

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX121120\
 Data File : VX019866.D
 Acq On : 11 Dec 2020 09:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 12 00:53:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	294303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	467491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	431481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	175575	45.39	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.78%
35) Dibromofluoromethane	5.46	113	143386	47.46	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.92%
50) Toluene-d8	8.70	98	556648	48.26	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.52%
62) 4-Bromofluorobenzene	11.12	95	216056	49.21	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.42%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	139830	51.895	ug/l	99
3) Chloromethane	1.31	50	141781	44.742	ug/l	98
4) Vinyl Chloride	1.39	62	170751	51.104	ug/l	99
5) Bromomethane	1.62	94	52950	47.727	ug/l	98
6) Chloroethane	1.70	64	109222	54.416	ug/l	98
7) Trichlorofluoromethane	1.91	101	247251	53.135	ug/l	98
8) Diethyl Ether	2.17	74	102380	51.920	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	144979	54.357	ug/l	99
10) Methyl Iodide	2.49	142	185000	47.057	ug/l	100
11) Tert butyl alcohol	3.01	59	191872	241.195	ug/l	100
12) 1,1-Dichloroethene	2.36	96	139198	51.623	ug/l	99
13) Acrolein	2.27	56	81553	191.011	ug/l	100
14) Allyl chloride	2.70	41	239115	52.506	ug/l	99
15) Acrylonitrile	3.11	53	451761	258.353	ug/l	100
16) Acetone	2.42	43	391341	269.169	ug/l	99
17) Carbon Disulfide	2.55	76	361411	46.712	ug/l	100
18) Methyl Acetate	2.75	43	193179	54.297	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	529759	53.947	ug/l	99
20) Methylene Chloride	2.83	84	173746	52.415	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	162381	51.653	ug/l	98
22) Diisopropyl ether	3.82	45	500410	54.347	ug/l	97
23) Vinyl Acetate	3.78	43	2118970	270.121	ug/l	100
24) 1,1-Dichloroethane	3.67	63	295768	53.268	ug/l	99
25) 2-Butanone	4.62	43	590230	264.198	ug/l	100
26) 2,2-Dichloropropane	4.54	77	257037	53.755	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	191165	51.962	ug/l	100
28) Bromochloromethane	4.97	49	123632	46.708	ug/l	100
29) Tetrahydrofuran	5.08	42	367945	255.630	ug/l	99
30) Chloroform	5.17	83	304615	53.355	ug/l	100
31) Cyclohexane	5.54	56	257450	53.507	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	261352	53.156	ug/l	100
36) 1,1-Dichloropropene	5.76	75	227318	53.811	ug/l	99
37) Ethyl Acetate	4.79	43	221821	52.007	ug/l	100
38) Carbon Tetrachloride	5.75	117	223197	53.954	ug/l	94

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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	277922	55.997	ug/l	98
40) Benzene	6.10	78	686925	53.232	ug/l	99
41) Methacrylonitrile	4.99	41	120725	51.552	ug/l	97
42) 1,2-Dichloroethane	6.15	62	236244	53.582	ug/l	100
43) Isopropyl Acetate	6.40	43	365688	52.735	ug/l	100
44) Trichloroethene	7.18	130	179787	53.101	ug/l	96
45) 1,2-Dichloropropane	7.48	63	175256	54.340	ug/l	97
46) Dibromomethane	7.63	93	115902	53.215	ug/l	100
47) Bromodichloromethane	7.87	83	235369	54.461	ug/l	100
48) Methyl methacrylate	7.74	41	182212	53.428	ug/l	99
49) 1,4-Dioxane	7.71	88	83237	1007.513	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1140203	269.317	ug/l	100
52) Toluene	8.76	92	437450	54.201	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	262830	54.803	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	286710	55.028	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	175844	54.065	ug/l	97
56) Ethyl methacrylate	9.16	69	273380	55.556	ug/l	99
57) 1,3-Dichloropropane	9.35	76	299404	53.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	650512	249.538	ug/l	100
59) 2-Hexanone	9.47	43	897055	273.353	ug/l	99
60) Dibromochloromethane	9.56	129	181740	54.999	ug/l	99
61) 1,2-Dibromoethane	9.65	107	183861	53.236	ug/l	100
64) Tetrachloroethene	9.32	164	164837	56.966	ug/l	99
65) Chlorobenzene	10.12	112	455662	53.007	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	169968	54.934	ug/l	99
67) Ethyl Benzene	10.23	91	837044	54.856	ug/l	100
68) m/p-Xylenes	10.34	106	633484	110.176	ug/l	100
69) o-Xylene	10.68	106	303677	54.905	ug/l	99
70) Styrene	10.70	104	520083	55.710	ug/l	100
71) Bromoform	10.84	173	134627	55.311	ug/l #	99
73) Isopropylbenzene	11.00	105	824326	55.564	ug/l	99
74) N-amyl acetate	10.88	43	318788	53.621	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	275367	52.647	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	320055	65.716	ug/l	88
77) Bromobenzene	11.24	156	204745	53.929	ug/l	97
78) n-propylbenzene	11.34	91	963898	56.886	ug/l	100
79) 2-Chlorotoluene	11.40	91	570177	54.642	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	698948	55.823	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	92531	54.923	ug/l	97
82) 4-Chlorotoluene	11.49	91	670047	54.828	ug/l	98
83) tert-Butylbenzene	11.76	119	674658	54.940	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	702507	55.700	ug/l	100
85) sec-Butylbenzene	11.93	105	811103	57.853	ug/l	100
86) p-Isopropyltoluene	12.05	119	743763	57.884	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	373511	53.602	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	371466	52.340	ug/l	98
89) n-Butylbenzene	12.37	91	670572	58.905	ug/l	100
90) Hexachloroethane	12.58	117	125848	56.731	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	364991	53.732	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59140	52.596	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

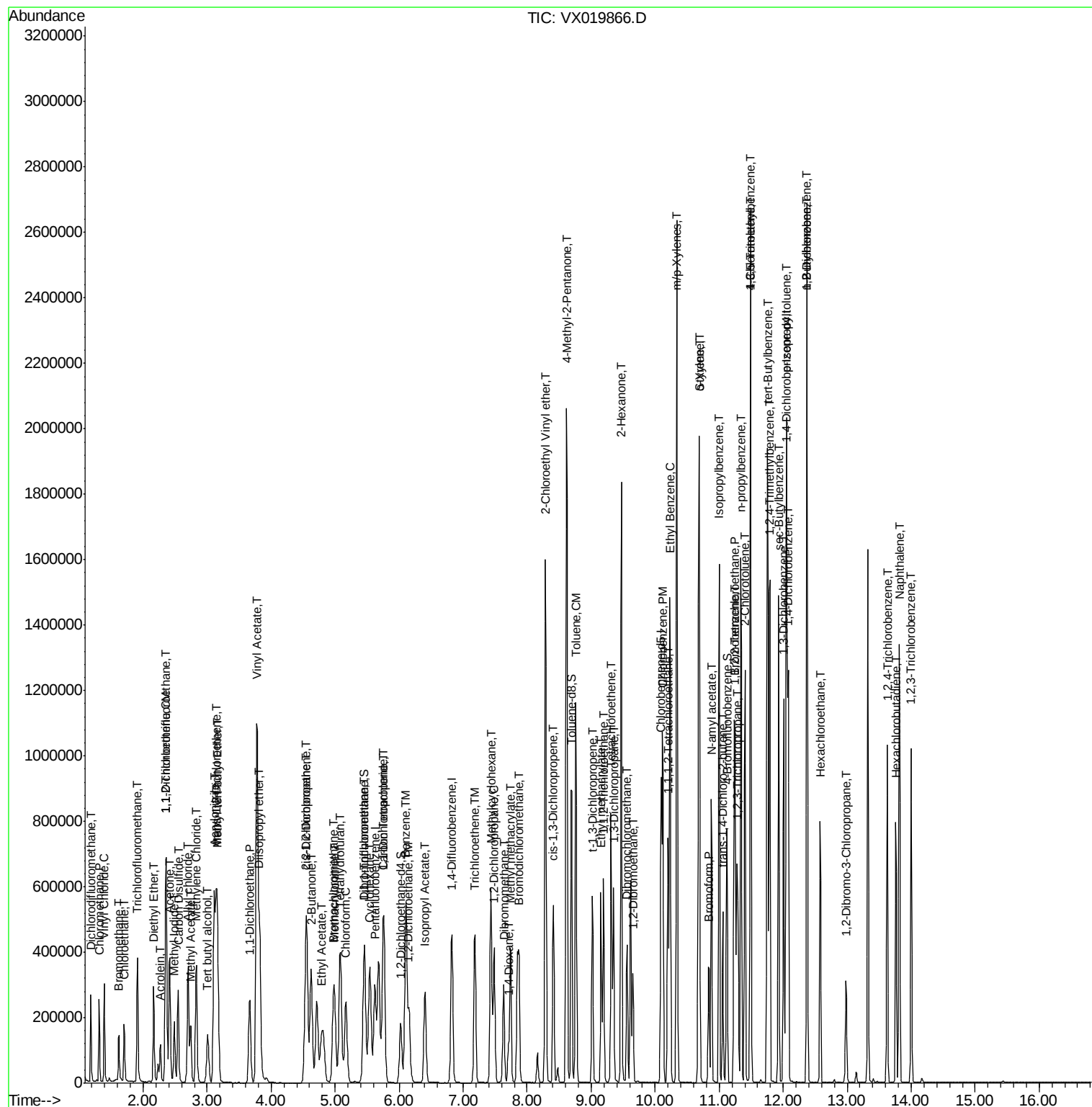
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	252274	57.053	ug/l	99
94) Hexachlorobutadiene	13.76	225	117745	59.578	ug/l	99
95) Naphthalene	13.82	128	817302	57.013	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	250777	58.032	ug/l	99

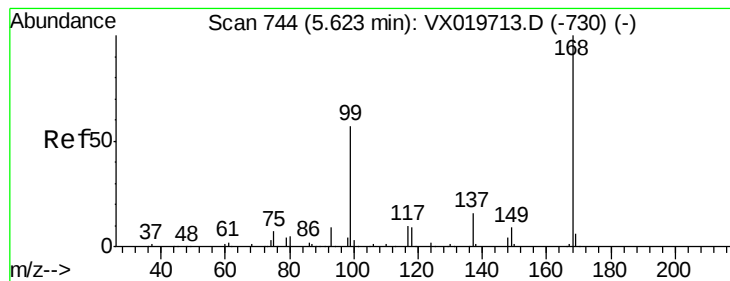
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

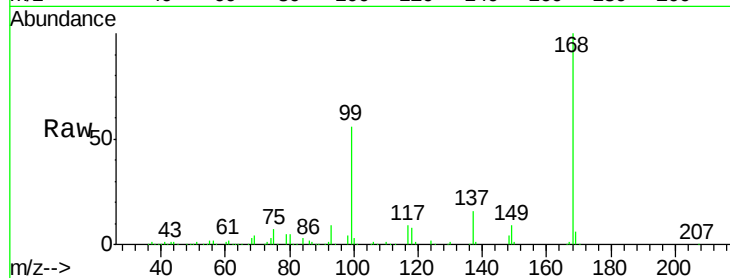
VSTDCCC050

Tgt Ion:168 Resp: 294303

Ion Ratio Lower Upper

168 100

99 55.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

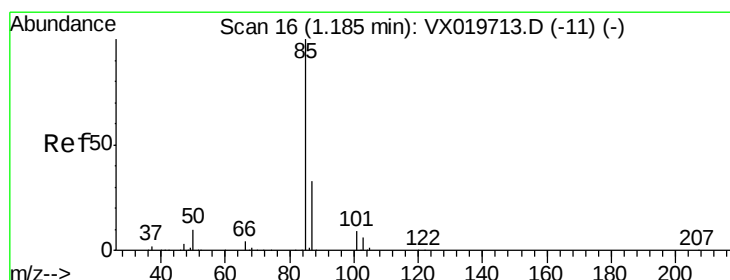
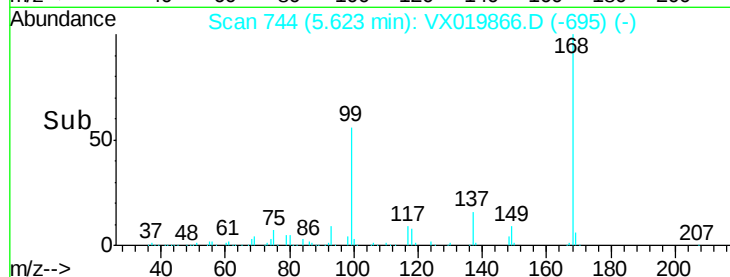
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.895 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019866.D

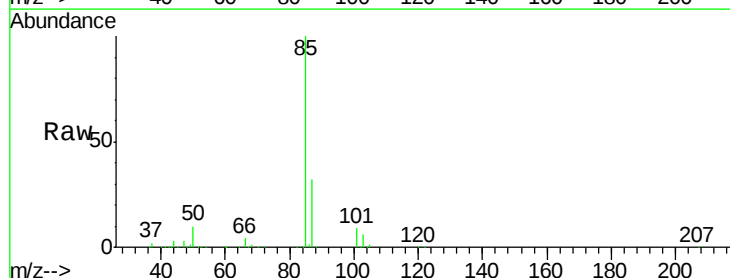
Acq: 11 Dec 2020 09:53

Tgt Ion: 85 Resp: 139830

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

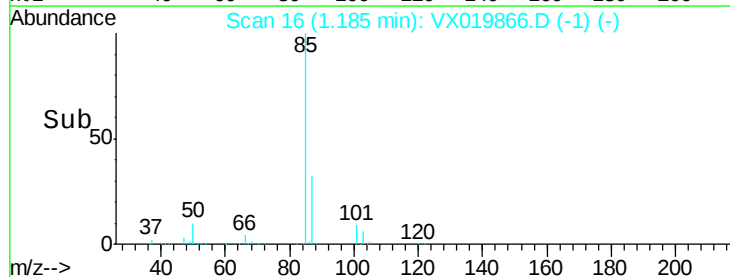
150000

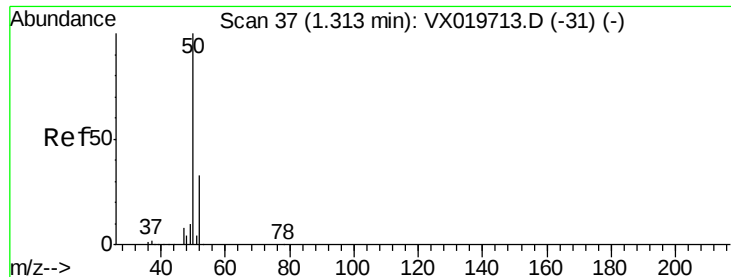
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.742 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

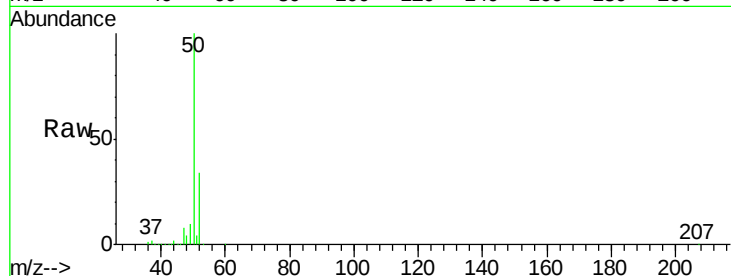
VSTDCCC050

Tgt Ion: 50 Resp: 141781

Ion Ratio Lower Upper

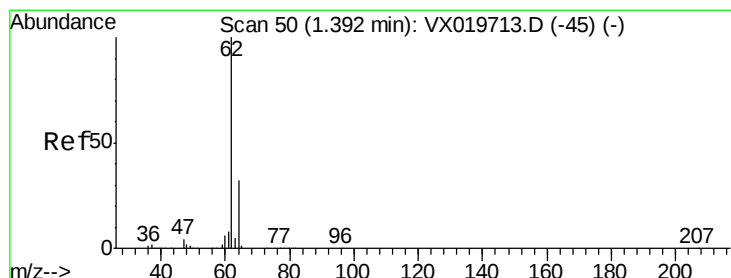
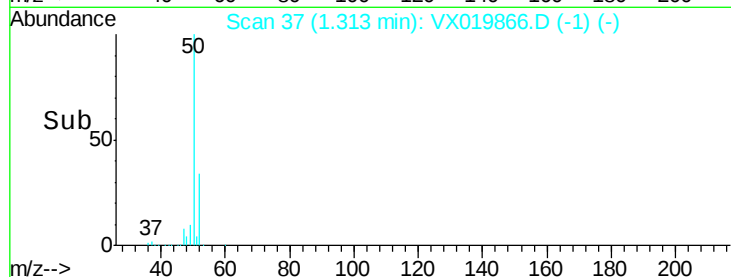
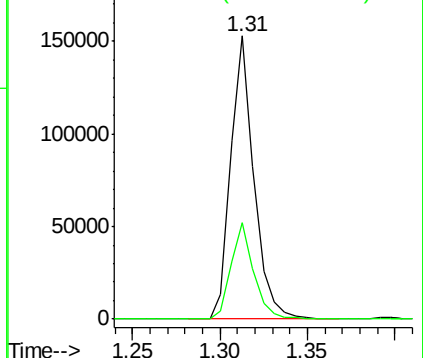
50 100

52 34.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.104 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019866.D

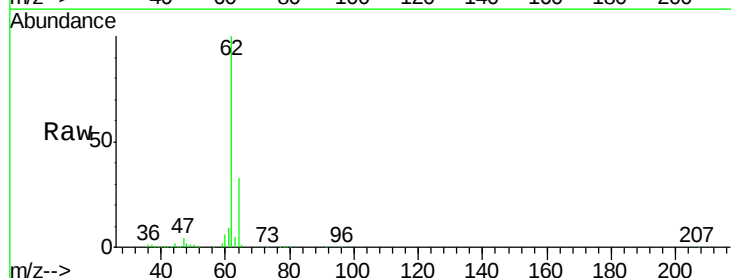
Acq: 11 Dec 2020 09:53

Tgt Ion: 62 Resp: 170751

Ion Ratio Lower Upper

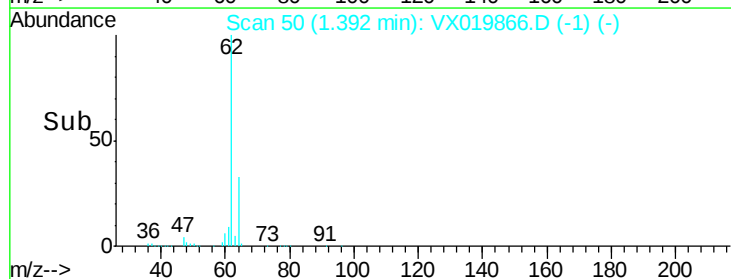
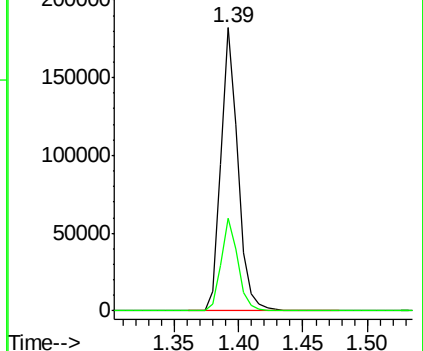
62 100

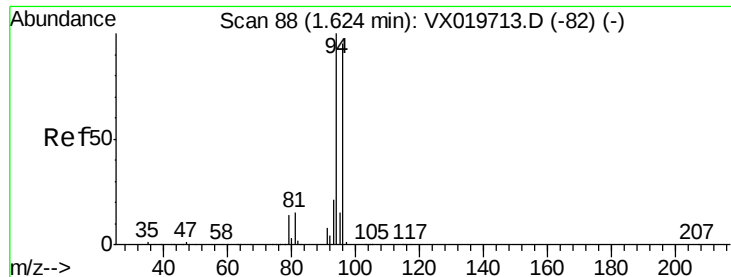
64 32.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.727 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampled :

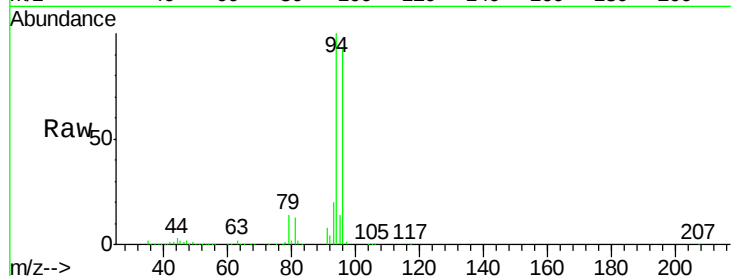
VSTDCCC050

Tgt Ion: 94 Resp: 52950

Ion Ratio Lower Upper

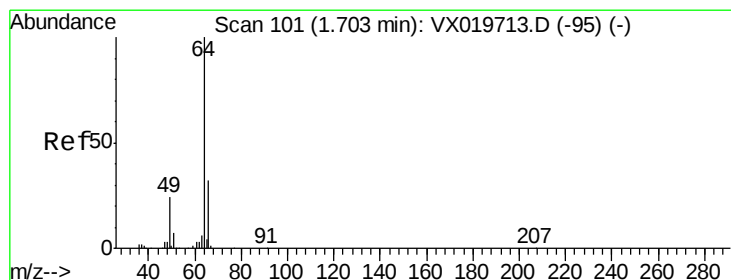
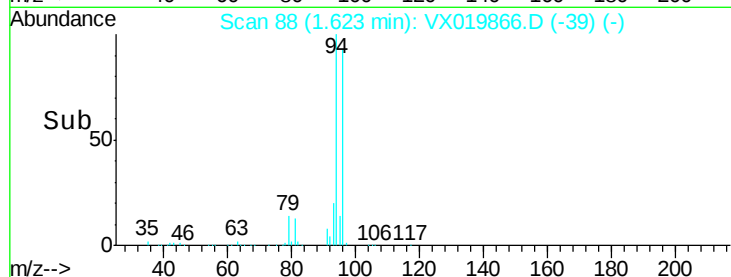
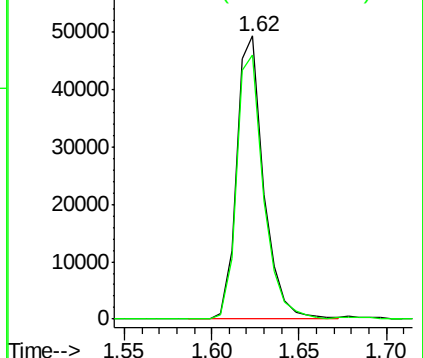
94 100

96 93.5 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.416 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019866.D

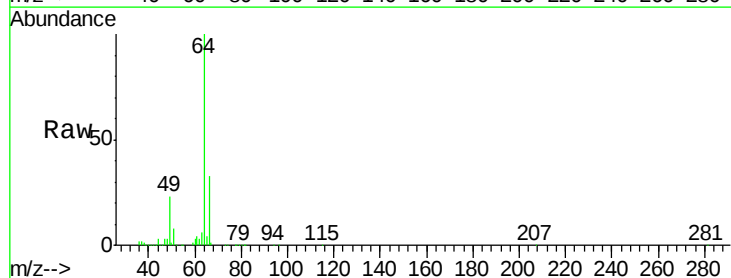
Acq: 11 Dec 2020 09:53

Tgt Ion: 64 Resp: 109222

Ion Ratio Lower Upper

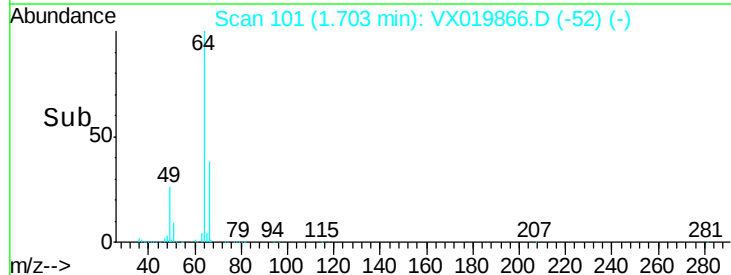
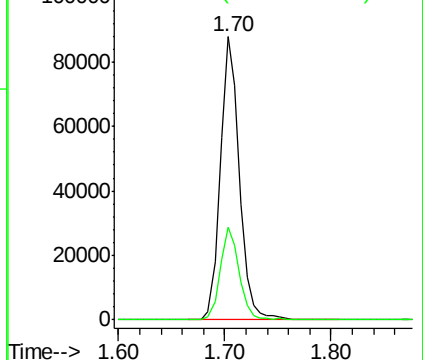
64 100

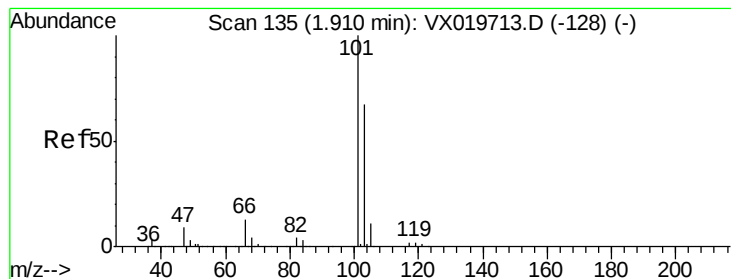
66 32.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



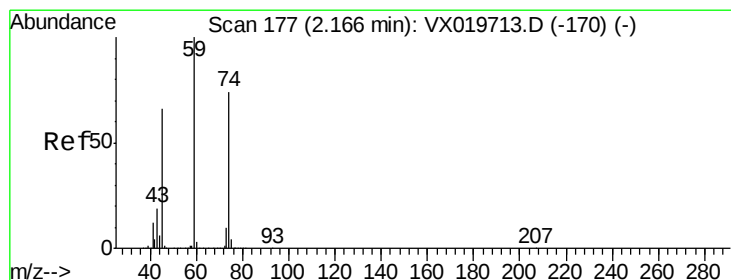
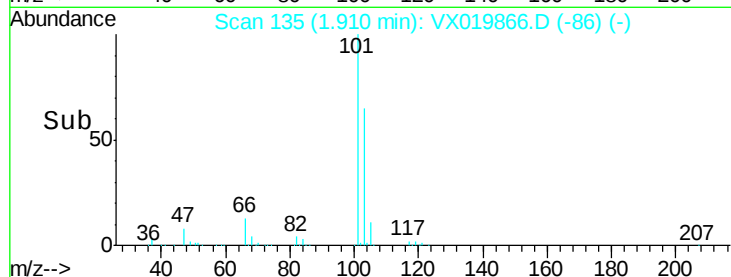
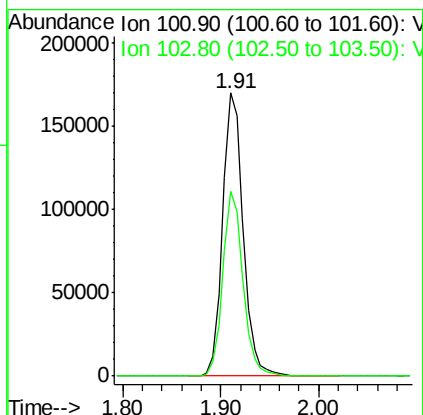
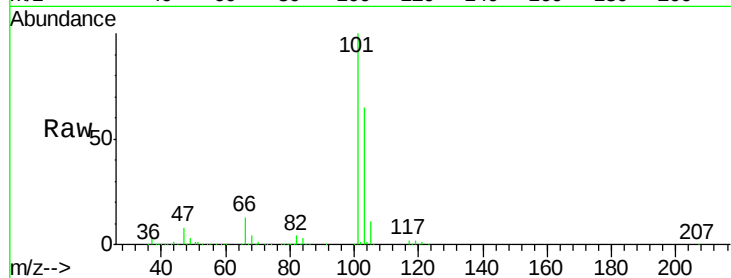


#7

Trichlorofluoromethane
 Concen: 53.135 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

Instrument :
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 ClientSampleId :
 VSTDCCC050

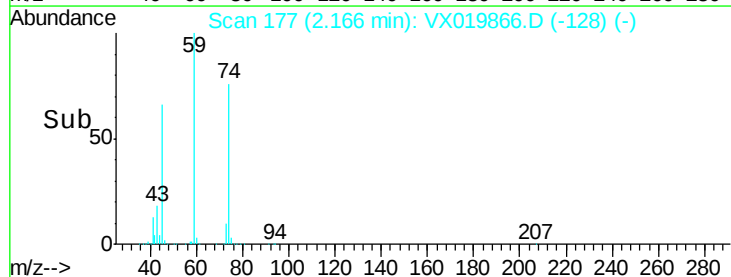
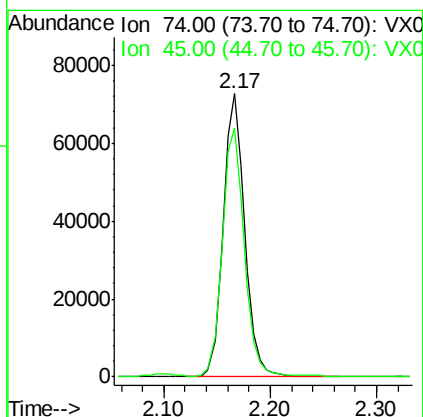
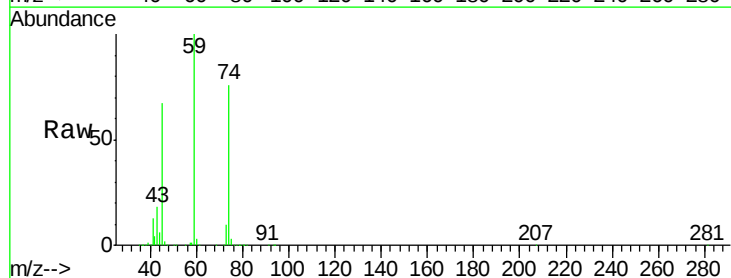
Tgt Ion:101 Resp: 247251
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.2 79.8

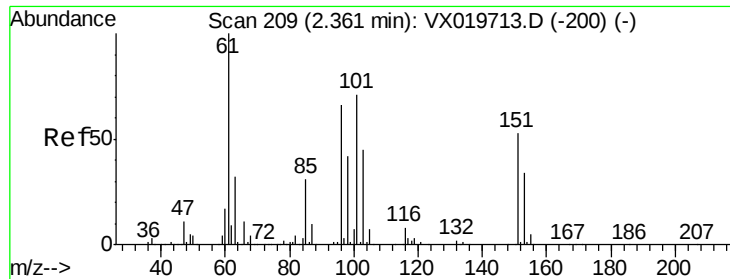


#8

Diethyl Ether
 Concen: 51.920 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

Tgt Ion: 74 Resp: 102380
 Ion Ratio Lower Upper
 74 100
 45 89.1 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.357 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

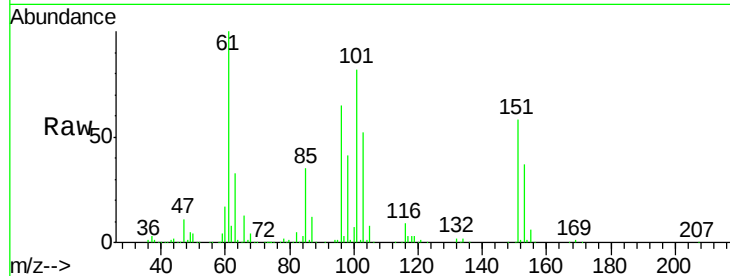
Tgt Ion:101 Resp: 144979

Ion Ratio Lower Upper

101 100

85 43.9 34.9 52.3

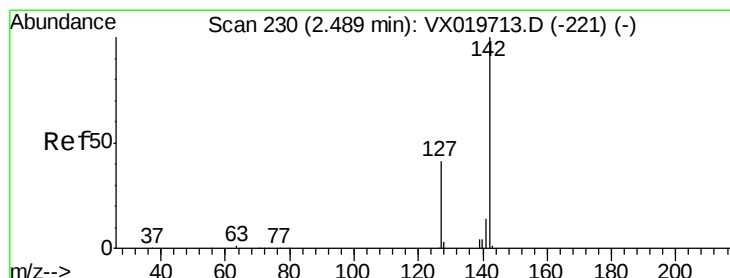
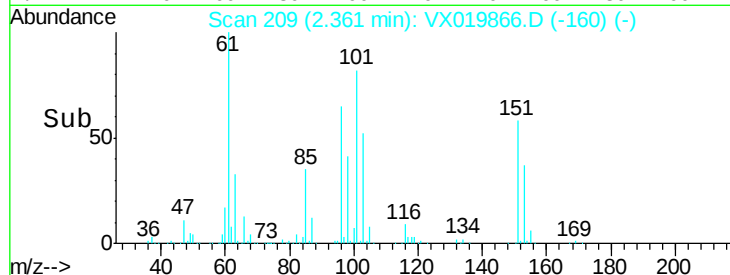
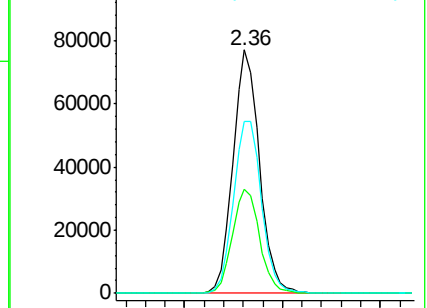
151 75.1 61.4 92.2



