

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021820\
 Data File : VX014955.D
 Acq On : 18 Feb 2020 16:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 19 00:17:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	460628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	678969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	631037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347995	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	242065	46.56	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	5.48	113	200709	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	8.71	98	753268	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
62) 4-Bromofluorobenzene	11.13	95	278755	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	216306	49.586	ug/l	97
3) Chloromethane	1.32	50	234487	47.413	ug/l	99
4) Vinyl Chloride	1.41	62	252448	47.384	ug/l	99
5) Bromomethane	1.63	94	163652	47.455	ug/l	99
6) Chloroethane	1.72	64	158775	46.576	ug/l	99
7) Trichlorofluoromethane	1.92	101	357274	47.997	ug/l	98
8) Diethyl Ether	2.18	74	142849	46.278	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	208408	48.234	ug/l	99
10) Methyl Iodide	2.50	142	241644	50.152	ug/l	99
11) Tert butyl alcohol	3.02	59	218320	237.854	ug/l	99
12) 1,1-Dichloroethene	2.37	96	199889	47.343	ug/l	96
13) Acrolein	2.28	56	171667	245.389	ug/l	98
14) Allyl chloride	2.72	41	350474	46.819	ug/l	100
15) Acrylonitrile	3.12	53	554874	238.462	ug/l	99
16) Acetone	2.43	43	540445	190.952	ug/l	100
17) Carbon Disulfide	2.56	76	534621	45.320	ug/l	100
18) Methyl Acetate	2.76	43	256829	49.053	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	670577	48.802	ug/l	100
20) Methylene Chloride	2.84	84	225154	45.023	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	216810	46.538	ug/l	97
22) Diisopropyl ether	3.84	45	710600	49.703	ug/l	96
23) Vinyl Acetate	3.80	43	3049856	258.775	ug/l	99
24) 1,1-Dichloroethane	3.69	63	389620	48.287	ug/l	100
25) 2-Butanone	4.65	43	791463	223.630	ug/l	100
26) 2,2-Dichloropropane	4.57	77	336906	48.450	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	249712	47.950	ug/l	98
28) Bromochloromethane	5.00	49	162314	51.898	ug/l	100
29) Tetrahydrofuran	5.11	42	492558	244.823	ug/l	99
30) Chloroform	5.20	83	392486	49.026	ug/l	100
31) Cyclohexane	5.56	56	351826	47.872	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	343711	49.081	ug/l	99
36) 1,1-Dichloropropene	5.79	75	299074	49.242	ug/l	99
37) Ethyl Acetate	4.81	43	302595	47.768	ug/l	100
38) Carbon Tetrachloride	5.77	117	293535	49.593	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	372459	49.034	ug/l	99
40) Benzene	6.13	78	880183	48.504	ug/l	98
41) Methacrylonitrile	5.02	41	171771	50.335	ug/l	99
42) 1,2-Dichloroethane	6.18	62	322888	49.230	ug/l	99
43) Isopropyl Acetate	6.42	43	513930	49.181	ug/l	99
44) Trichloroethene	7.20	130	254417	48.295	ug/l	98
45) 1,2-Dichloropropane	7.50	63	225591	48.745	ug/l	99
46) Dibromomethane	7.65	93	151130	47.773	ug/l	100
47) Bromodichloromethane	7.89	83	310306	49.471	ug/l	100
48) Methyl methacrylate	7.76	41	256475	49.872	ug/l	99
49) 1,4-Dioxane	7.72	88	97562	1014.659	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1555192	246.471	ug/l	100
52) Toluene	8.78	92	565946	49.103	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	346122	50.350	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	373904	49.236	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	228599	49.023	ug/l	99
56) Ethyl methacrylate	9.17	69	357923	51.066	ug/l	99
57) 1,3-Dichloropropane	9.36	76	382405	48.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	897364	244.807	ug/l	100
59) 2-Hexanone	9.48	43	1190612	240.061	ug/l	100
60) Dibromochloromethane	9.57	129	257027	51.218	ug/l	99
61) 1,2-Dibromoethane	9.67	107	242791	48.255	ug/l	100
64) Tetrachloroethene	9.33	164	260192	44.101	ug/l	97
65) Chlorobenzene	10.13	112	614396	48.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	237726	51.161	ug/l	98
67) Ethyl Benzene	10.25	91	1087217	49.947	ug/l	100
68) m/p-Xylenes	10.36	106	842844	100.512	ug/l	99
69) o-Xylene	10.69	106	406604	50.443	ug/l	100
70) Styrene	10.70	104	701673	51.455	ug/l	100
71) Bromoform	10.85	173	198539	51.189	ug/l #	99
73) Isopropylbenzene	11.01	105	1084841	49.711	ug/l	100
74) N-amyl acetate	10.89	43	450005	49.628	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	336776	47.209	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	395604	62.865	ug/l	92
77) Bromobenzene	11.25	156	287490	47.198	ug/l	99
78) n-propylbenzene	11.35	91	1248803	49.476	ug/l	99
79) 2-Chlorotoluene	11.42	91	726732	48.975	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	908202	49.807	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	118960	48.388	ug/l	98
82) 4-Chlorotoluene	11.50	91	849759	48.358	ug/l	100
83) tert-Butylbenzene	11.76	119	888781	51.472	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	919950	50.062	ug/l	100
85) sec-Butylbenzene	11.94	105	1075565	50.141	ug/l	99
86) p-Isopropyltoluene	12.06	119	1010690	50.350	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	519888	47.577	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	517069	46.337	ug/l	100
89) n-Butylbenzene	12.38	91	901800	50.162	ug/l	99
90) Hexachloroethane	12.59	117	178383	50.886	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	513022	47.874	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73257	43.772	ug/l	98

