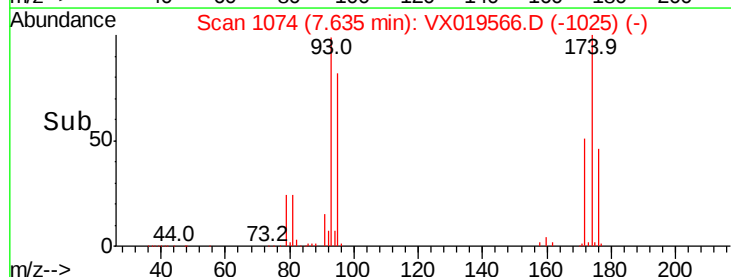
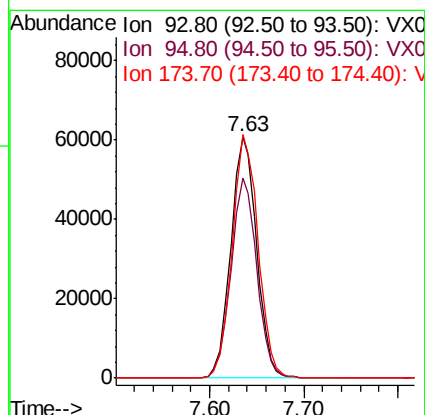
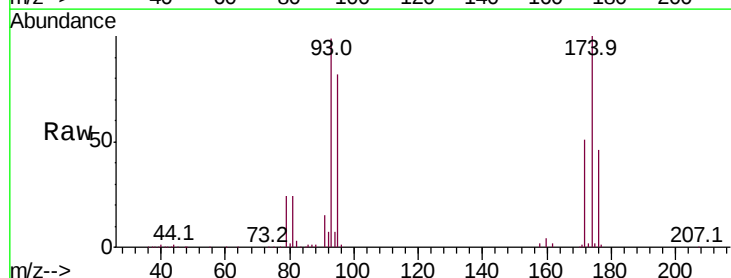
Tgt Ion: 93 Resp: 115539

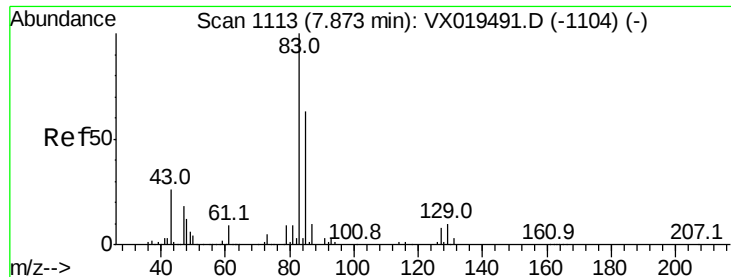
Ion Ratio Lower Upper

93 100

95 82.9 66.8 100.2

174 101.8 83.0 124.4





#47

Bromodichloromethane

Concen: 50.446 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

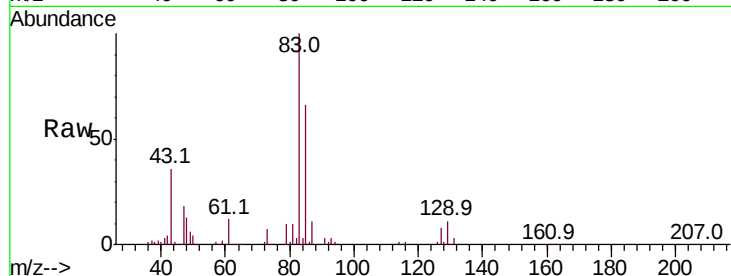
Tot Ion: 83 Resp: 226273

Ion Ratio Lower Upper

83 100

85 65.8 50.2 75.2

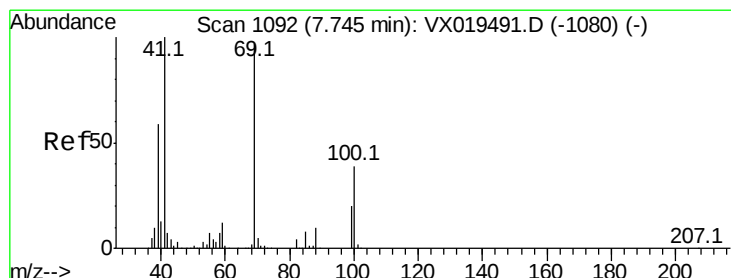
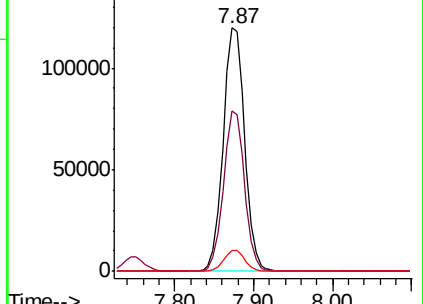
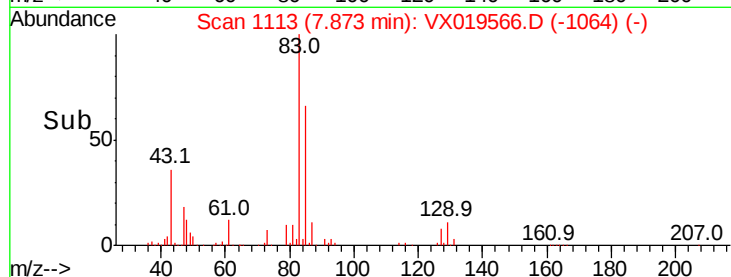
127 8.4 6.4 9.6



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: 50.480 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

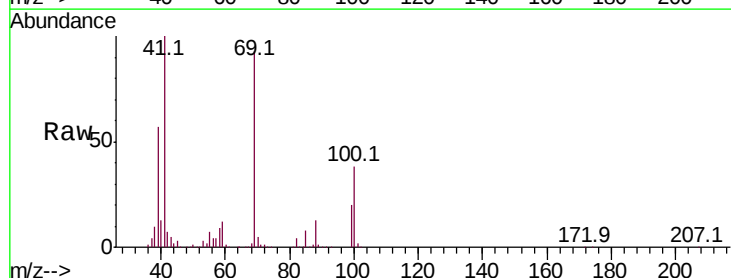
Tgt Ion: 41 Resp: 166583

Ion Ratio Lower Upper

41 100

69 96.8 77.0 115.6

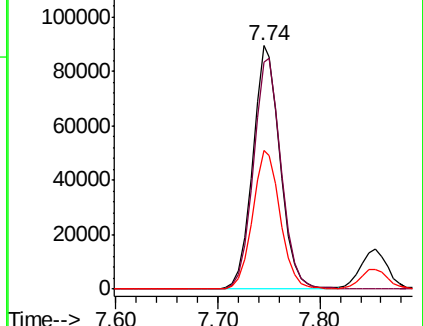
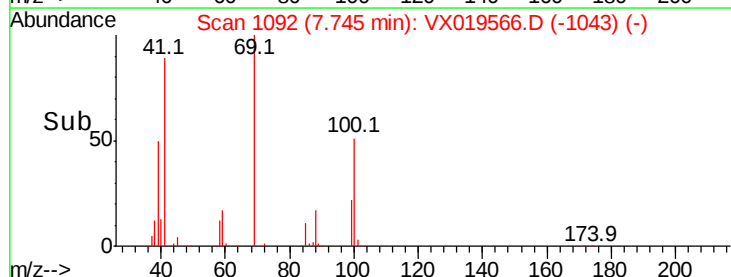
39 58.2 45.6 68.4

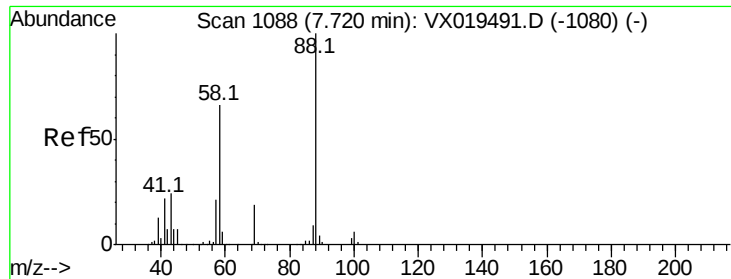


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

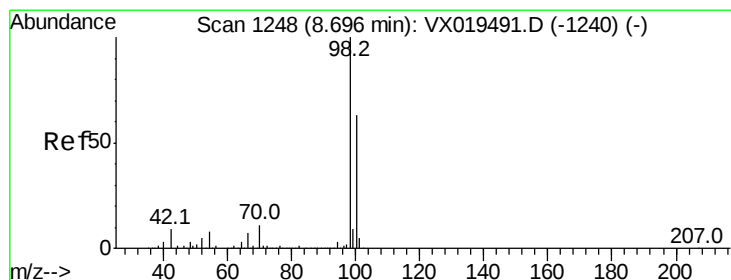
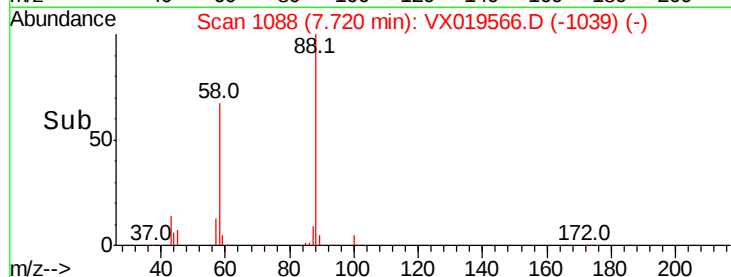
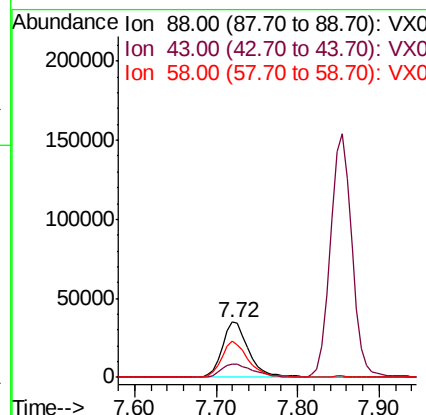
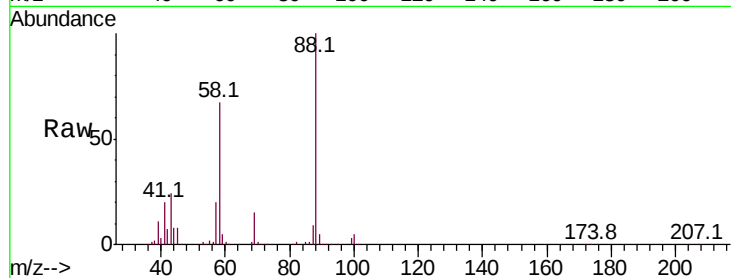




#49
1,4-Dioxane
Concen: 1057.826 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

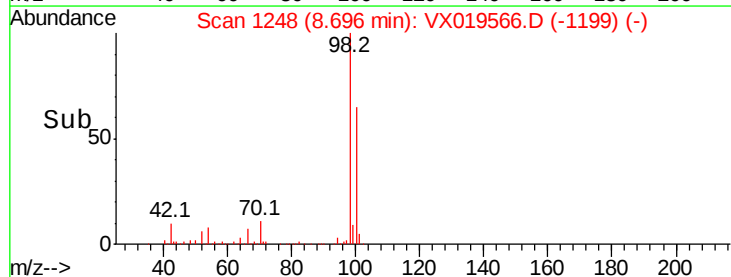
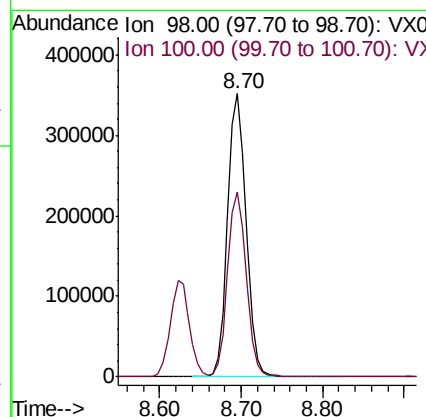
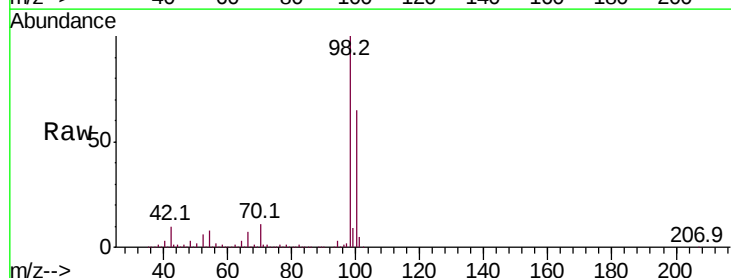
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

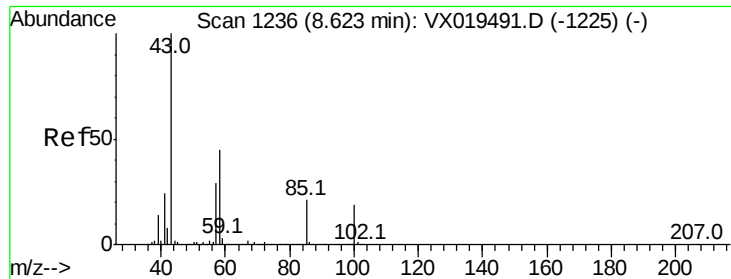
Tot Ion: 88 Resp: 79260
Ion Ratio Lower Upper
88 100
43 27.1 23.8 35.6
58 66.3 54.2 81.2



#50
Toluene-d8
Concen: 47.742 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion: 98 Resp: 554626
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6

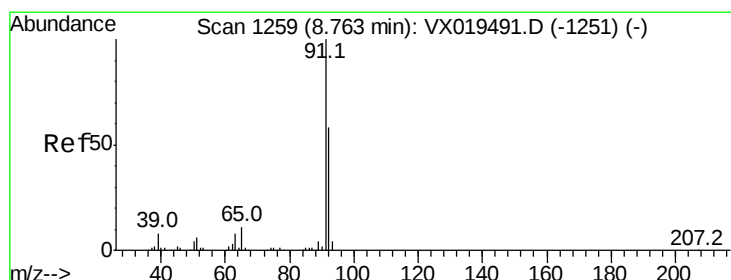
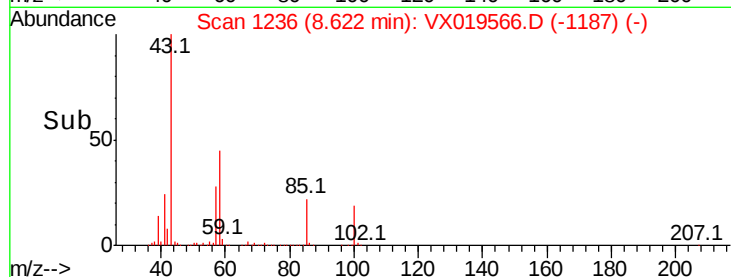
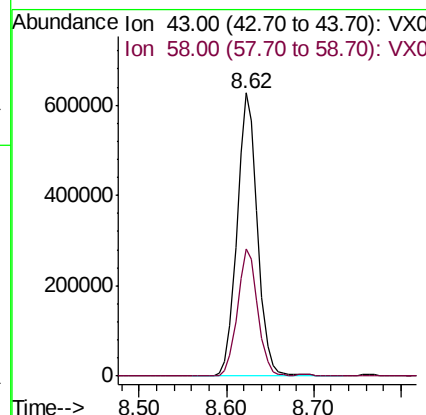
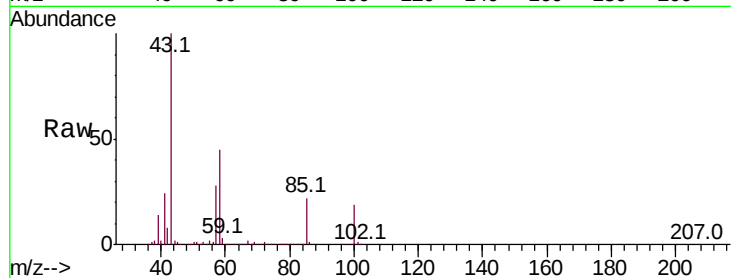




#51
4-Methyl-2-Pentanone
Concen: 247.849 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