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: 47.057 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

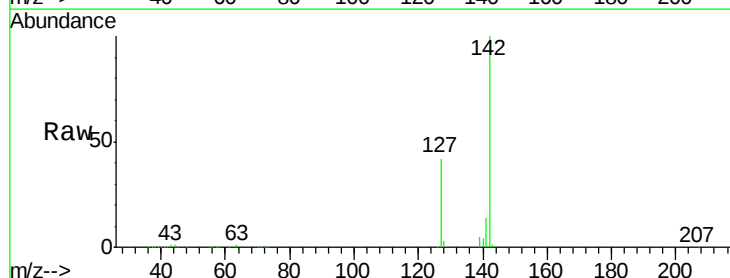
Tgt Ion:142 Resp: 185000

Ion Ratio Lower Upper

142 100

127 41.8 33.3 49.9

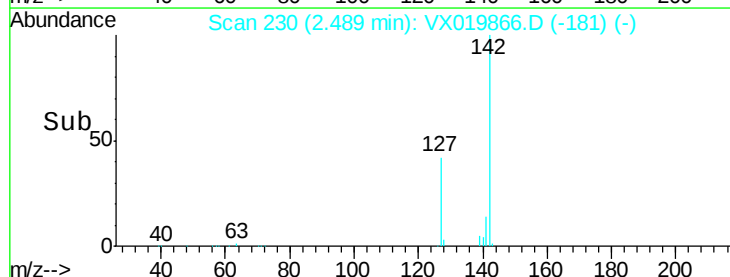
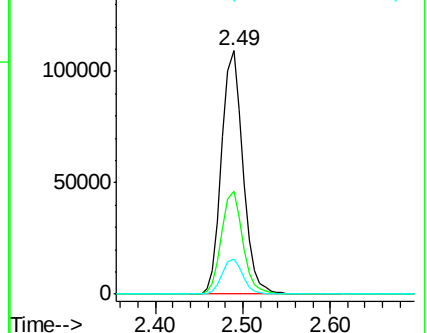
141 14.2 11.4 17.0

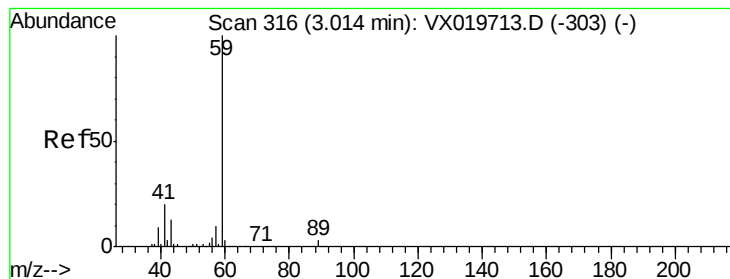


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



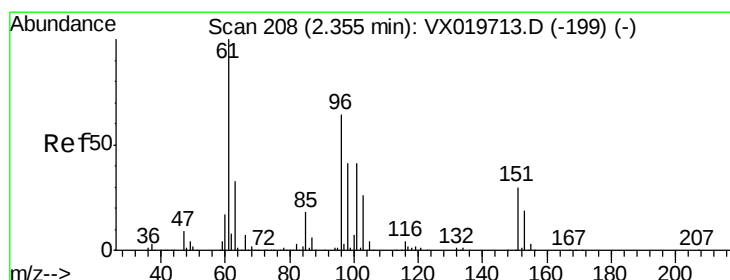
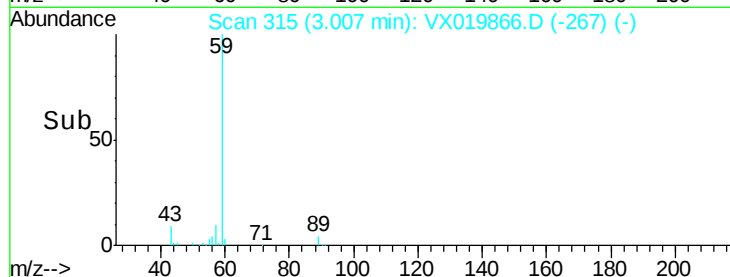
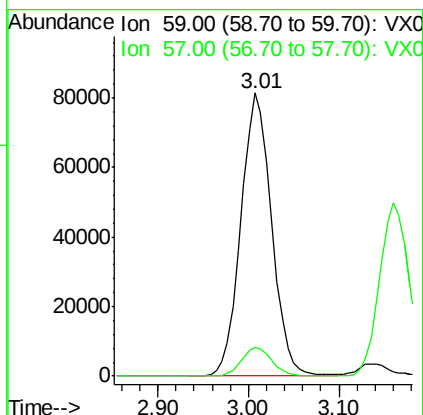
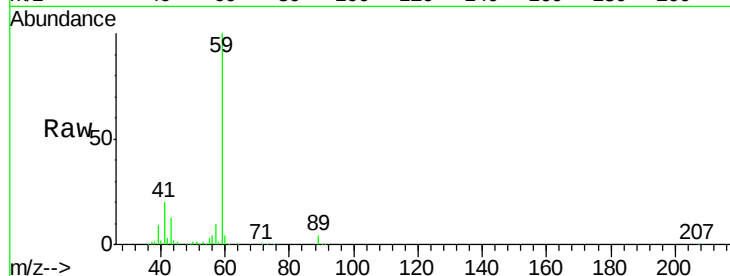


#11

Tert butyl alcohol
Concen: 241.195 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

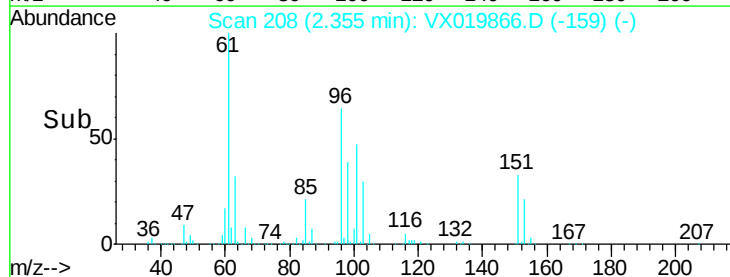
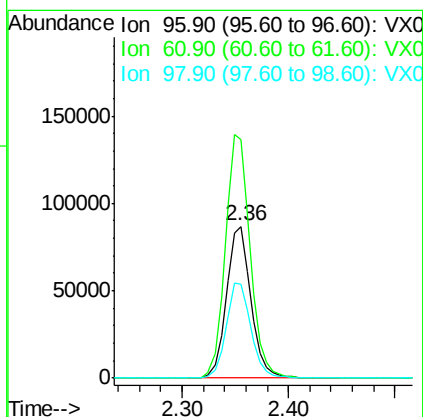
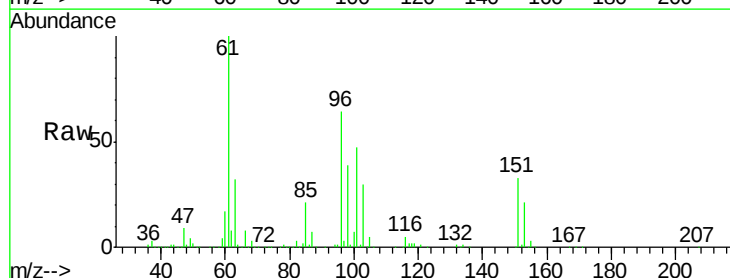
Tgt Ion: 59 Resp: 191872
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8

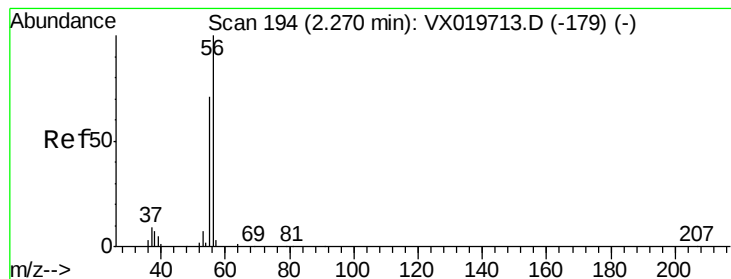


#12

1,1-Dichloroethene
Concen: 51.623 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Tgt Ion: 96 Resp: 139198
Ion Ratio Lower Upper
96 100
61 157.5 124.6 187.0
98 61.9 50.6 76.0





#13

Acrolein

Concen: 191.011 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

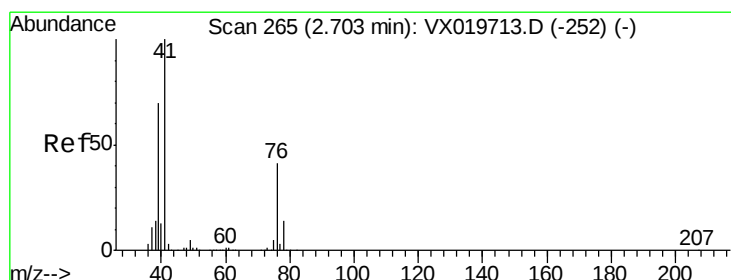
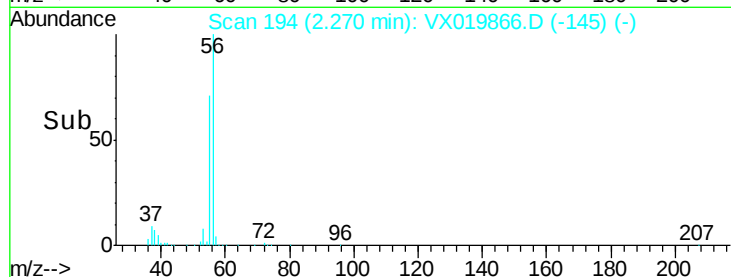
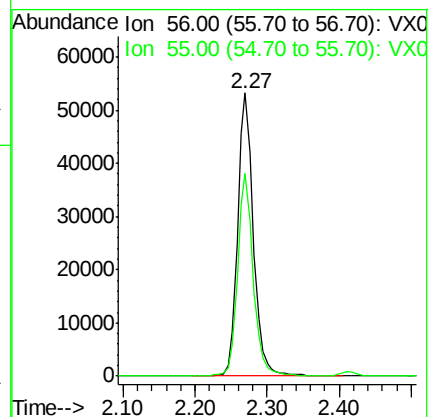
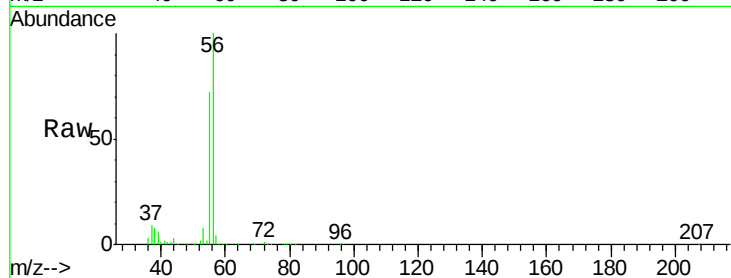
VSTDCCC050

Tgt Ion: 56 Resp: 81553

Ion Ratio Lower Upper

56 100

55 70.5 56.4 84.6



#14

Allyl chloride

Concen: 52.506 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

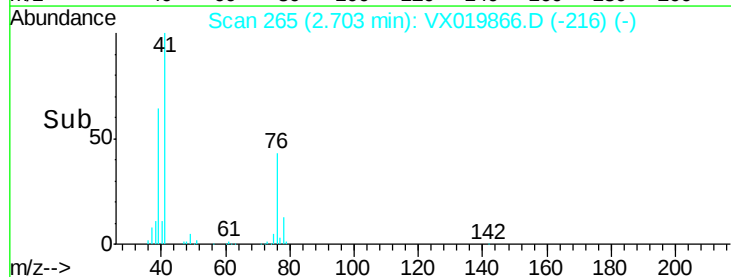
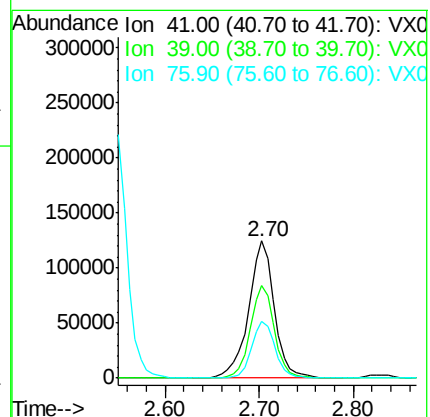
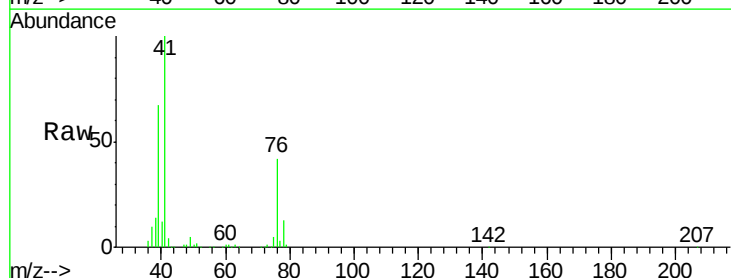
Tgt Ion: 41 Resp: 239115

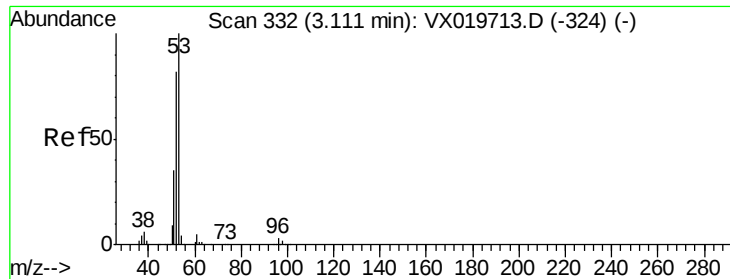
Ion Ratio Lower Upper

41 100

39 63.1 51.6 77.4

76 38.0 30.5 45.7

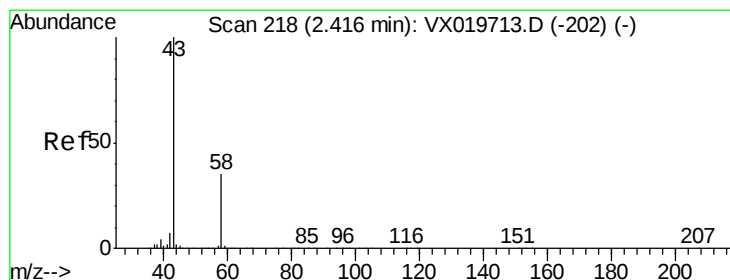
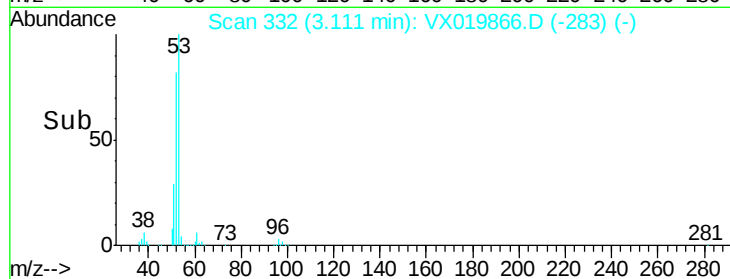
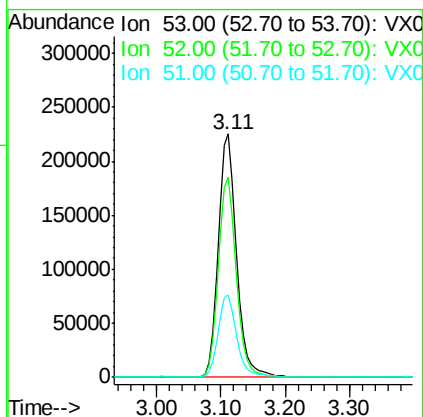
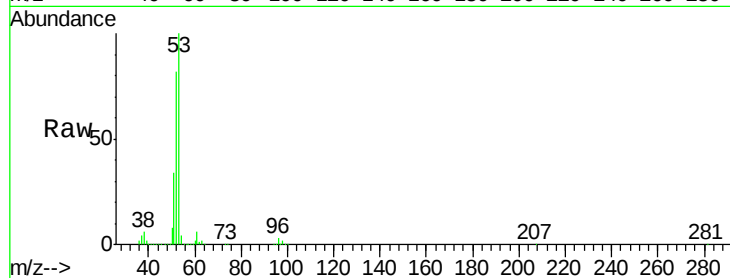




#15
 Acrylonitrile
 Concen: 258.353 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

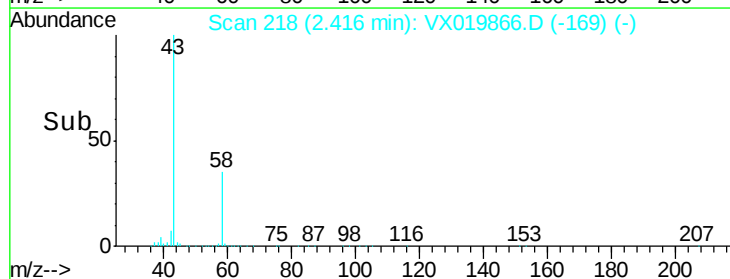
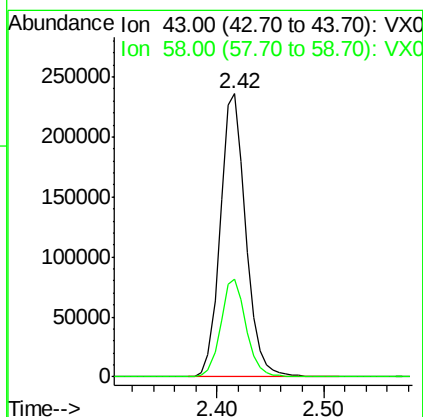
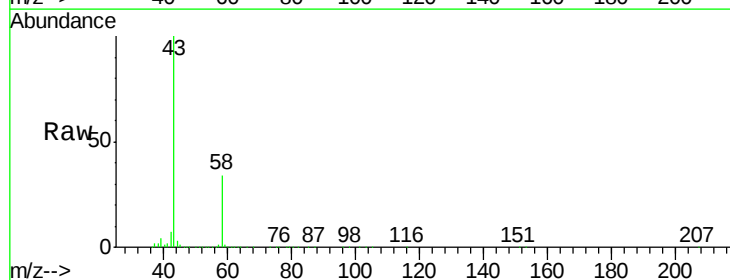
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

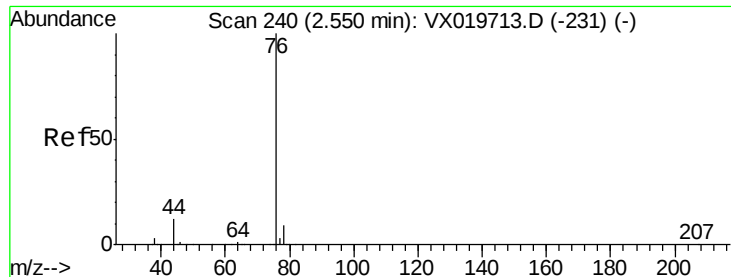
Tgt Ion: 53 Resp: 451761
 Ion Ratio Lower Upper
 53 100
 52 81.7 65.3 97.9
 51 34.9 28.2 42.2



#16
 Acetone
 Concen: 269.169 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

Tgt Ion: 43 Resp: 391341
 Ion Ratio Lower Upper
 43 100
 58 34.5 27.8 41.8





#17

Carbon Disulfide

Concen: 46.712 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

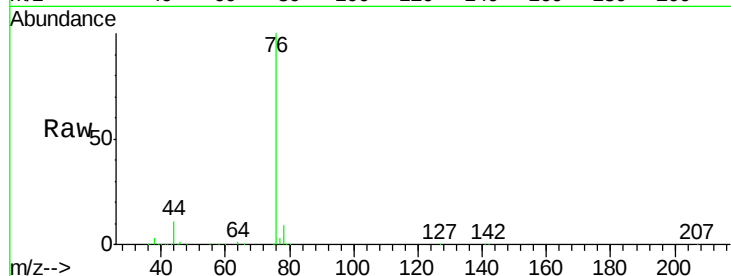
VSTDCCC050

Tgt Ion: 76 Resp: 361411

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

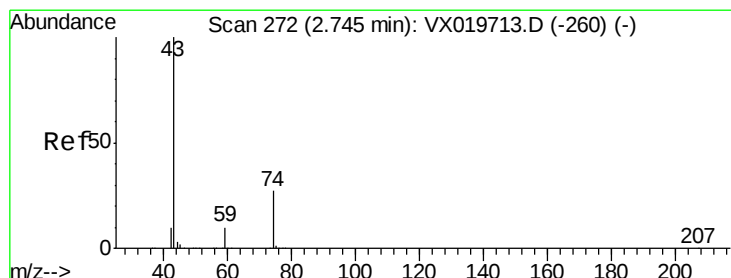
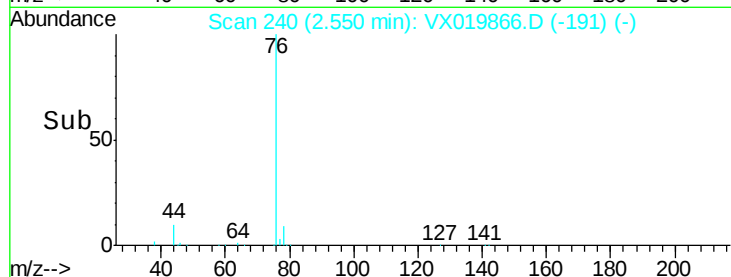
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 54.297 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019866.D

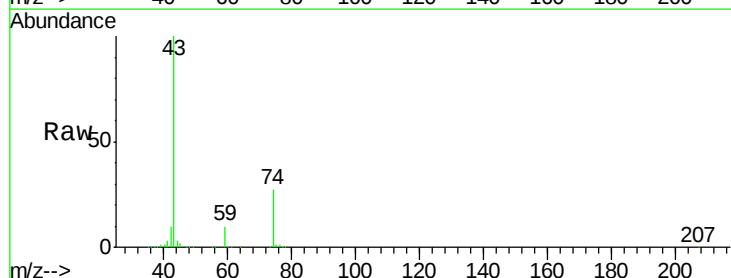
Acq: 11 Dec 2020 09:53

Tgt Ion: 43 Resp: 193179

Ion Ratio Lower Upper

43 100

74 27.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

120000

100000

80000

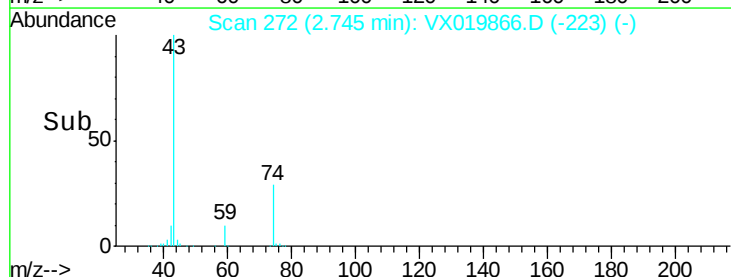
60000

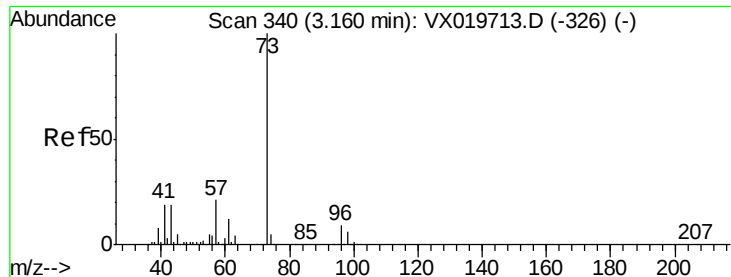
40000

20000

0

Time-->

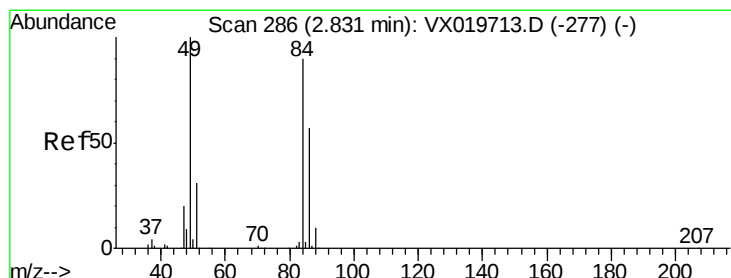
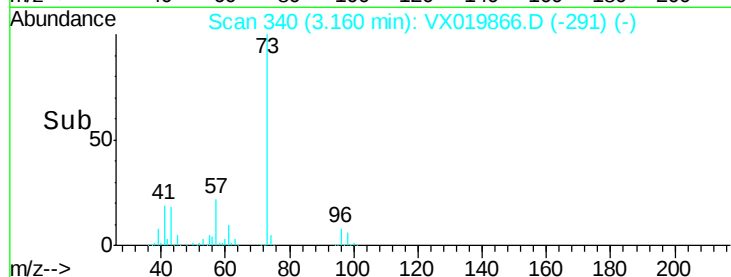
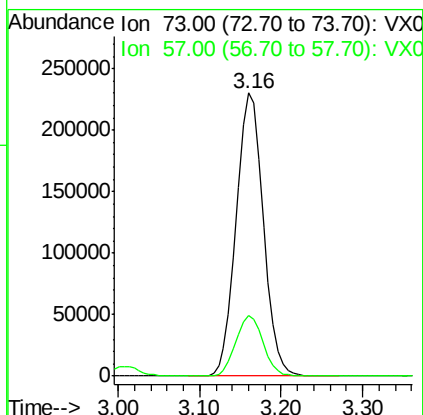
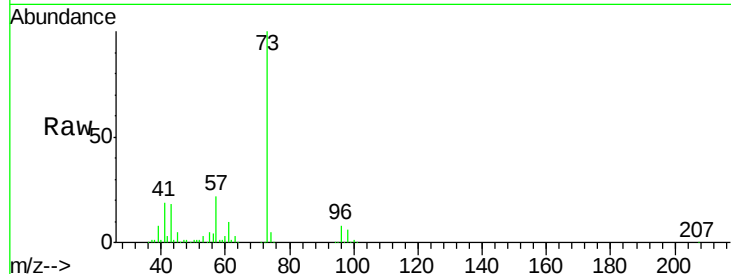




#19
Methyl tert-butyl Ether
Concen: 53.947 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

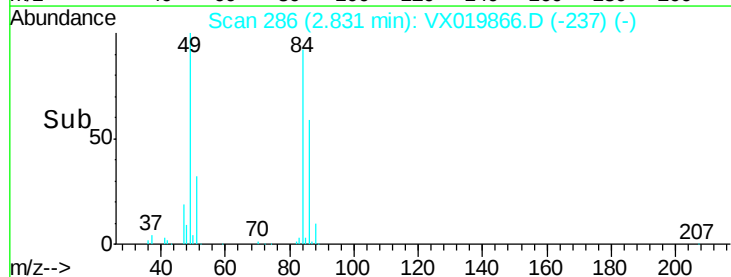
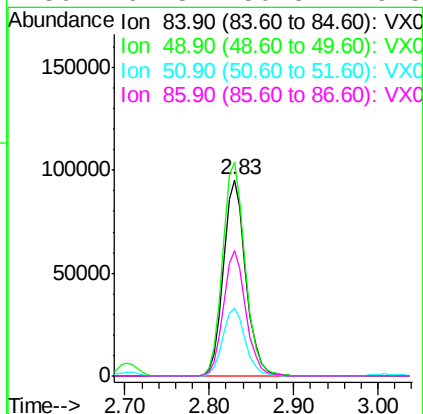
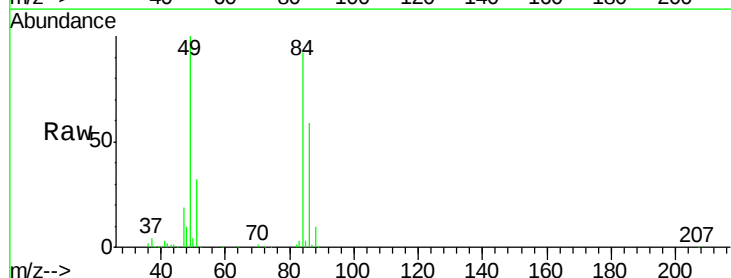
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

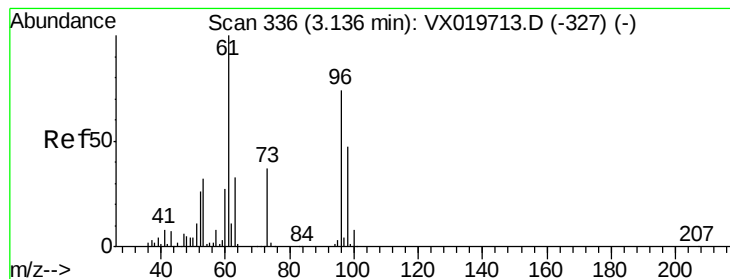
Tgt Ion: 73 Resp: 529759
Ion Ratio Lower Upper
73 100
57 21.6 17.1 25.7



#20
Methylene Chloride
Concen: 52.415 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Tgt Ion: 84 Resp: 173746
Ion Ratio Lower Upper
84 100
49 109.0 88.6 132.8
51 34.6 27.0 40.6
86 64.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 51.653 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

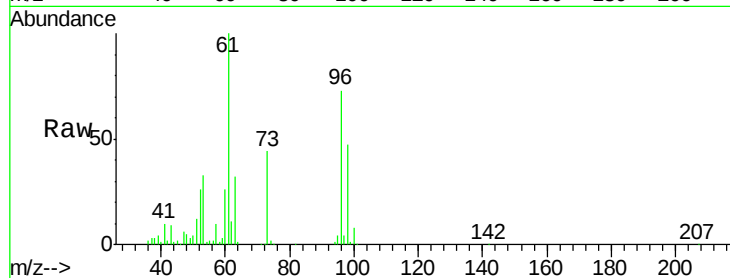
Tgt Ion: 96 Resp: 162381

Ion Ratio Lower Upper

96 100

61 136.4 107.7 161.5

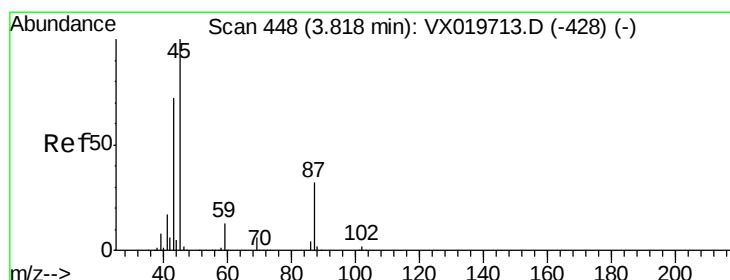
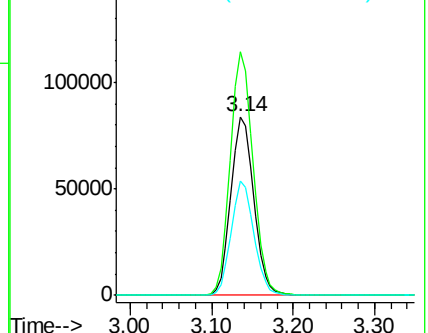
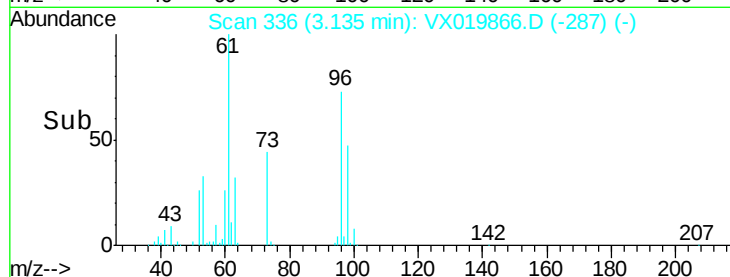
98 64.4 50.4 75.6



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: 54.347 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Tgt Ion: 45 Resp: 500410

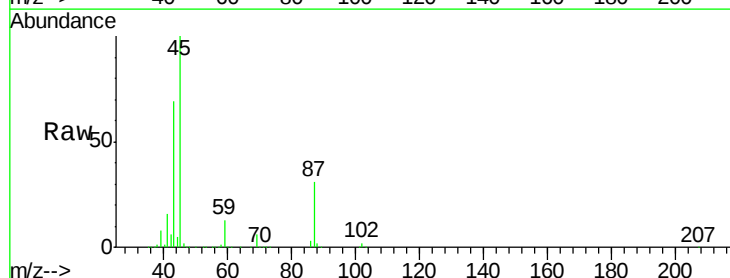
Ion Ratio Lower Upper

45 100

43 68.4 58.0 87.0

87 31.2 25.4 38.0

59 13.0 10.2 15.2

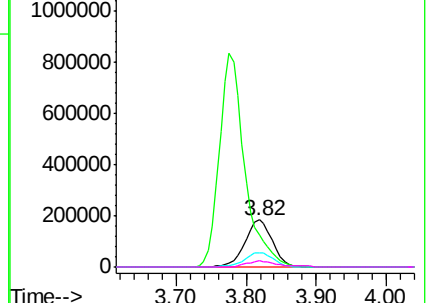
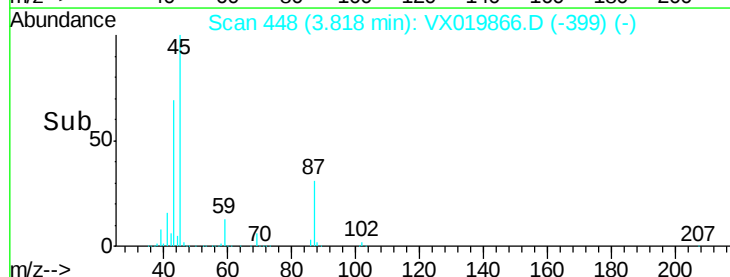