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Quant Title : SW846 8260
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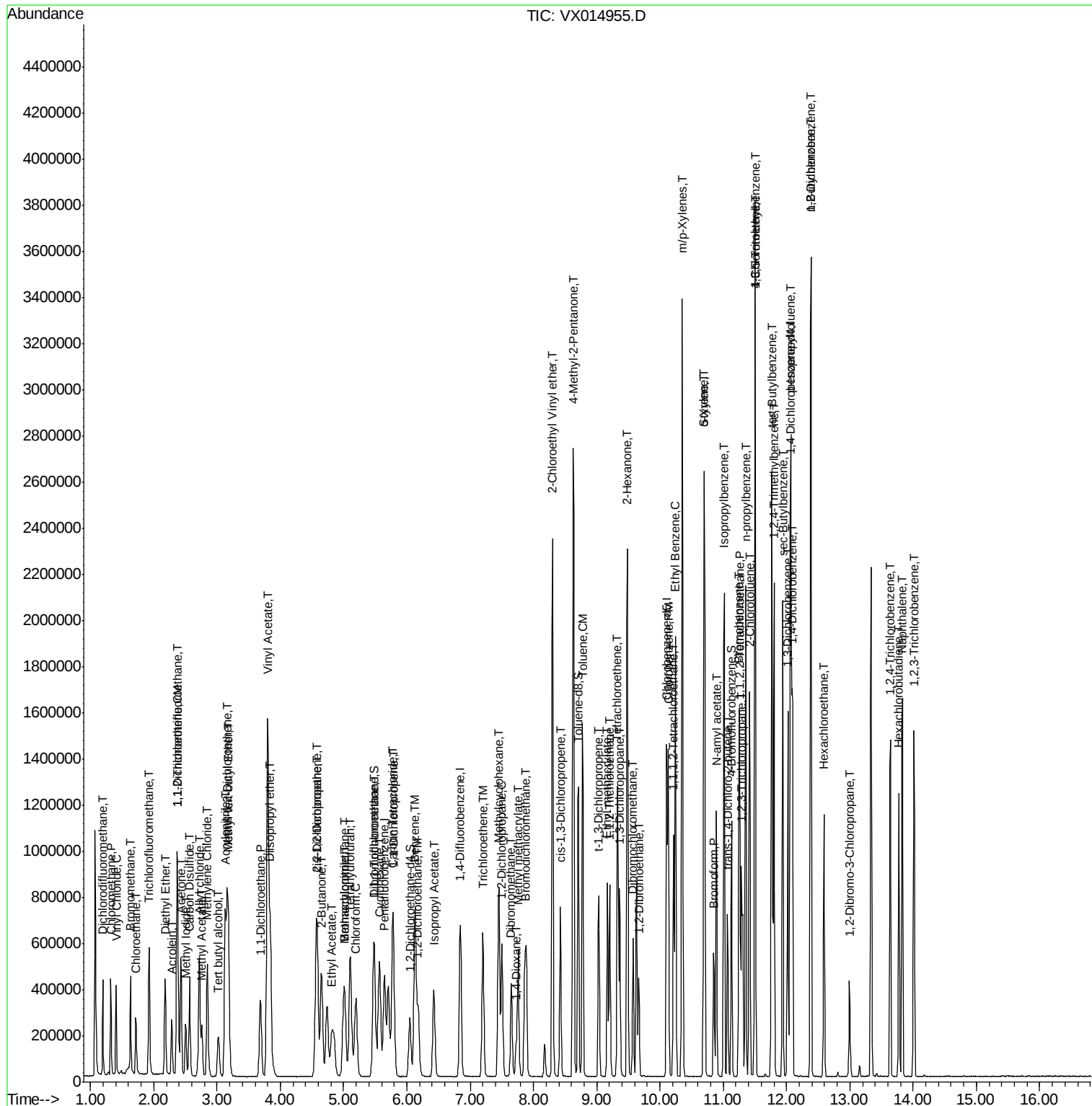
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	380852	48.151	ug/l	97
94) Hexachlorobutadiene	13.78	225	185536	48.497	ug/l	98
95) Naphthalene	13.83	128	1043908	49.638	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	368053	48.164	ug/l	98

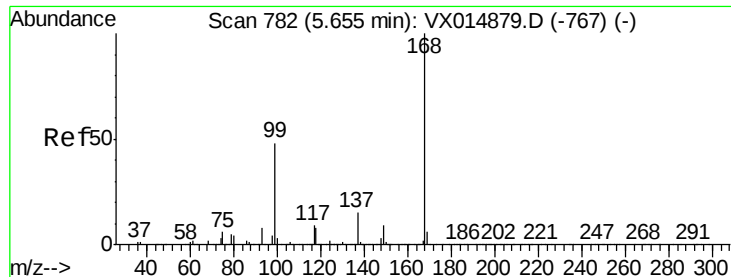
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