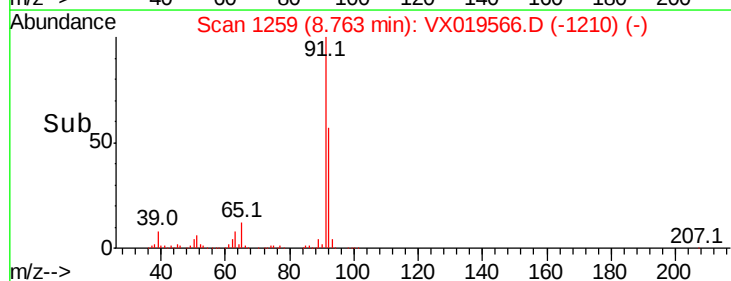
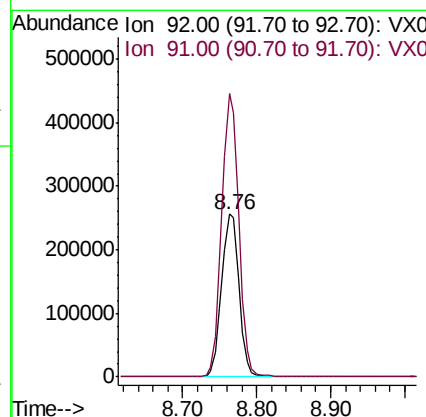
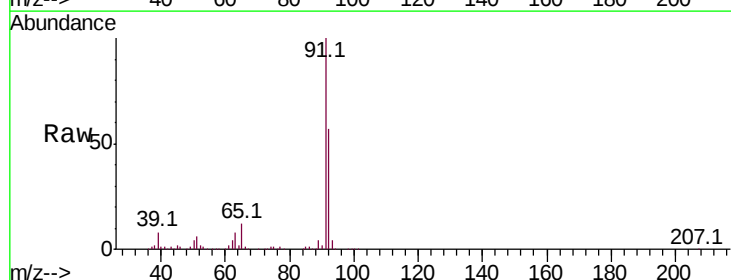
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

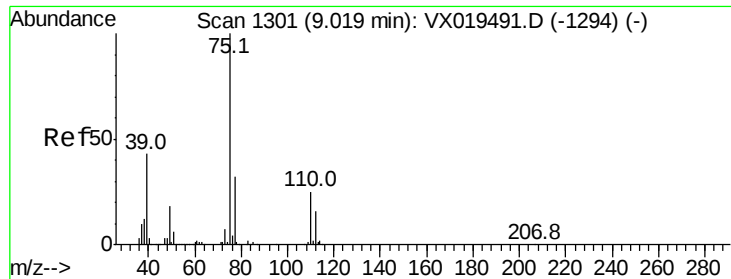
Tot Ion: 43 Resp: 1018396
Ion Ratio Lower Upper
43 100
58 44.6 35.1 52.7



#52
Toluene
Concen: 49.293 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion: 92 Resp: 413694
Ion Ratio Lower Upper
92 100
91 170.9 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 50.473 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

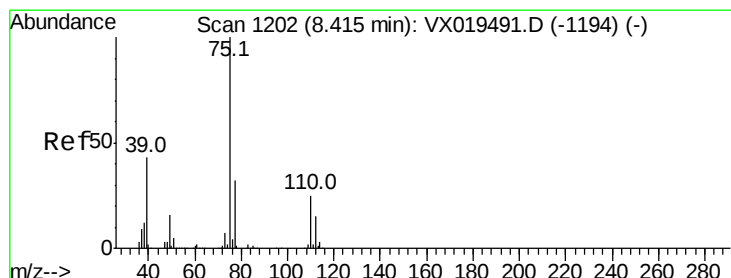
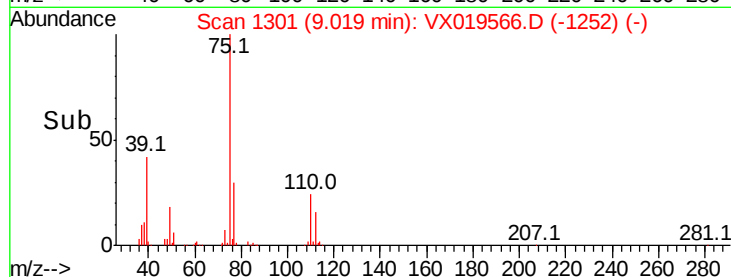
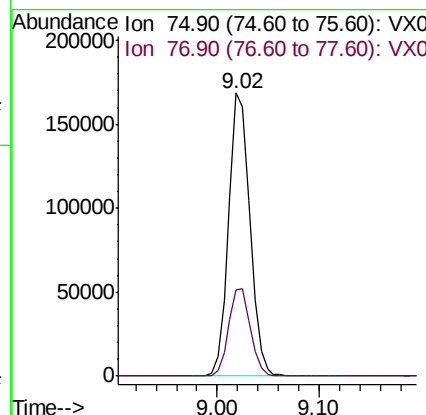
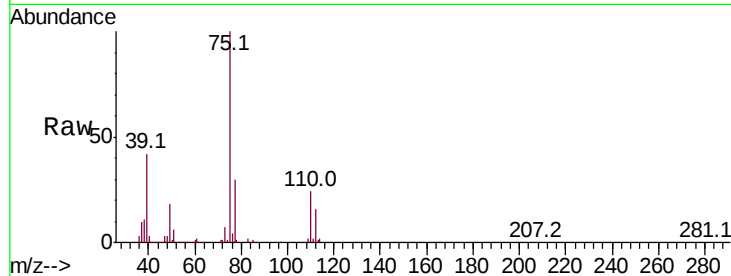
VSTDCCC050

Tot Ion: 75 Resp: 244503

Ion Ratio Lower Upper

75 100

77 30.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 49.989 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

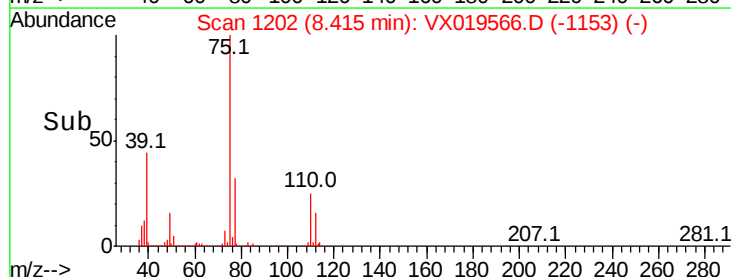
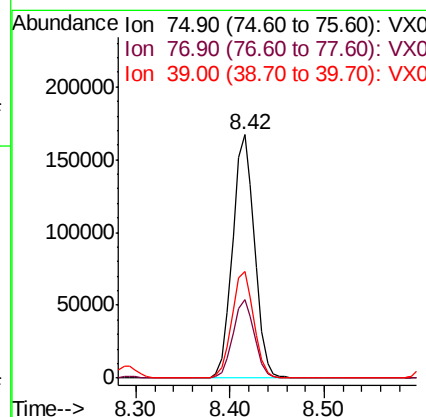
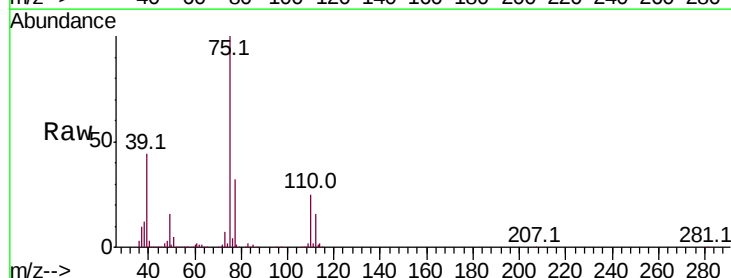
Tgt Ion: 75 Resp: 268735

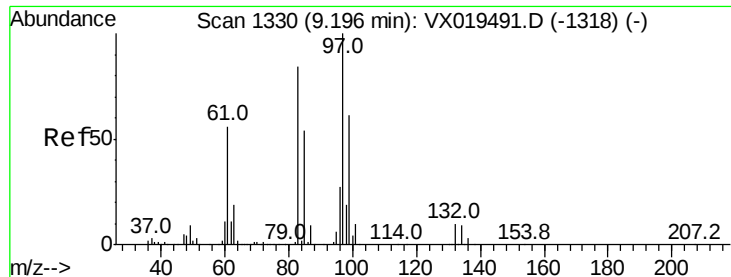
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6

39 43.6 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 49.455 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 169035

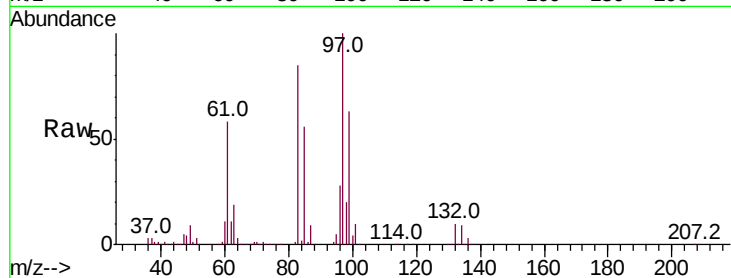
Ion Ratio Lower Upper

97 100

83 84.9 67.0 100.6

85 56.1 43.4 65.0

99 62.7 49.0 73.4

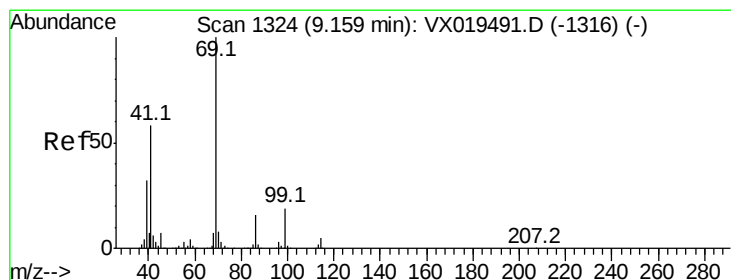
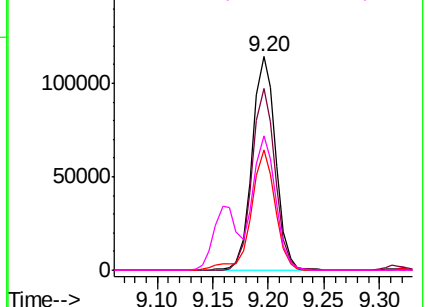
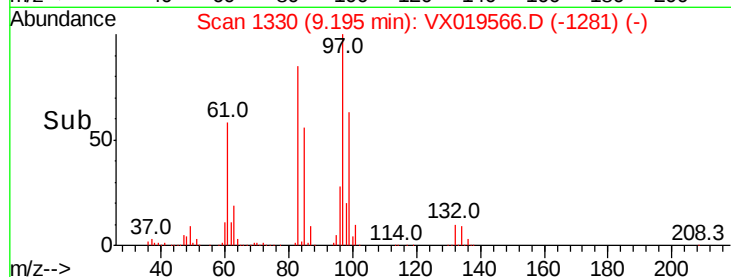


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.745 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

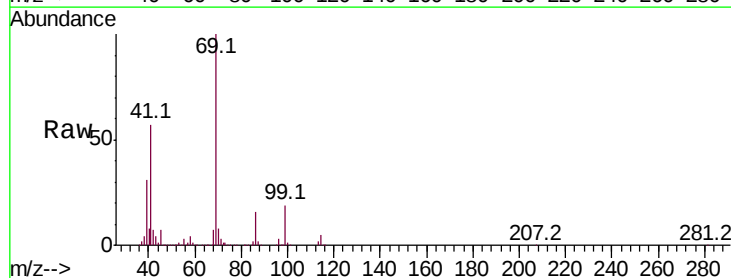
Tgt Ion: 69 Resp: 255096

Ion Ratio Lower Upper

69 100

41 56.9 46.2 69.2

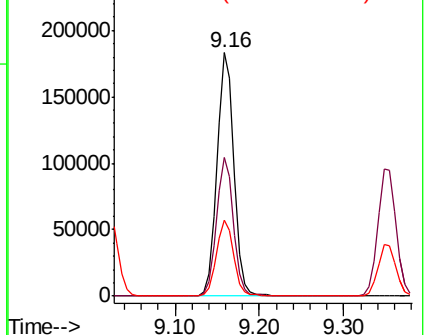
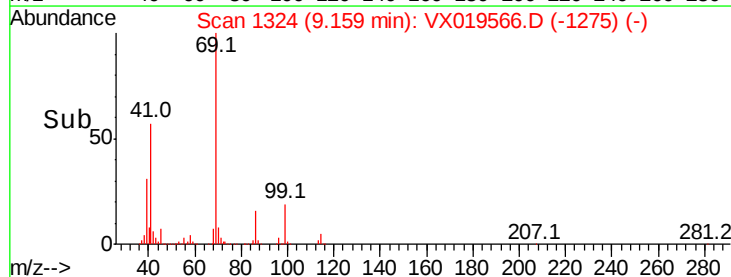
39 32.0 25.5 38.3

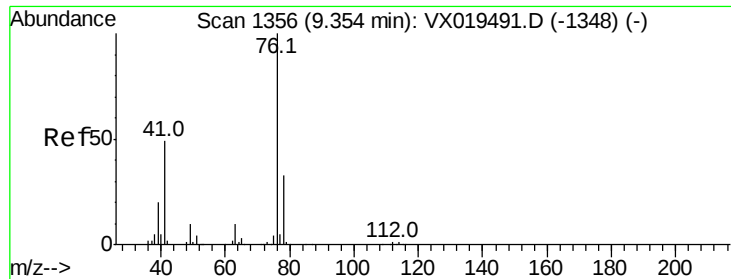


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.545 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

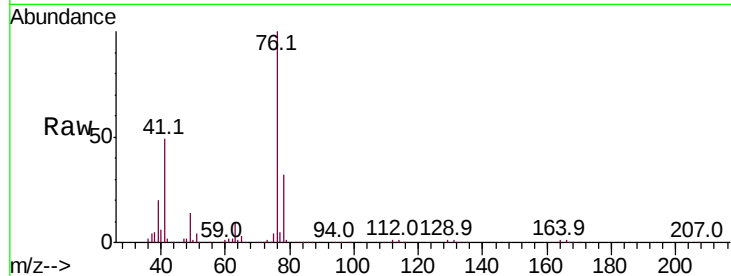
VSTDCCC050

Tot Ion: 76 Resp: 283514

Ion Ratio Lower Upper

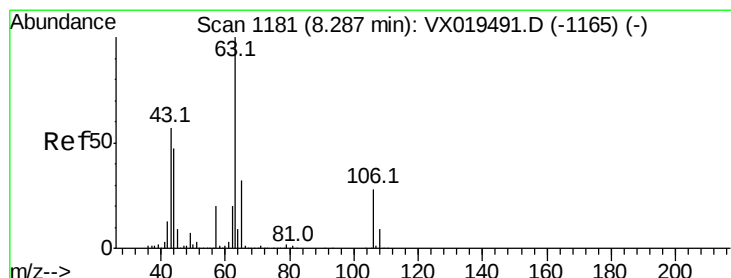
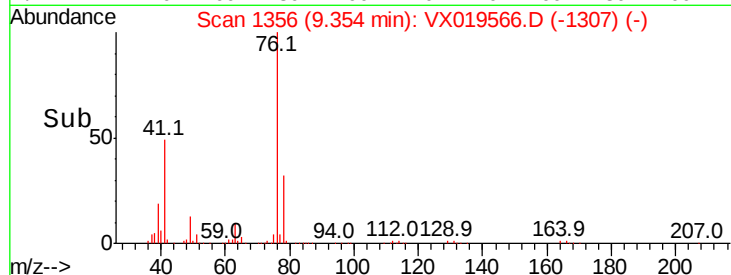
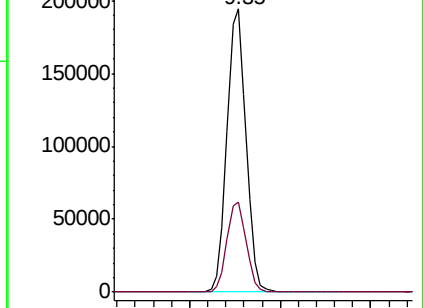
76 100

78 32.2 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 233.456 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX019566.D

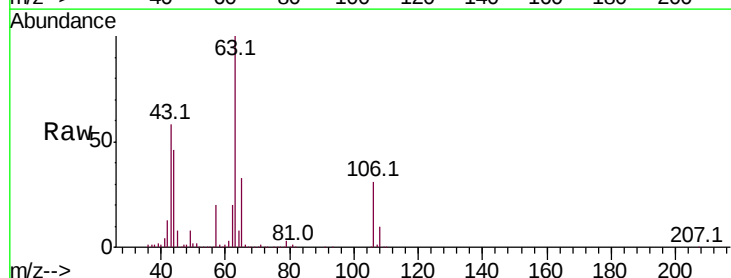
Acq: 23 Nov 2020 21:42

Tgt Ion: 63 Resp: 661599

Ion Ratio Lower Upper

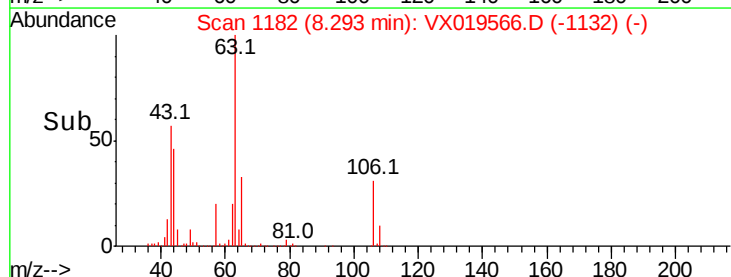
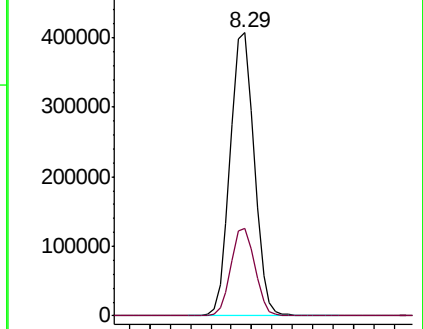
63 100