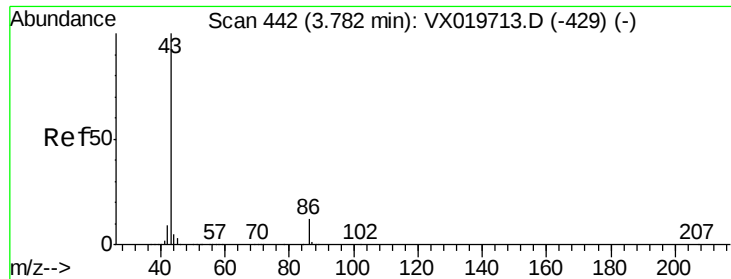
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 270.121 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

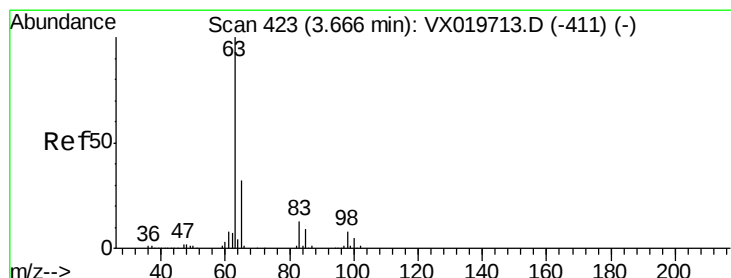
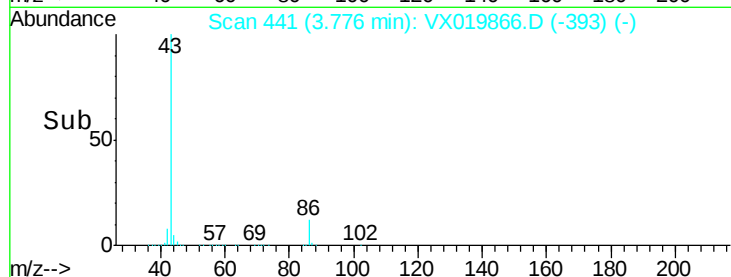
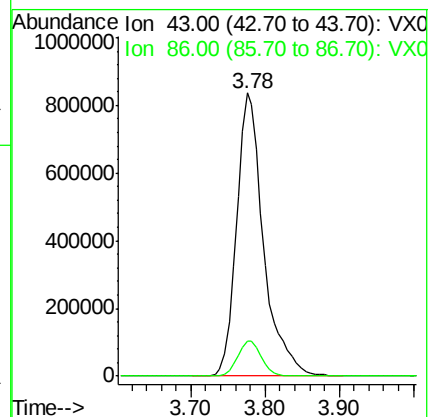
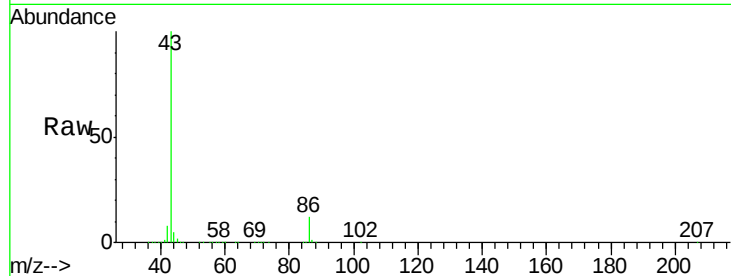
VSTDCCC050

Tgt Ion: 43 Resp: 2118970

Ion Ratio Lower Upper

43 100

86 12.3 9.9 14.9



#24

1,1-Dichloroethane

Concen: 53.268 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

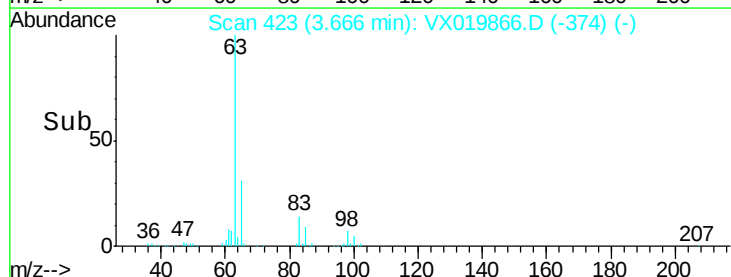
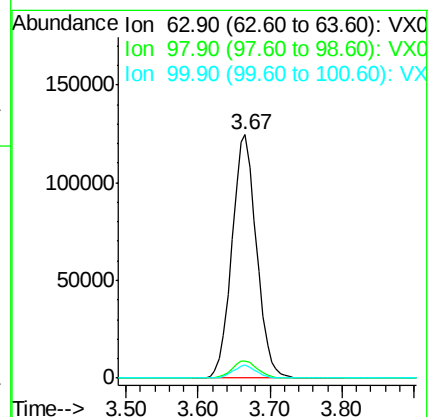
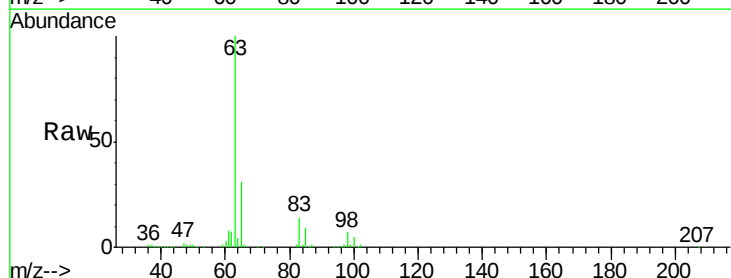
Tgt Ion: 63 Resp: 295768

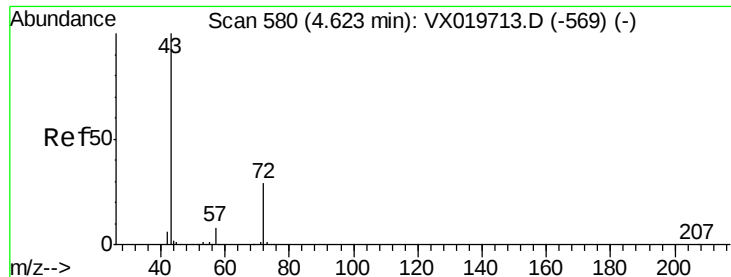
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

100 5.2 2.5 7.5





#25

2-Butanone

Concen: 264.198 ug/l

RT: 4.62 min Scan# 580

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

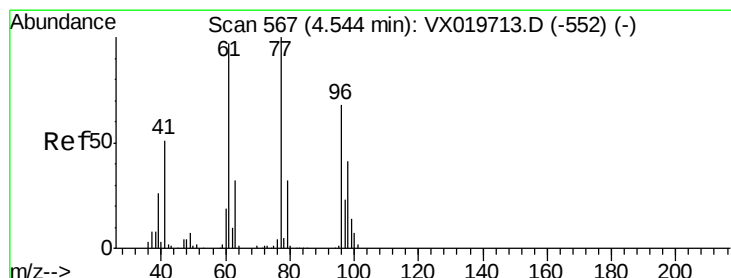
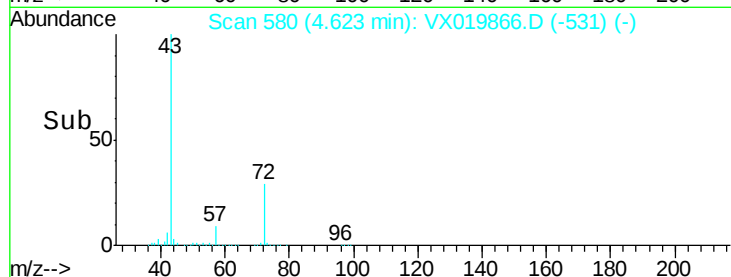
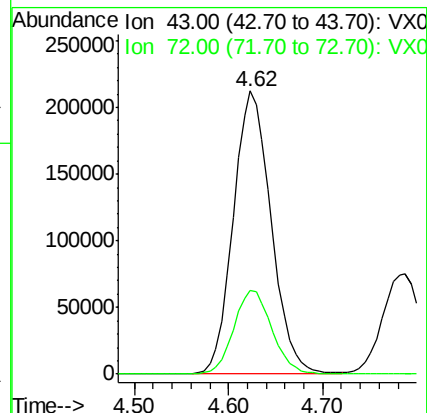
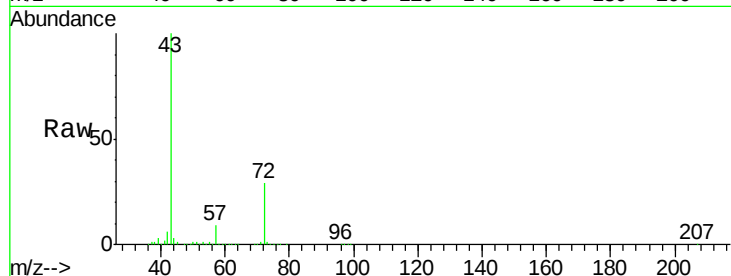
VSTDCCC050

Tgt Ion: 43 Resp: 590230

Ion Ratio Lower Upper

43 100

72 29.4 23.7 35.5



#26

2,2-Dichloropropane

Concen: 53.755 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019866.D

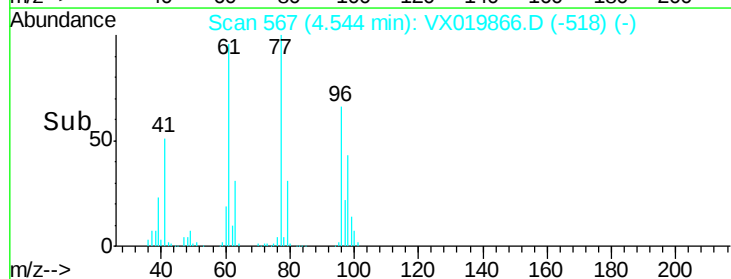
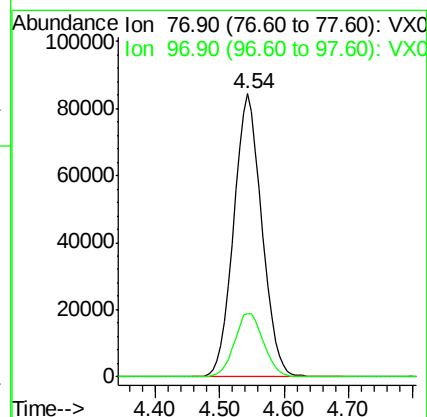
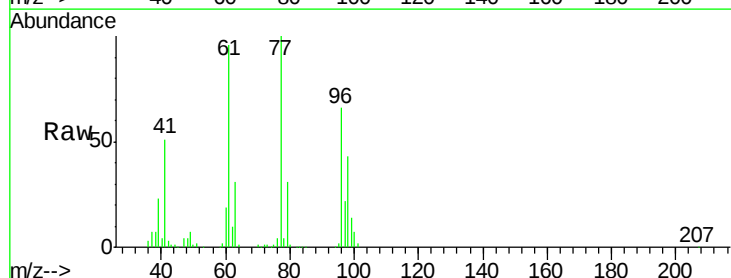
Acq: 11 Dec 2020 09:53

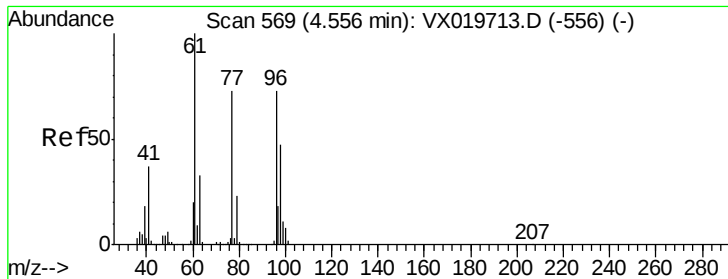
Tgt Ion: 77 Resp: 257037

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.1



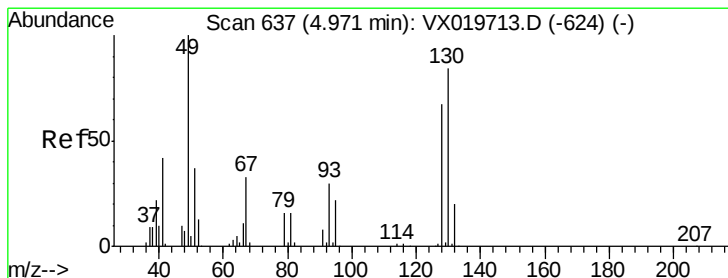
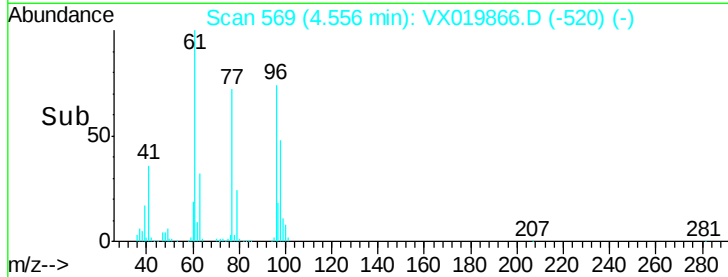
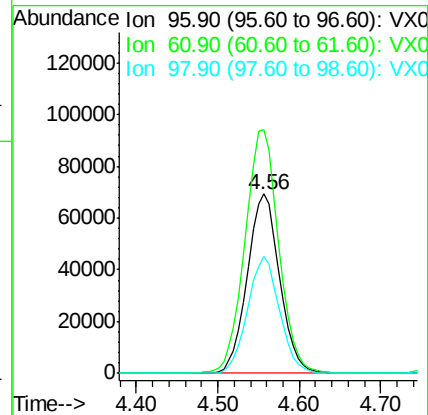
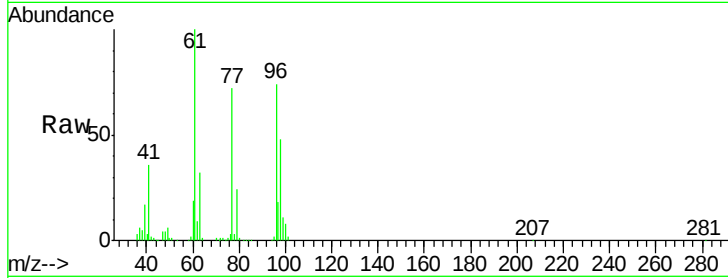


#27

cis-1,2-Dichloroethene
Concen: 51.962 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

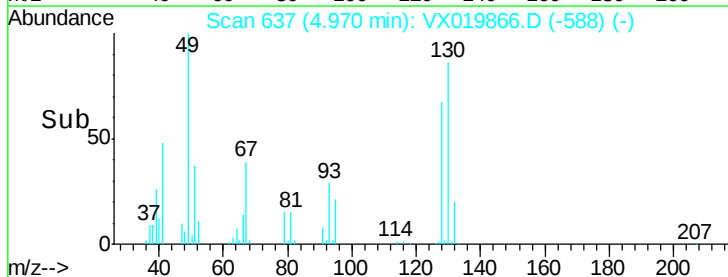
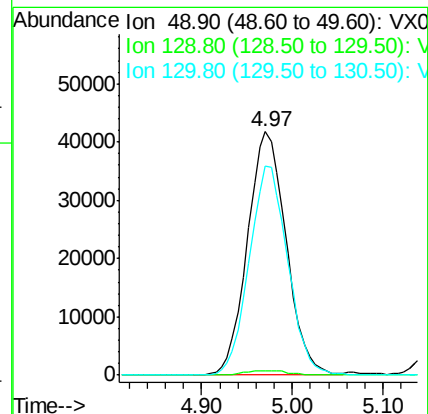
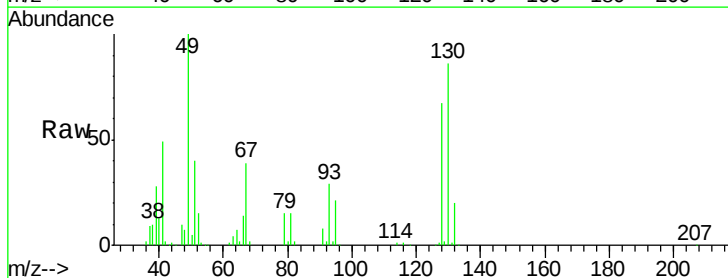
Tgt Ion: 96 Resp: 191165
Ion Ratio Lower Upper
96 100
61 142.4 0.0 285.6
98 64.4 0.0 129.6

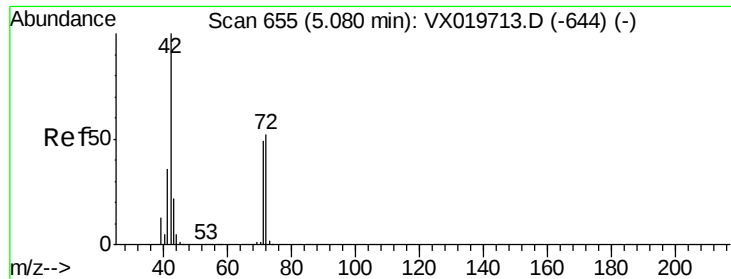


#28

Bromochloromethane
Concen: 46.708 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Tgt Ion: 49 Resp: 123632
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 85.3 68.2 102.2

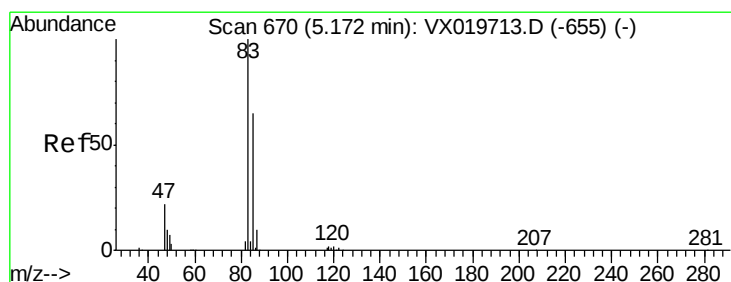
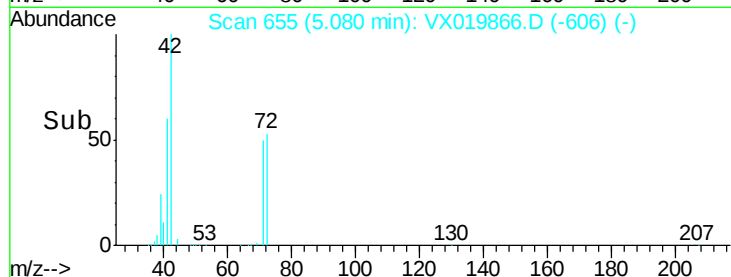
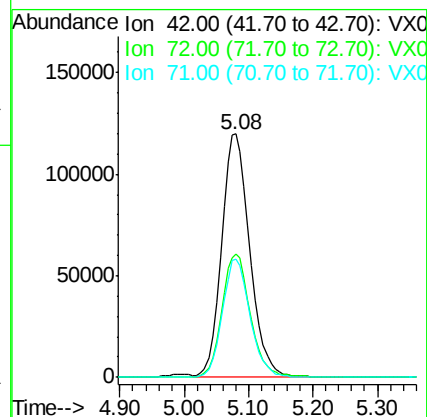
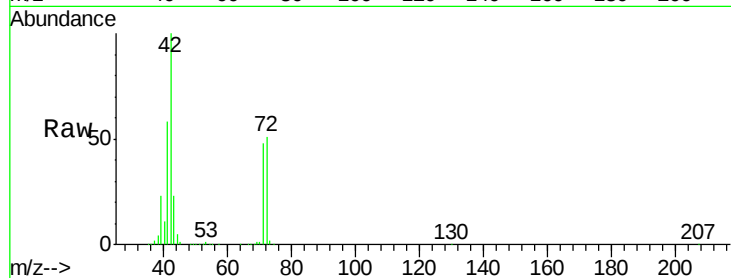




#29
Tetrahydrofuran
Concen: 255.630 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

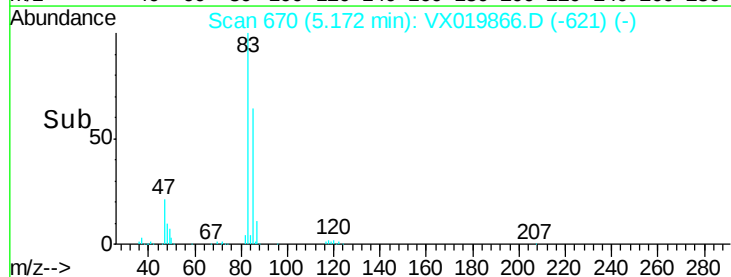
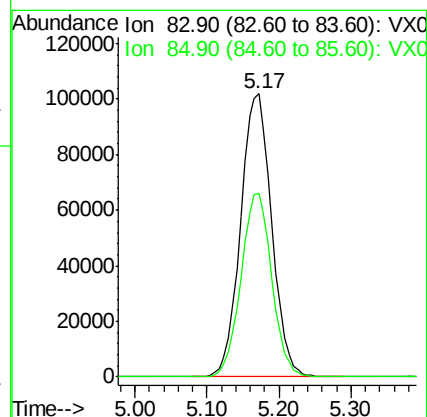
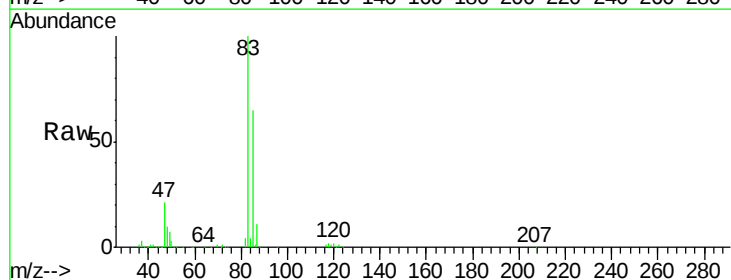
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

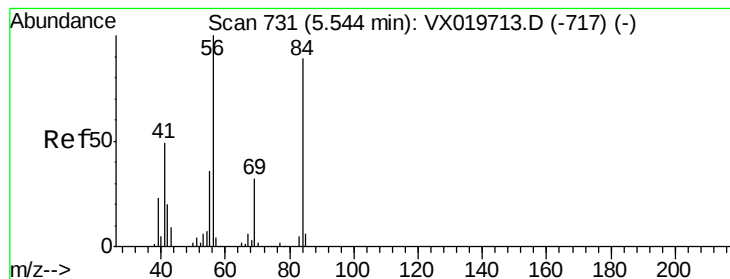
Tgt Ion: 42 Resp: 367945
Ion Ratio Lower Upper
42 100
72 51.3 41.7 62.5
71 47.9 38.4 57.6



#30
Chloroform
Concen: 53.355 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Tgt Ion: 83 Resp: 304615
Ion Ratio Lower Upper
83 100
85 64.9 52.0 78.0





#31

Cyclohexane

Concen: 53.507 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

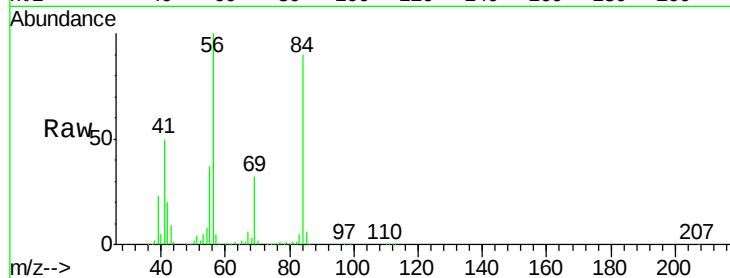
Tgt Ion: 56 Resp: 257450

Ion Ratio Lower Upper

56 100

69 31.6 25.3 37.9

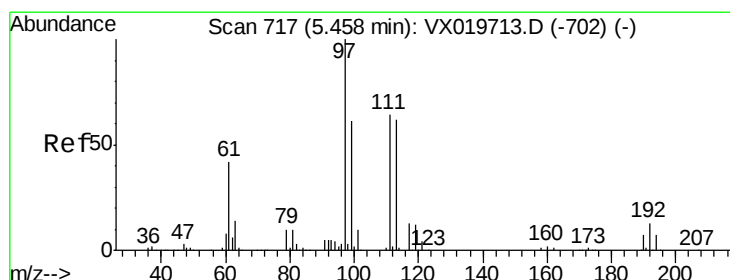
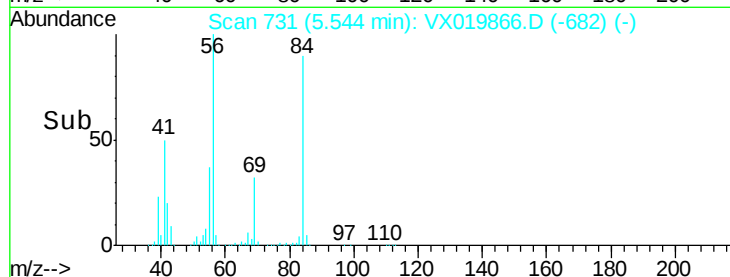
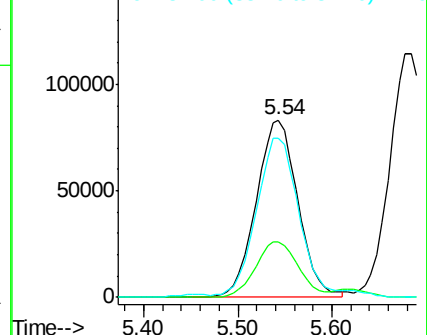
84 88.5 71.4 107.0



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: 53.156 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

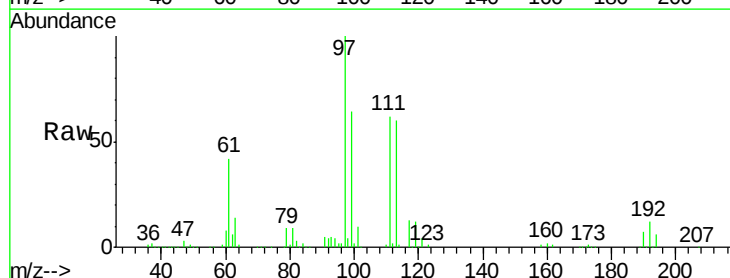
Tgt Ion: 97 Resp: 261352

Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

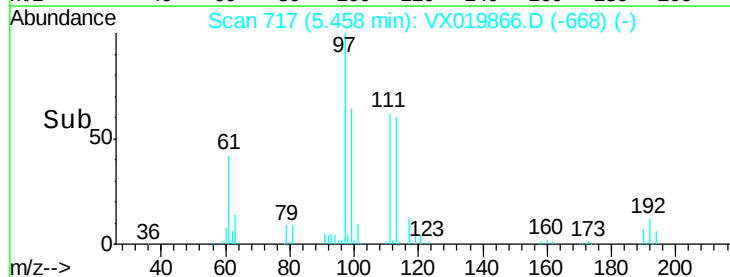
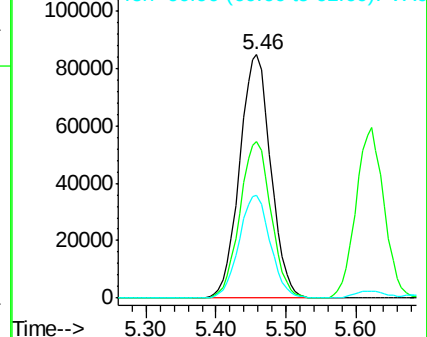
61 42.4 34.2 51.4

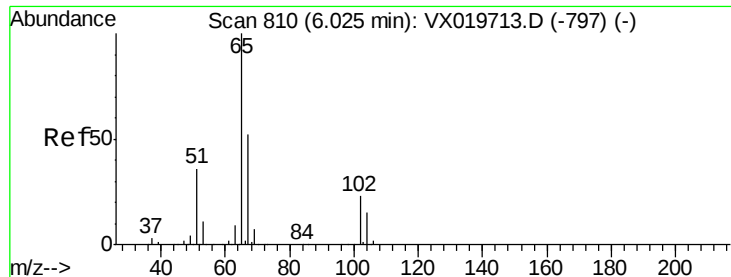


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

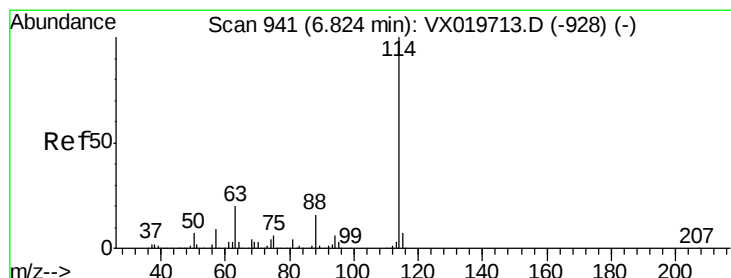
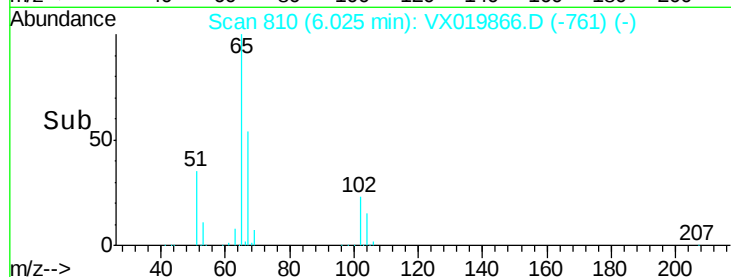
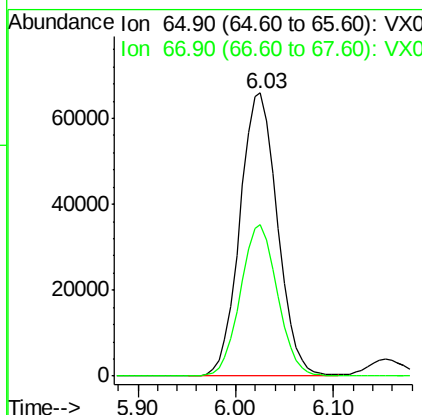
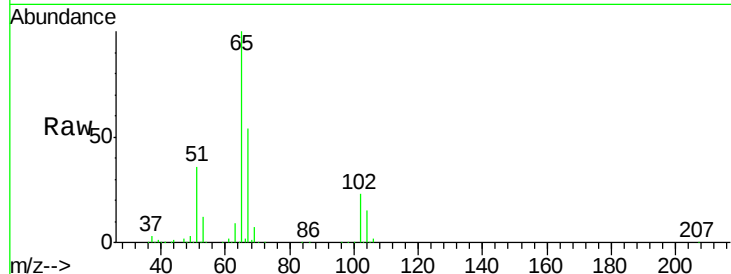




#33
 1,2-Dichloroethane-d4
 Concen: 45.392 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

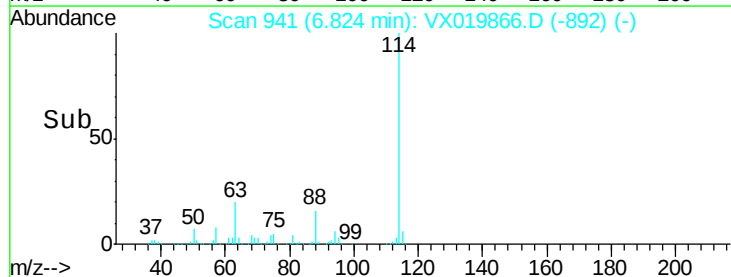
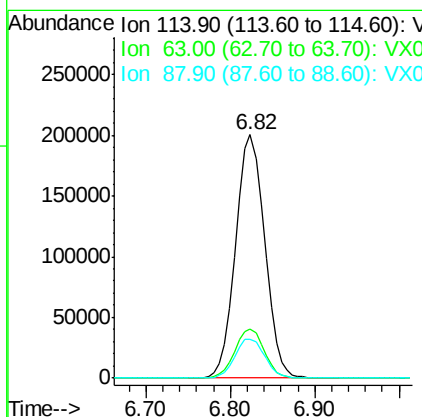
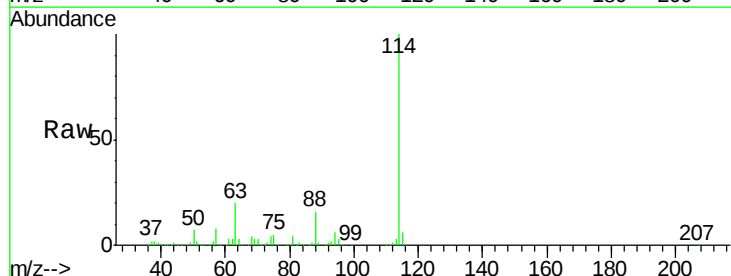
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