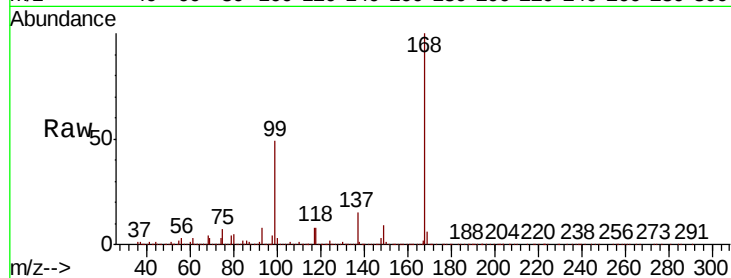
VSTDCCC050EC

Tot Ion:168 Resp: 460628

Ion Ratio Lower Upper

168 100

99 48.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

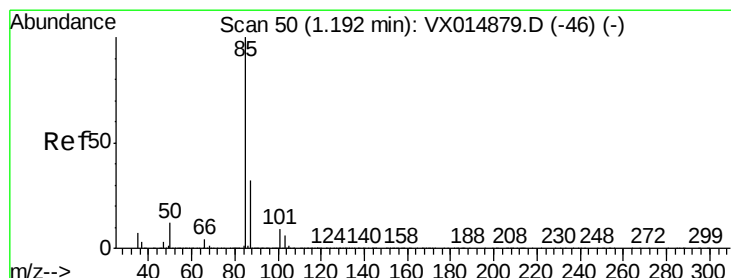
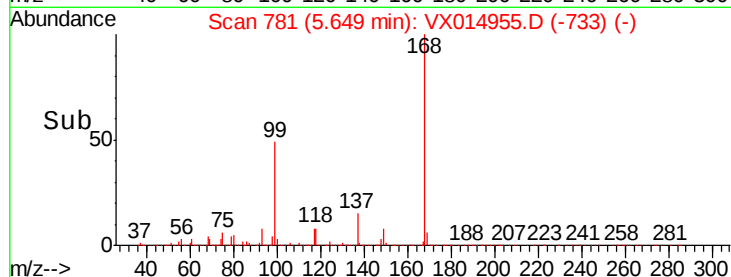
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.586 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014955.D

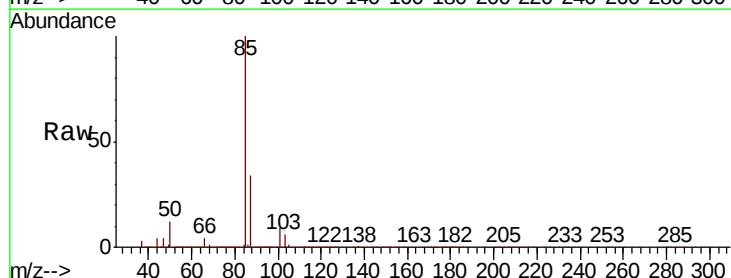
Acq: 18 Feb 2020 16:36

Tgt Ion: 85 Resp: 216306

Ion Ratio Lower Upper

85 100

87 33.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

150000

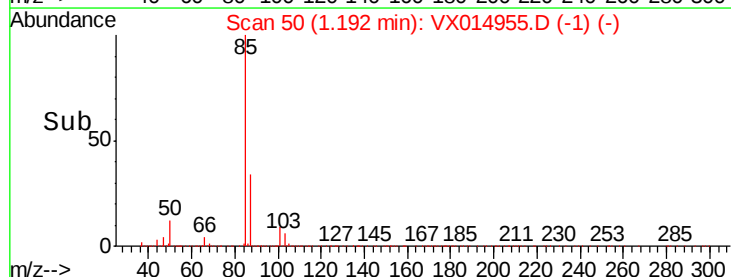
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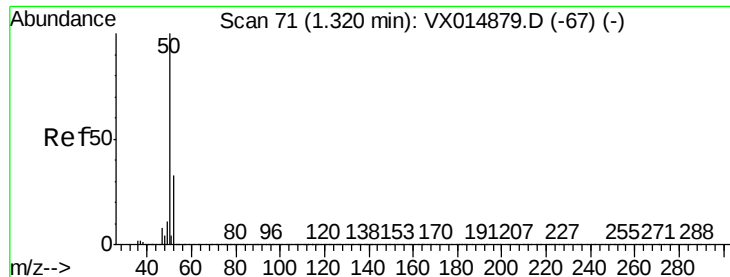
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.413 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

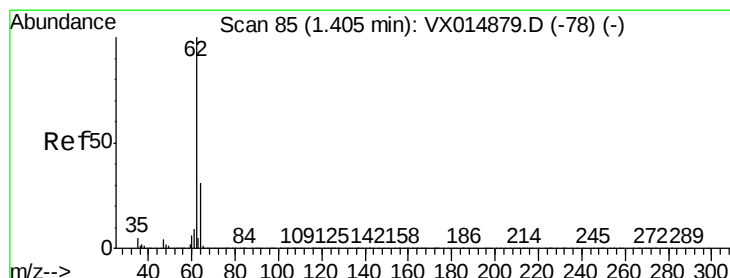
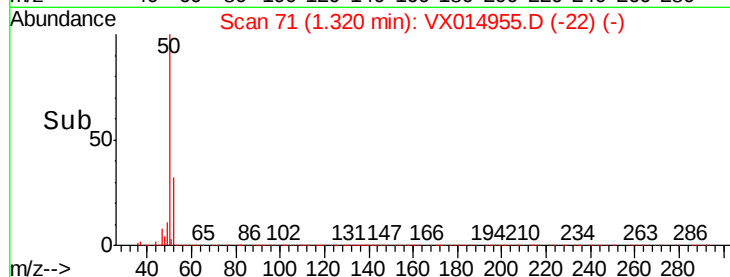
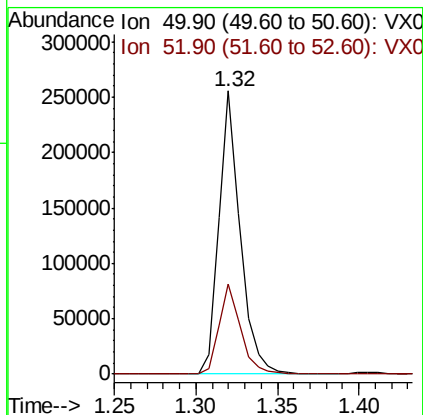
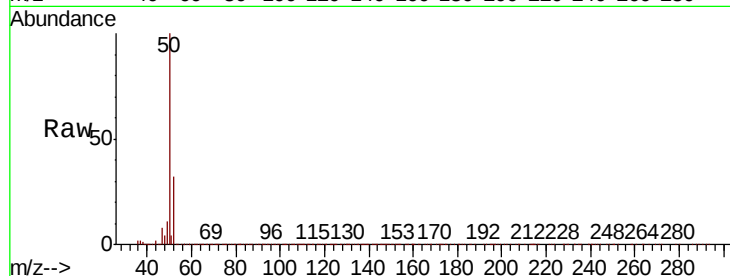
VSTDCCC050EC