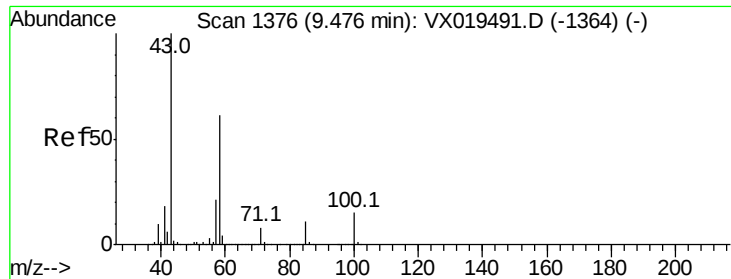
106 30.9 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

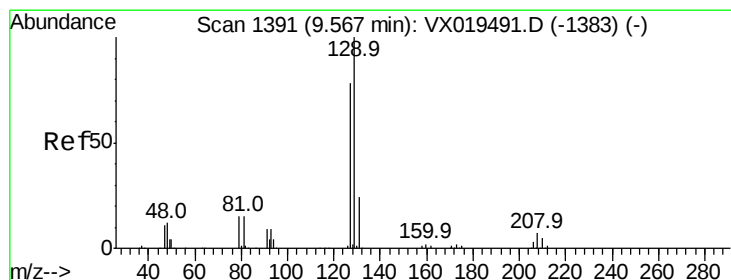
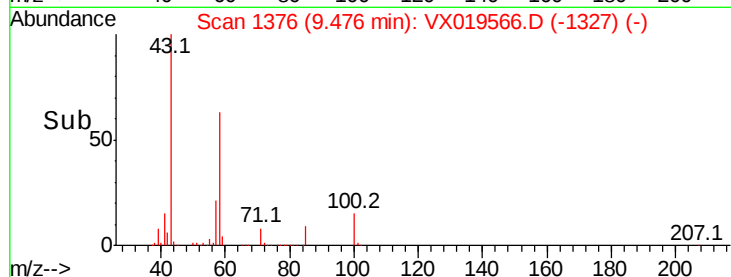
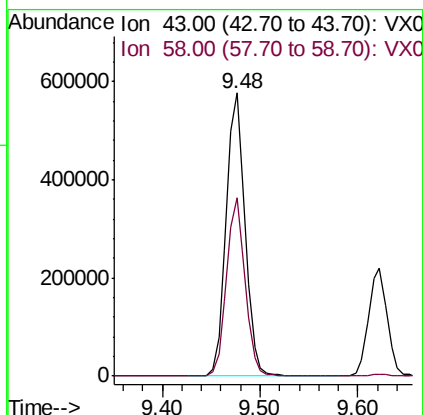
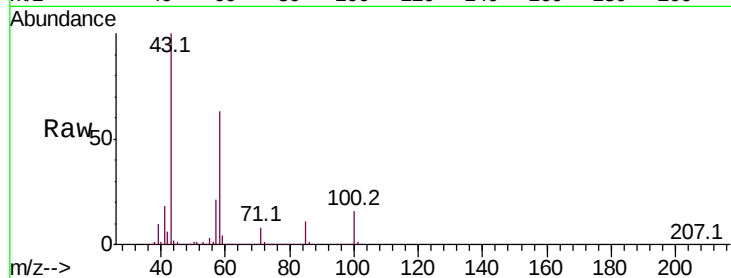




#59
2-Hexanone
Concen: 248.703 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

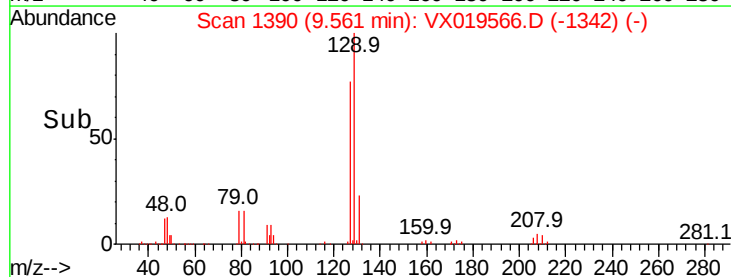
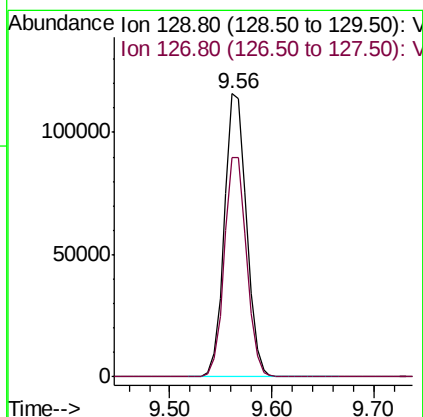
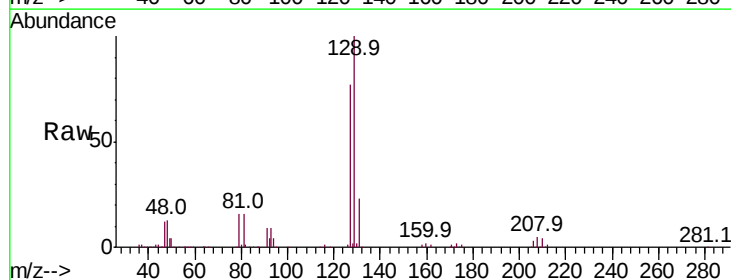
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

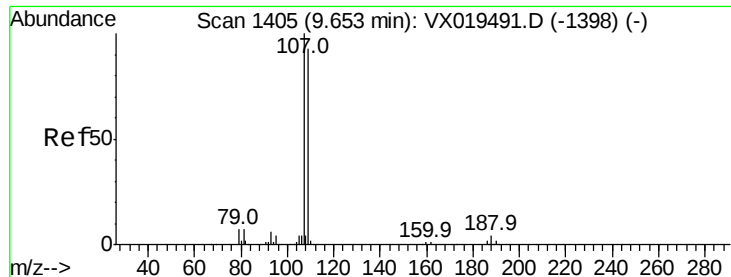
Tot Ion: 43 Resp: 775034
Ion Ratio Lower Upper
43 100
58 61.9 30.6 91.6



#60
Dibromochloromethane
Concen: 51.813 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion: 129 Resp: 173462
Ion Ratio Lower Upper
129 100
127 78.1 39.0 116.9





#61

1,2-Dibromoethane

Concen: 50.442 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

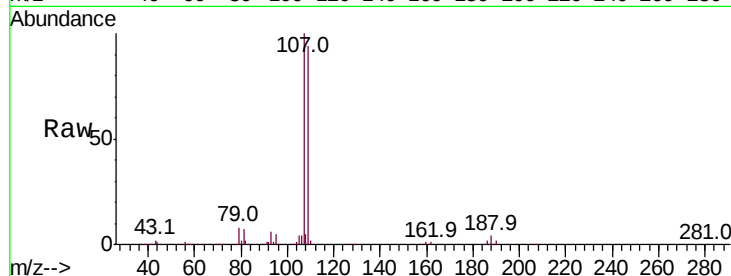
VSTDCCC050

Tot Ion:107 Resp: 177716

Ion Ratio Lower Upper

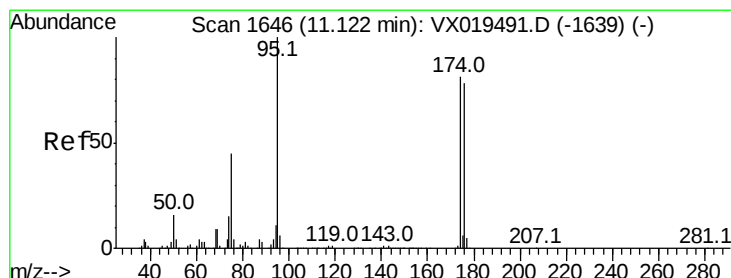
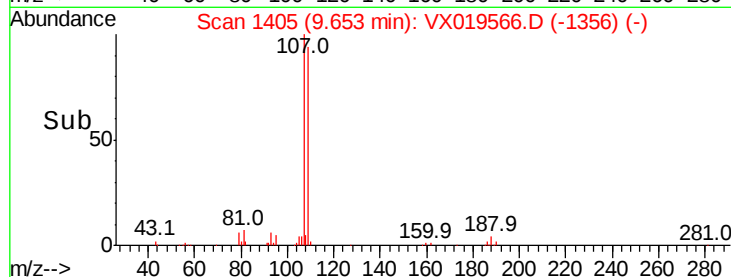
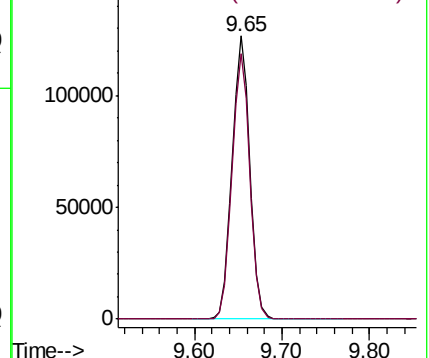
107 100

109 94.2 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.764 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

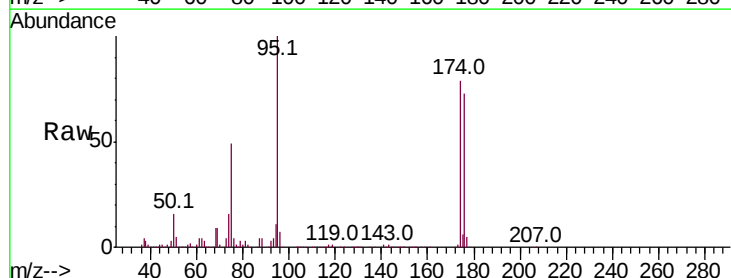
Tgt Ion: 95 Resp: 203817

Ion Ratio Lower Upper

95 100

174 76.8 0.0 156.2

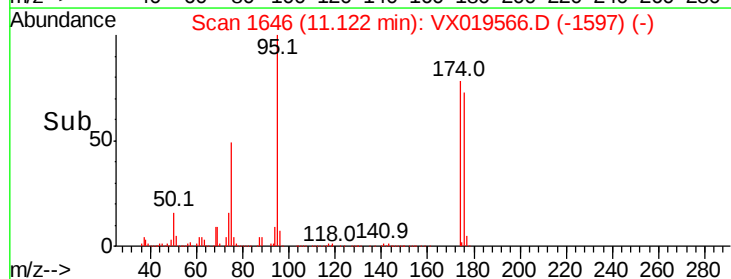
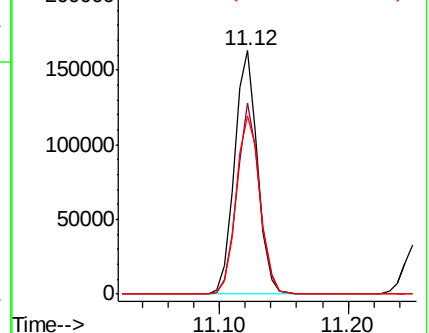
176 75.8 0.0 151.4

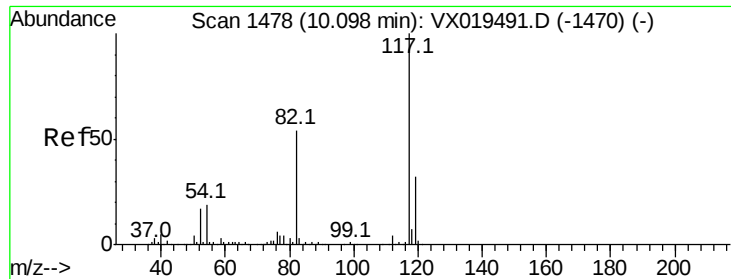


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

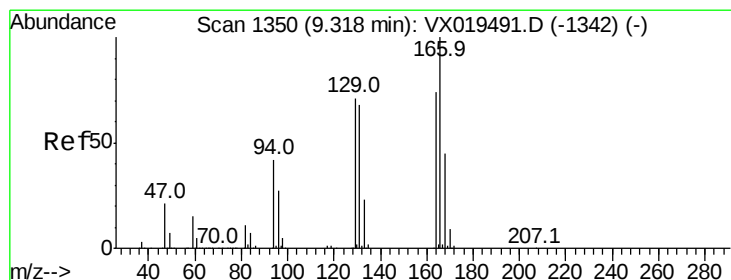
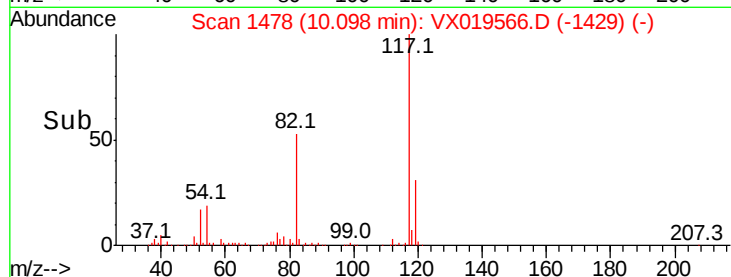
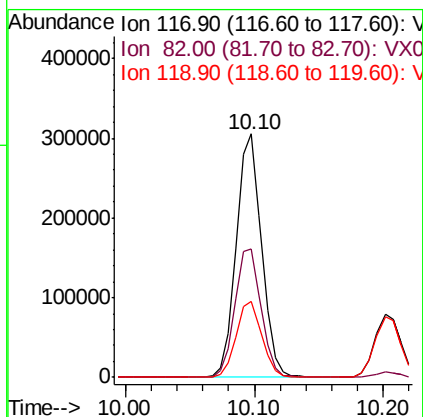
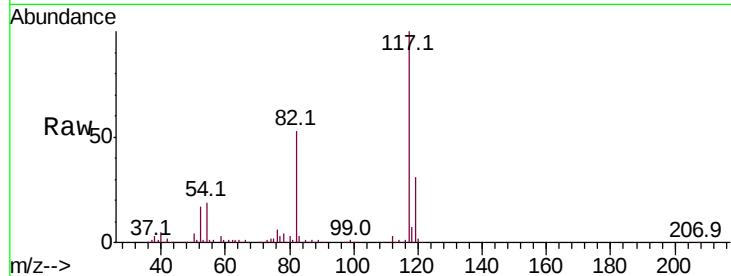




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

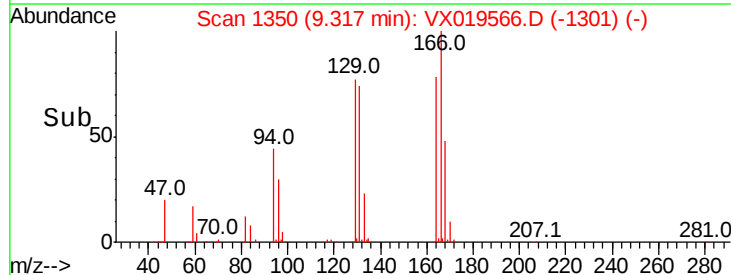
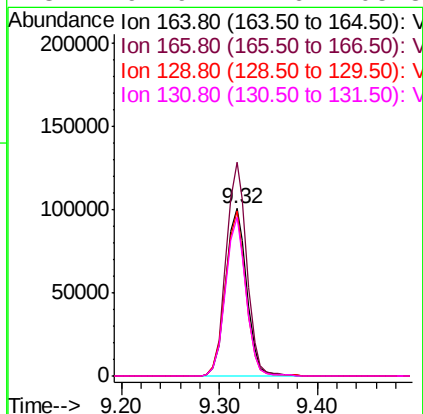
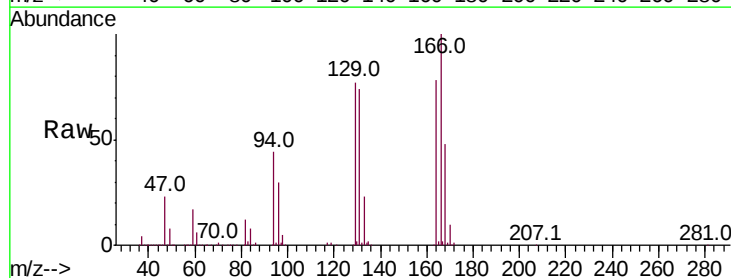
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

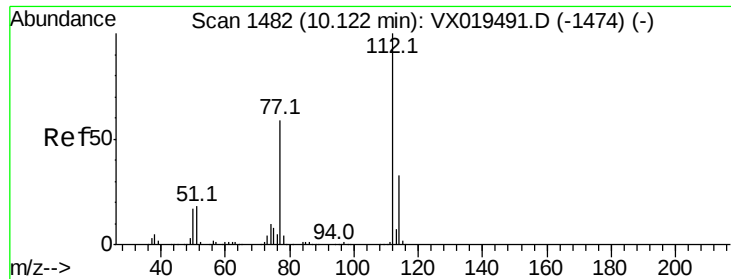
Tot Ion:117 Resp: 416863
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.0 25.6 38.4