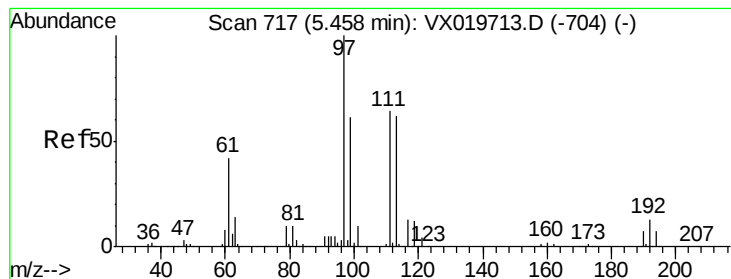
Tgt Ion: 65 Resp: 175575
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

Tgt Ion: 114 Resp: 467491
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.458 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

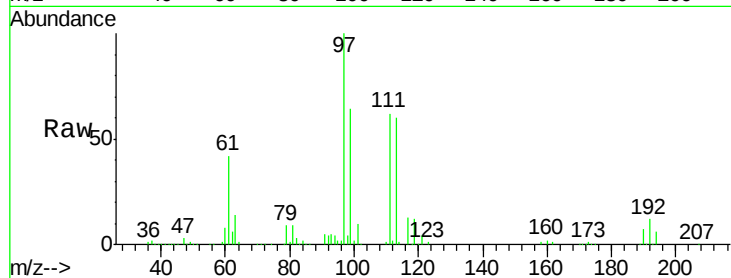
Tgt Ion:113 Resp: 143386

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

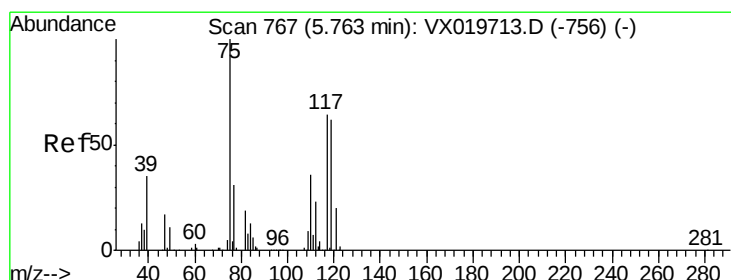
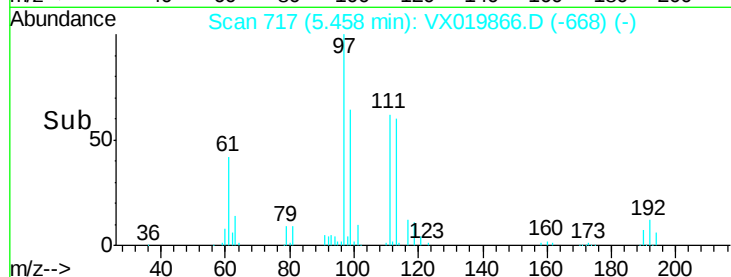
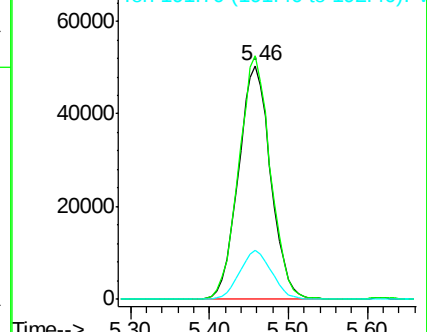
192 20.8 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.811 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

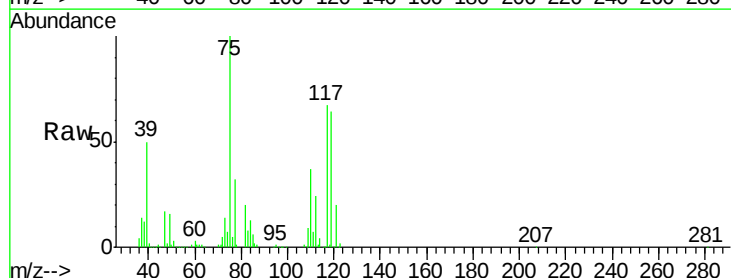
Tgt Ion: 75 Resp: 227318

Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.4

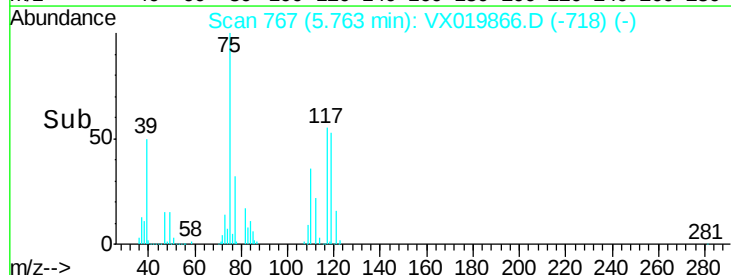
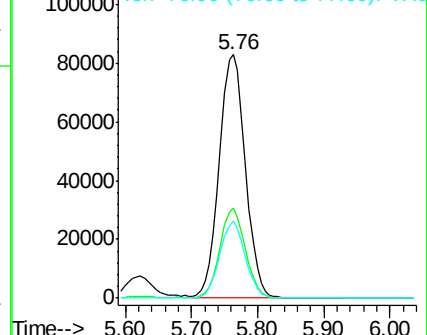
77 30.8 25.3 37.9

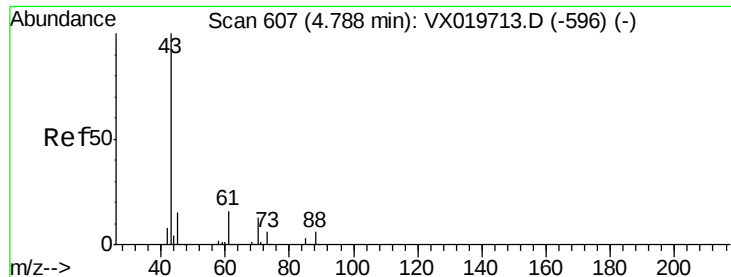


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

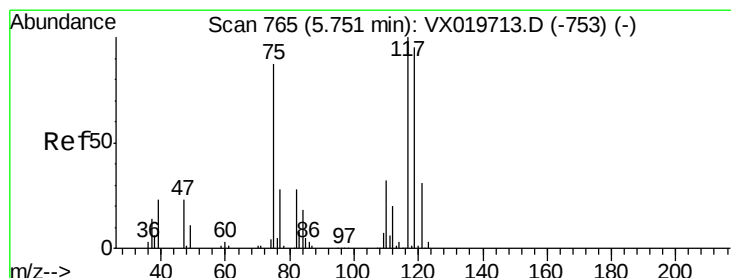
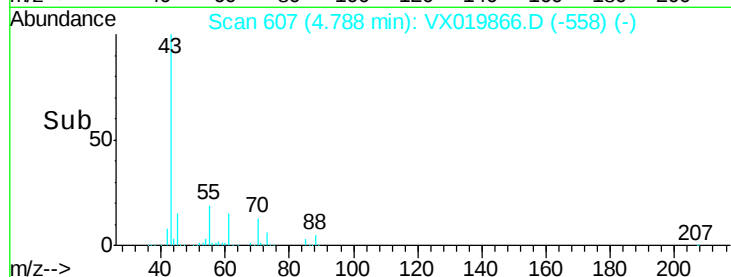
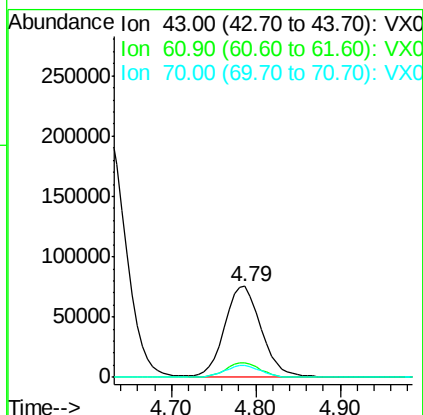
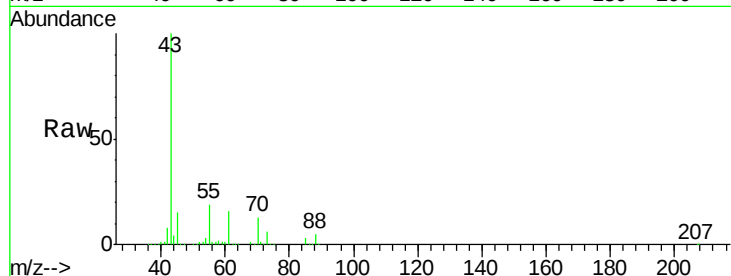




#37
Ethyl Acetate
Concen: 52.007 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

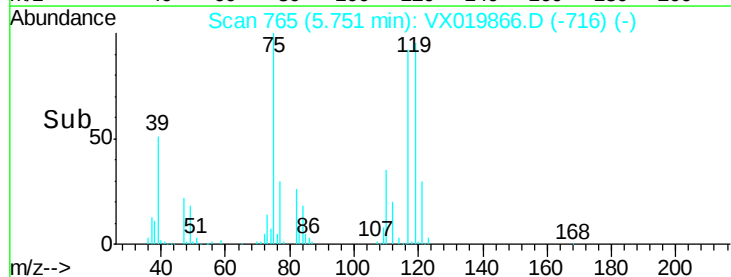
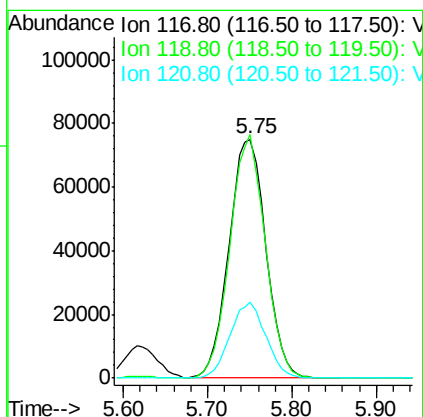
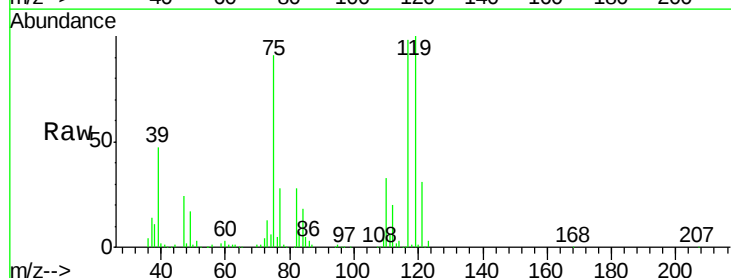
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

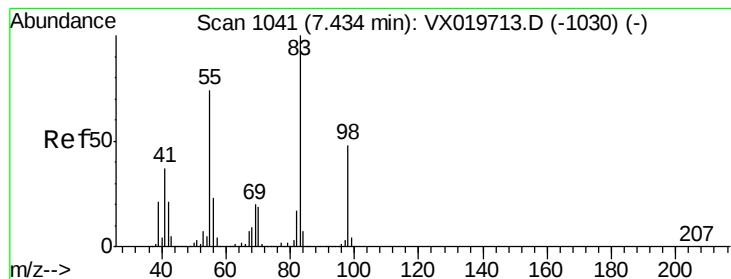
Tgt Ion: 43 Resp: 221821
Ion Ratio Lower Upper
43 100
61 15.8 12.8 19.2
70 13.1 10.5 15.7



#38
Carbon Tetrachloride
Concen: 53.954 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Tgt Ion: 117 Resp: 223197
Ion Ratio Lower Upper
117 100
119 101.9 76.2 114.2
121 31.9 24.8 37.2





#39

Methylcyclohexane

Concen: 55.997 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

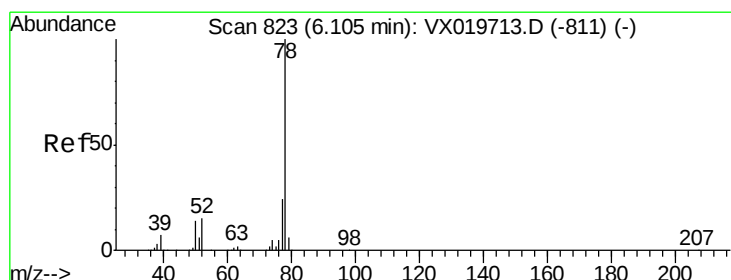
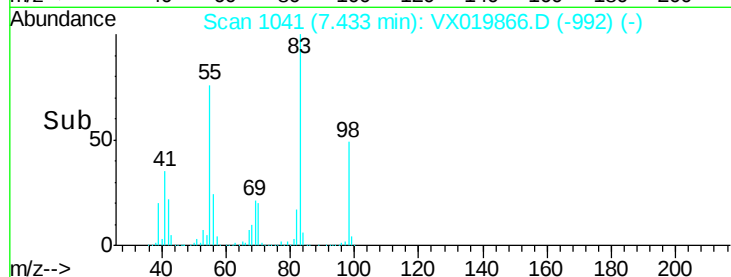
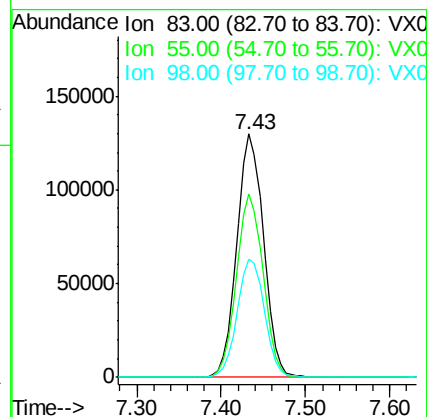
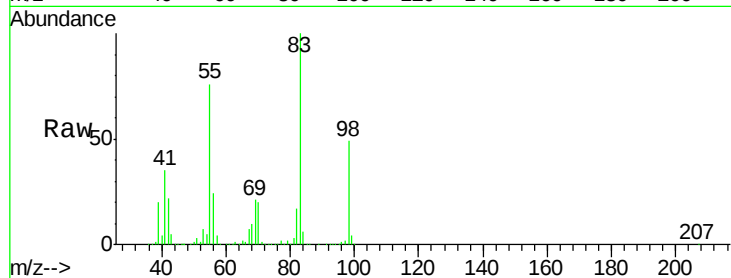
Tgt Ion: 83 Resp: 277922

Ion Ratio Lower Upper

83 100

55 75.6 58.9 88.3

98 48.6 38.1 57.1



#40

Benzene

Concen: 53.232 ug/l

RT: 6.10 min Scan# 823

Delta R.T. -0.00 min

Lab File: VX019866.D

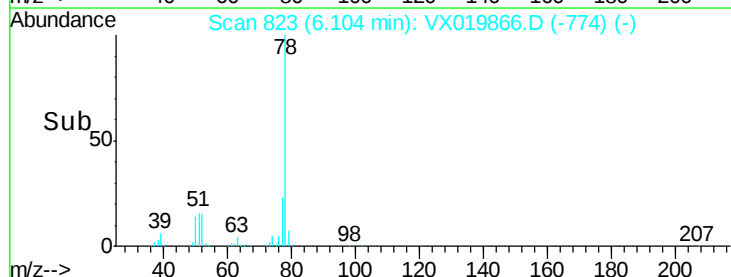
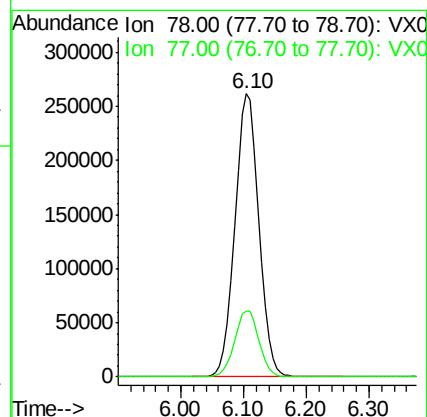
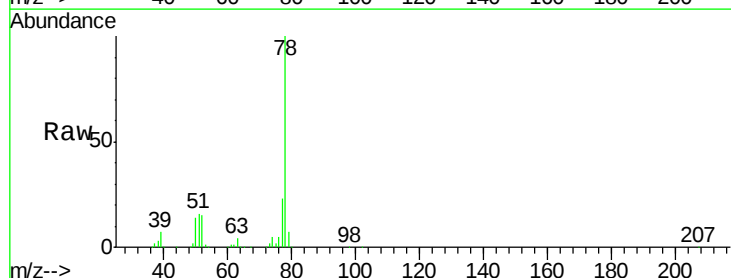
Acq: 11 Dec 2020 09:53

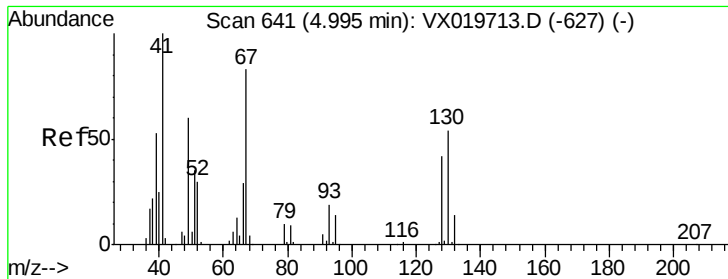
Tgt Ion: 78 Resp: 686925

Ion Ratio Lower Upper

78 100

77 23.3 18.9 28.3





#41

Methacrylonitrile

Concen: 51.552 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 120725

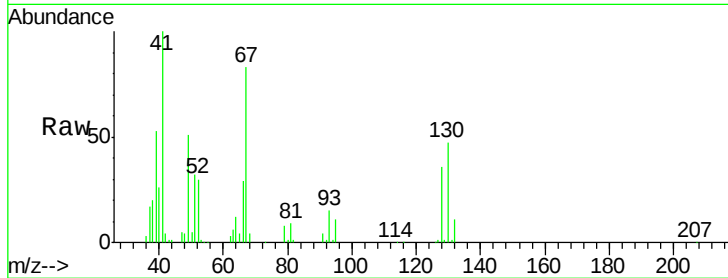
Ion Ratio Lower Upper

41 100

39 55.1 42.5 63.7

67 83.7 65.0 97.6

52 32.3 25.3 37.9

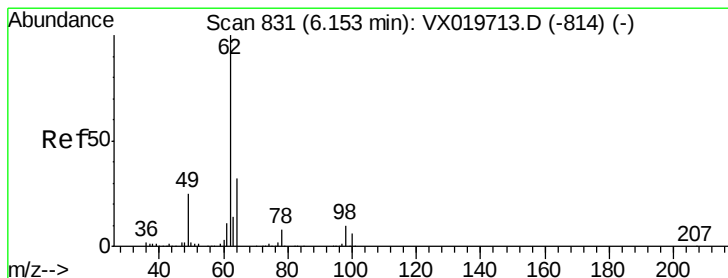
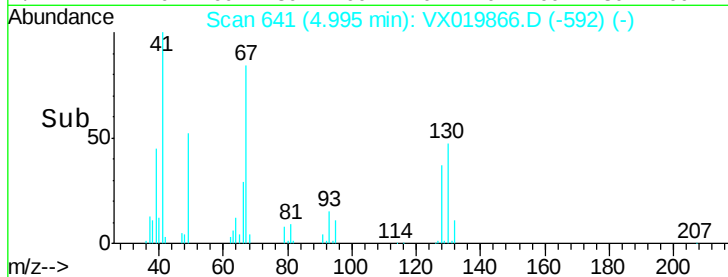
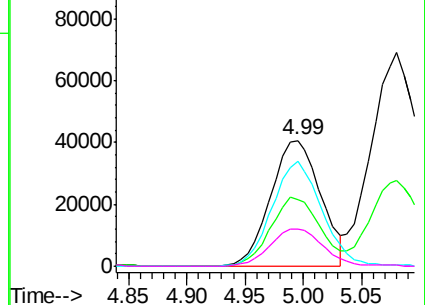


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.582 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.00 min

Lab File: VX019866.D

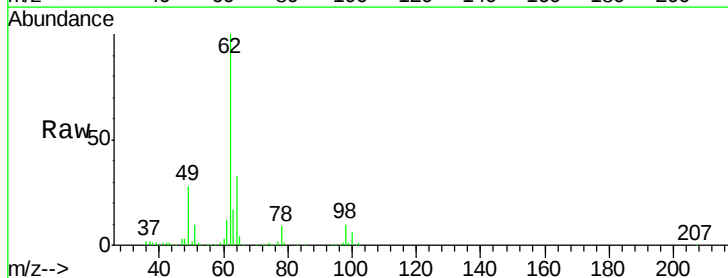
Acq: 11 Dec 2020 09:53

Tgt Ion: 62 Resp: 236244

Ion Ratio Lower Upper

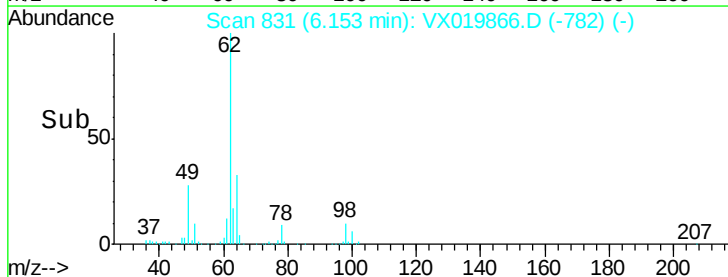
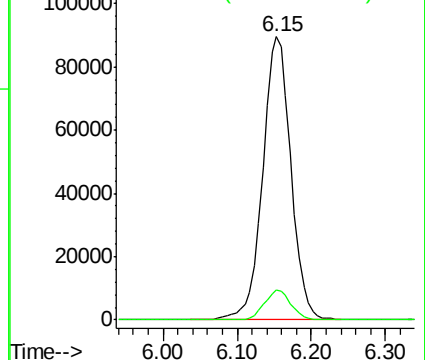
62 100

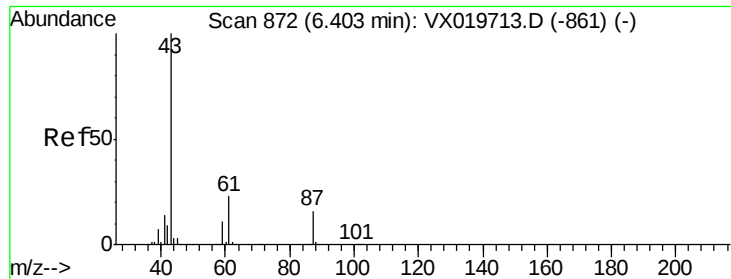
98 9.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.735 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

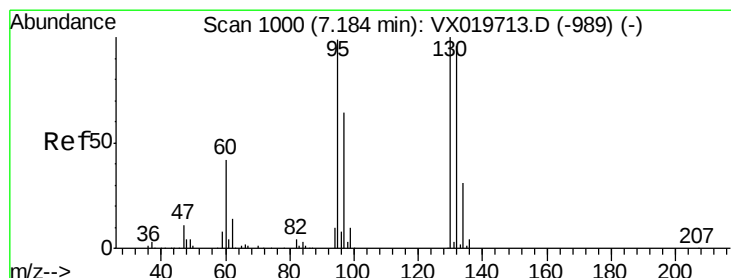
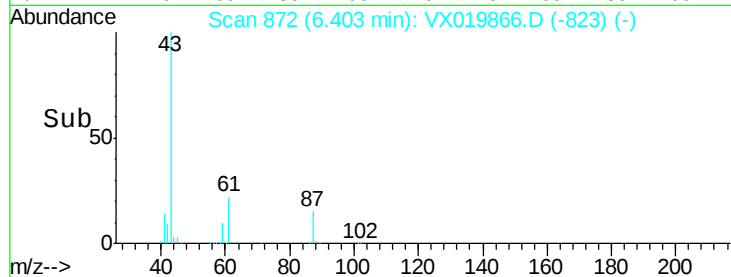
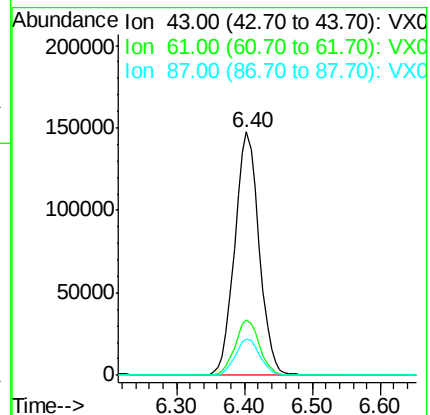
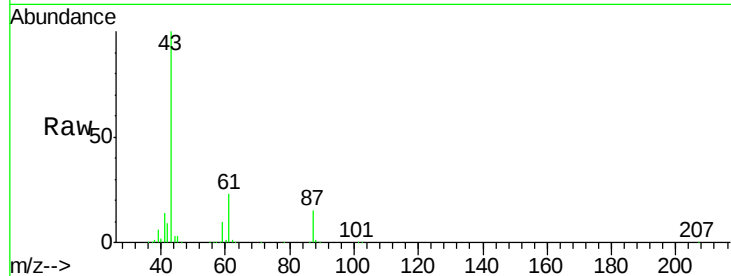
Tgt Ion: 43 Resp: 365688

Ion Ratio Lower Upper

43 100

61 23.0 18.2 27.4

87 15.3 12.5 18.7



#44

Trichloroethene

Concen: 53.101 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019866.D

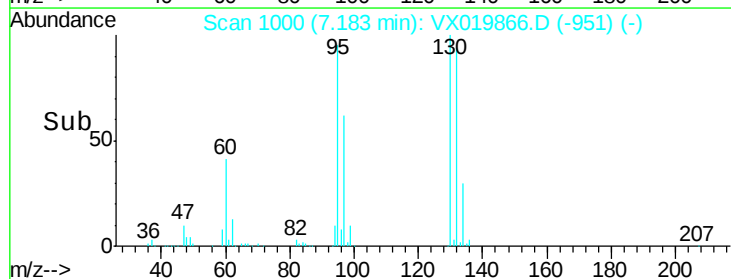
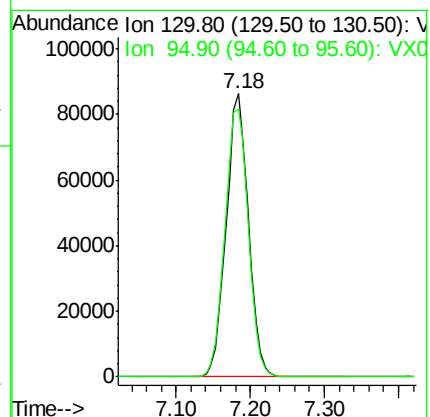
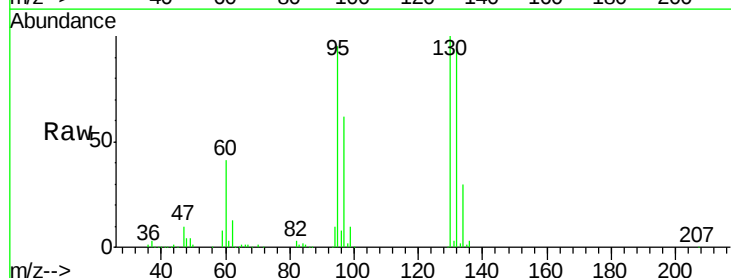
Acq: 11 Dec 2020 09:53

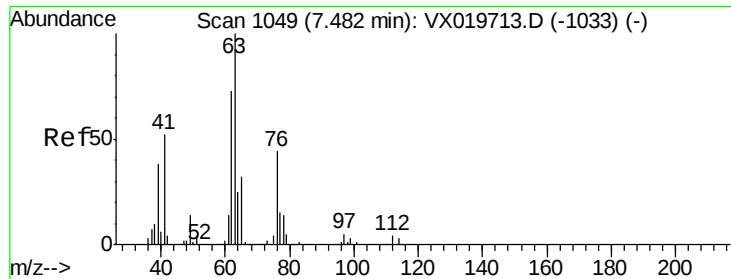
Tgt Ion: 130 Resp: 179787

Ion Ratio Lower Upper

130 100

95 94.9 0.0 198.0

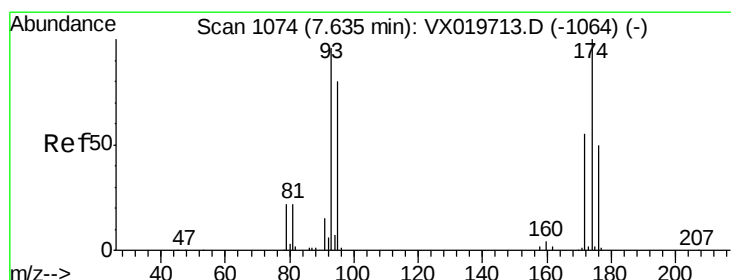
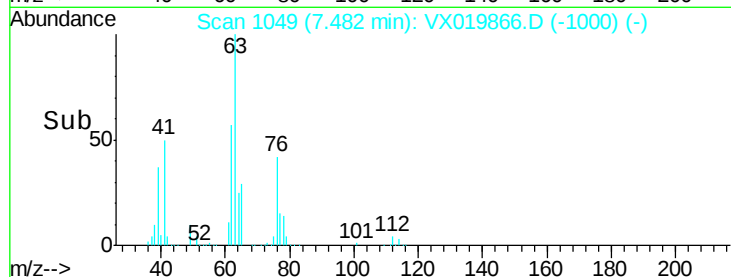
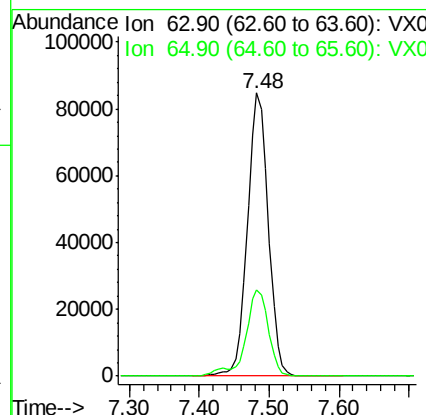
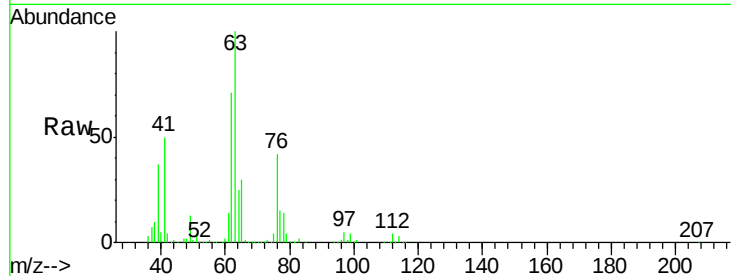




#45
 1,2-Dichloropropane
 Concen: 54.340 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

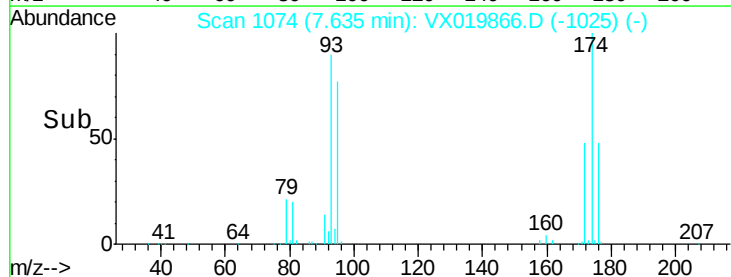
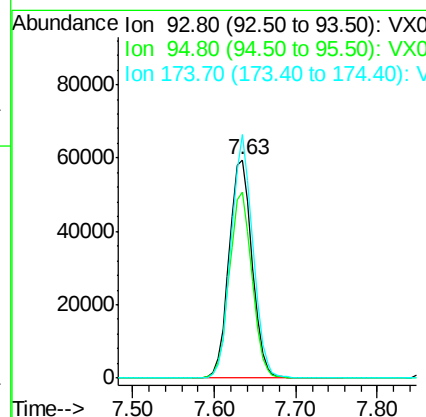
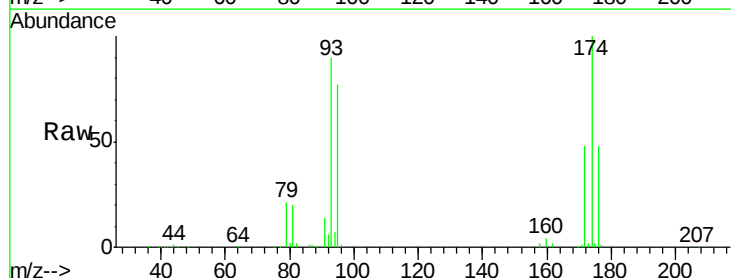
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

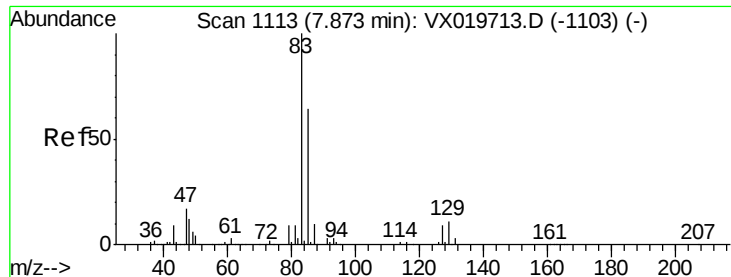
Tgt Ion: 63 Resp: 175256
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.7 38.5



#46
 Dibromomethane
 Concen: 53.215 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

Tgt Ion: 93 Resp: 115902
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.8 100.2
 174 104.5 83.1 124.7