Tot Ion: 50 Resp: 234487

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.2



#4

Vinyl Chloride

Concen: 47.384 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX014955.D

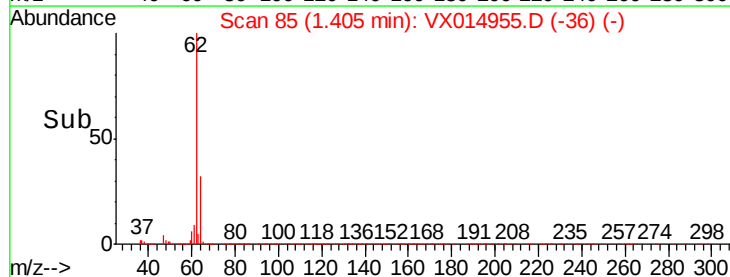
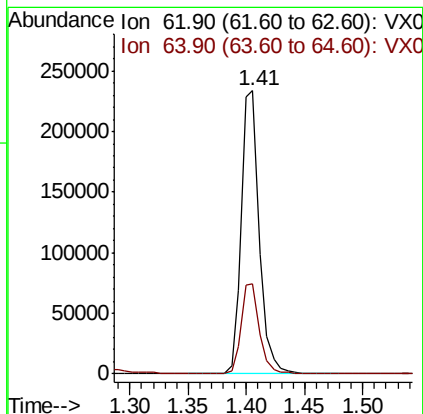
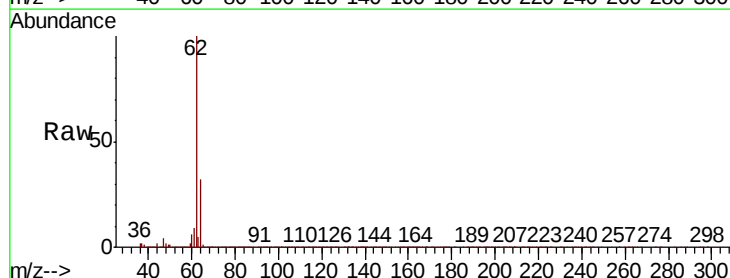
Acq: 18 Feb 2020 16:36

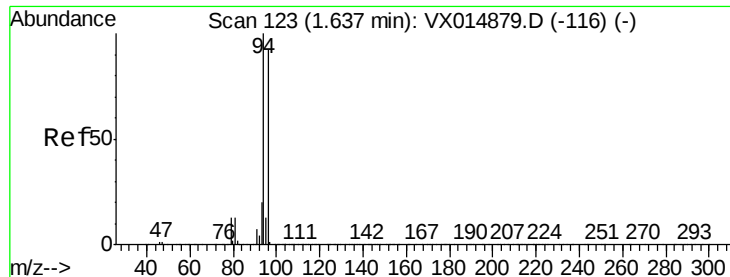
Tgt Ion: 62 Resp: 252448

Ion Ratio Lower Upper

62 100

64 31.7 24.8 37.2





#5

Bromomethane

Concen: 47.455 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

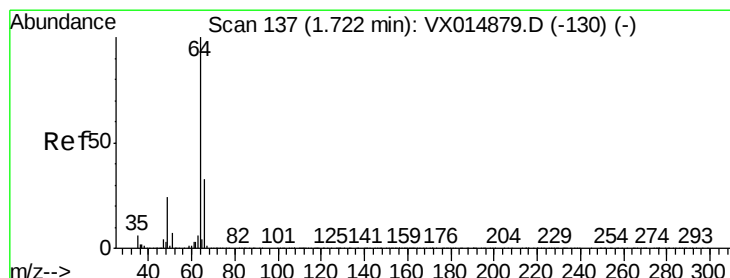
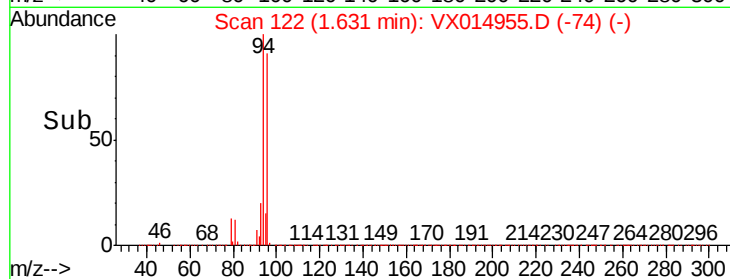
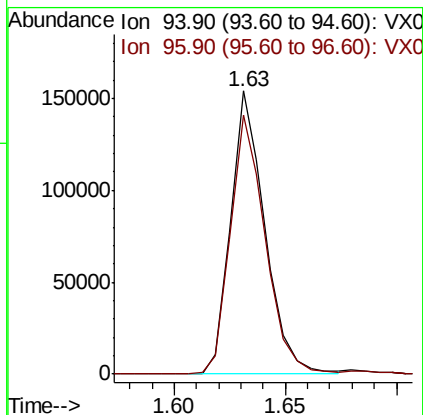
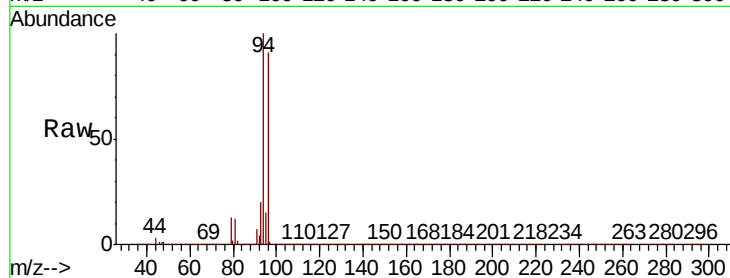
VSTDCCC050EC