#64
Tetrachloroethene
Concen: 45.844 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion:164 Resp: 150219
Ion Ratio Lower Upper
164 100
166 127.8 107.4 161.0
129 98.6 76.6 114.8
131 94.9 72.6 108.8





#65

Chlorobenzene

Concen: 49.226 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

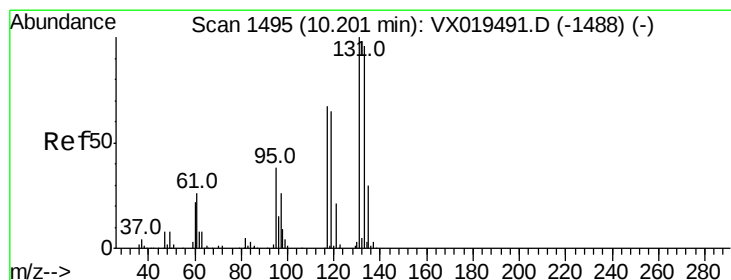
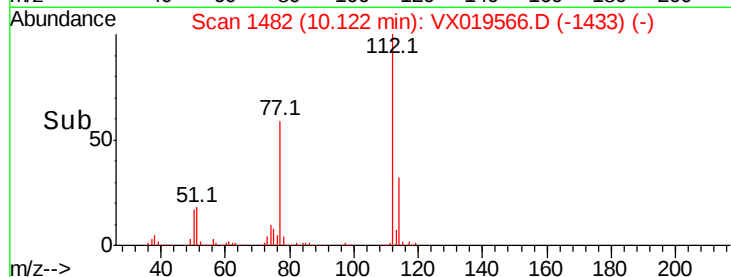
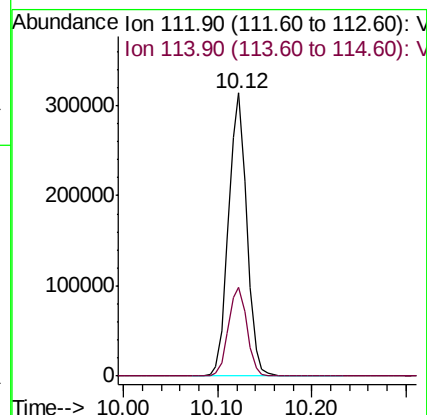
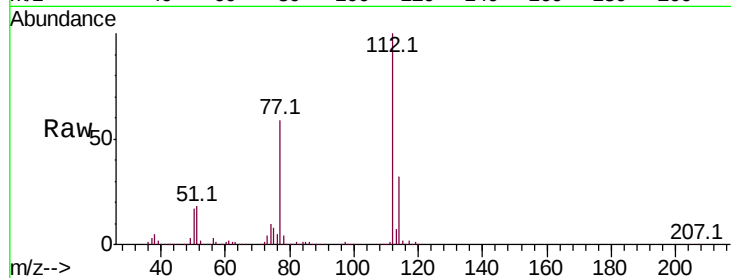
VSTDCCC050

Tot Ion:112 Resp: 421902

Ion Ratio Lower Upper

112 100

114 31.5 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 52.260 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

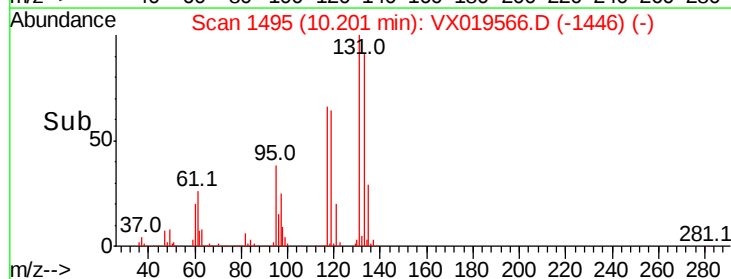
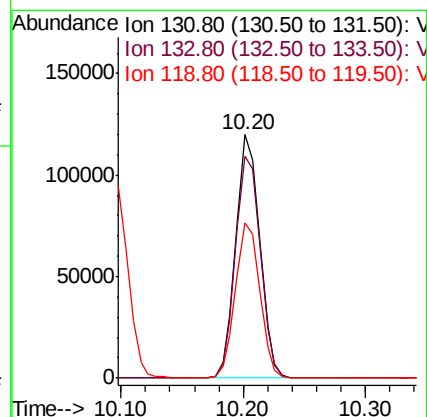
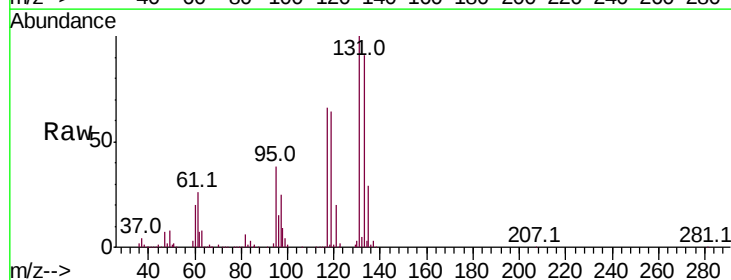
Tgt Ion:131 Resp: 162923

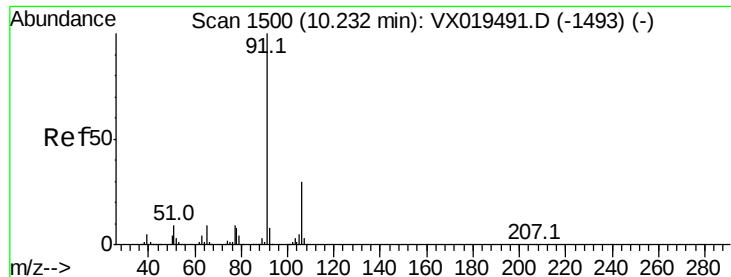
Ion Ratio Lower Upper

131 100

133 94.6 48.5 145.5

119 65.0 33.0 99.0





#67

Ethyl Benzene

Concen: 51.489 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

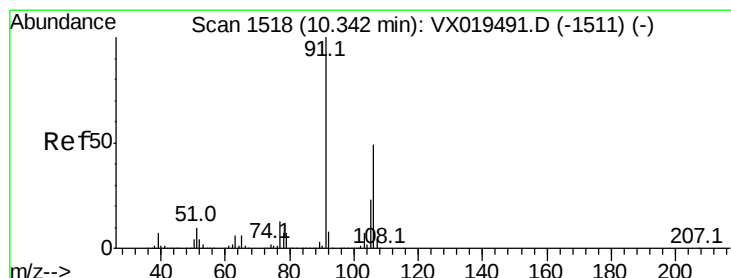
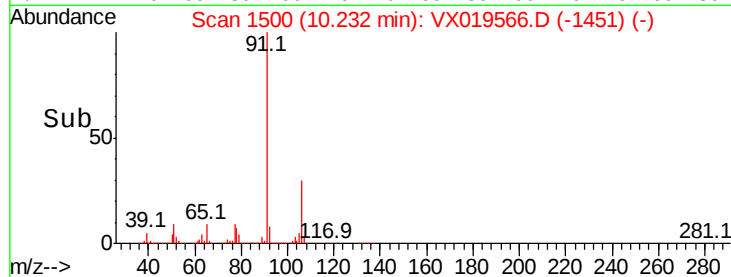
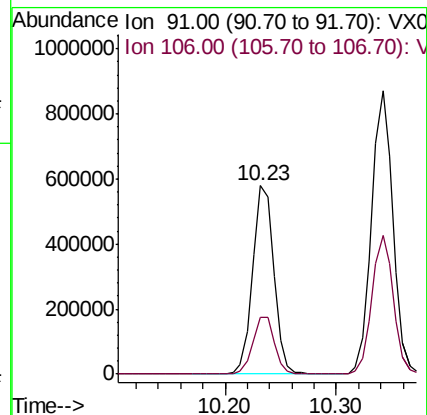
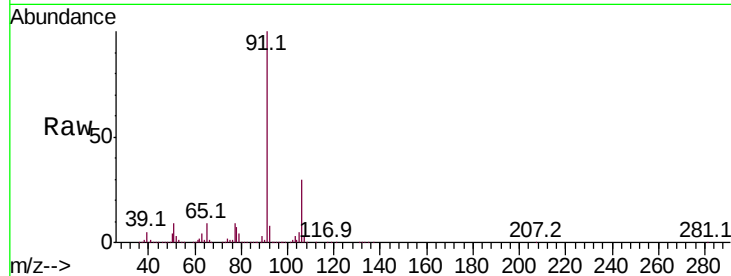
VSTDCCC050

Tot Ion: 91 Resp: 773098

Ion Ratio Lower Upper

91 100

106 30.3 24.0 36.0



#68

m/p-Xylenes

Concen: 102.993 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019566.D

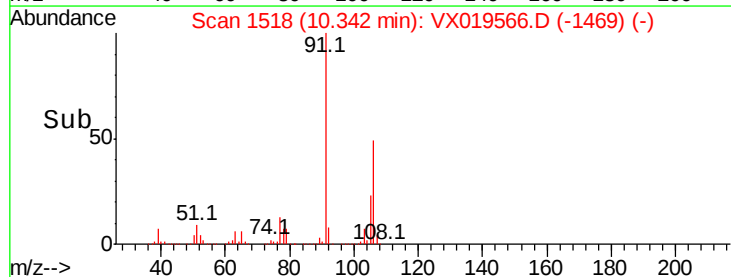
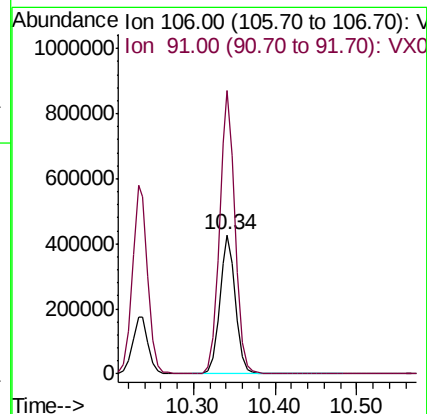
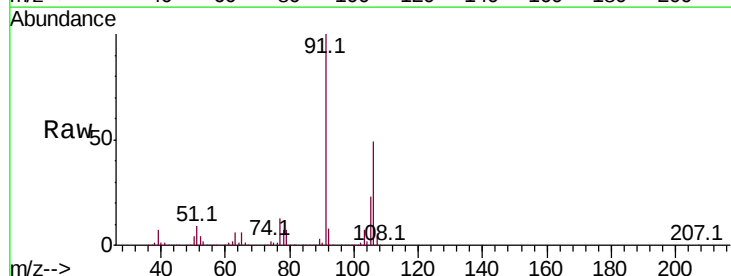
Acq: 23 Nov 2020 21:42

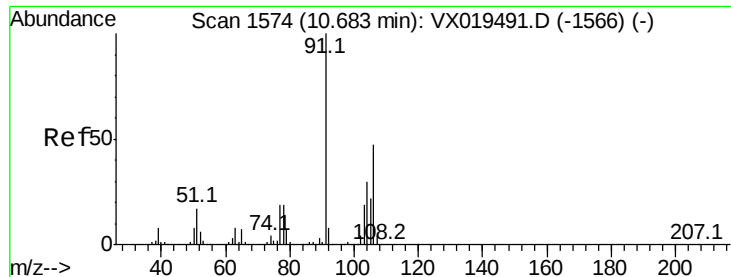
Tgt Ion: 106 Resp: 576133

Ion Ratio Lower Upper

106 100

91 202.4 163.3 244.9

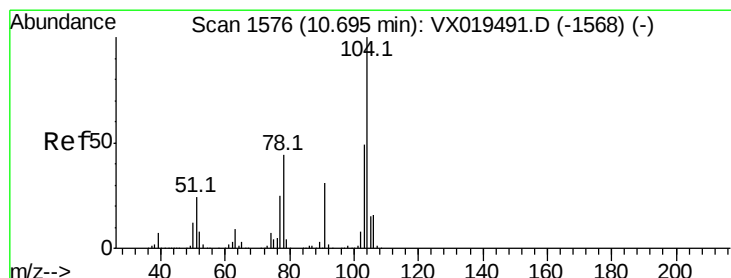
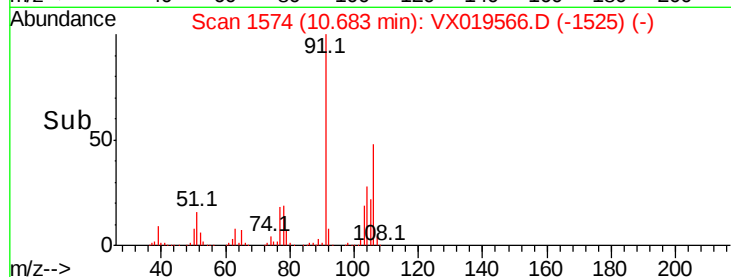
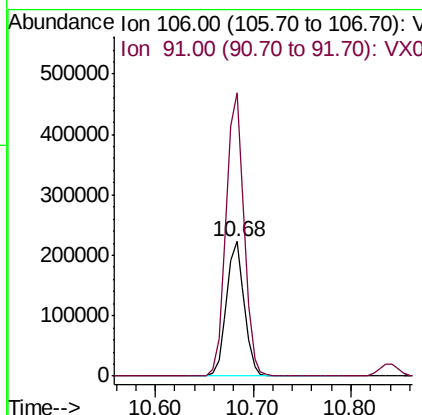
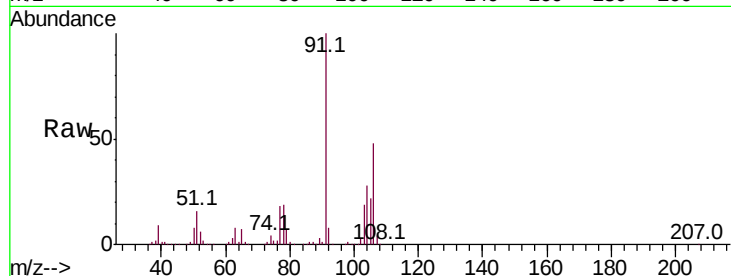




#69
o-Xylene
Concen: 52.859 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

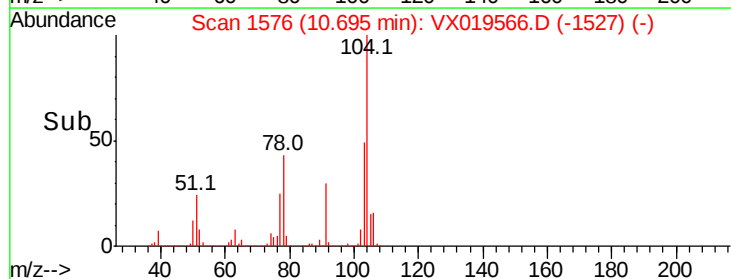
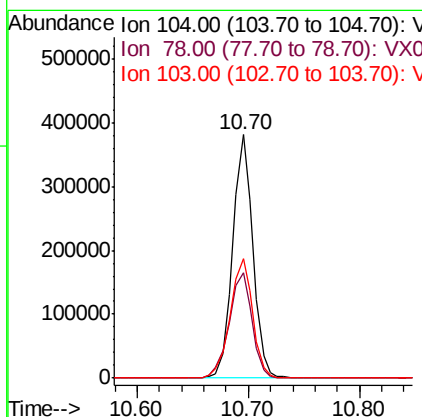
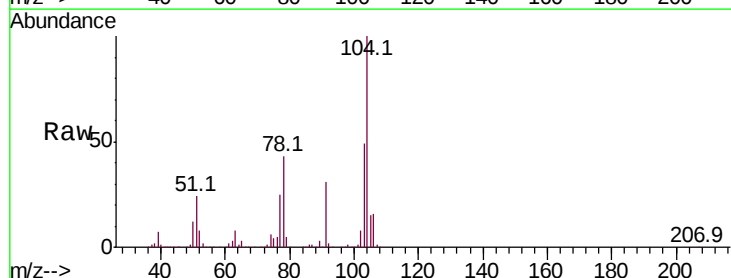
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

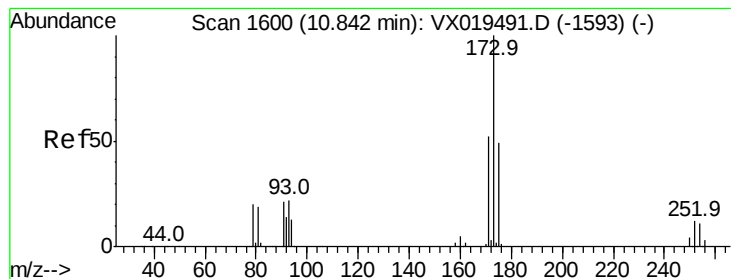
Tot Ion:106 Resp: 282658
Ion Ratio Lower Upper
106 100
91 212.2 108.0 324.0