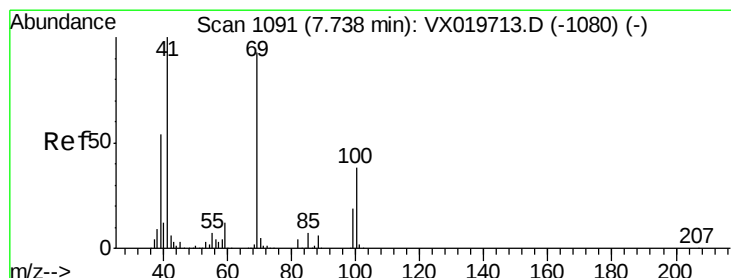
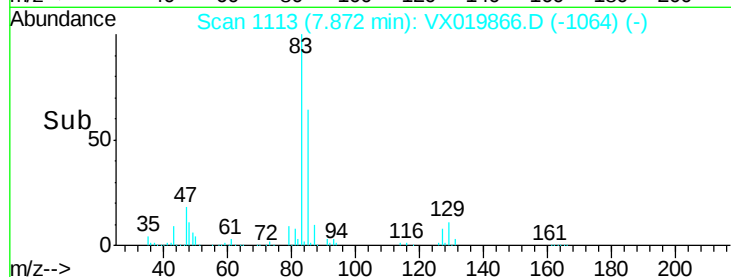
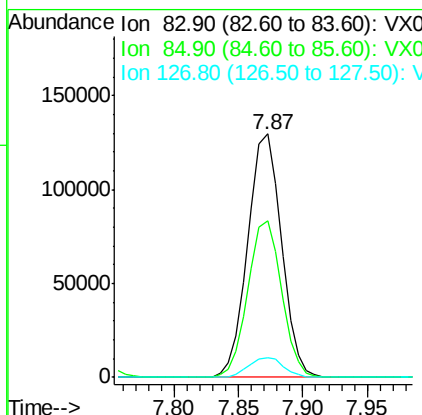
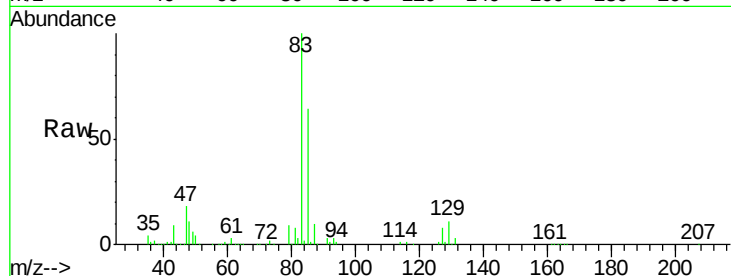




#47
Bromodichloromethane
Concen: 54.461 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

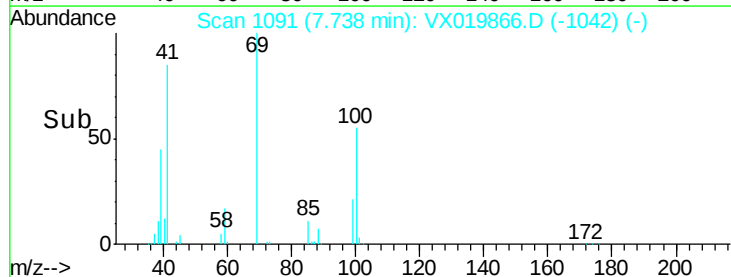
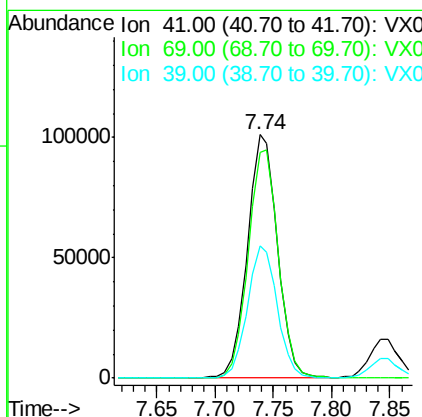
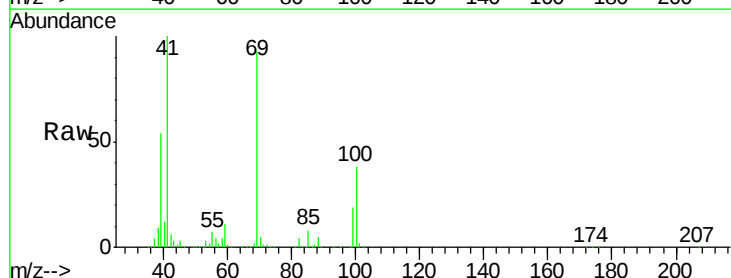
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

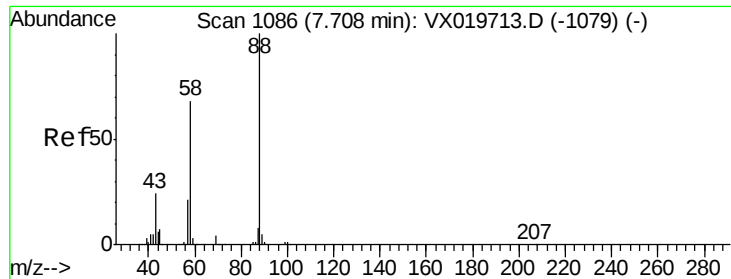
Tgt Ion: 83 Resp: 235369
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.0
127 8.2 6.8 10.2



#48
Methyl methacrylate
Concen: 53.428 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Tgt Ion: 41 Resp: 182212
Ion Ratio Lower Upper
41 100
69 94.7 76.0 114.0
39 54.2 44.6 67.0





#49

1,4-Dioxane

Concen: 1007.513 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

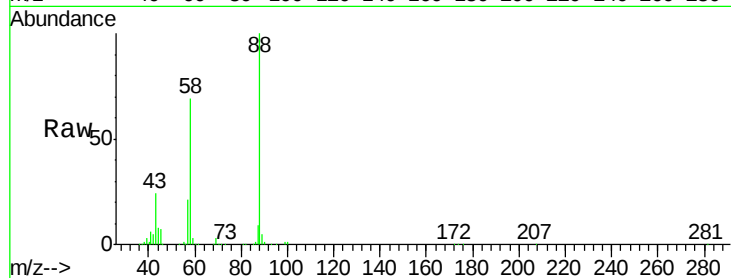
Tgt Ion: 88 Resp: 83237

Ion Ratio Lower Upper

88 100

43 28.9 23.2 34.8

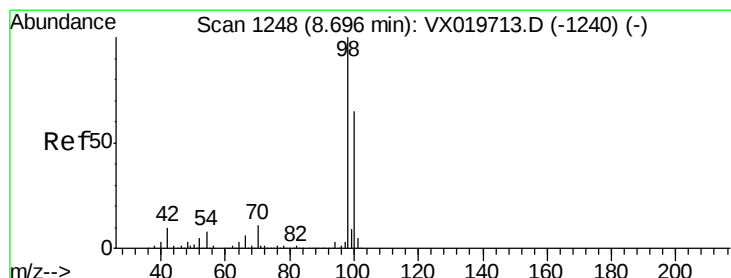
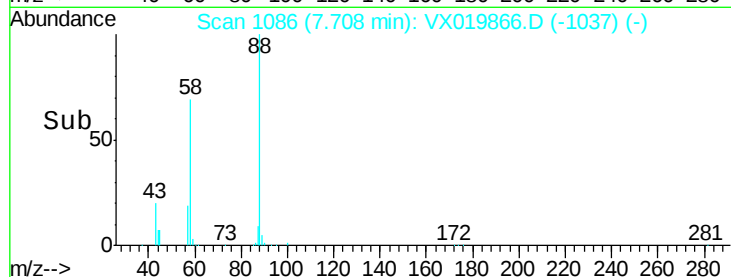
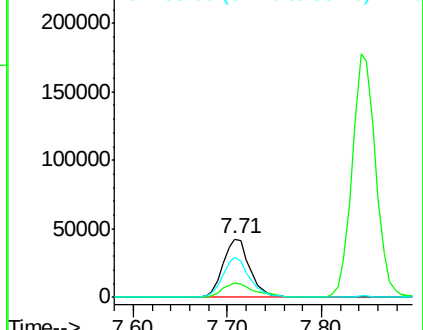
58 69.6 55.0 82.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.259 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019866.D

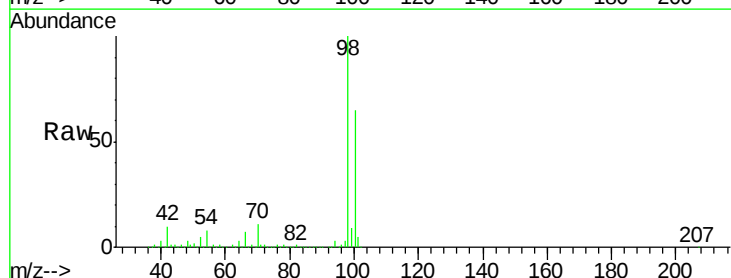
Acq: 11 Dec 2020 09:53

Tgt Ion: 98 Resp: 556648

Ion Ratio Lower Upper

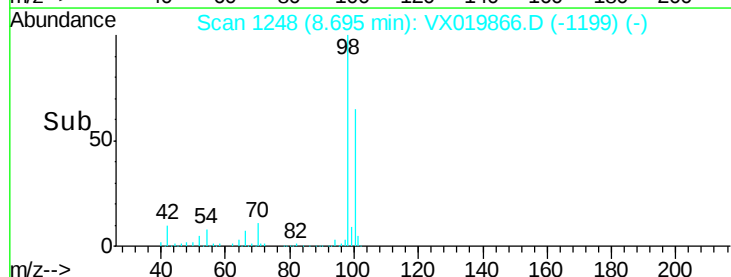
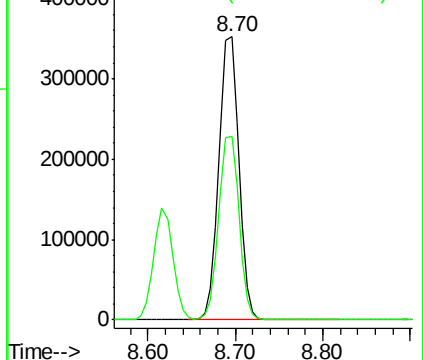
98 100

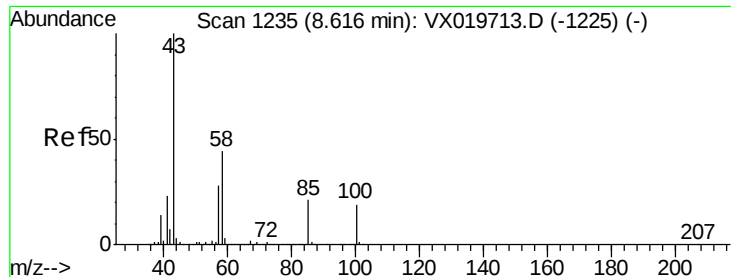
100 66.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

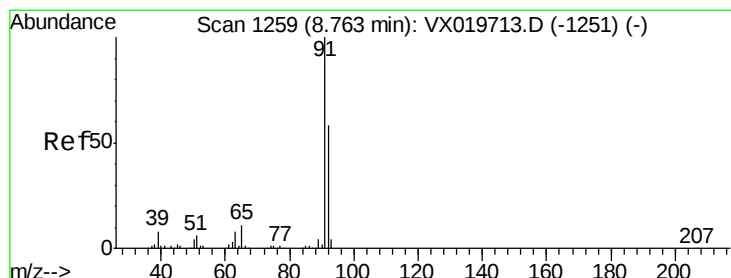
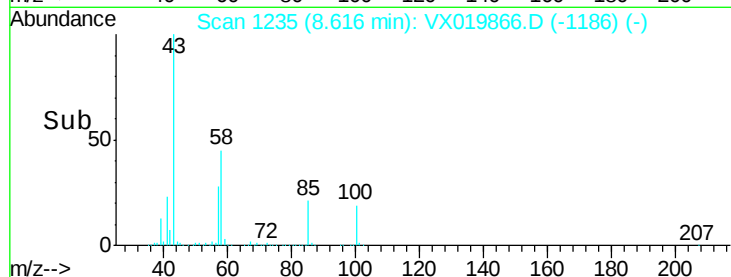
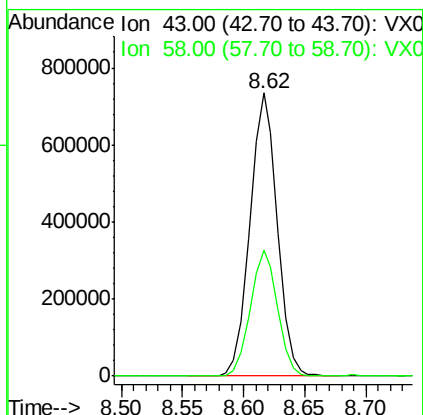
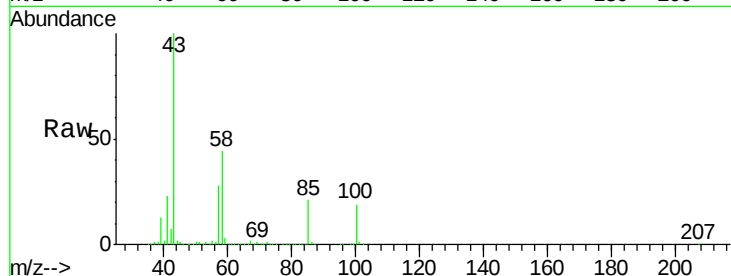




#51
 4-Methyl-2-Pentanone
 Concen: 269.317 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

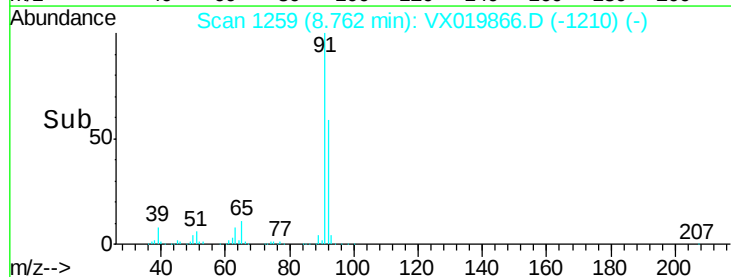
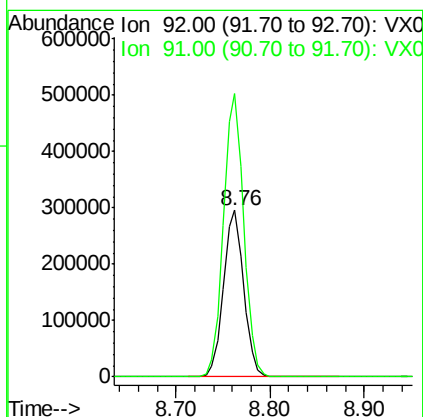
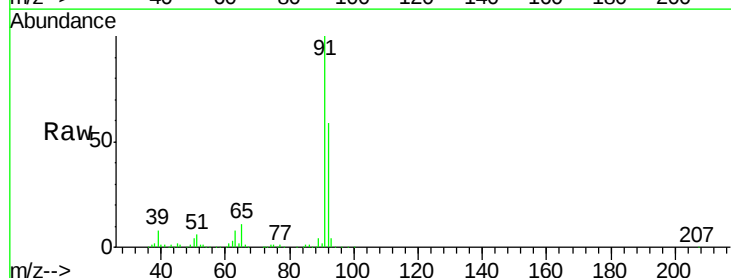
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

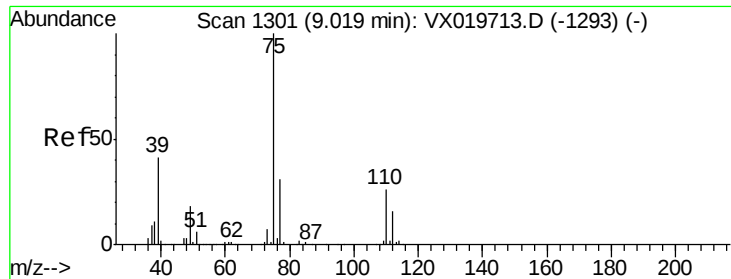
Tgt Ion: 43 Resp: 1140203
 Ion Ratio Lower Upper
 43 100
 58 44.3 35.4 53.0



#52
 Toluene
 Concen: 54.201 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

Tgt Ion: 92 Resp: 437450
 Ion Ratio Lower Upper
 92 100
 91 171.0 137.1 205.7

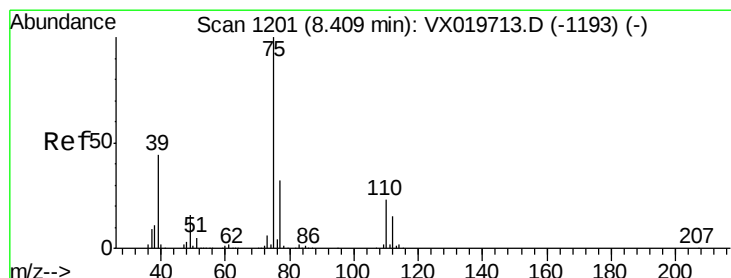
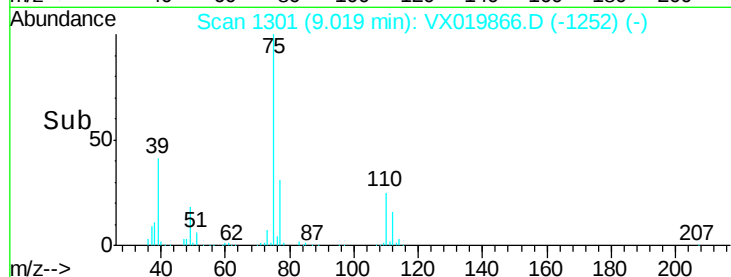
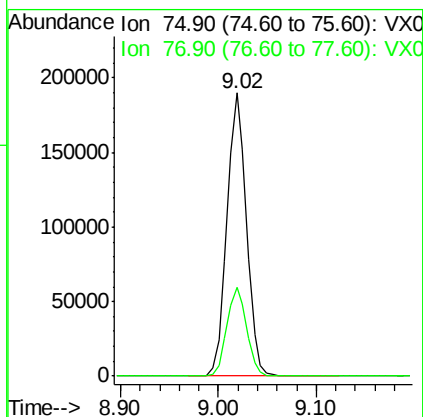
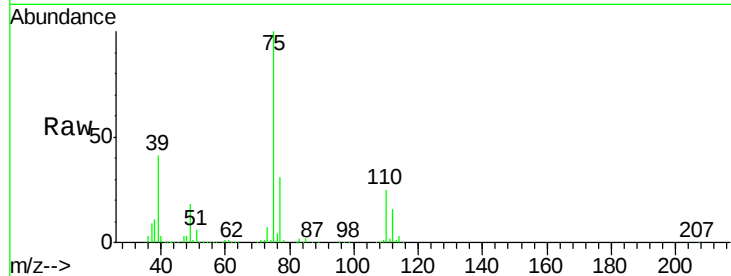




#53
t-1,3-Dichloropropene
Concen: 54.803 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

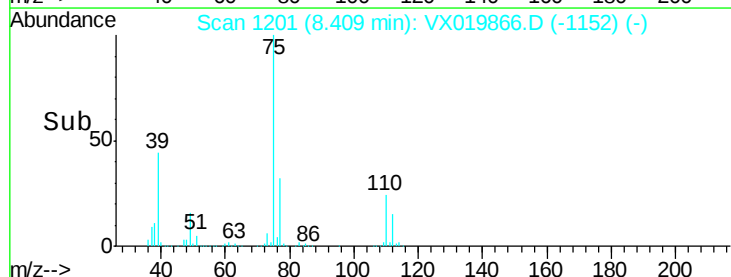
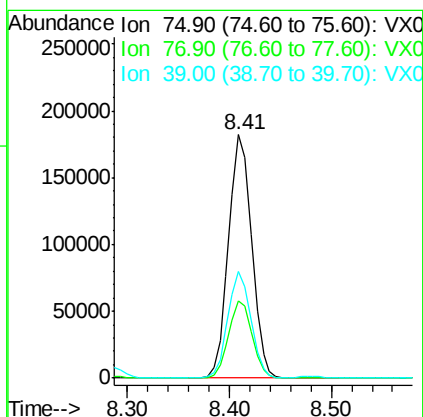
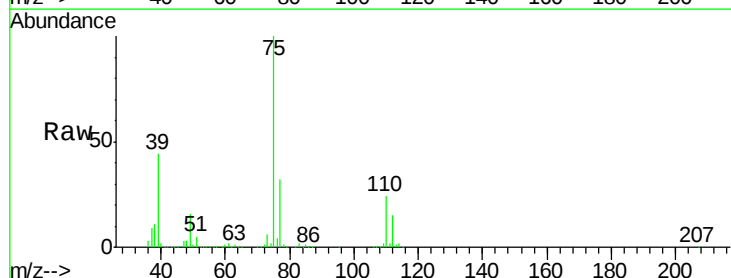
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

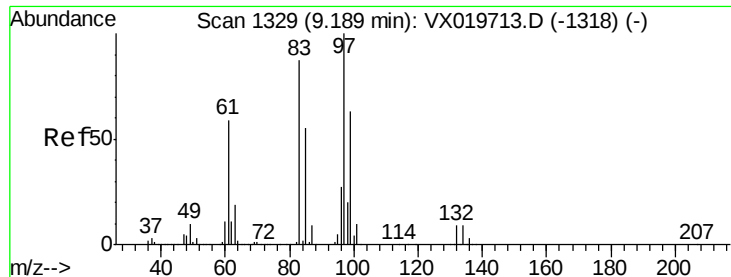
Tgt Ion: 75 Resp: 262830
Ion Ratio Lower Upper
75 100
77 31.3 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 55.028 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Tgt Ion: 75 Resp: 286710
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
39 43.6 35.1 52.7

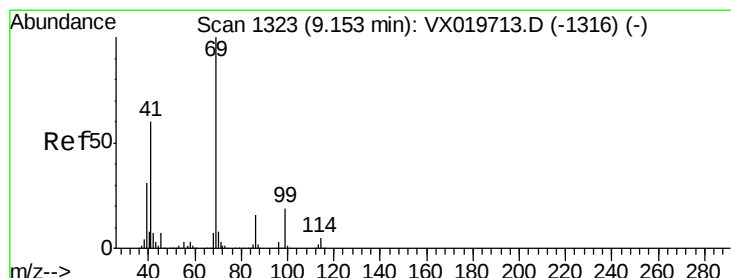
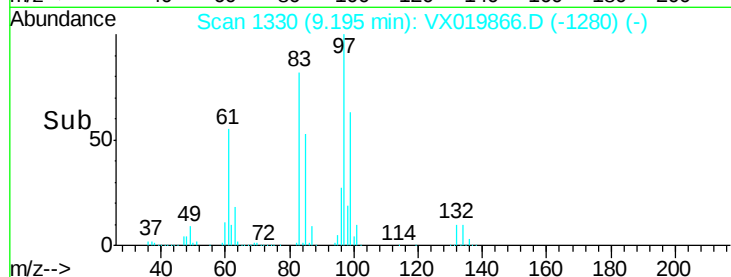
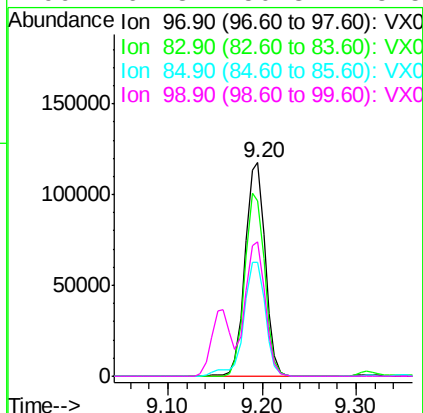
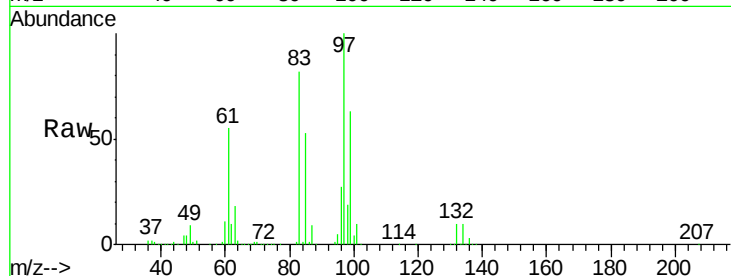




#55
 1,1,2-Trichloroethane
 Concen: 54.065 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

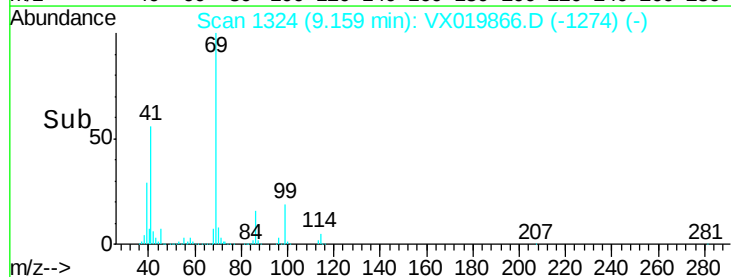
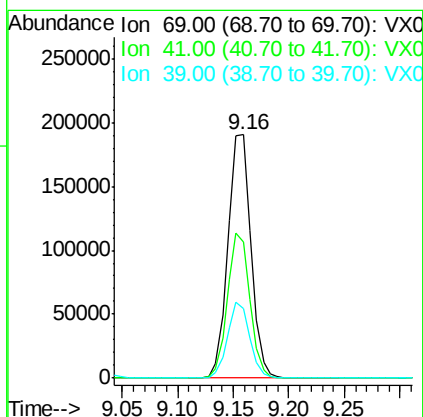
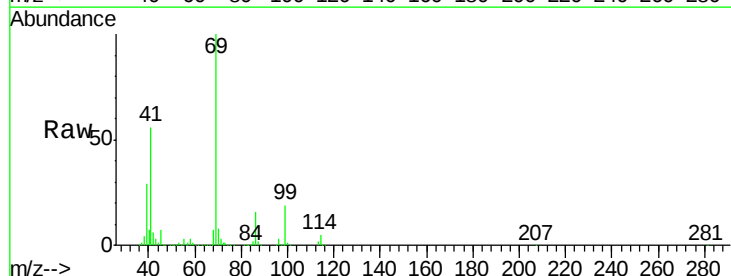
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

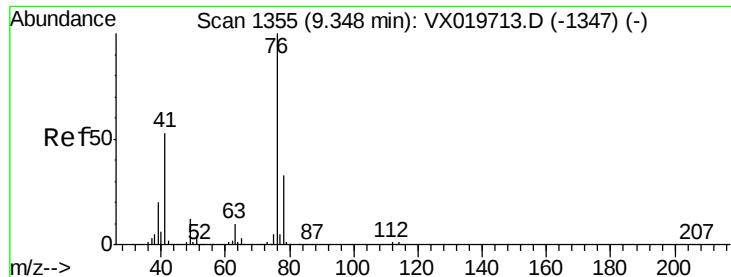
Tgt Ion:	97	Resp:	175844
Ion	Ratio	Lower	Upper
97	100		
83	82.0	69.3	103.9
85	53.4	44.3	66.5
99	62.8	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 55.556 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

Tgt Ion:	69	Resp:	273380
Ion	Ratio	Lower	Upper
69	100		
41	58.2	46.8	70.2
39	30.1	24.7	37.1





#57

1,3-Dichloropropane

Concen: 53.912 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

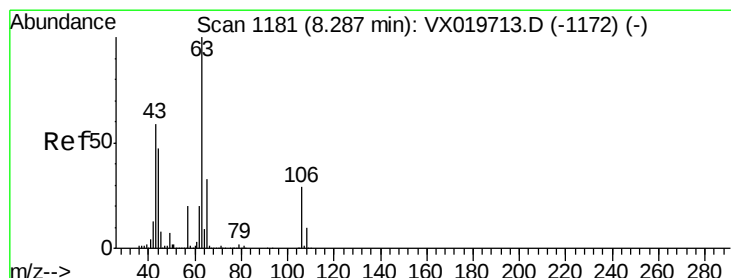
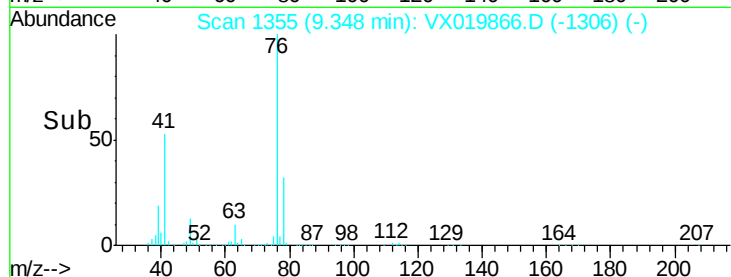
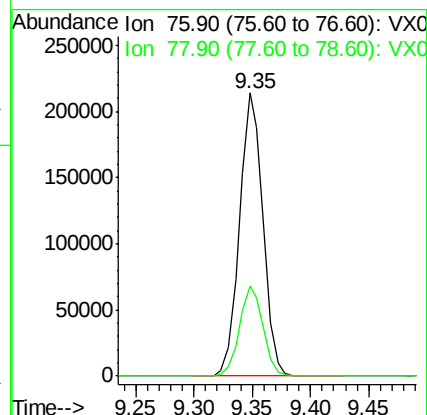
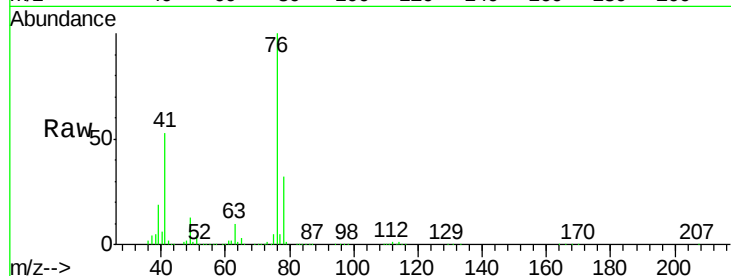
VSTDCCC050

Tgt Ion: 76 Resp: 299404

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 249.538 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019866.D

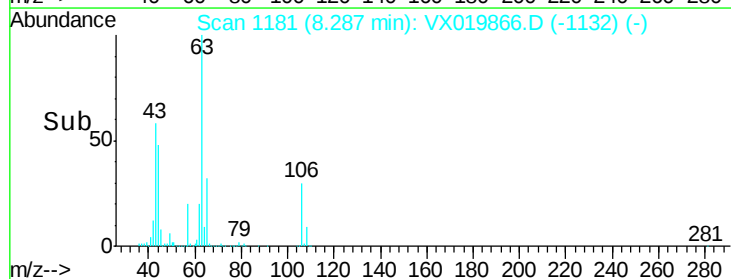
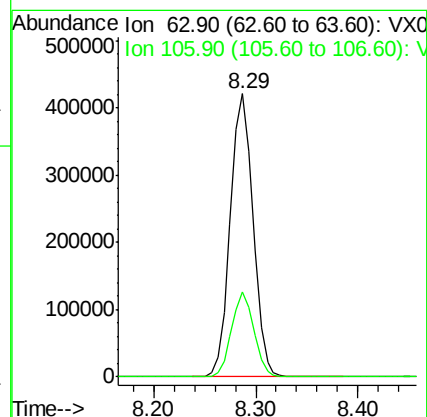
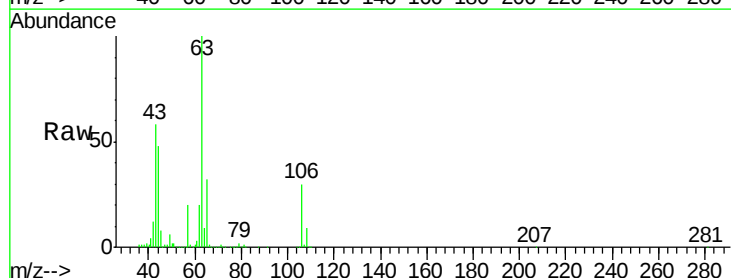
Acq: 11 Dec 2020 09:53