Tot Ion: 94 Resp: 163652

Ion Ratio Lower Upper

94 100

96 91.4 73.7 110.5



#6

Chloroethane

Concen: 46.576 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014955.D

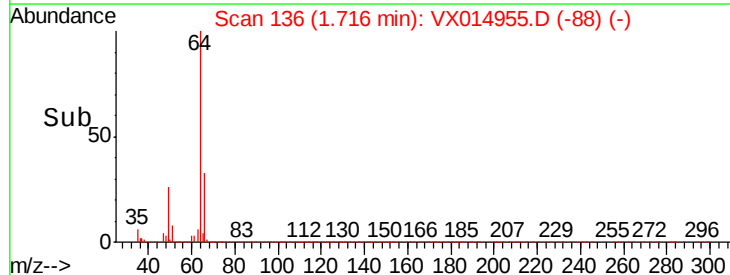
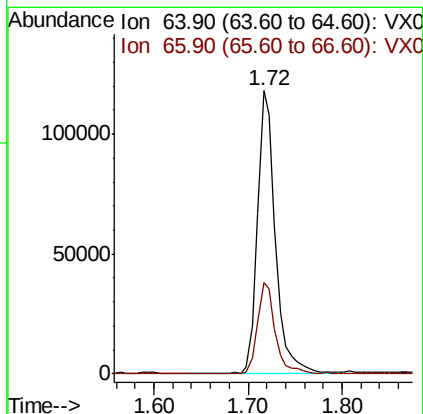
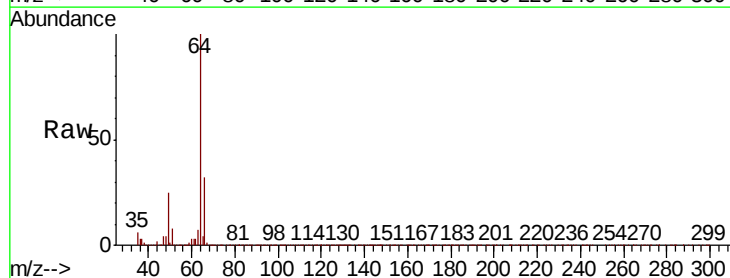
Acq: 18 Feb 2020 16:36

Tgt Ion: 64 Resp: 158775

Ion Ratio Lower Upper

64 100

66 32.1 26.2 39.4



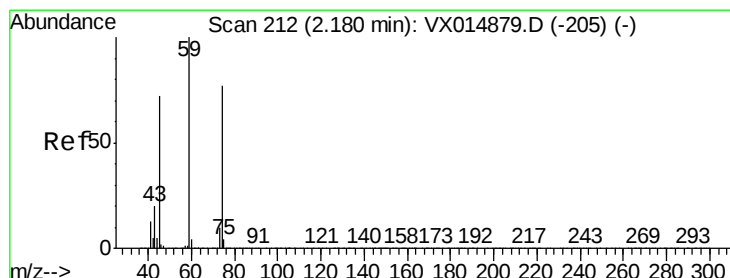
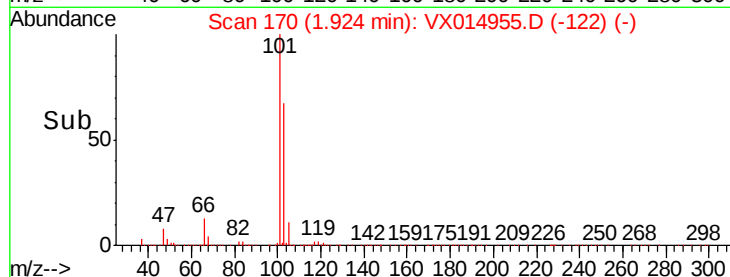
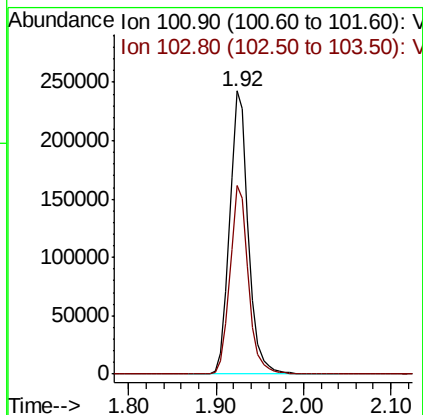
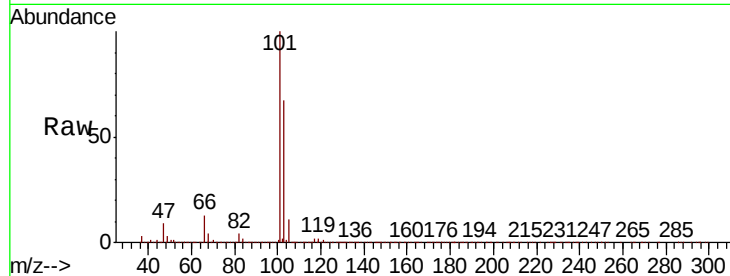