#70
Styrene
Concen: 48.248 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion:104 Resp: 476985
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 54.4 43.6 65.4





#71

Bromoform

Concen: 46.998 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

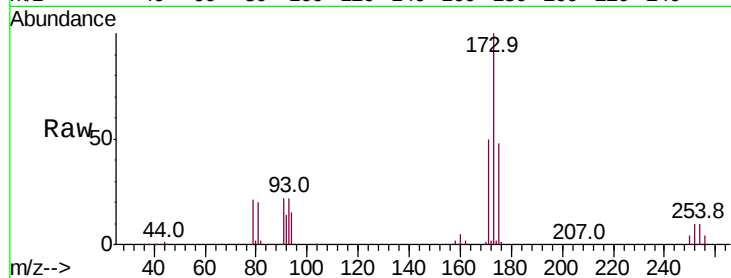
Tot Ion:173 Resp: 123502

Ion Ratio Lower Upper

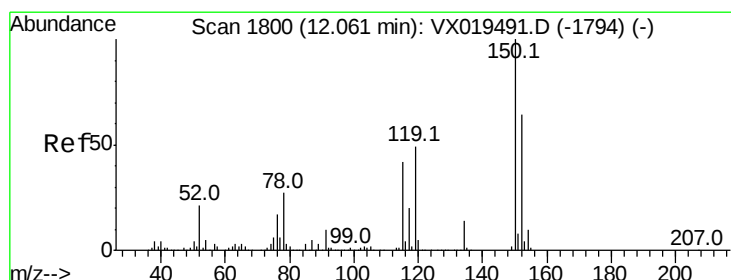
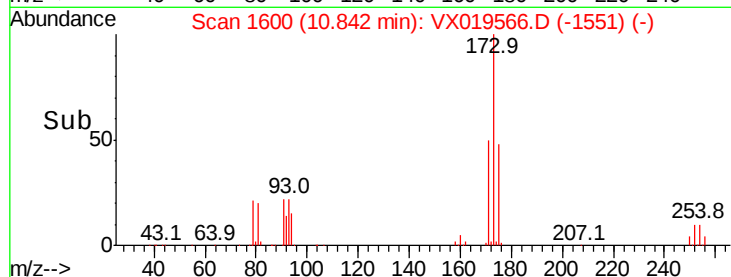
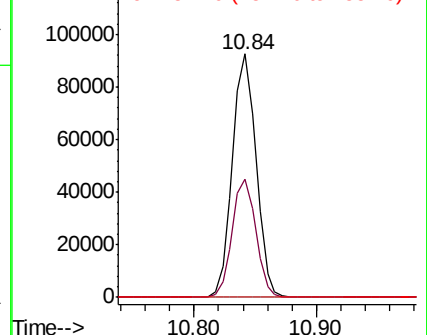
173 100

175 48.5 24.9 74.8

254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

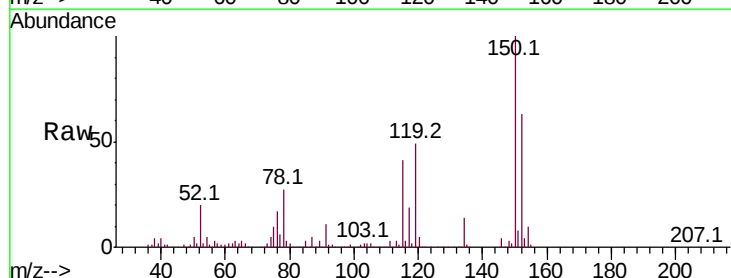
Tgt Ion:152 Resp: 199836

Ion Ratio Lower Upper

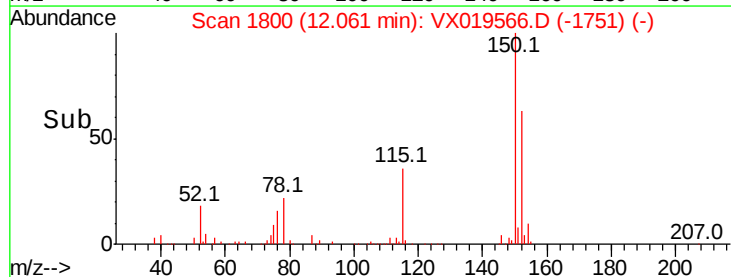
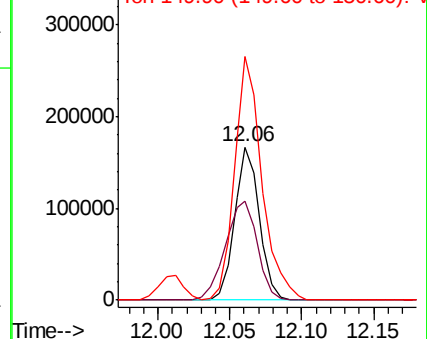
152 100

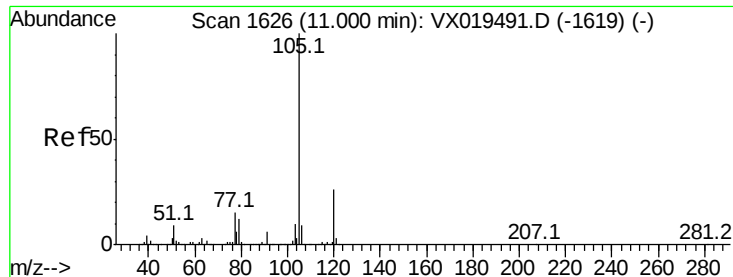
115 83.9 41.8 125.4

150 176.8 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.015 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

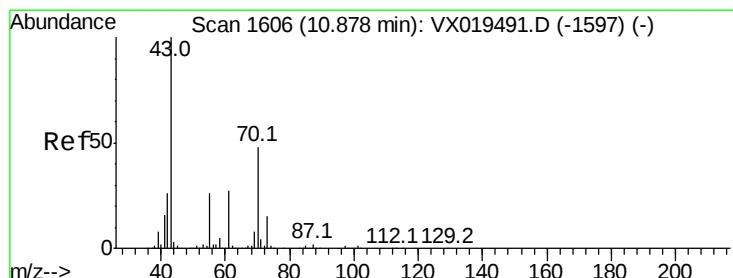
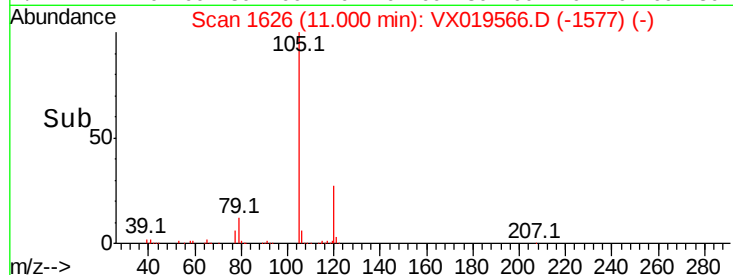
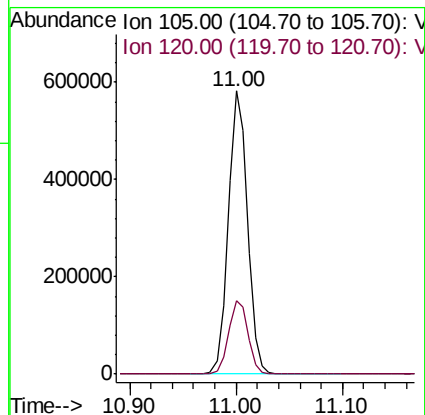
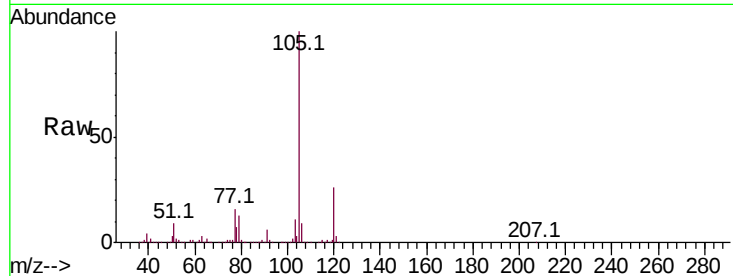
VSTDCCC050

Tot Ion:105 Resp: 732890

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 56.255 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Tgt Ion: 43 Resp: 291412

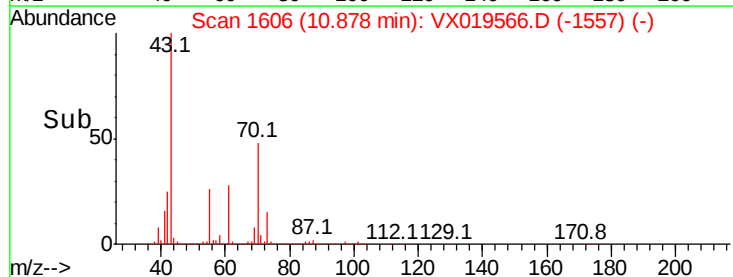
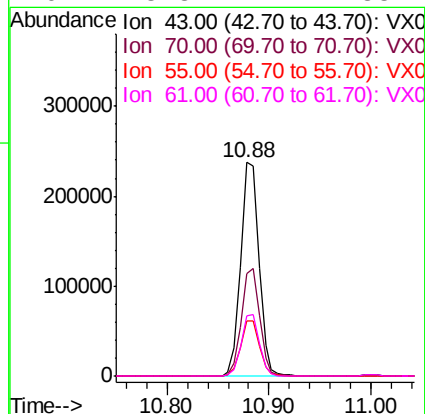
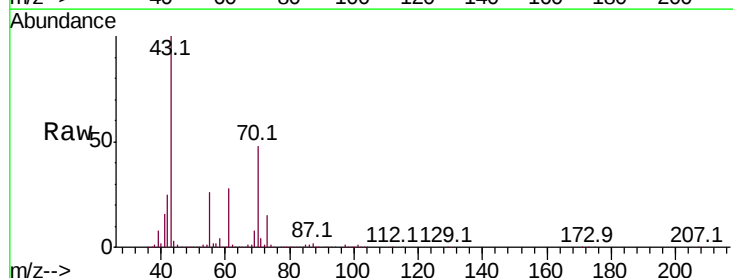
Ion Ratio Lower Upper

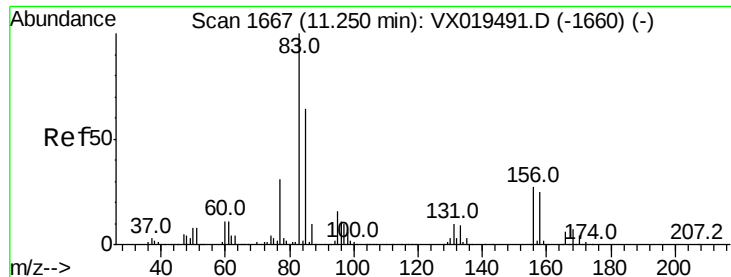
43 100

70 49.9 39.7 59.5

55 26.4 21.8 32.6

61 28.3 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.021 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

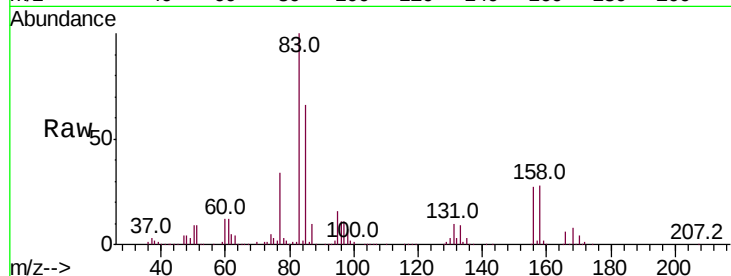
Tot Ion: 83 Resp: 262119

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

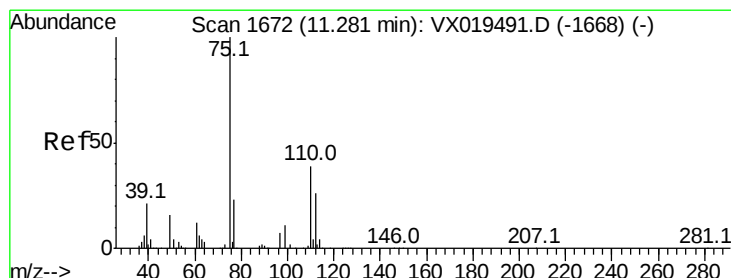
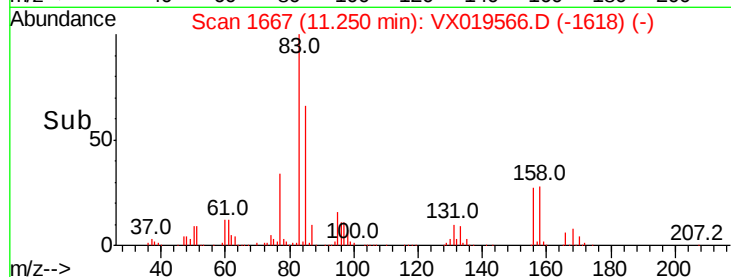
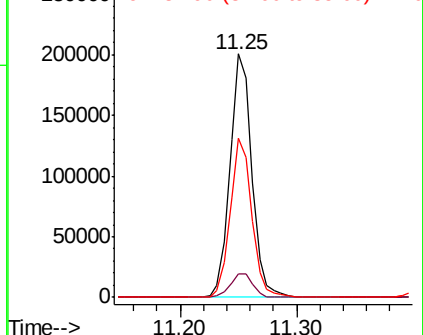
85 64.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.808 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019566.D

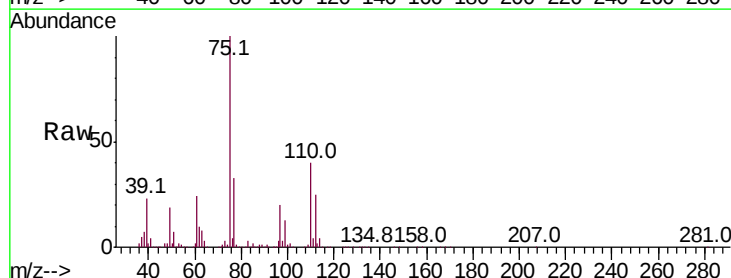
Acq: 23 Nov 2020 21:42

Tgt Ion: 75 Resp: 286997

Ion Ratio Lower Upper

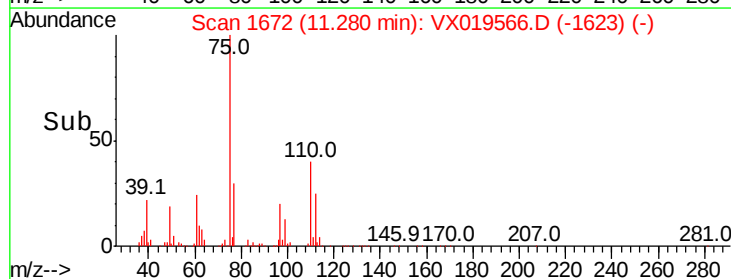
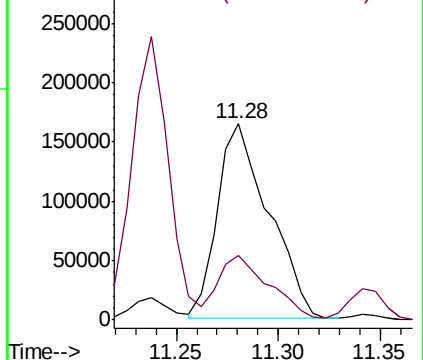
75 100

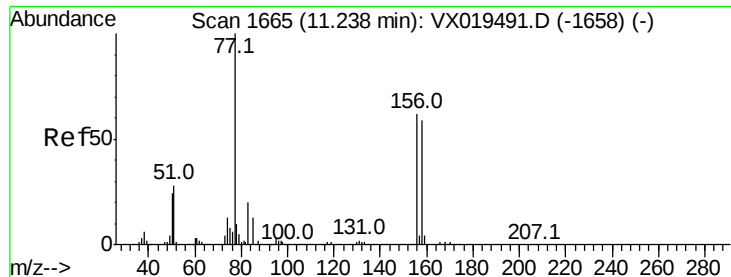
77 32.7 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.956 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