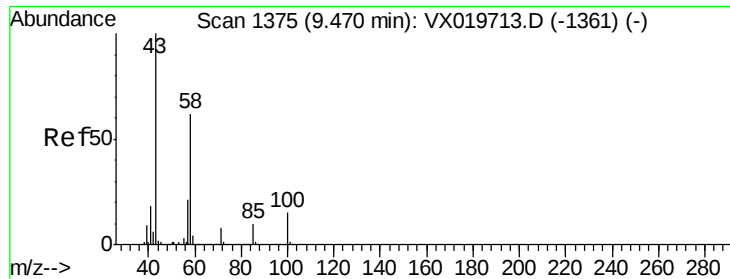
Tgt Ion: 63 Resp: 650512

Ion Ratio Lower Upper

63 100

106 29.2 23.5 35.3

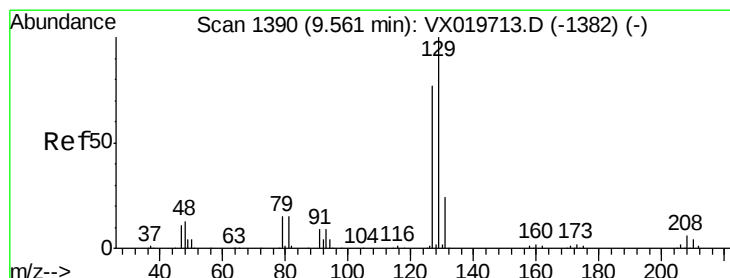
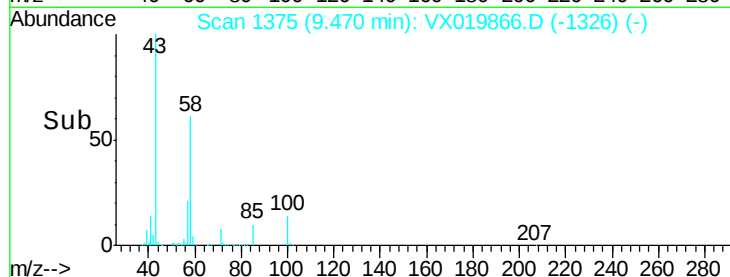
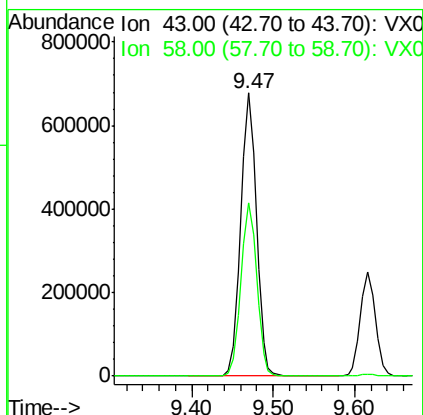
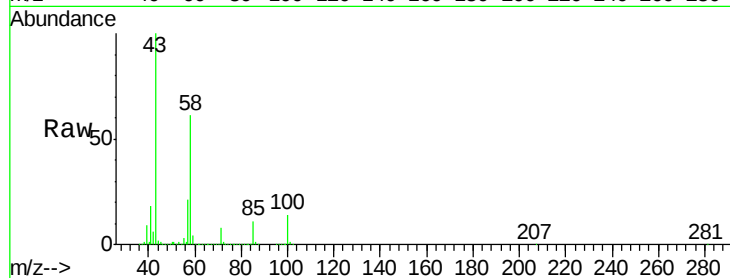




#59
2-Hexanone
Concen: 273.353 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

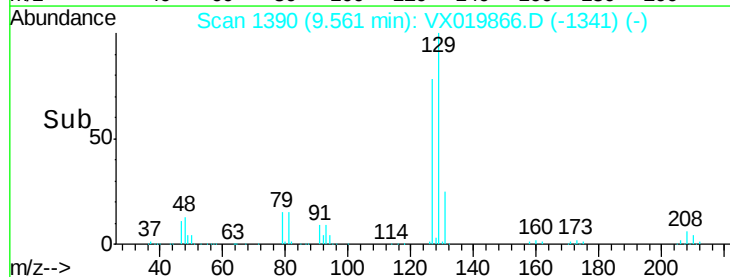
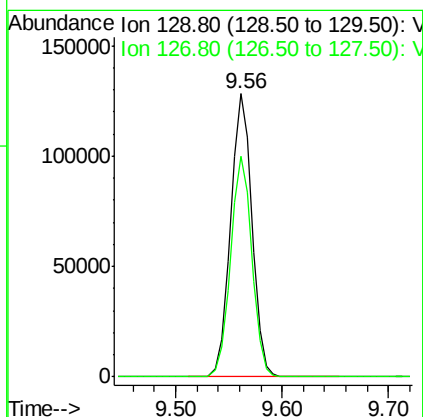
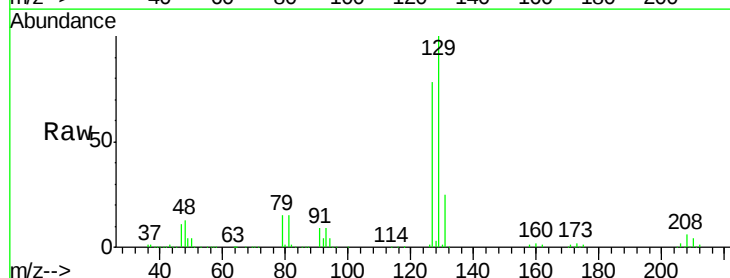
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

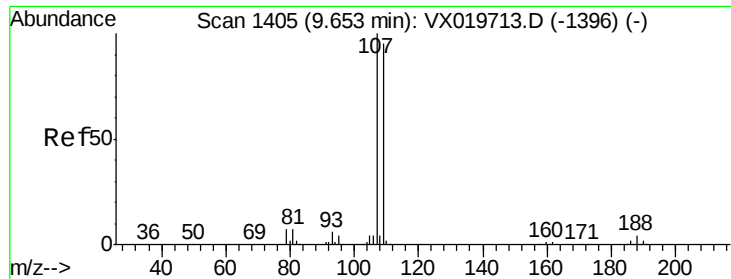
Tgt Ion: 43 Resp: 897055
Ion Ratio Lower Upper
43 100
58 61.5 30.9 92.8



#60
Dibromochloromethane
Concen: 54.999 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Tgt Ion: 129 Resp: 181740
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 53.236 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

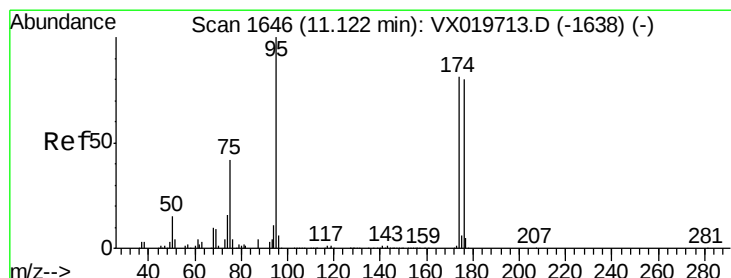
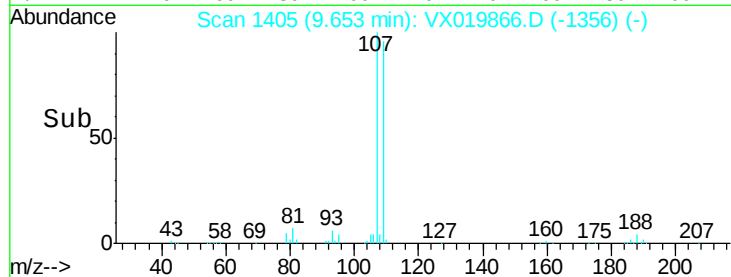
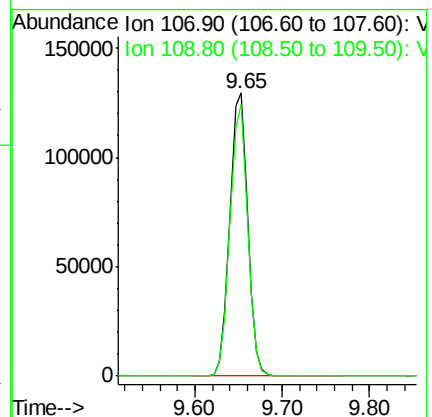
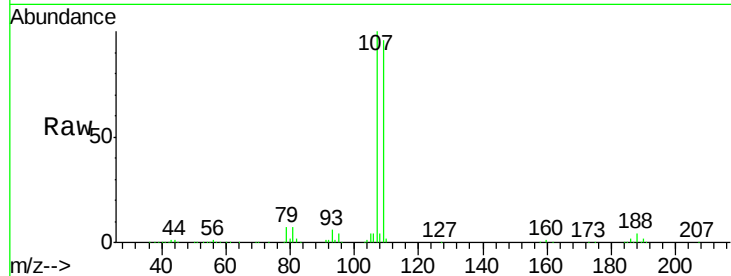
VSTDCCC050

Tgt Ion: 107 Resp: 183861

Ion Ratio Lower Upper

107 100

109 95.0 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 49.213 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

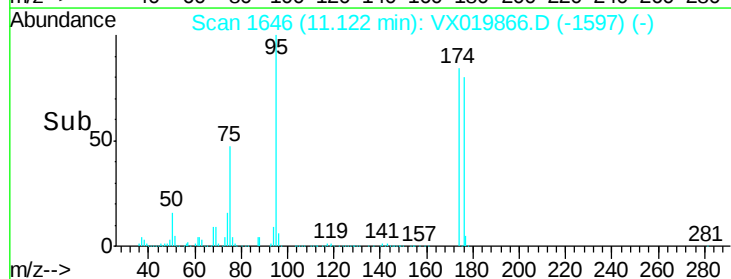
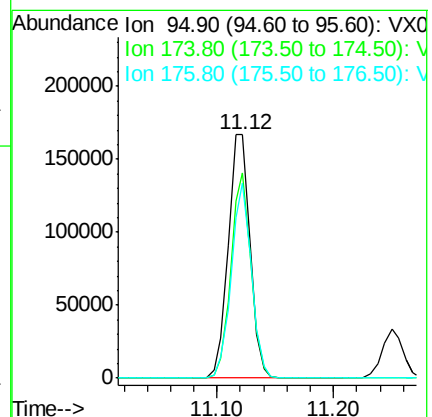
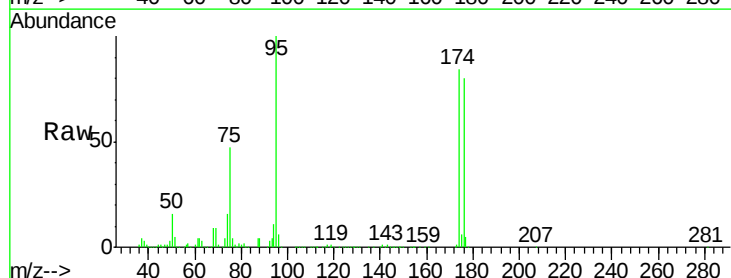
Tgt Ion: 95 Resp: 216056

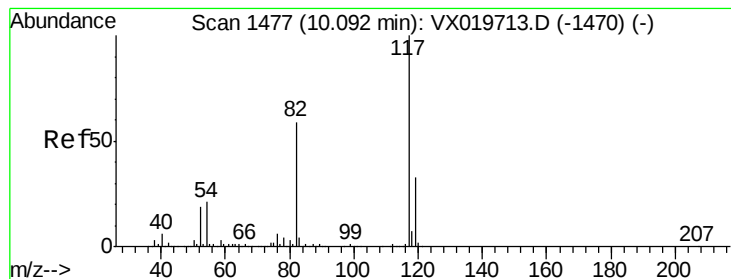
Ion Ratio Lower Upper

95 100

174 77.6 0.0 154.6

176 73.9 0.0 155.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

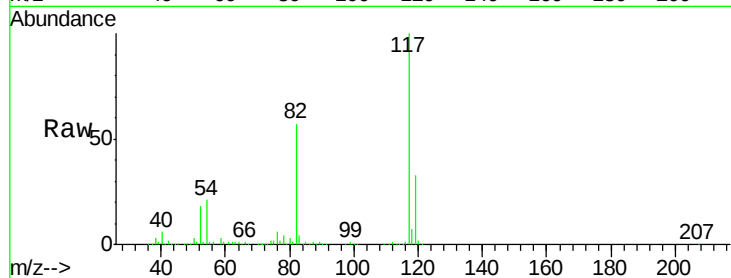
Tgt Ion:117 Resp: 431481

Ion Ratio Lower Upper

117 100

82 56.9 47.4 71.2

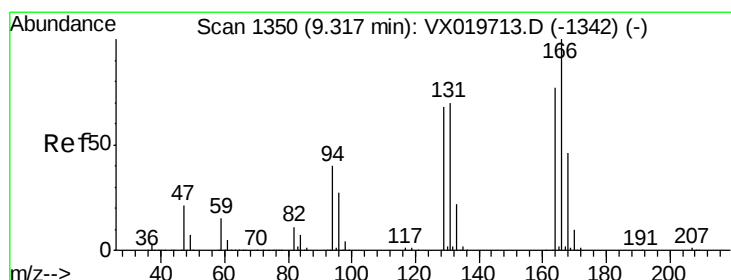
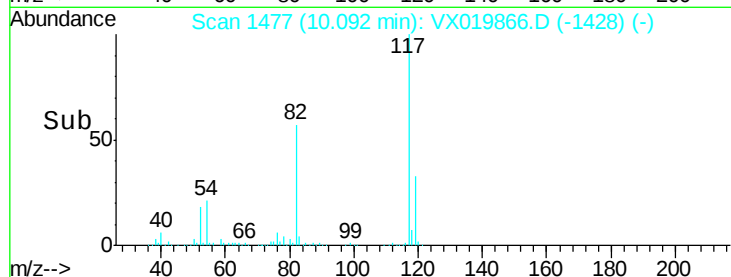
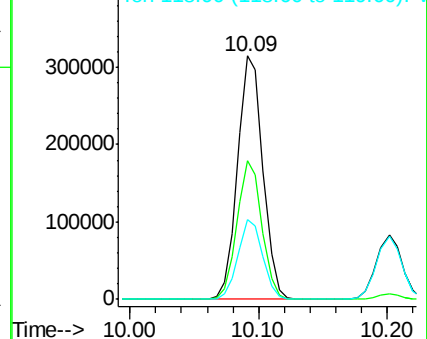
119 32.5 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 56.966 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Tgt Ion:164 Resp: 164837

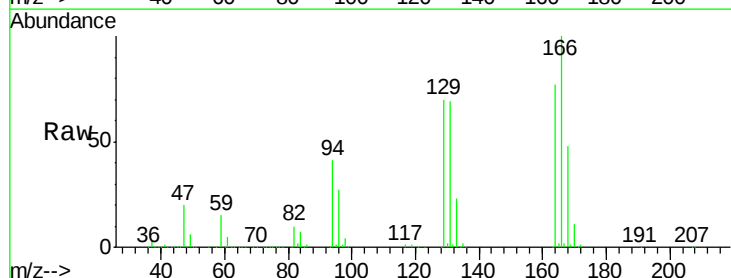
Ion Ratio Lower Upper

164 100

166 129.8 103.4 155.2

129 91.3 70.8 106.2

131 89.6 72.5 108.7

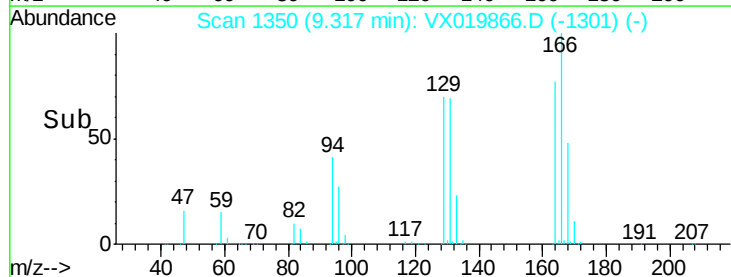
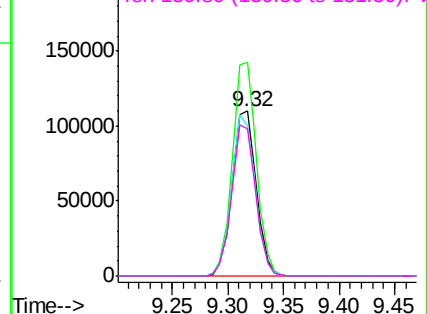


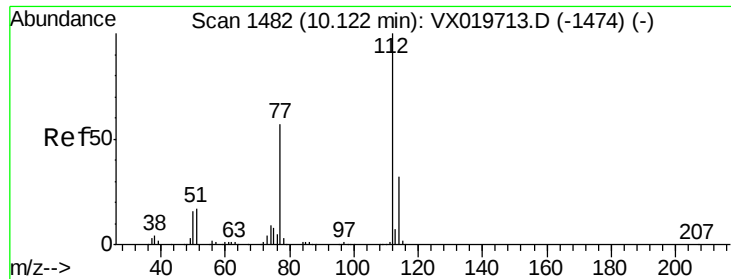
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

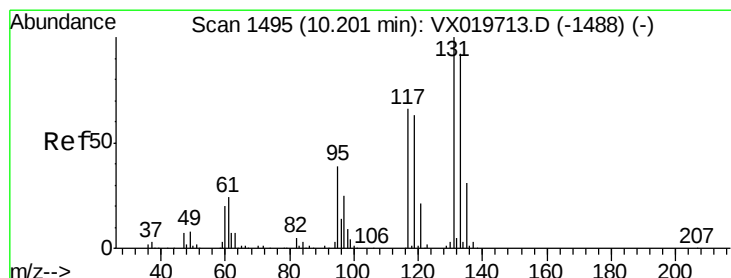
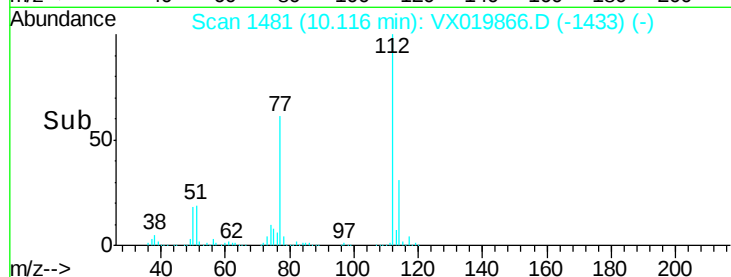
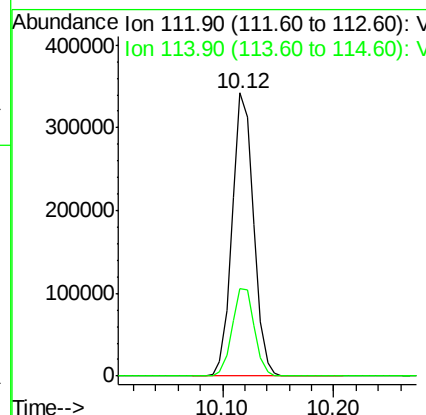
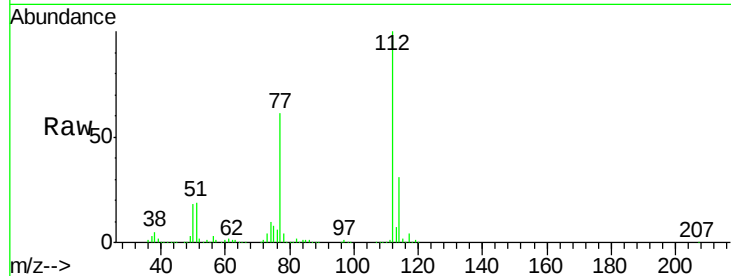




#65
Chlorobenzene
Concen: 53.007 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

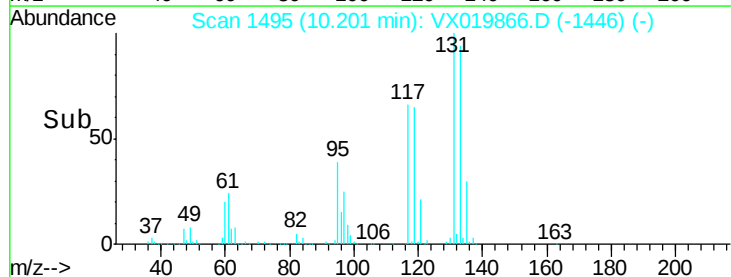
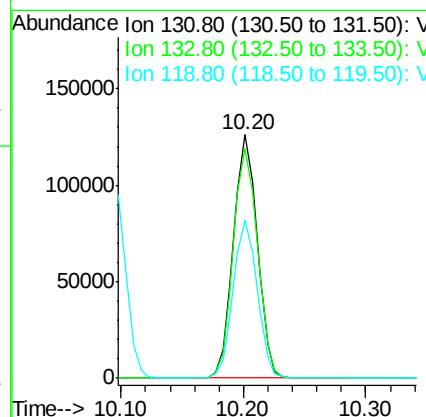
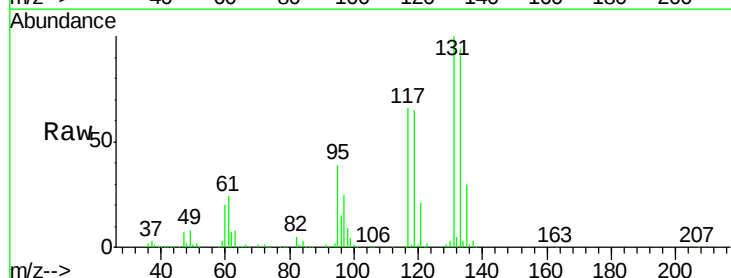
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

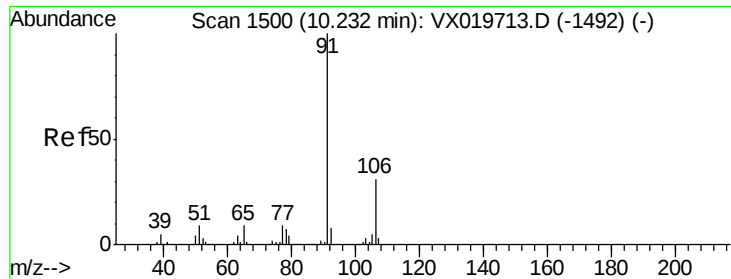
Tgt Ion:112 Resp: 455662
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.934 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Tgt Ion:131 Resp: 169968
Ion Ratio Lower Upper
131 100
133 96.0 47.7 143.1
119 65.1 32.1 96.5

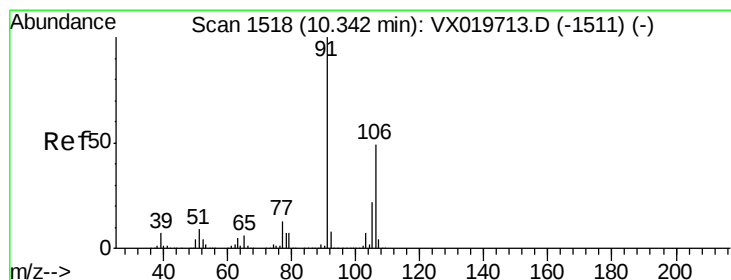
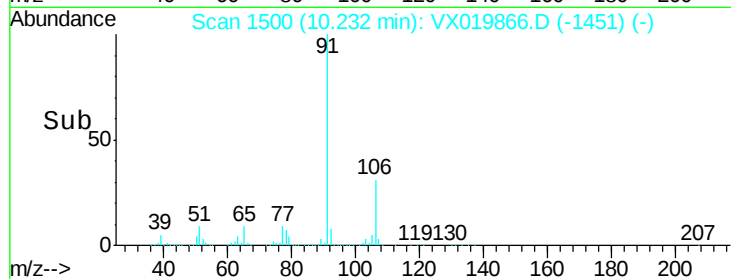
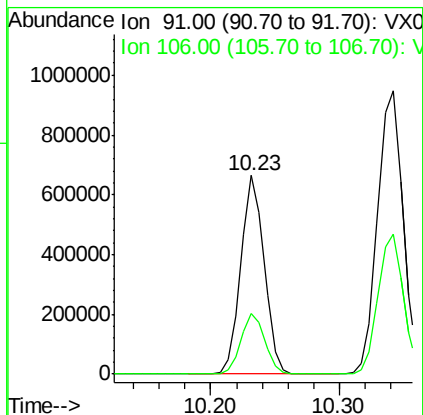
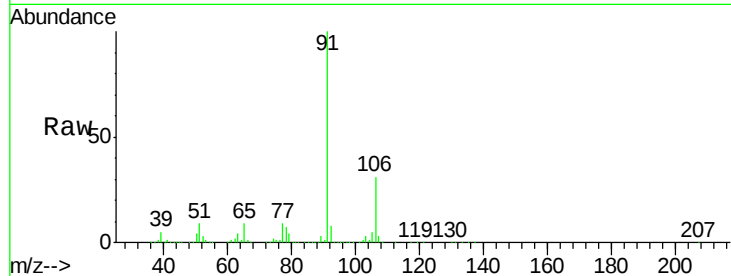




#67
Ethyl Benzene
Concen: 54.856 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

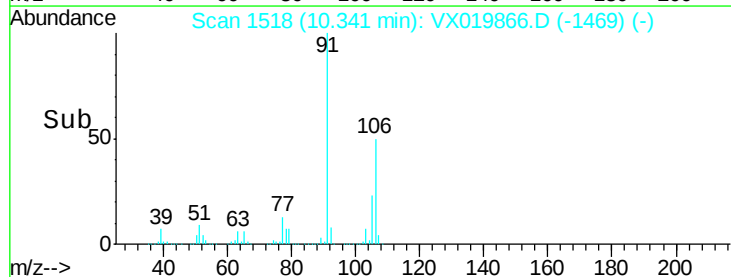
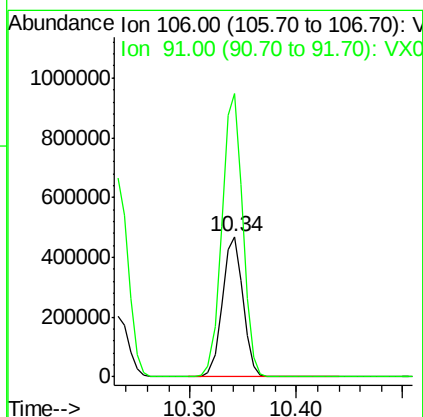
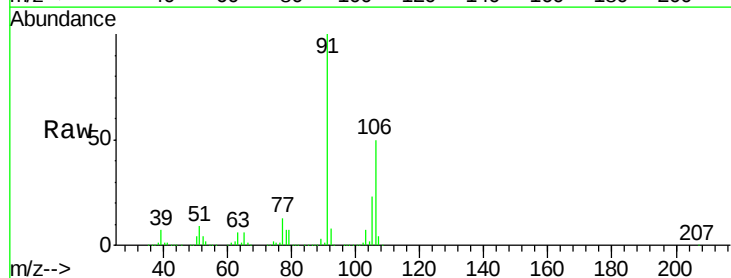
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

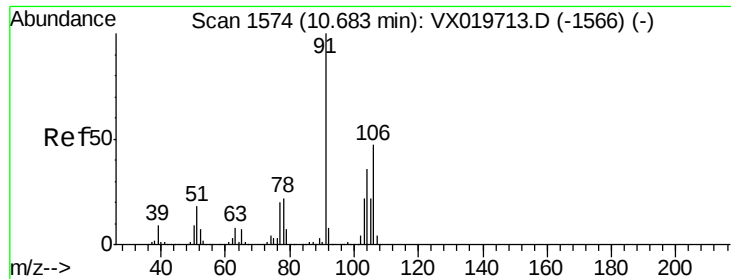
Tgt Ion: 91 Resp: 837044
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0



#68
m/p-Xylenes
Concen: 110.176 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Tgt Ion: 106 Resp: 633484
Ion Ratio Lower Upper
106 100
91 203.6 162.8 244.2

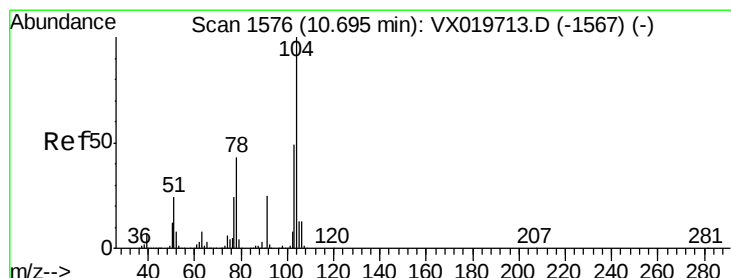
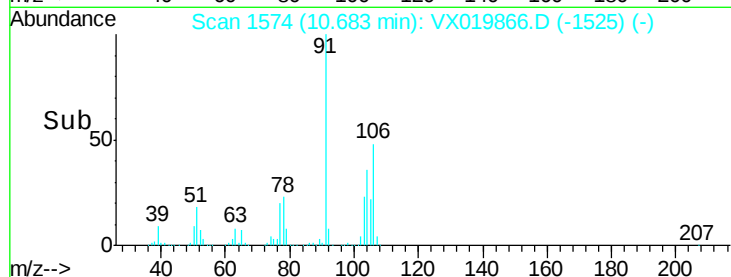
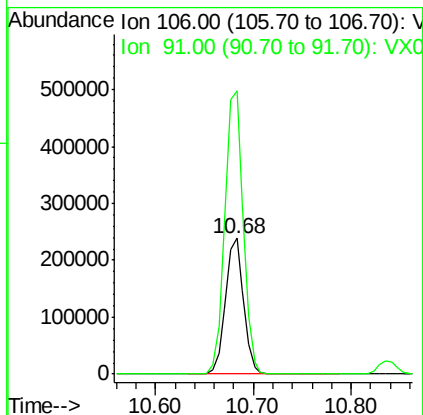
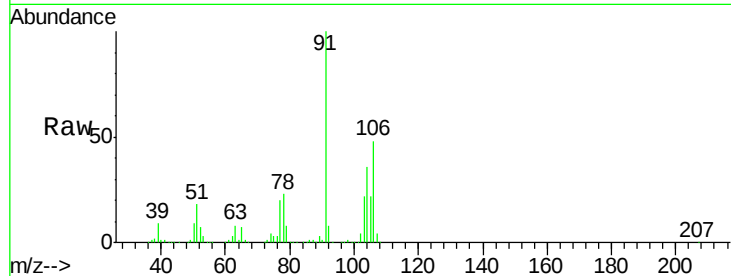




#69
o-Xylene
Concen: 54.905 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

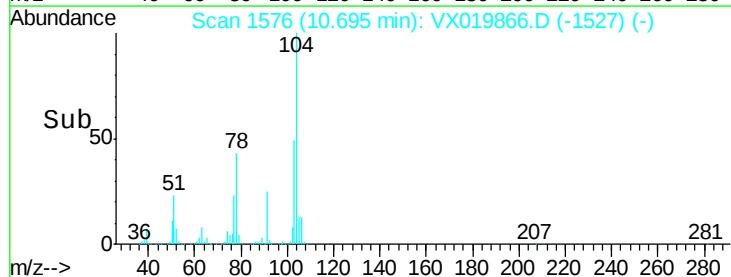
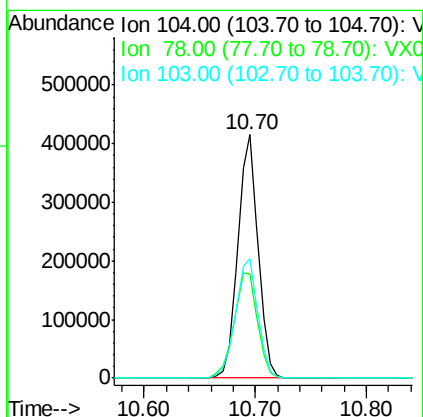
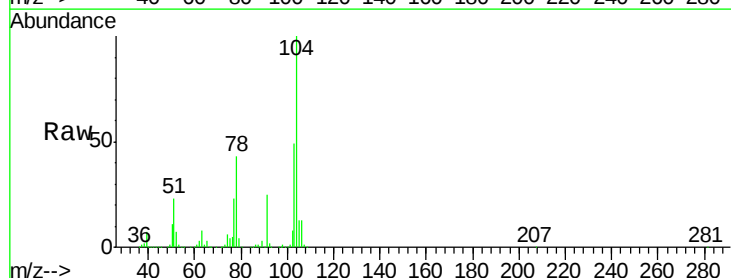
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

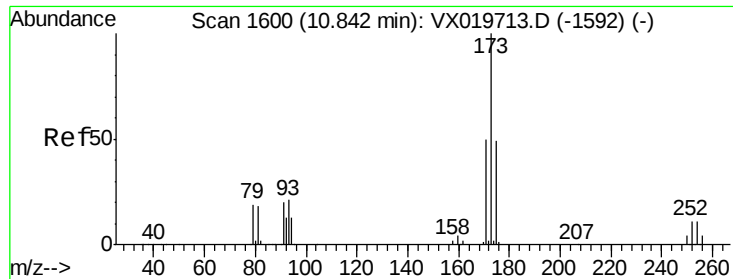
Tgt Ion:106 Resp: 303677
Ion Ratio Lower Upper
106 100
91 214.1 108.1 324.2



#70
Styrene
Concen: 55.710 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Tgt Ion:104 Resp: 520083
Ion Ratio Lower Upper
104 100
78 50.3 40.0 60.0
103 54.4 43.4 65.0