#7

Trichlorofluoromethane
Concen: 47.997 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014955.D
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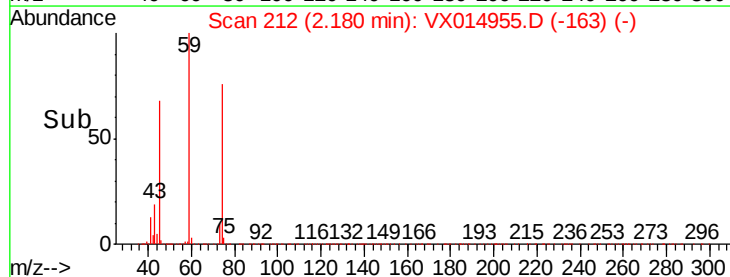
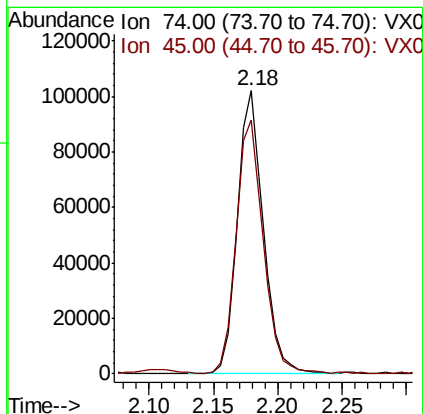
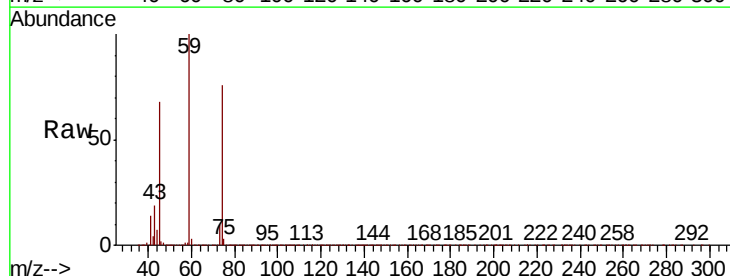
Tot Ion:101 Resp: 357274
Ion Ratio Lower Upper
101 100
103 66.6 52.2 78.4

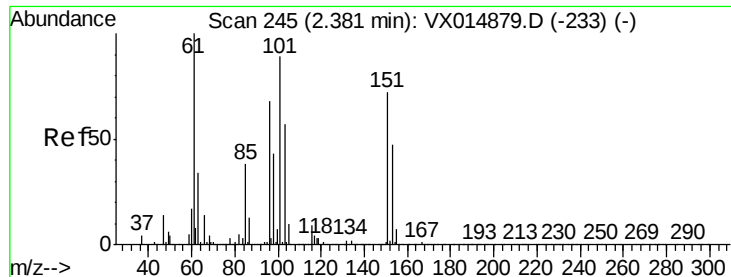


#8

Diethyl Ether
Concen: 46.278 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion: 74 Resp: 142849
Ion Ratio Lower Upper
74 100
45 92.6 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.234 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

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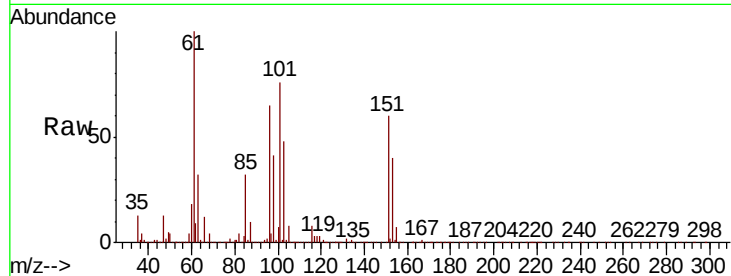
Tot Ion:101 Resp: 208408

Ion Ratio Lower Upper

101 100

85 43.5 34.1 51.1

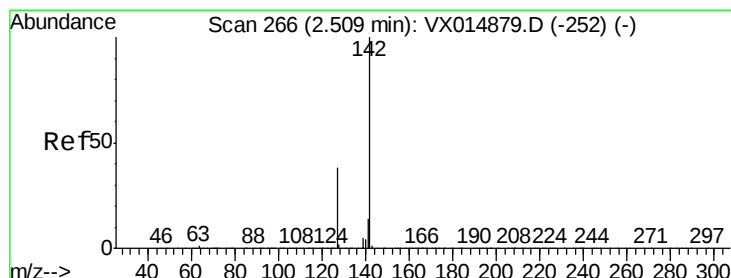
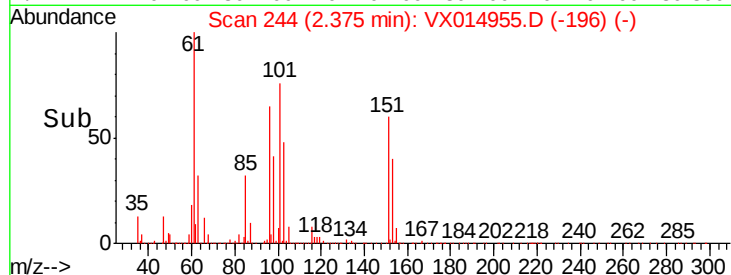
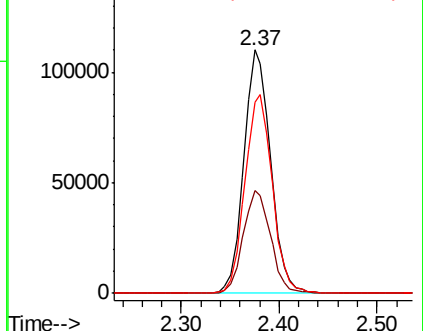
151 83.5 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.152 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