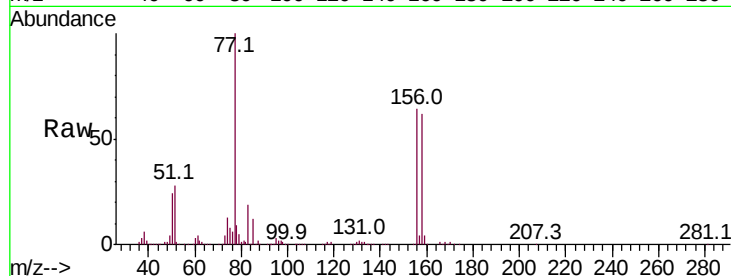
Tot Ion:156 Resp: 186887

Ion Ratio Lower Upper

156 100

77 160.8 82.5 247.3

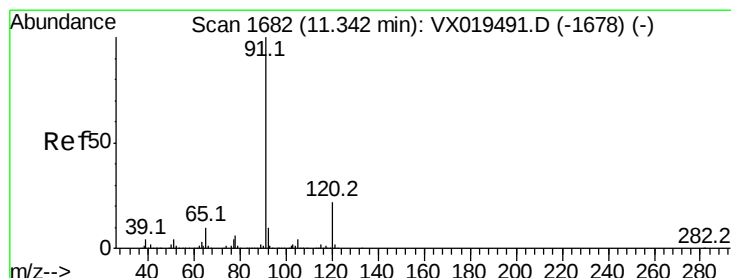
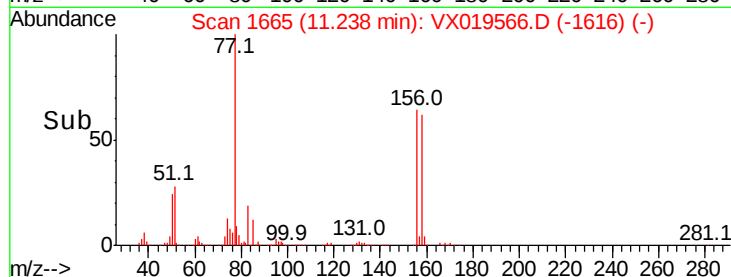
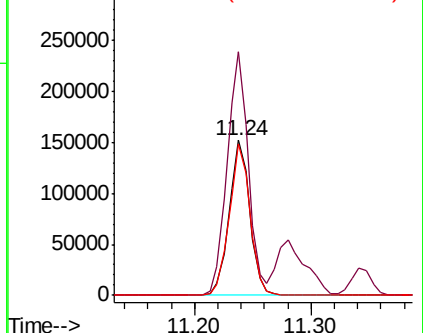
158 97.8 48.9 146.7



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: 51.916 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019566.D

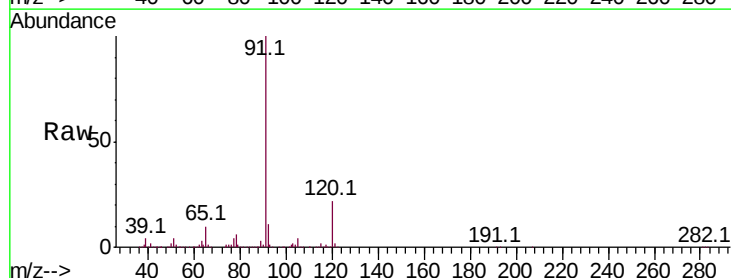
Acq: 23 Nov 2020 21:42

Tgt Ion: 91 Resp: 823343

Ion Ratio Lower Upper

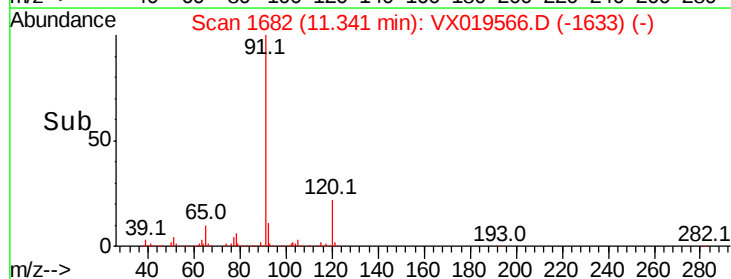
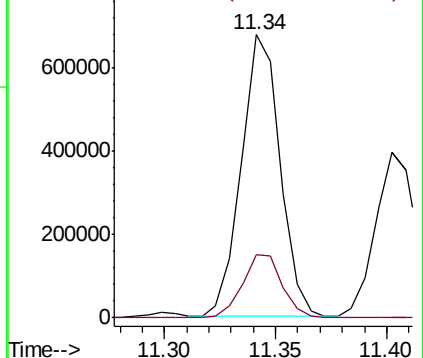
91 100

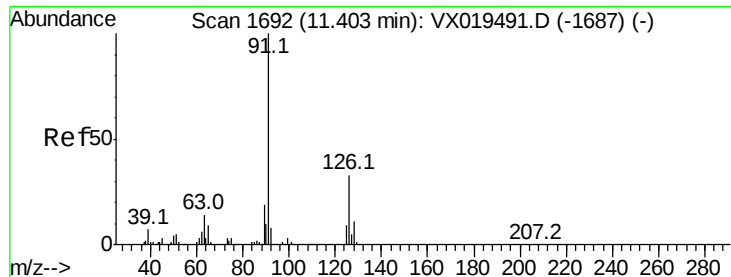
120 23.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.473 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

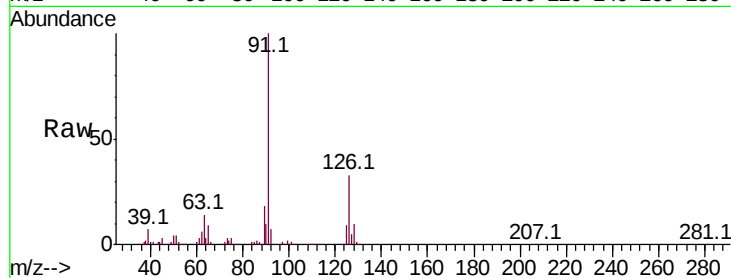
VSTDCCC050

Tot Ion: 91 Resp: 504686

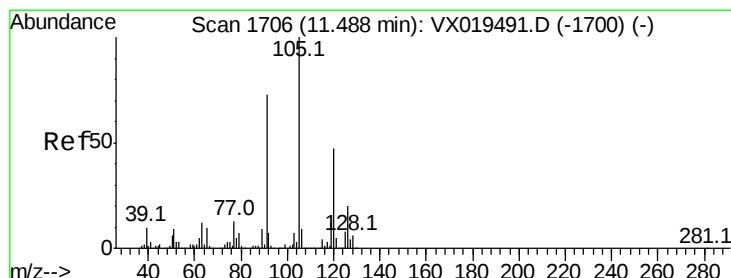
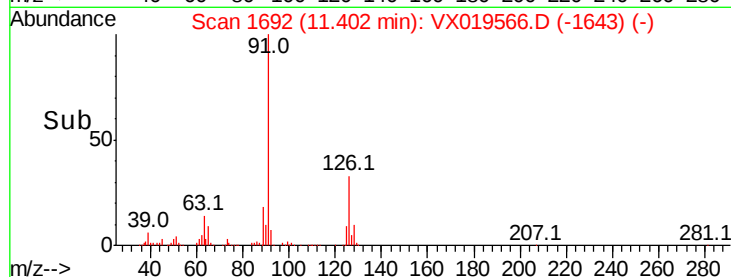
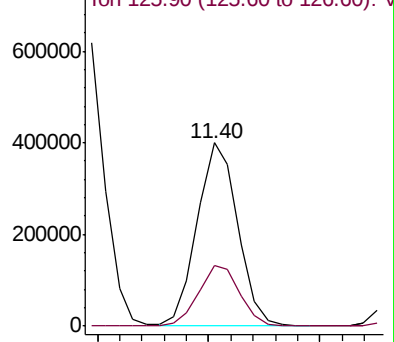
Ion Ratio Lower Upper

91 100

126 33.8 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.206 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019566.D

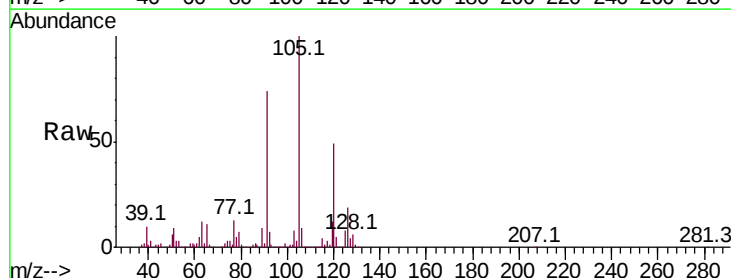
Acq: 23 Nov 2020 21:42

Tgt Ion: 105 Resp: 617021

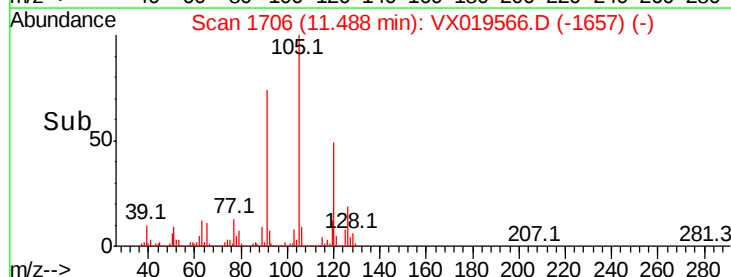
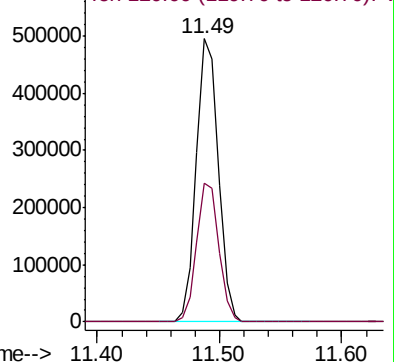
Ion Ratio Lower Upper

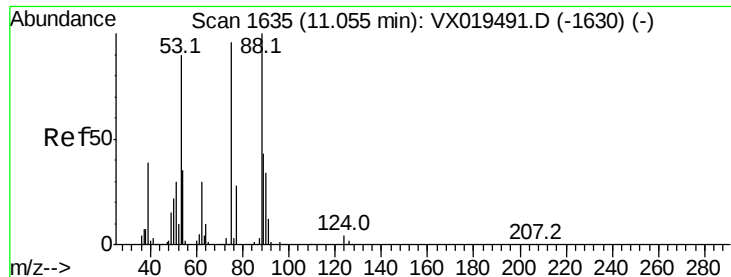
105 100

120 49.3 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX019491.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.681 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

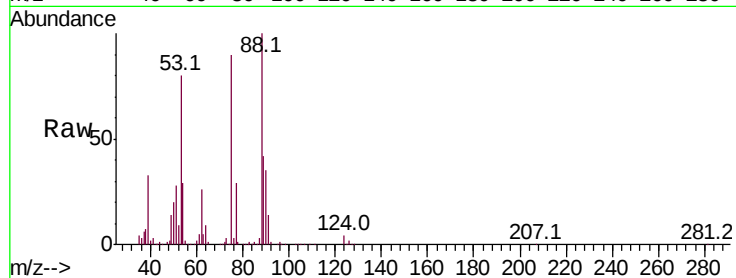
Tot Ion: 75 Resp: 80171

Ion Ratio Lower Upper

75 100

53 91.9 73.9 110.9

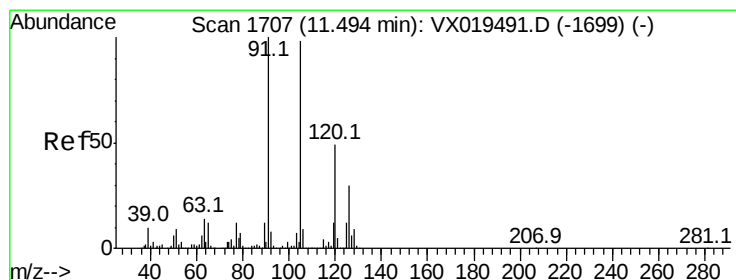
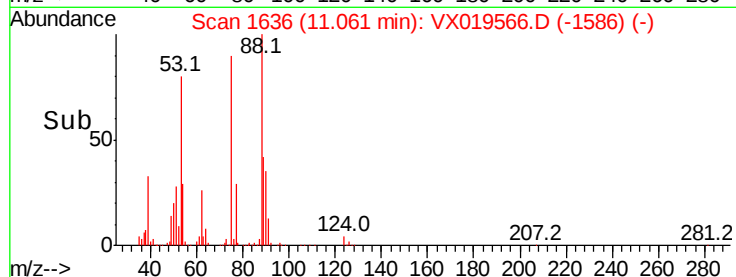
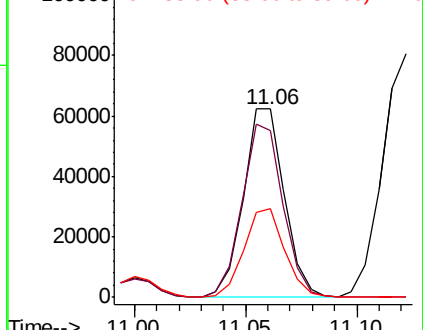
89 46.7 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.021 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019566.D

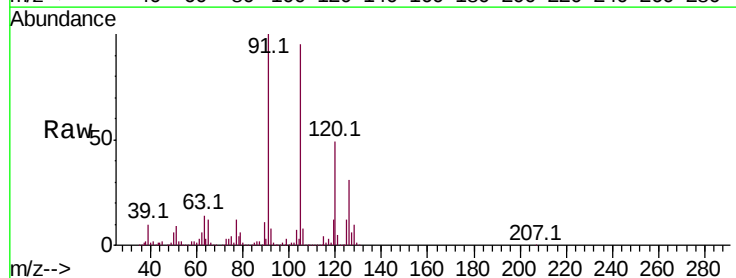
Acq: 23 Nov 2020 21:42

Tgt Ion: 91 Resp: 589000

Ion Ratio Lower Upper

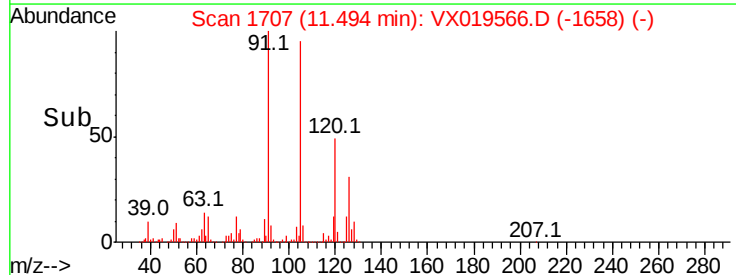
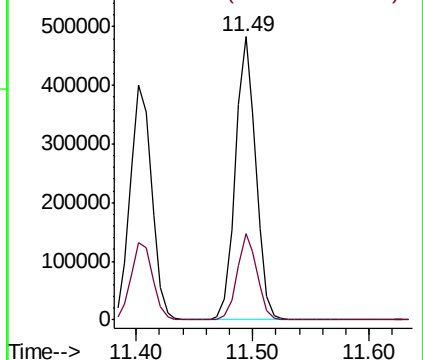
91 100

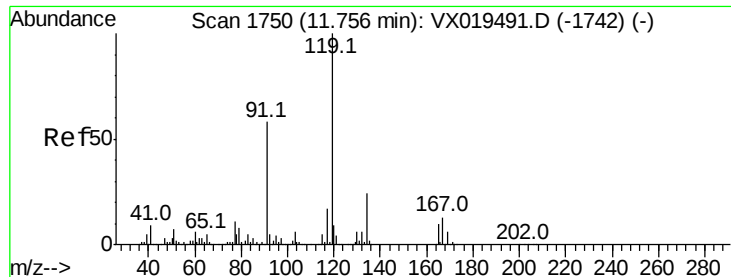
126 29.7 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

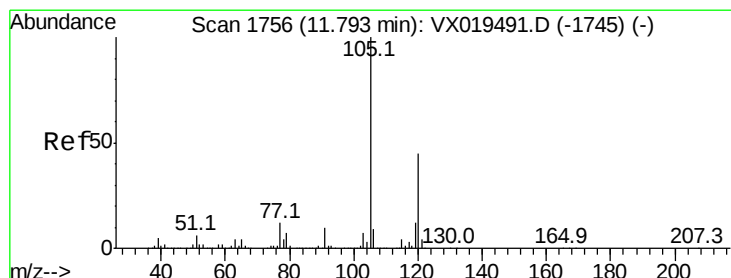
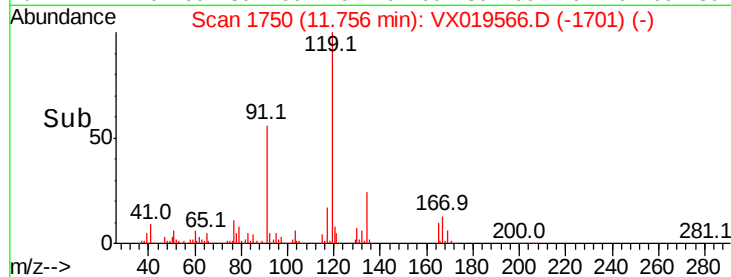
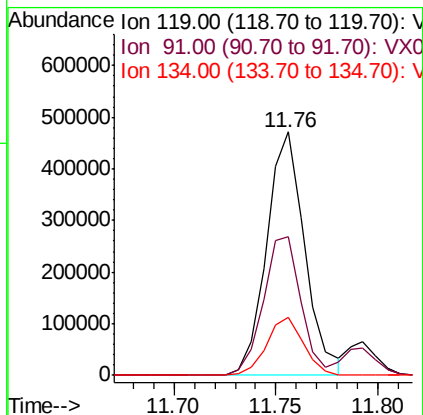
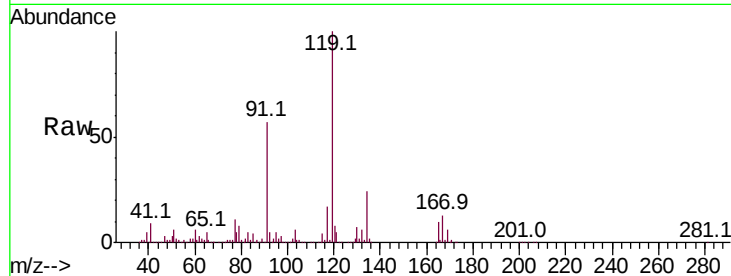