#71

Bromoform

Concen: 55.311 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

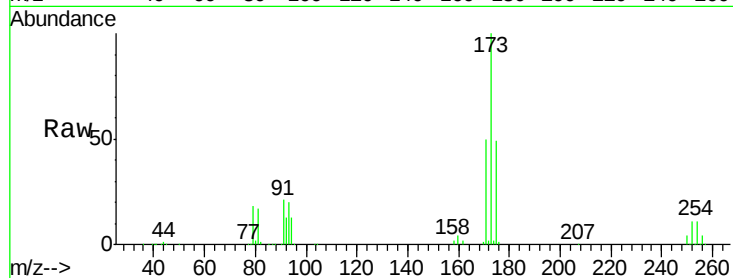
Tgt Ion:173 Resp: 134627

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.8

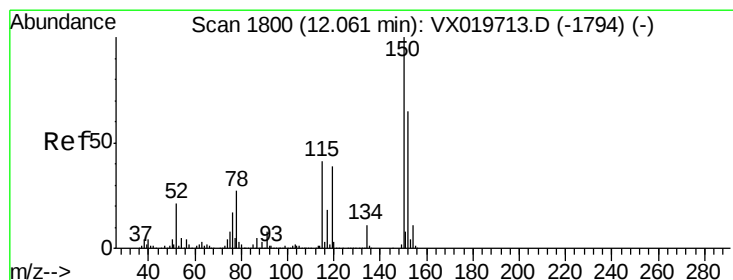
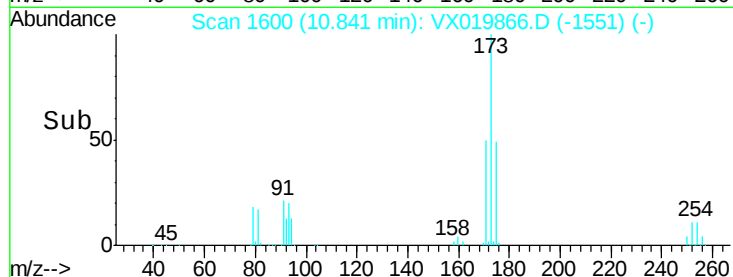
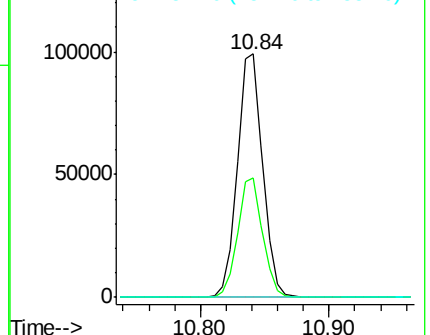
254 0.2 0.1 0.1#



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: VX019866.D

Acq: 11 Dec 2020 09:53

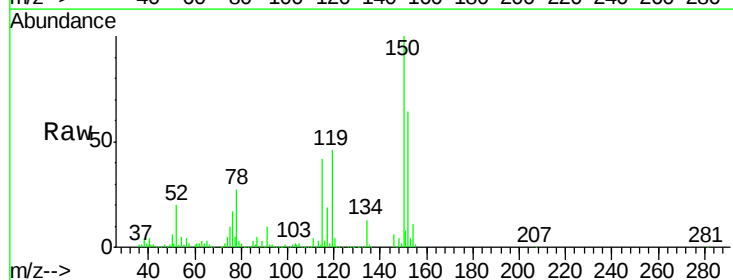
Tgt Ion:152 Resp: 217150

Ion Ratio Lower Upper

152 100

115 84.6 41.1 123.3

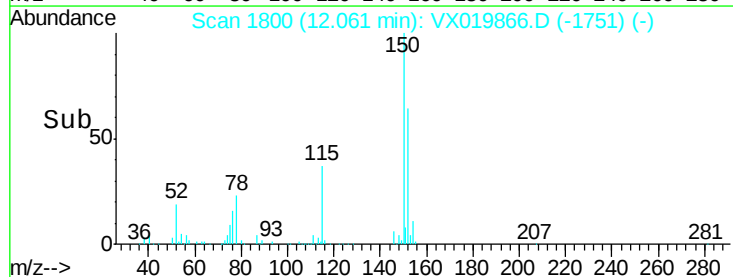
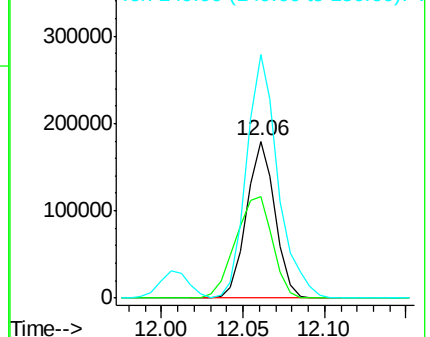
150 173.3 0.0 349.0

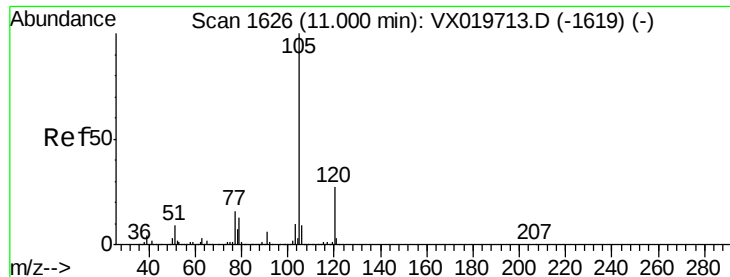


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.564 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

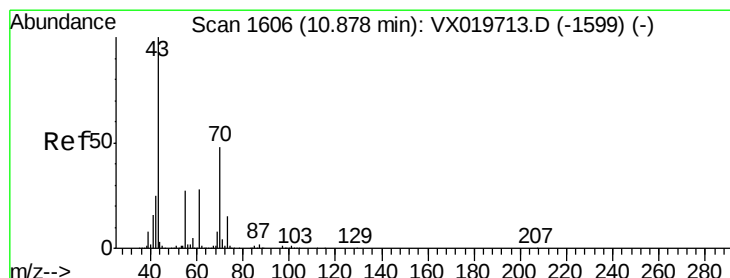
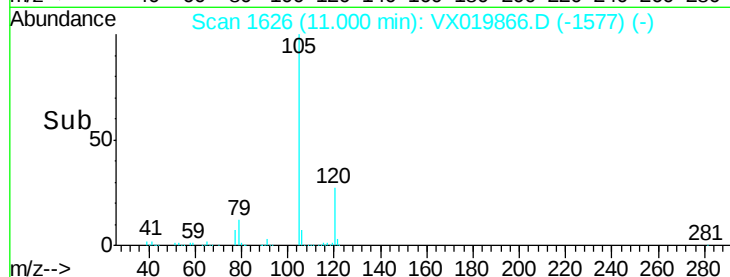
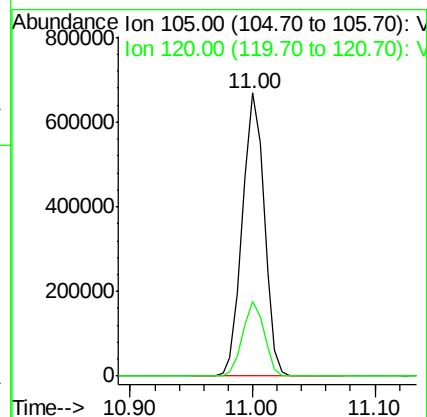
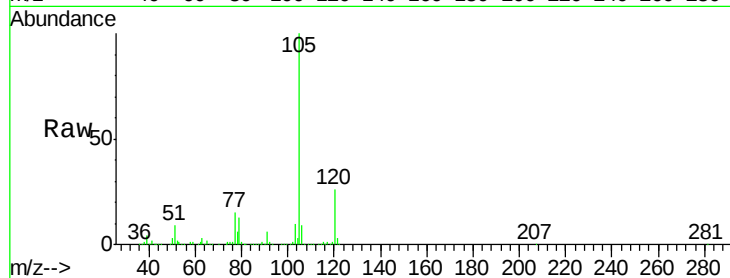
VSTDCCC050

Tgt Ion:105 Resp: 824326

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 53.621 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Tgt Ion: 43 Resp: 318788

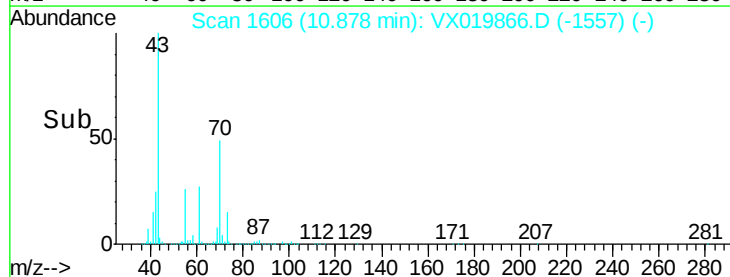
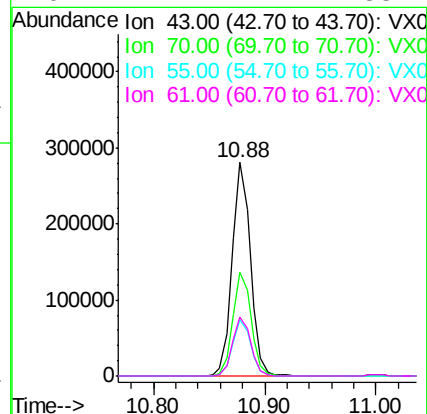
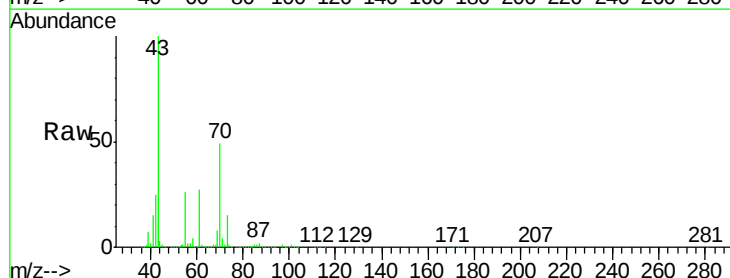
Ion Ratio Lower Upper

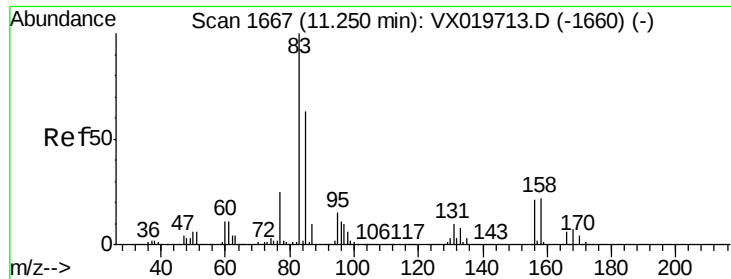
43 100

70 49.1 39.0 58.6

55 26.5 21.5 32.3

61 27.7 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.647 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

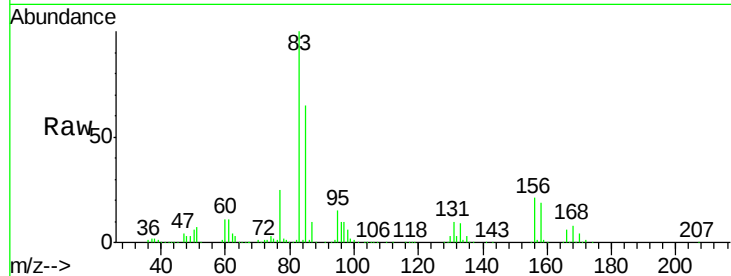
Tgt Ion: 83 Resp: 275367

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

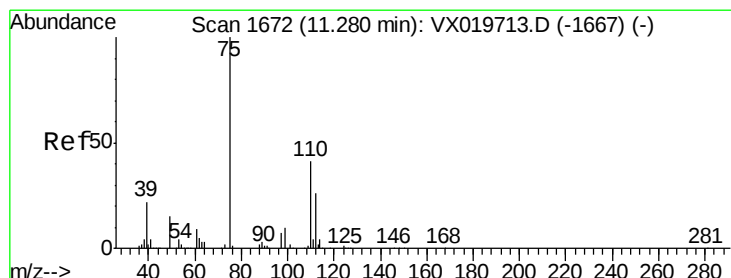
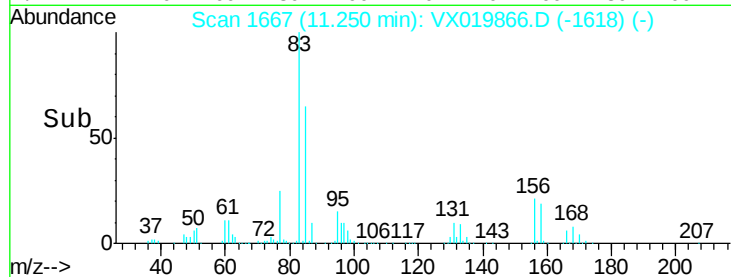
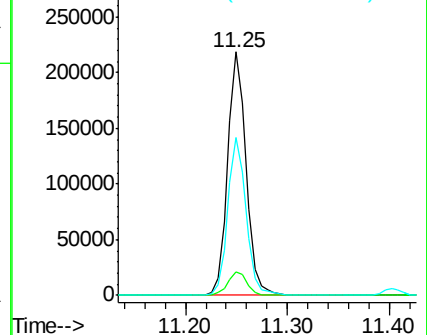
85 64.5 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.716 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019866.D

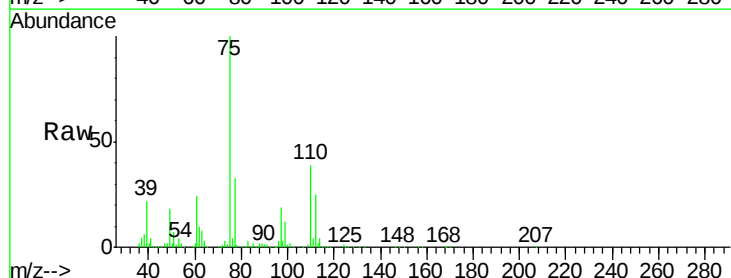
Acq: 11 Dec 2020 09:53

Tgt Ion: 75 Resp: 320055

Ion Ratio Lower Upper

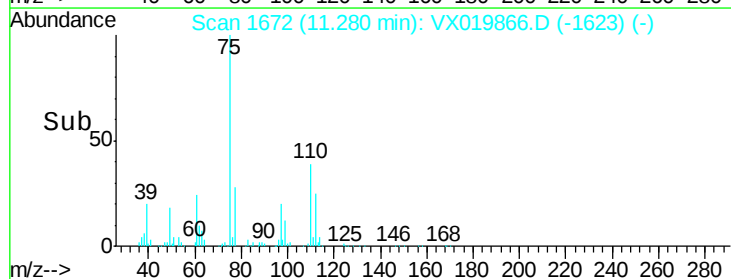
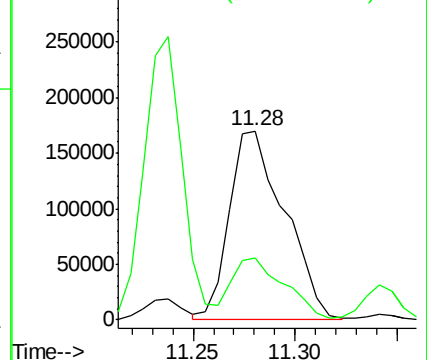
75 100

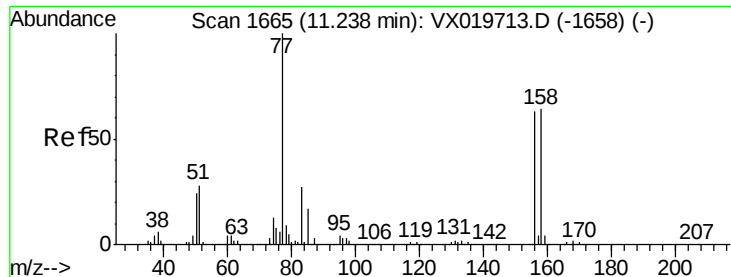
77 30.8 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.929 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

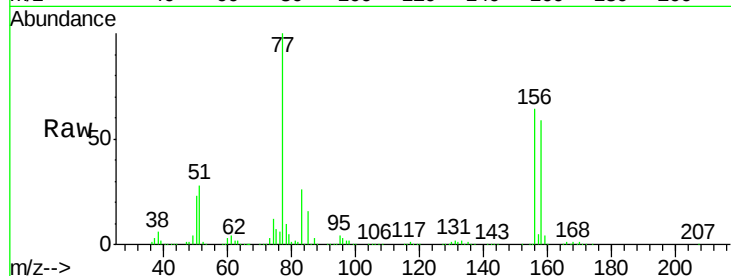
Tgt Ion:156 Resp: 204745

Ion Ratio Lower Upper

156 100

77 162.5 82.8 248.6

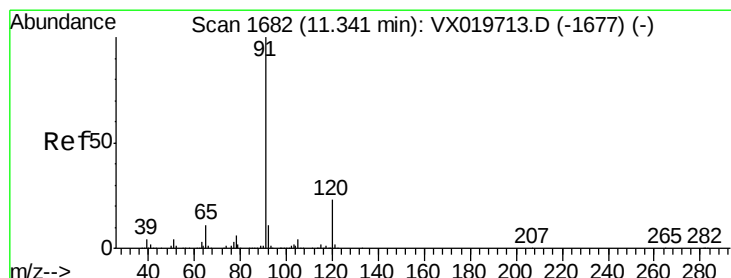
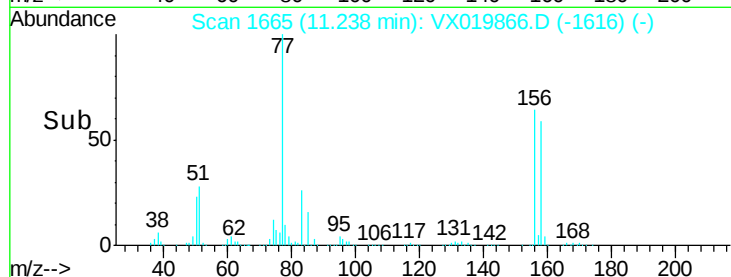
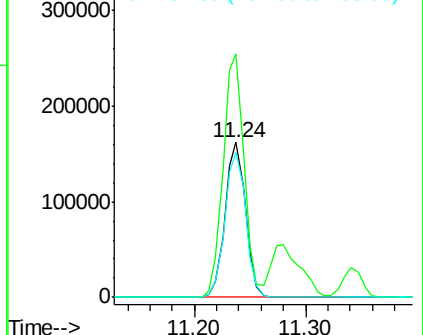
158 95.4 49.1 147.4



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: 56.886 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019866.D

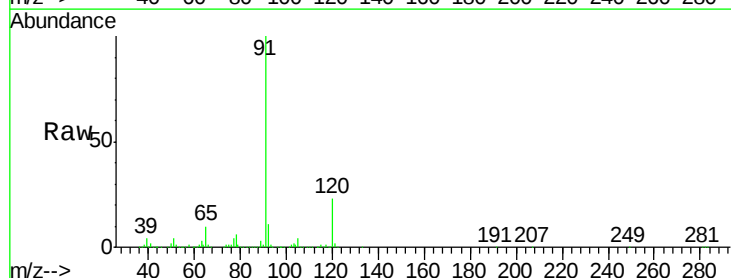
Acq: 11 Dec 2020 09:53

Tgt Ion: 91 Resp: 963898

Ion Ratio Lower Upper

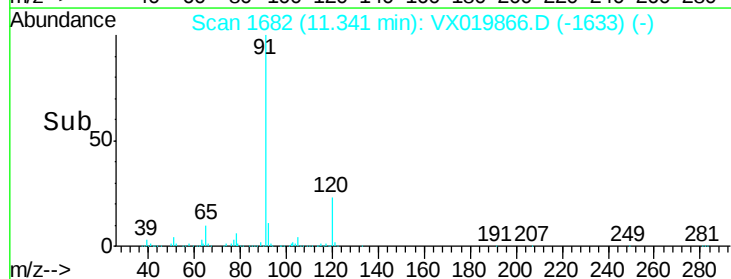
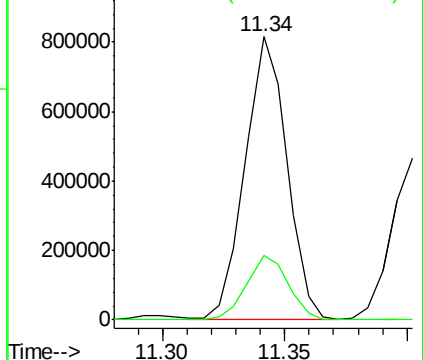
91 100

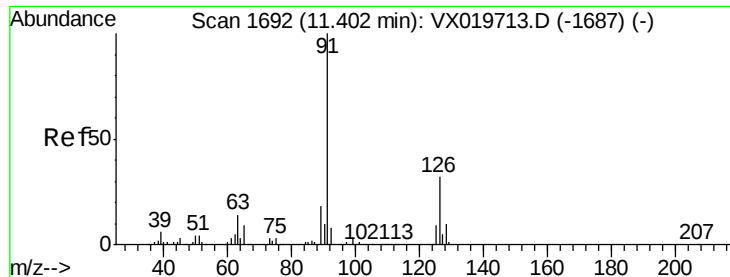
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

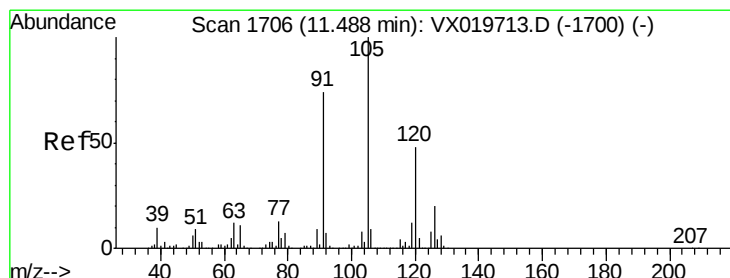
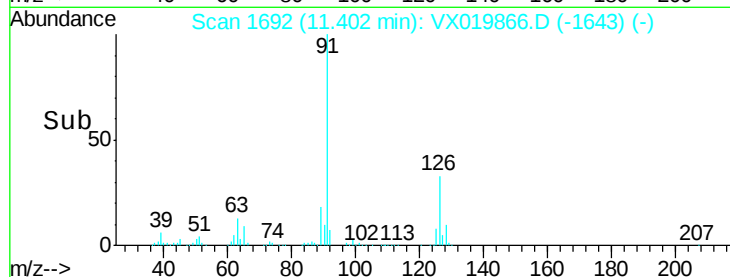
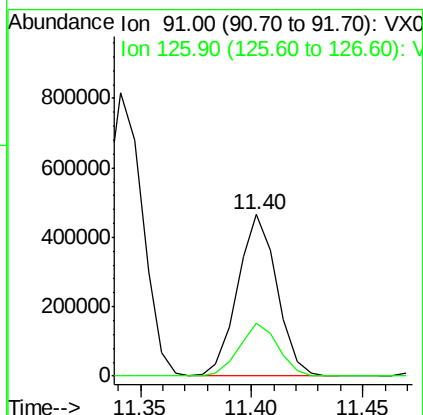
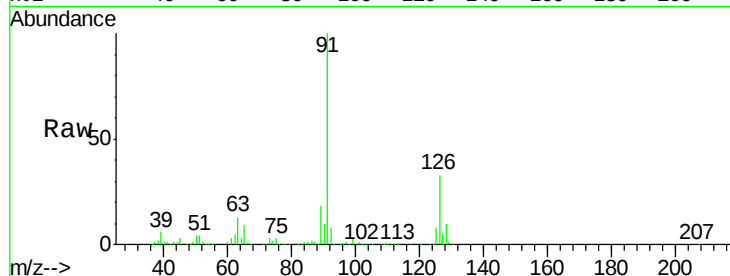




#79
2-Chlorotoluene
Concen: 54.642 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

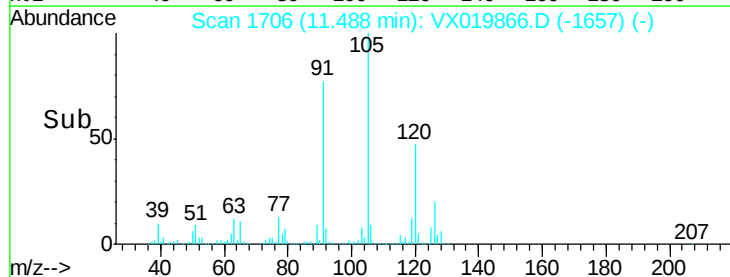
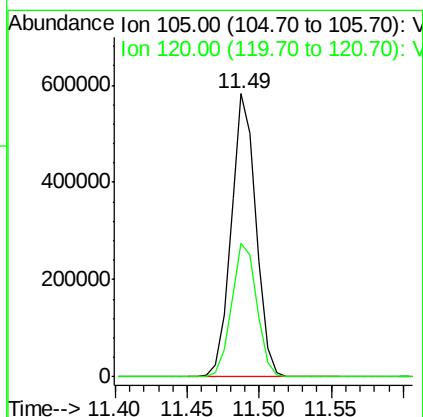
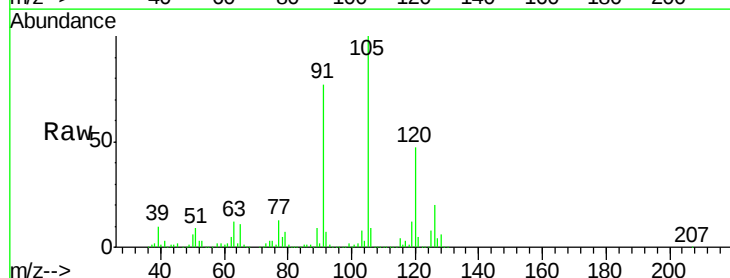
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

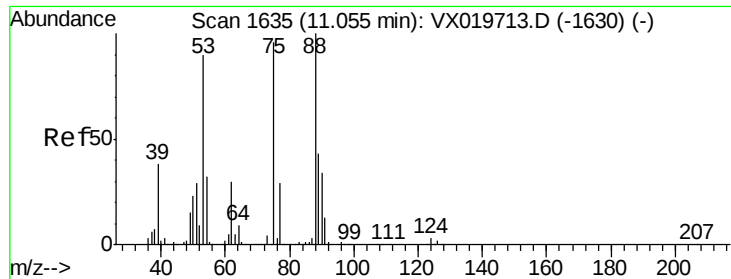
Tgt Ion: 91 Resp: 570177
Ion Ratio Lower Upper
91 100
126 32.7 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 55.823 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Tgt Ion: 105 Resp: 698948
Ion Ratio Lower Upper
105 100
120 48.5 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 54.923 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

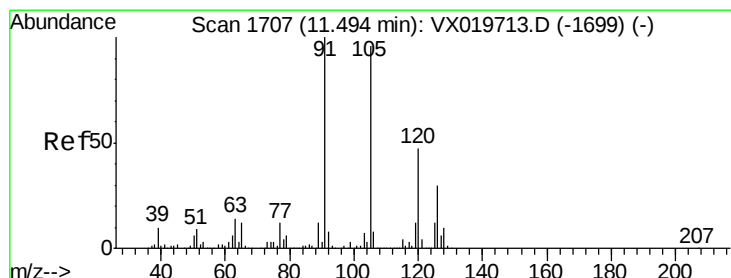
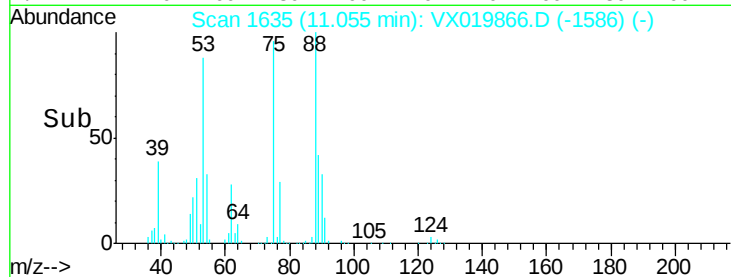
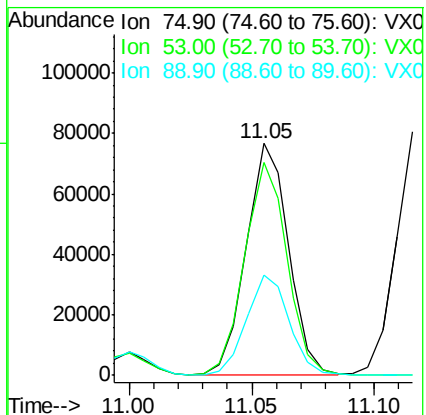
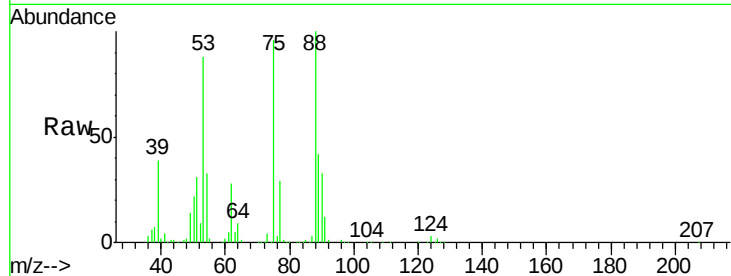
Tgt Ion: 75 Resp: 92531

Ion Ratio Lower Upper

75 100

53 91.9 74.5 111.7

89 44.1 37.9 56.9



#82

4-Chlorotoluene

Concen: 54.828 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019866.D

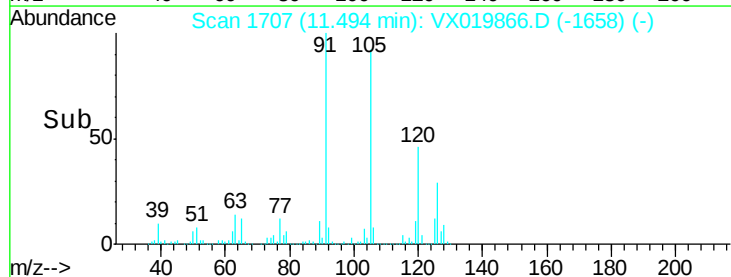
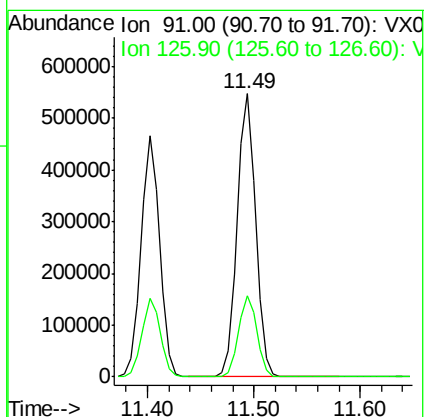
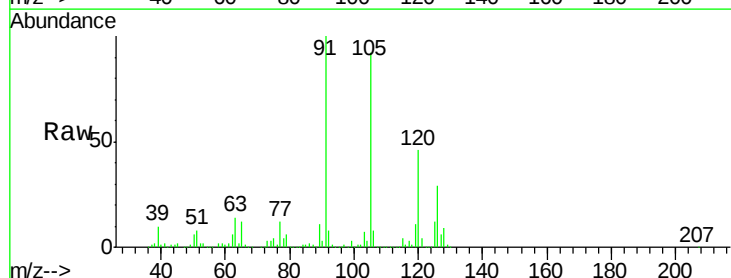
Acq: 11 Dec 2020 09:53

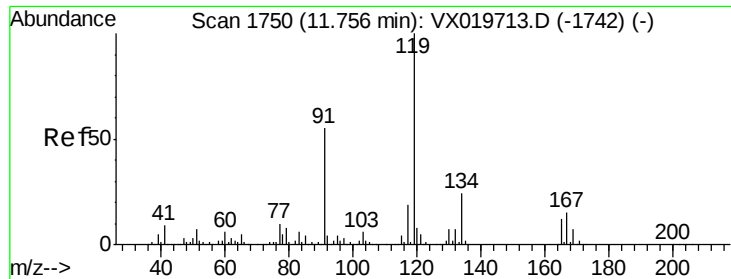
Tgt Ion: 91 Resp: 670047

Ion Ratio Lower Upper

91 100

126 28.6 14.9 44.5

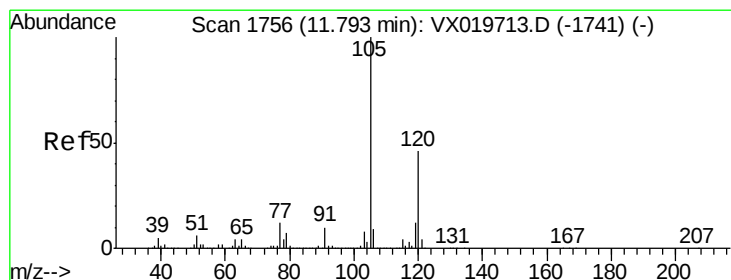
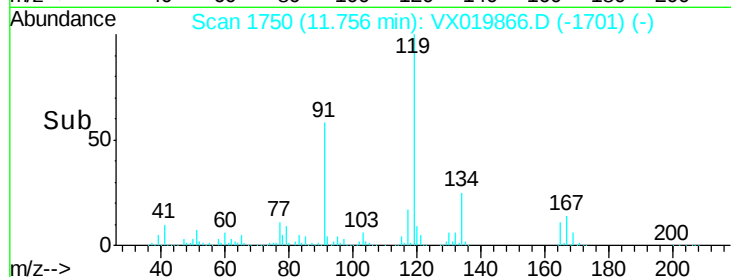
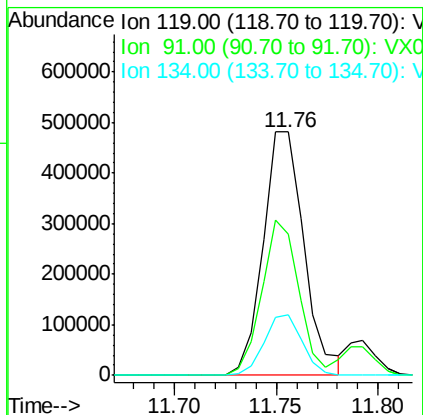
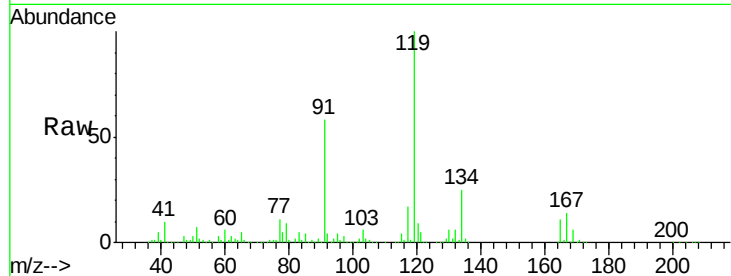