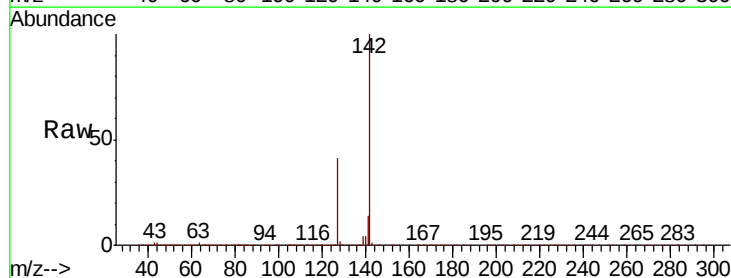
Tgt Ion:142 Resp: 241644

Ion Ratio Lower Upper

142 100

127 39.5 31.1 46.7

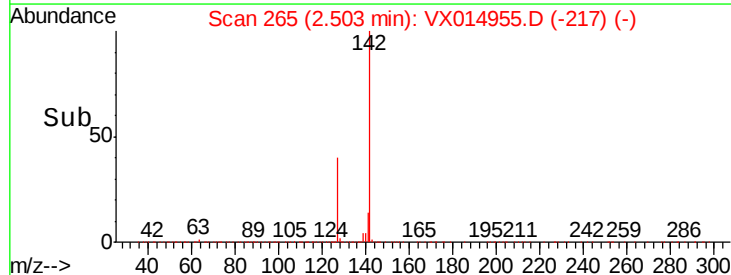
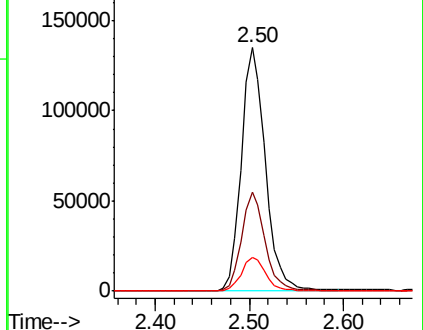
141 14.2 11.3 16.9

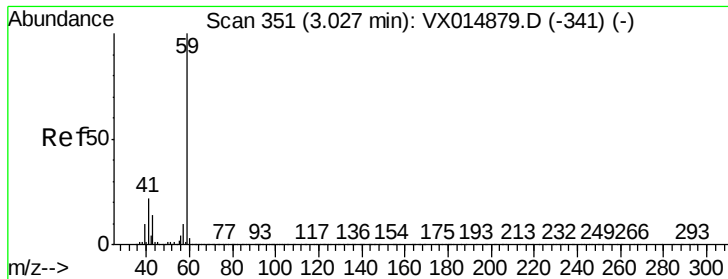


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



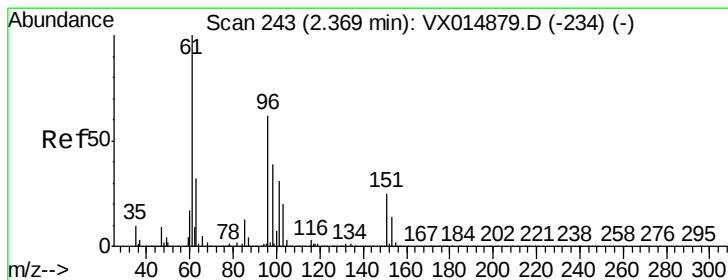
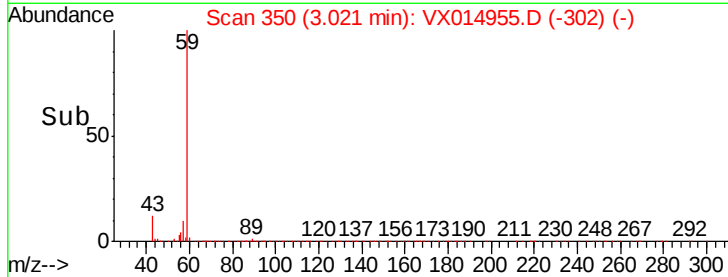
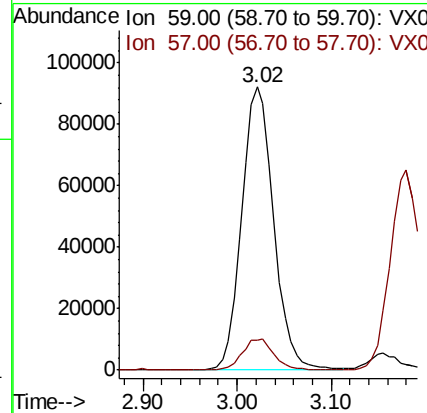
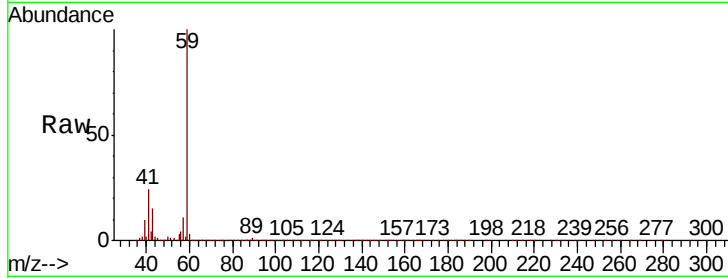