#83
 tert-Butylbenzene
 Concen: 54.765 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

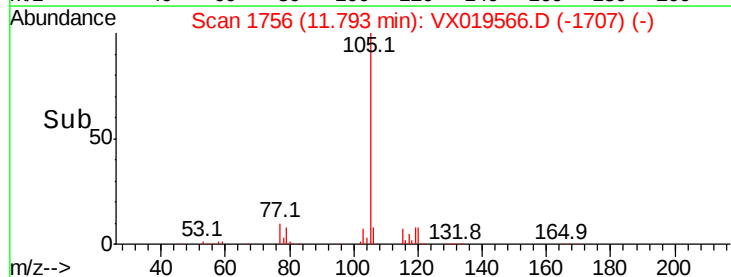
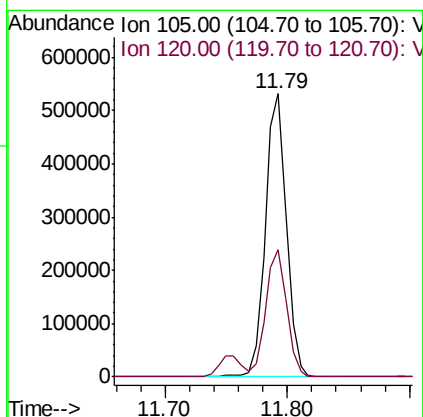
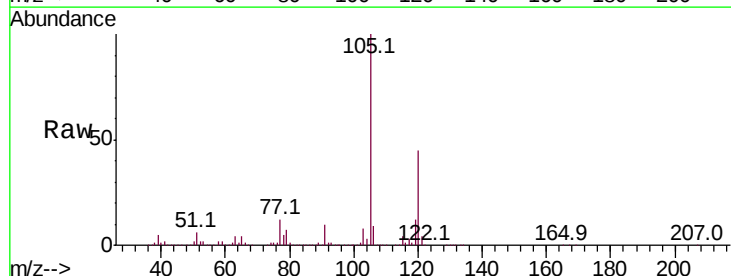
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

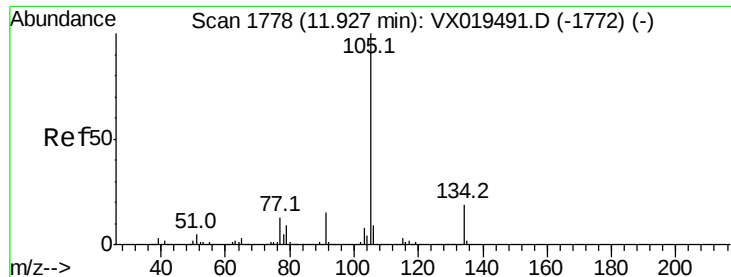
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.9	28.9	86.8
134	23.0	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 54.284 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.2	66.6

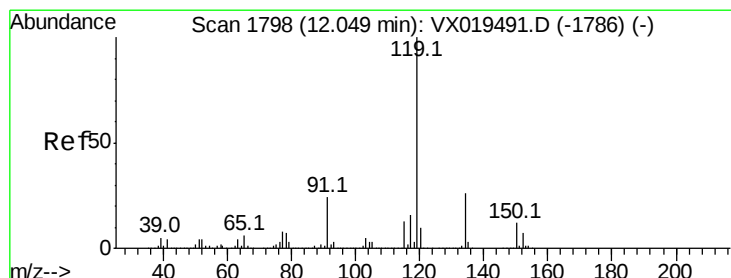
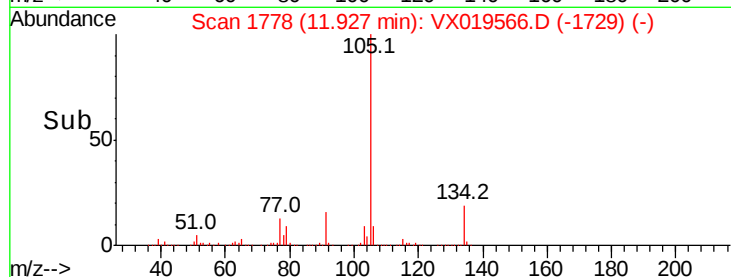
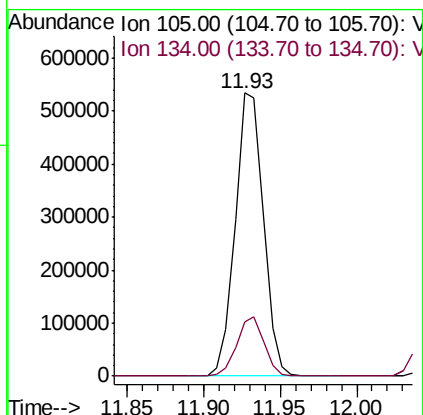
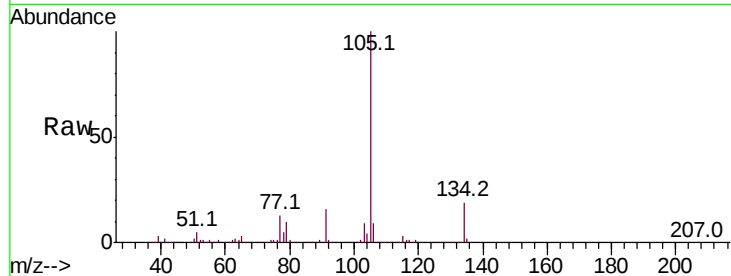




#85
 sec-Butylbenzene
 Concen: 50.979 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

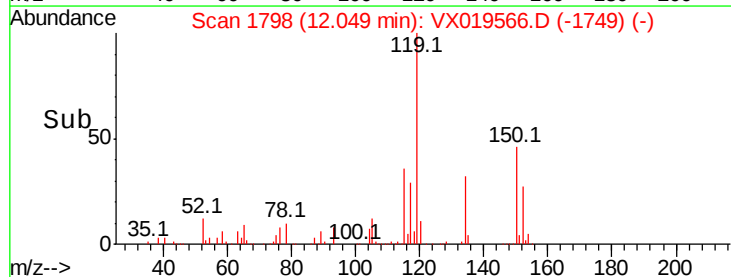
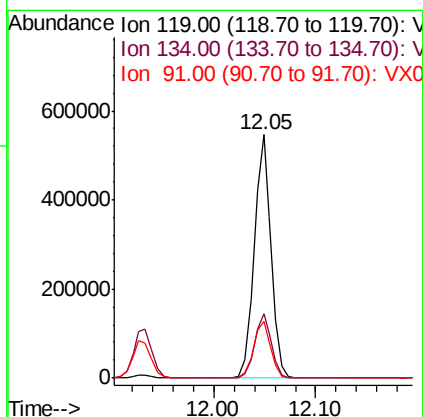
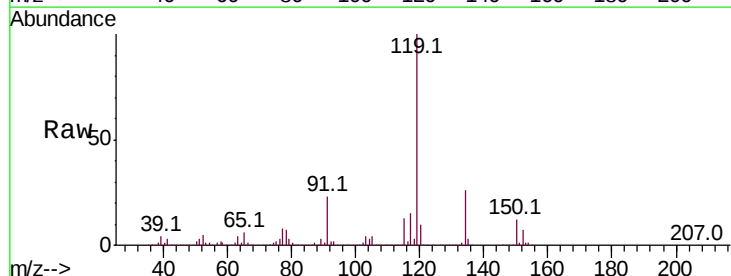
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

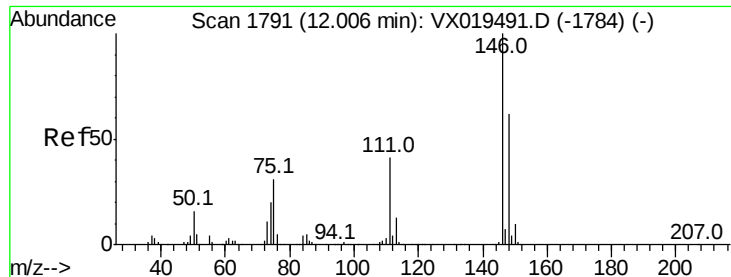
Tot Ion:105 Resp: 680436
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 51.823 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion:119 Resp: 628002
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 23.7 11.8 35.4

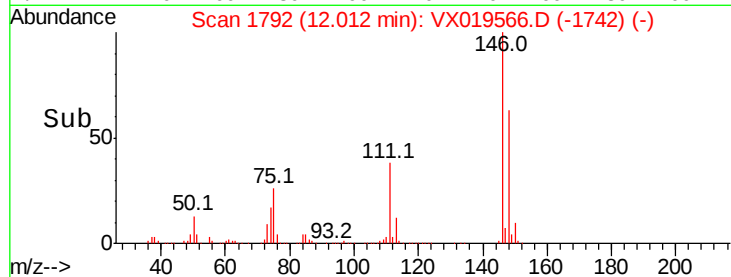
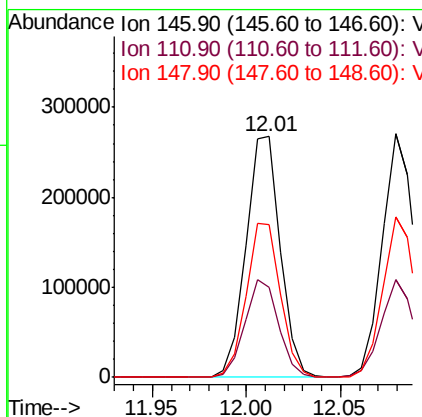
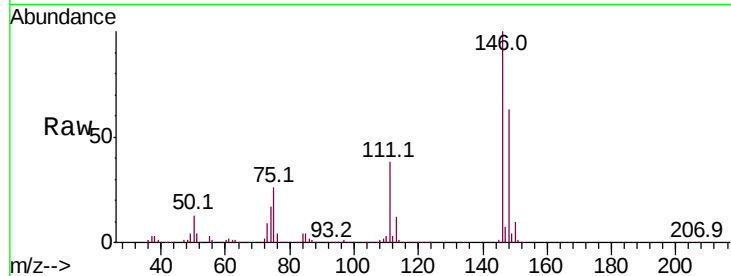




#87
 1,3-Dichlorobenzene
 Concen: 52.210 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

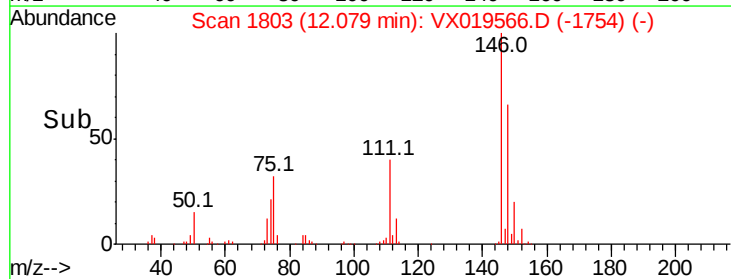
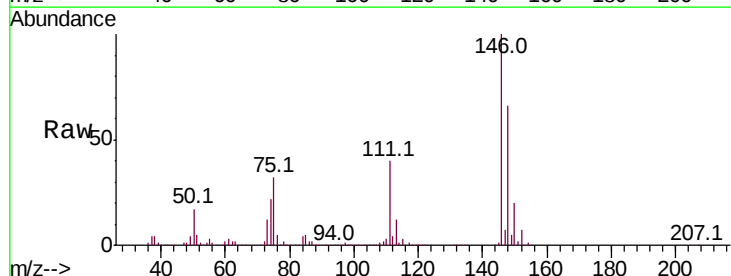
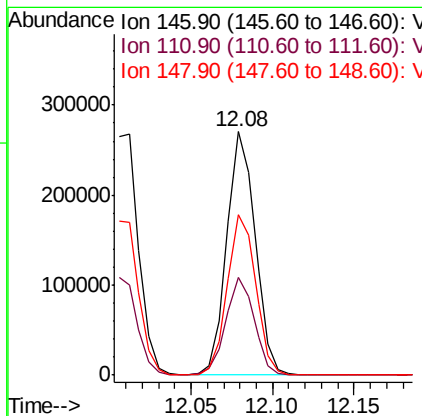
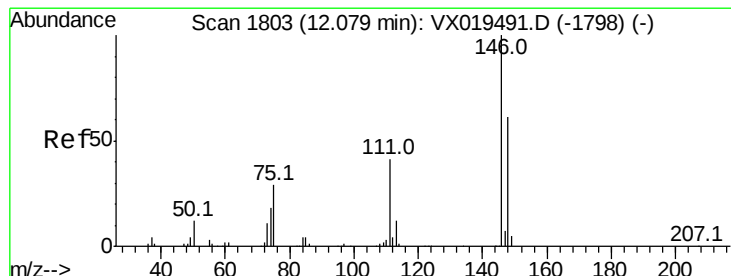
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

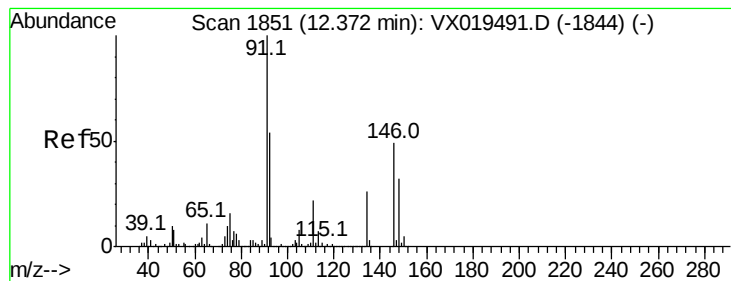
Tot Ion:146 Resp: 338383
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.2 60.6
 148 63.8 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 49.142 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion:146 Resp: 328074
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.9 59.6
 148 66.1 31.7 95.1





#89

n-Butylbenzene

Concen: 48.495 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

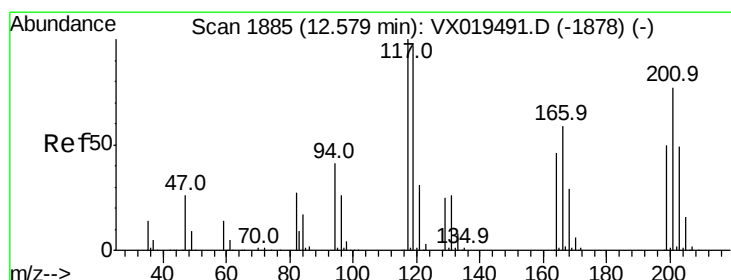
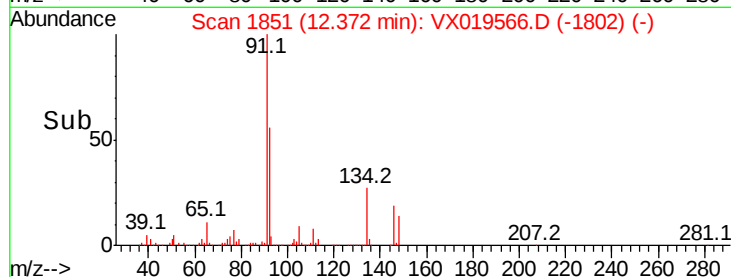
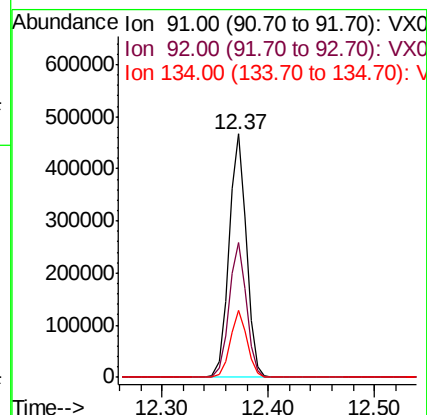
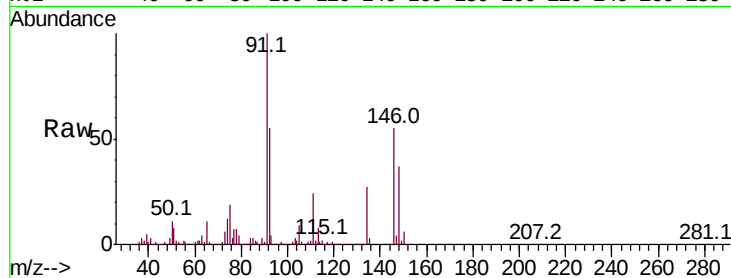
Tot Ion: 91 Resp: 531292