#83
 tert-Butylbenzene
 Concen: 54.940 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

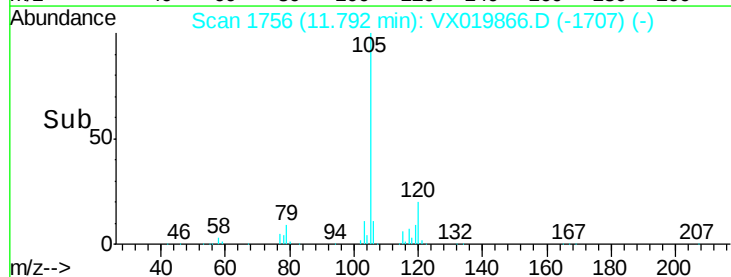
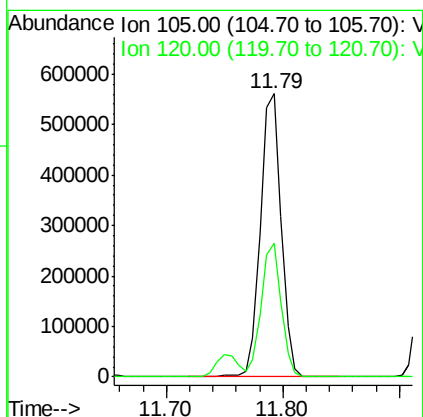
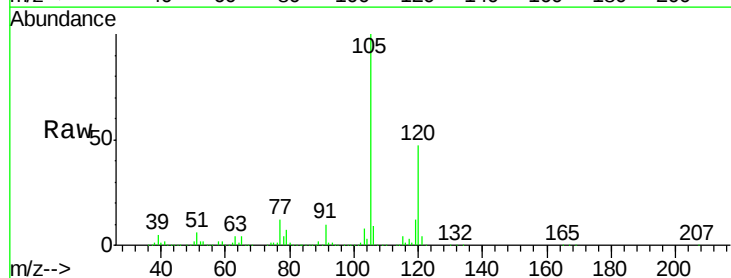
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

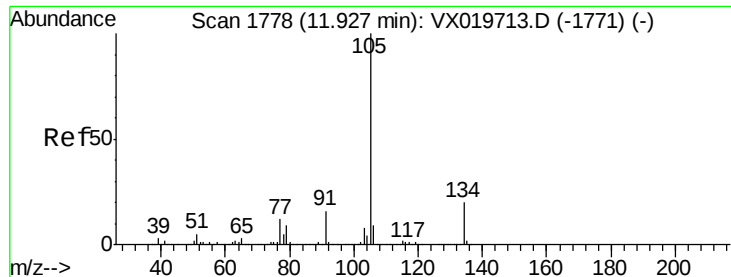
Tgt Ion:119 Resp: 674658
 Ion Ratio Lower Upper
 119 100
 91 57.5 27.9 83.7
 134 23.2 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 55.700 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

Tgt Ion:105 Resp: 702507
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.3

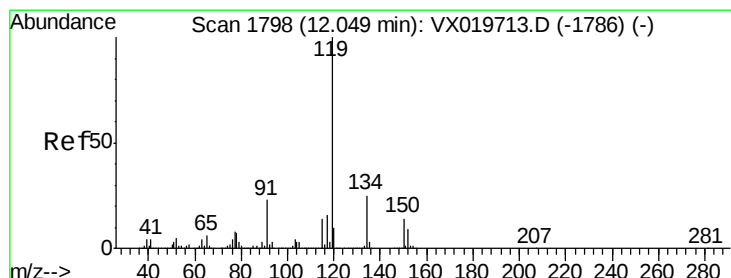
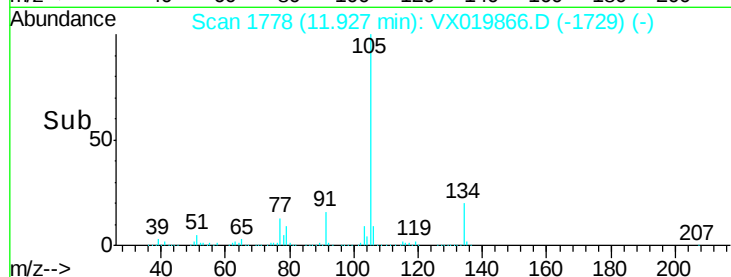
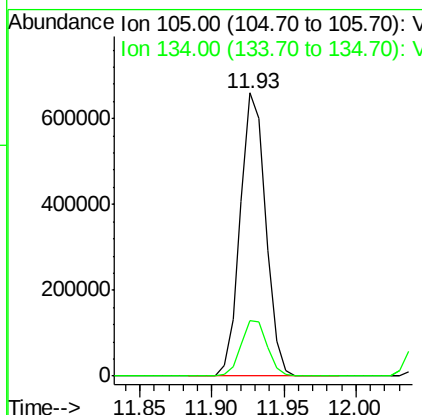
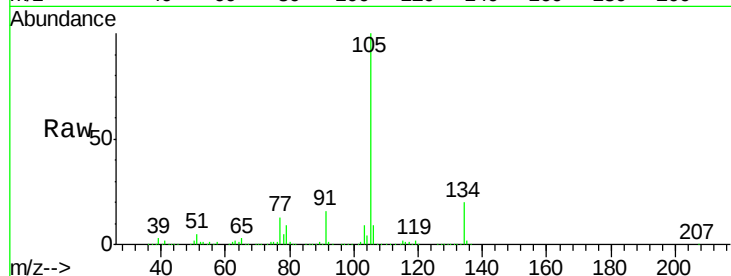




#85
 sec-Butylbenzene
 Concen: 57.853 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

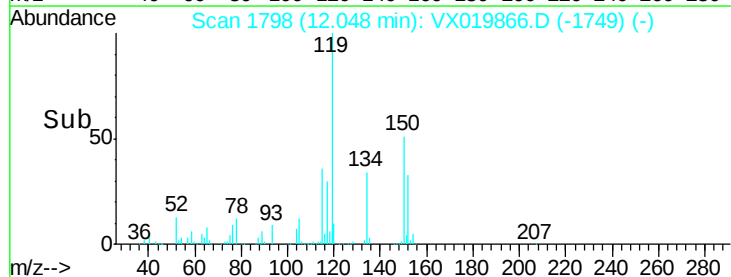
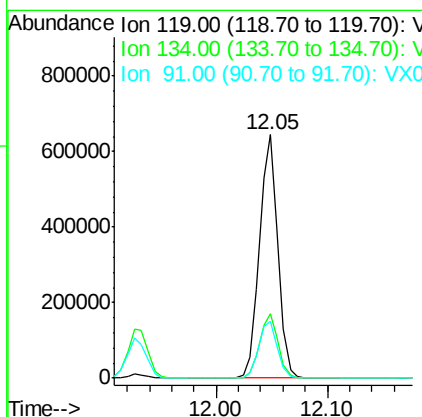
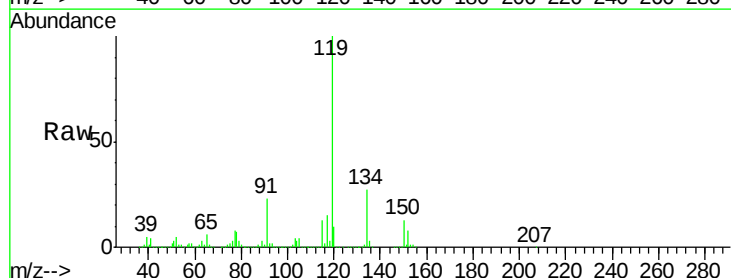
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

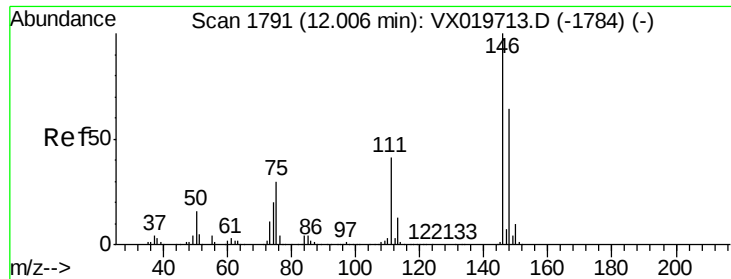
Tgt Ion:105 Resp: 811103
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 57.884 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

Tgt Ion:119 Resp: 743763
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 23.7 11.7 35.0

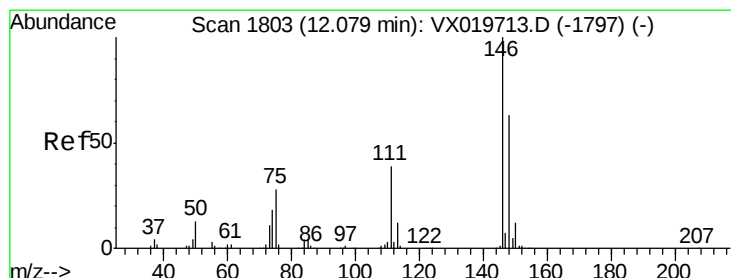
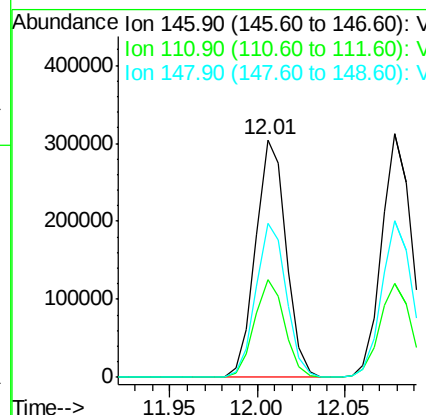
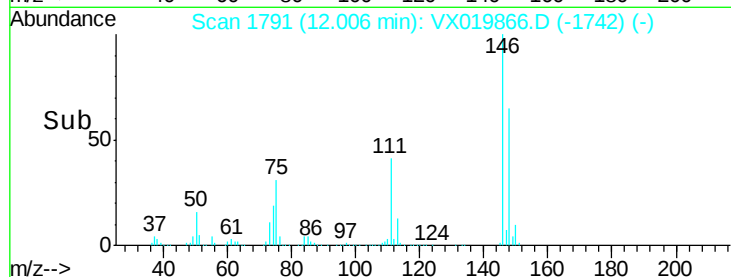
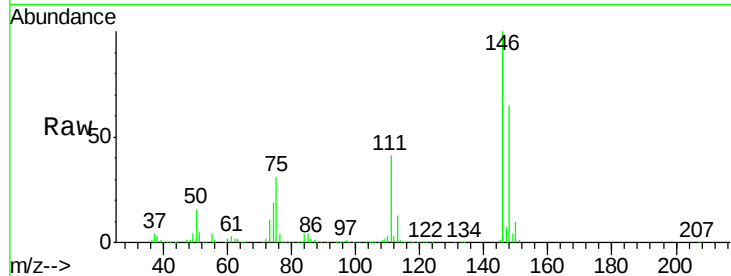




#87
 1,3-Dichlorobenzene
 Concen: 53.602 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

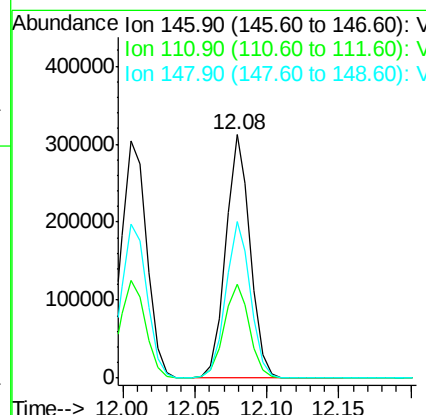
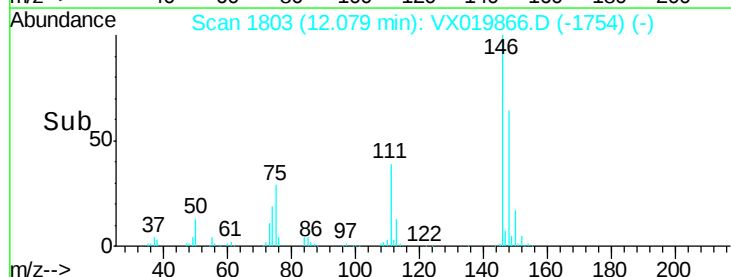
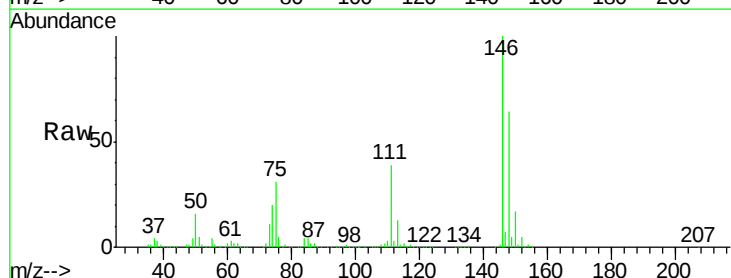
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

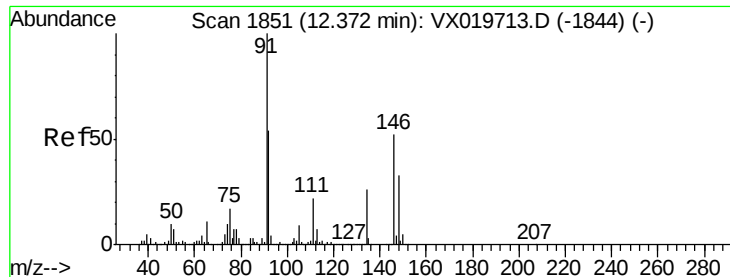
Tgt Ion:146 Resp: 373511
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.2 60.5
 148 64.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 52.340 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

Tgt Ion:146 Resp: 371466
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.8
 148 65.1 31.6 95.0

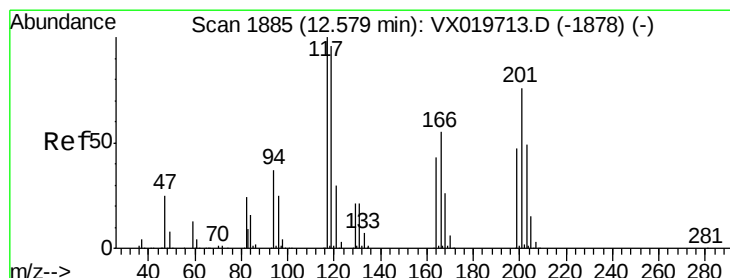
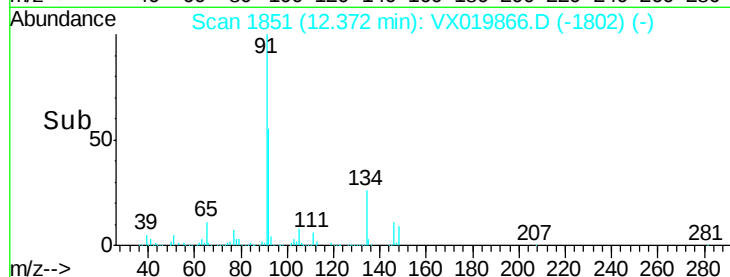
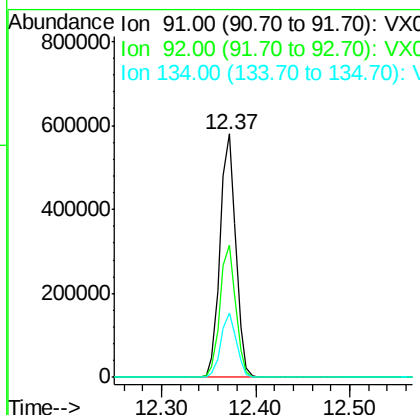
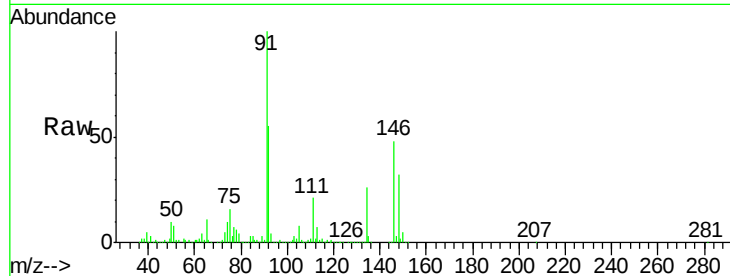




#89
n-Butylbenzene
Concen: 58.905 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

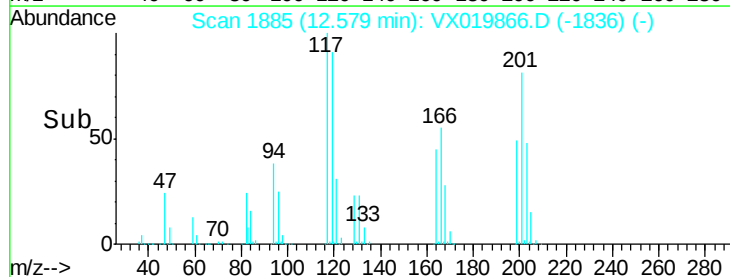
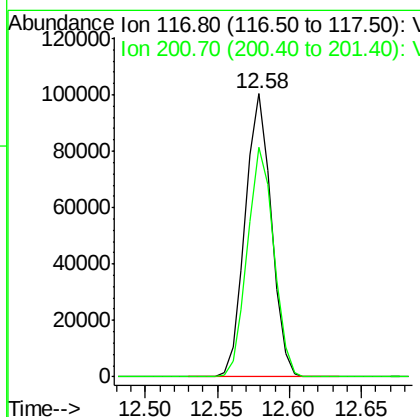
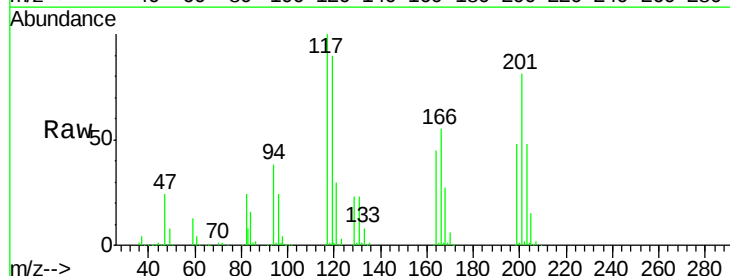
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

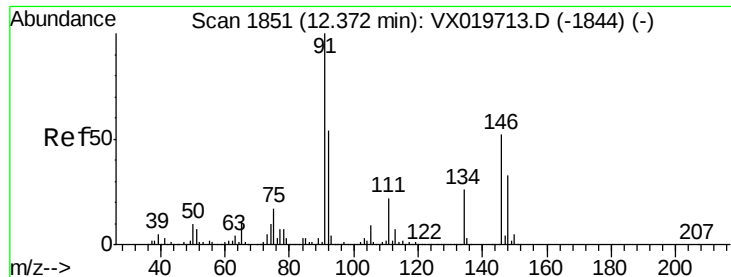
Tgt Ion: 91 Resp: 670572
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.0
134 26.2 13.2 39.5



#90
Hexachloroethane
Concen: 56.731 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Tgt Ion: 117 Resp: 125848
Ion Ratio Lower Upper
117 100
201 81.6 40.4 121.2





#91

1,2-Dichlorobenzene

Concen: 53.732 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

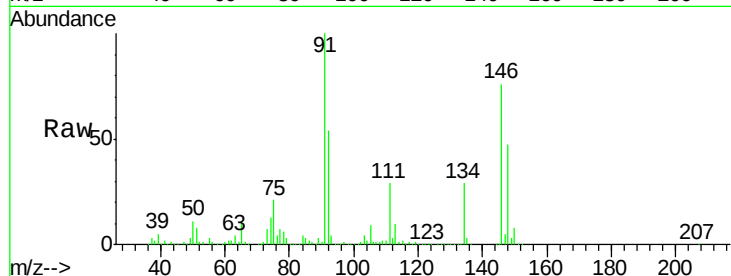
Tgt Ion:146 Resp: 364991

Ion Ratio Lower Upper

146 100

111 41.8 20.8 62.2

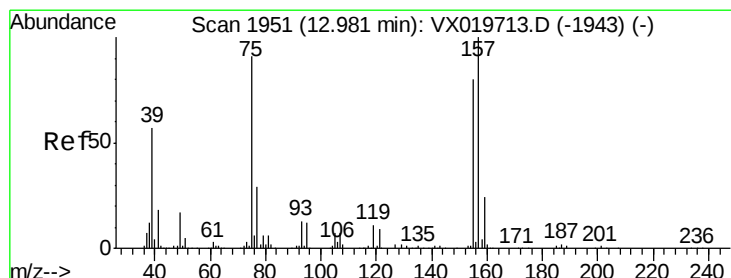
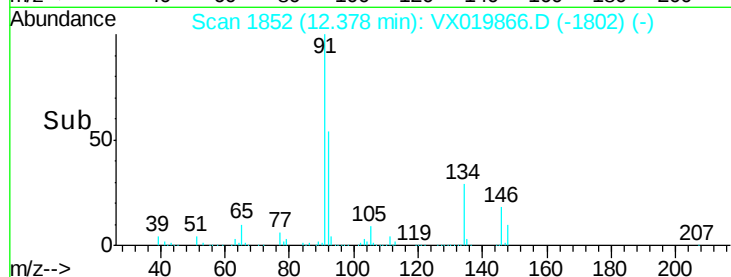
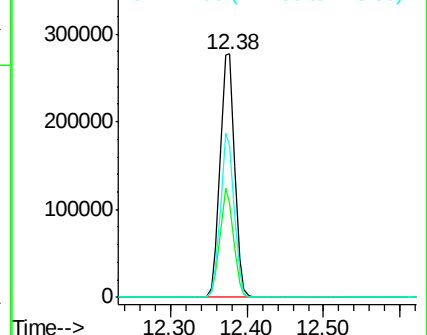
148 63.5 31.9 95.5



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: 52.596 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019866.D

Acq: 11 Dec 2020 09:53

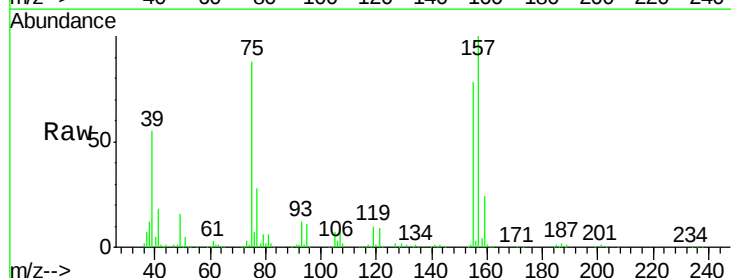
Tgt Ion: 75 Resp: 59140

Ion Ratio Lower Upper

75 100

155 90.0 45.3 135.9

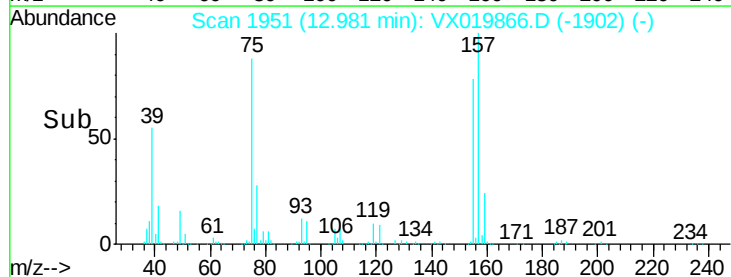
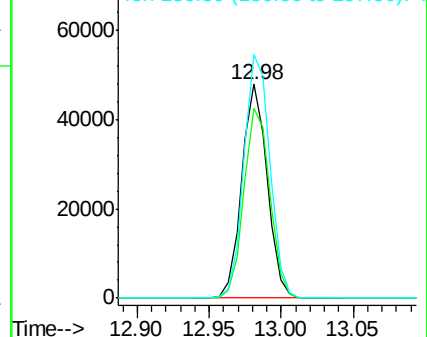
157 115.8 57.7 173.1

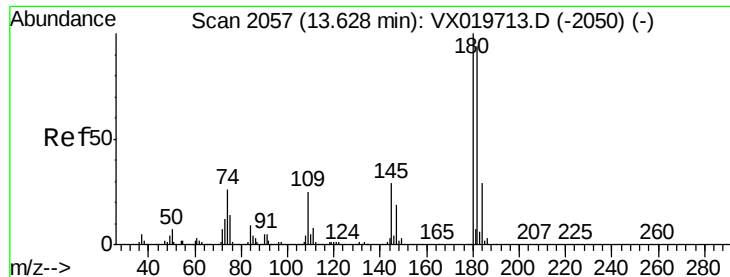


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

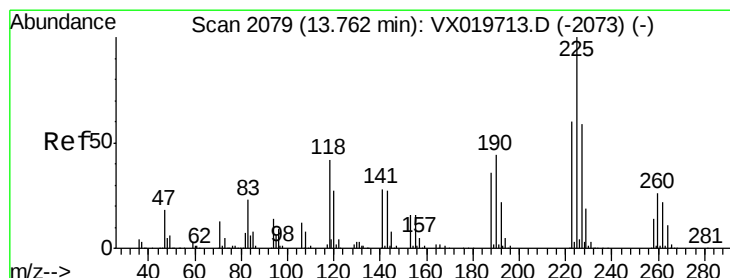
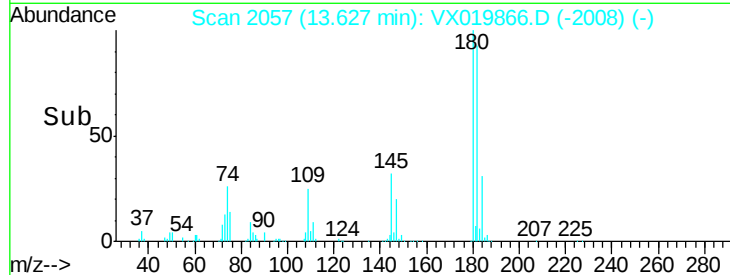
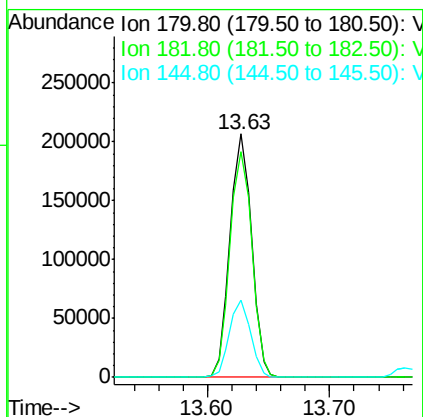
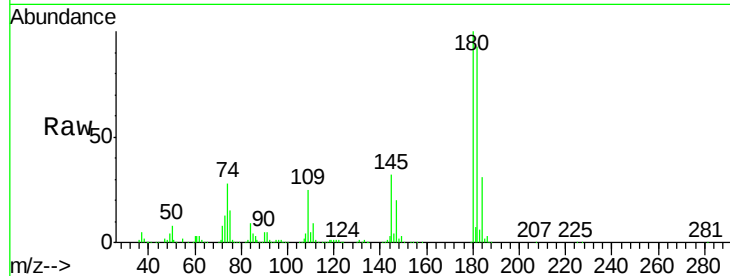




#93
 1,2,4-Trichlorobenzene
 Concen: 57.053 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

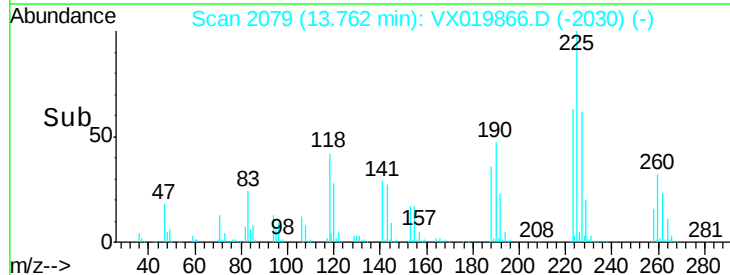
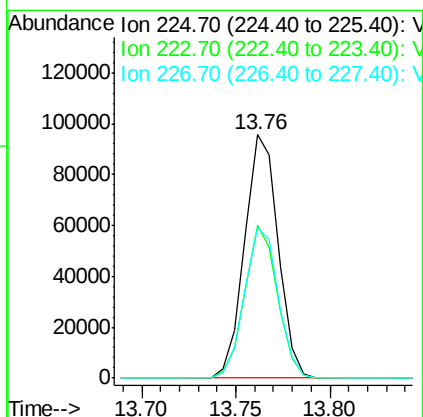
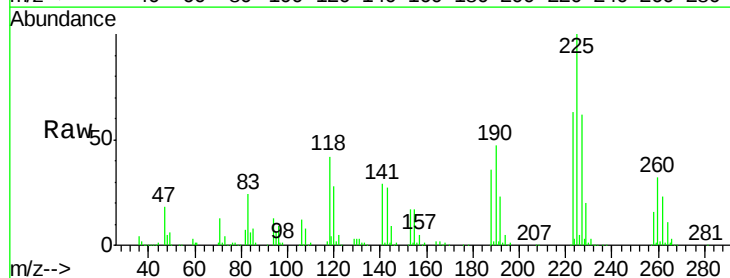
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

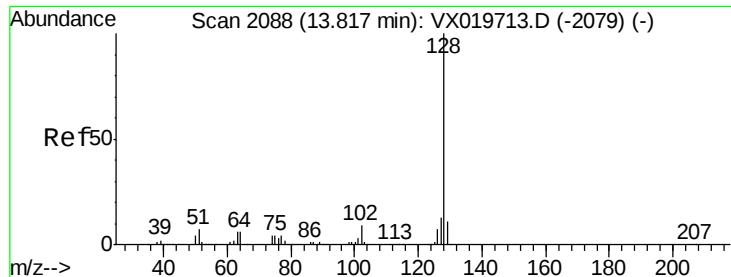
Tgt Ion:180 Resp: 252274
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.7 143.1
 145 31.2 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 59.578 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019866.D
 Acq: 11 Dec 2020 09:53

Tgt Ion:225 Resp: 117745
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.1 93.2
 227 62.6 31.6 95.0

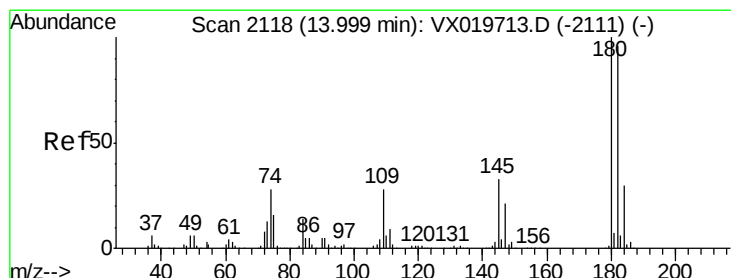
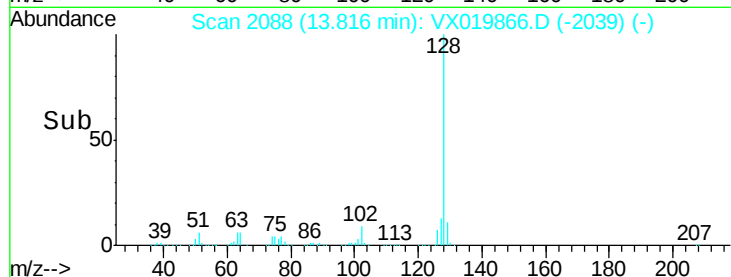
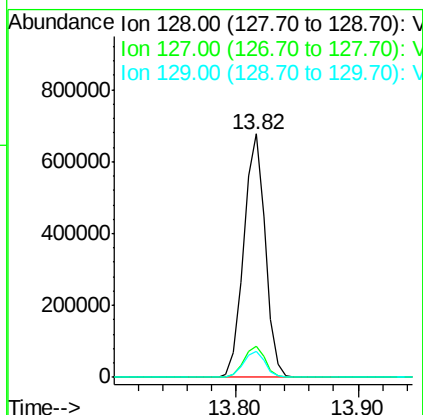
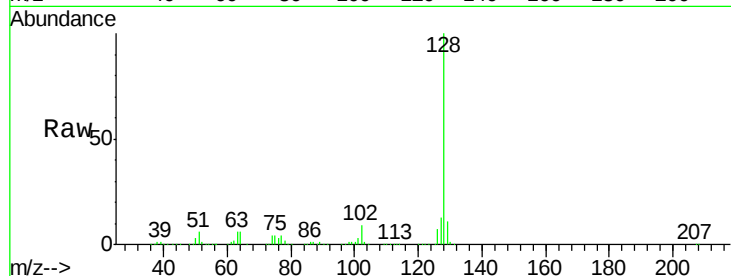




#95
Naphthalene
Concen: 57.013 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 817302
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 58.032 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019866.D
Acq: 11 Dec 2020 09:53

Tgt Ion:180 Resp: 250777
Ion Ratio Lower Upper
180 100
182 94.0 47.6 142.9
145 33.2 16.1 48.3