Ion Ratio Lower Upper

91 100

92 55.1 26.9 80.6

134 26.6 12.9 38.6



#90

Hexachloroethane

Concen: 53.860 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019566.D

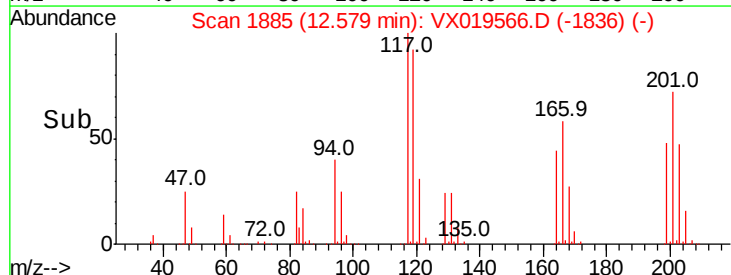
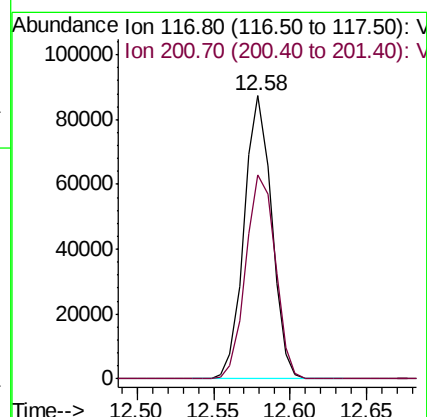
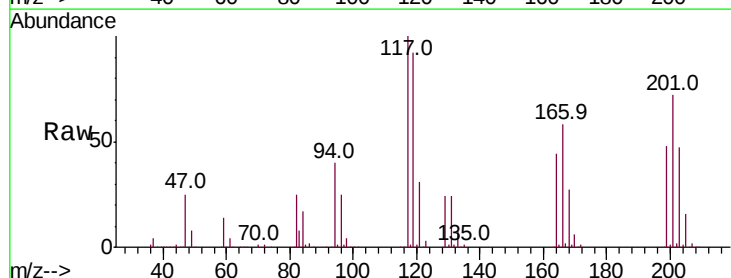
Acq: 23 Nov 2020 21:42

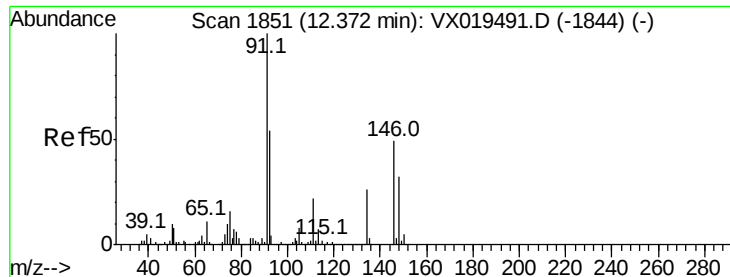
Tgt Ion: 117 Resp: 109217

Ion Ratio Lower Upper

117 100

201 77.8 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 51.603 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

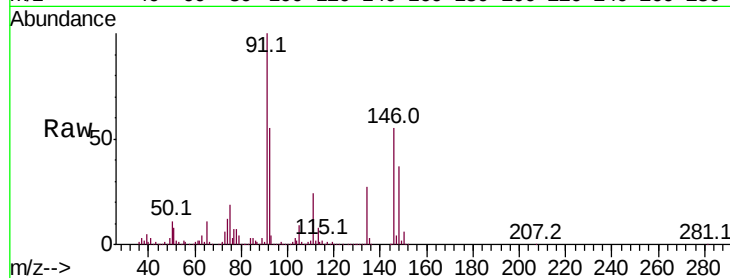
Tot Ion:146 Resp: 335911

Ion Ratio Lower Upper

146 100

111 41.3 21.1 63.3

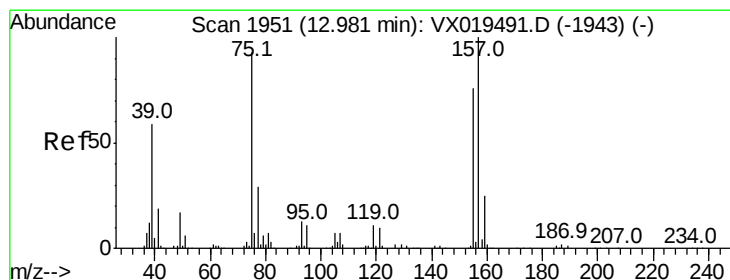
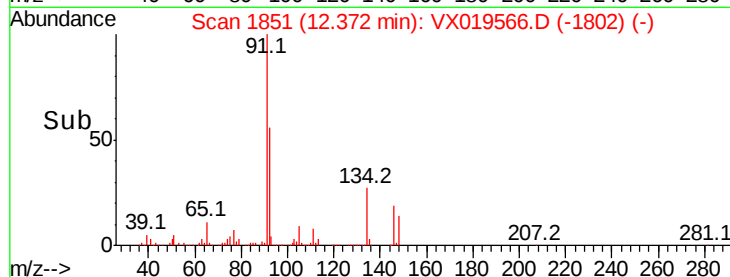
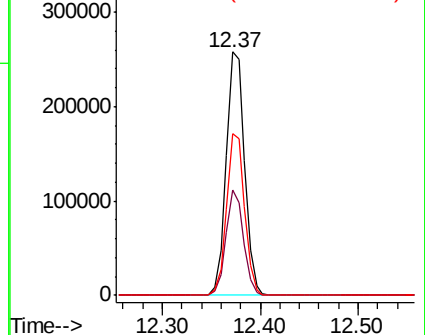
148 65.0 32.4 97.0



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: 56.104 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

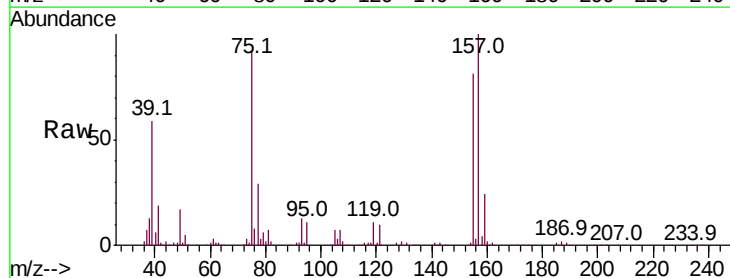
Tgt Ion: 75 Resp: 56584

Ion Ratio Lower Upper

75 100

155 89.3 43.6 130.9

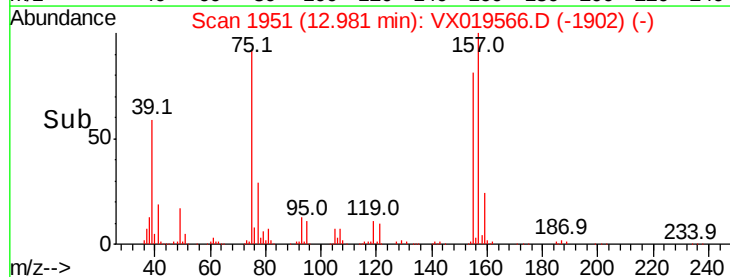
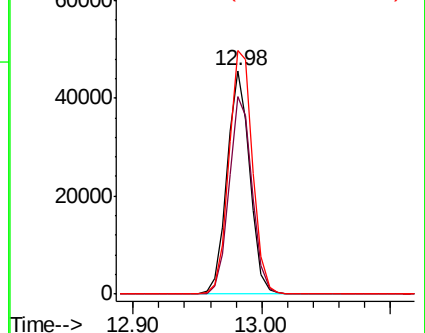
157 113.4 57.0 170.8

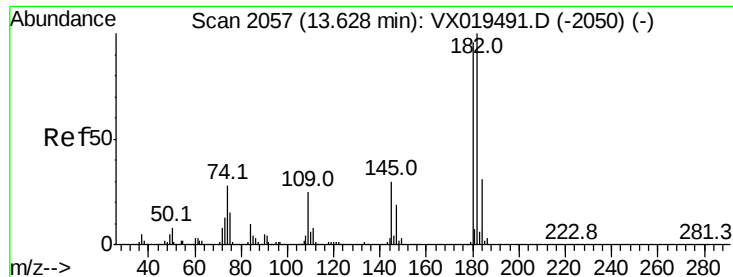


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

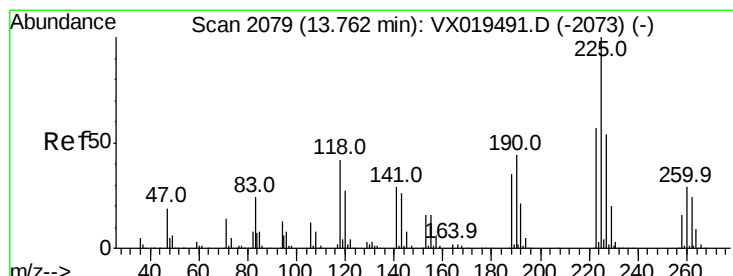
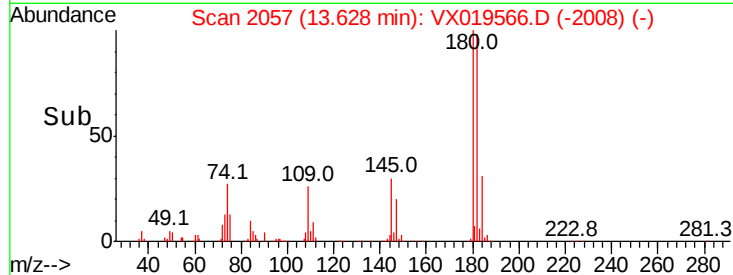
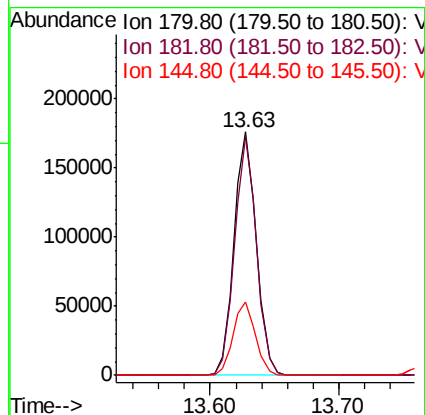
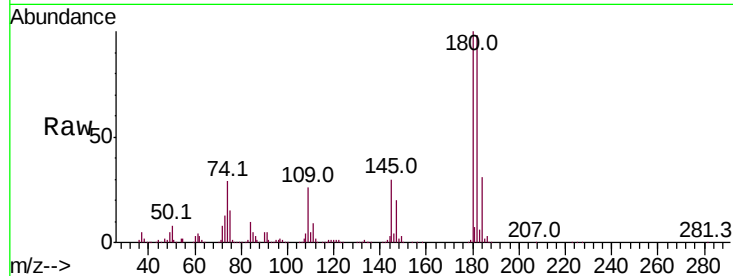




#93
 1,2,4-Trichlorobenzene
 Concen: 51.155 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

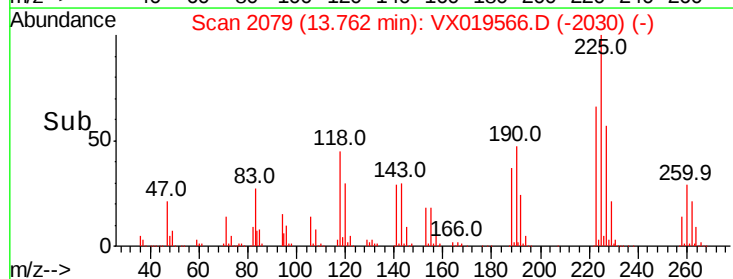
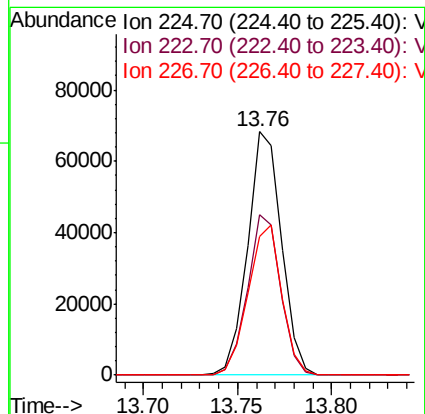
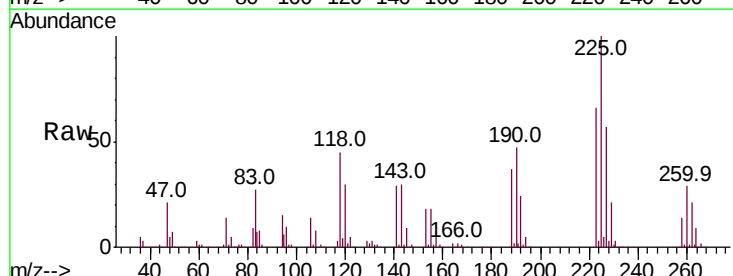
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

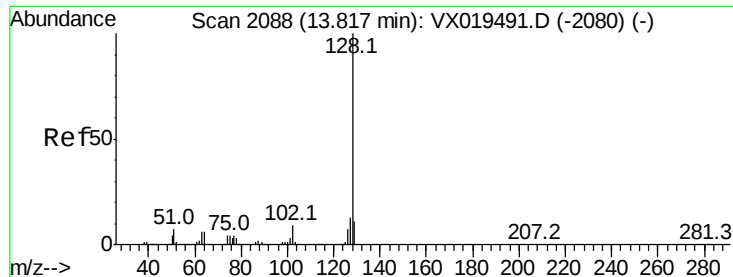
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.6	145.9
145	30.5	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 44.611 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.5	97.5
227	61.5	32.8	98.3





#95

Naphthalene

Concen: 50.987 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

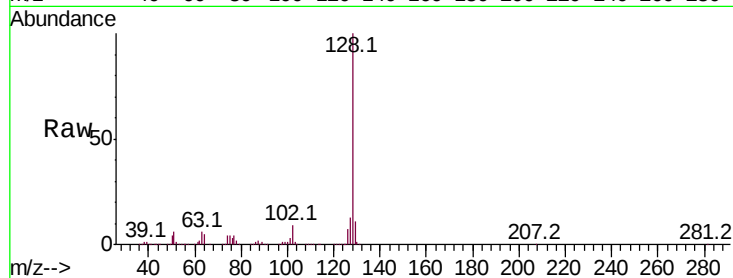
Tot Ion:128 Resp: 752205

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

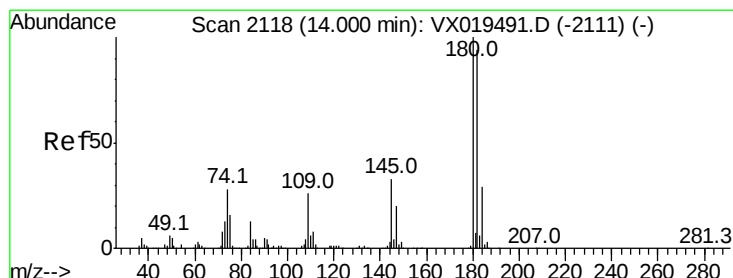
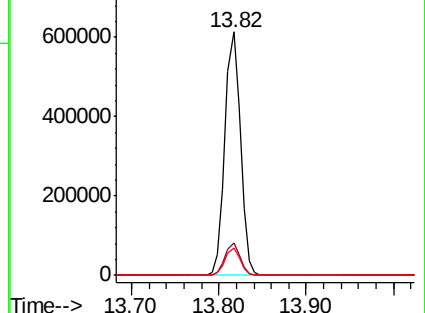
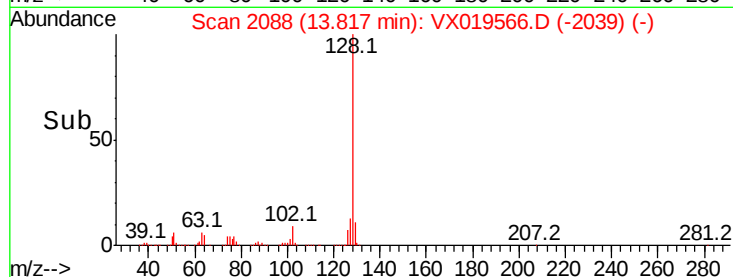
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.477 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

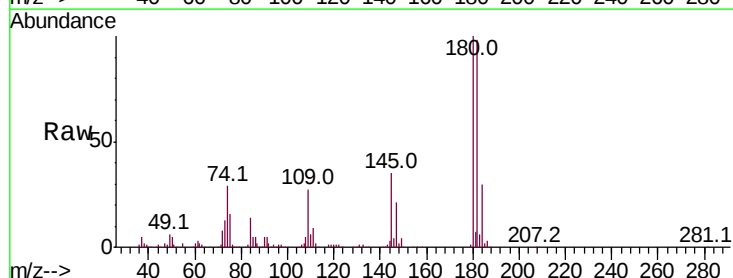
Tgt Ion:180 Resp: 211008

Ion Ratio Lower Upper

180 100

182 98.2 48.1 144.3

145 34.3 16.6 49.8



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