#11

Tert butyl alcohol
Concen: 237.854 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

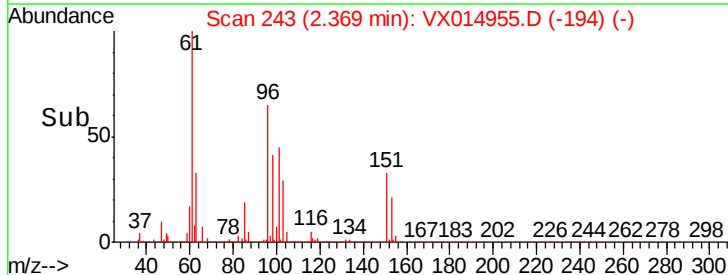
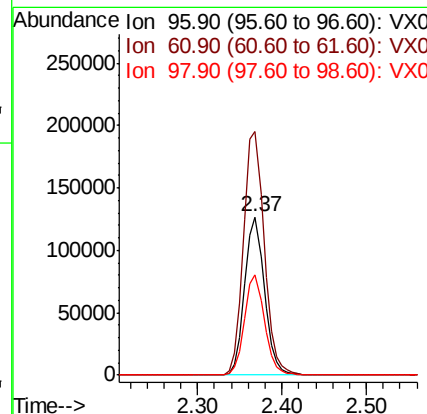
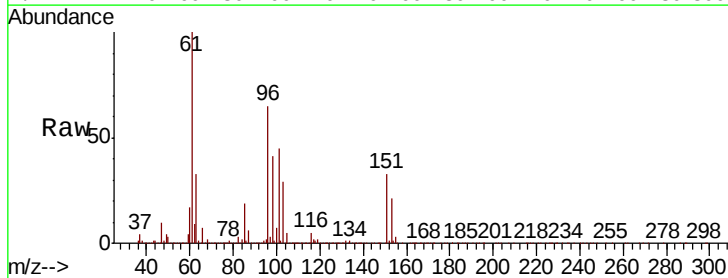
Tot Ion: 59 Resp: 218320
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

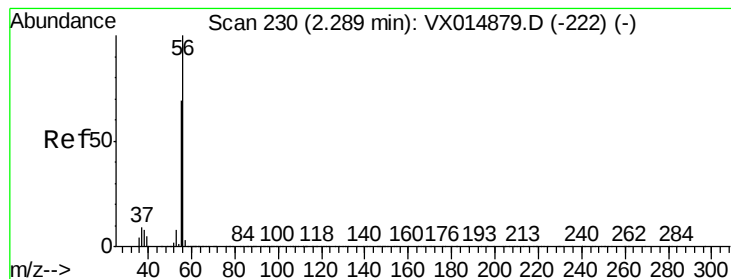


#12

1,1-Dichloroethene
Concen: 47.343 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion: 96 Resp: 199889
Ion Ratio Lower Upper
96 100
61 154.0 129.5 194.3
98 63.2 50.6 76.0





#13

Acrolein

Concen: 245.389 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

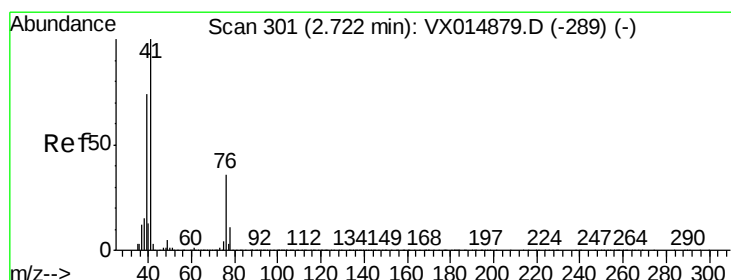
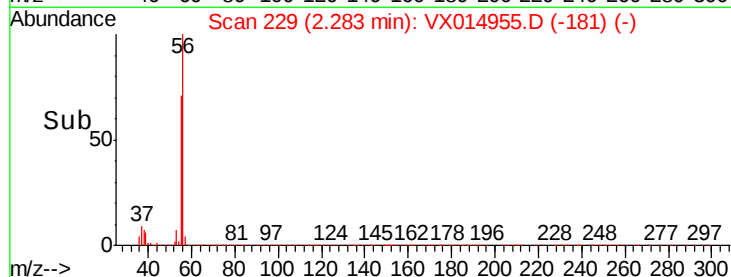
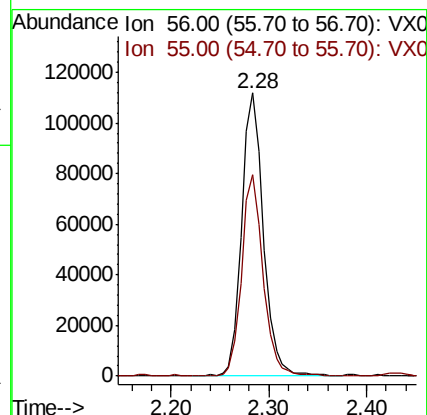
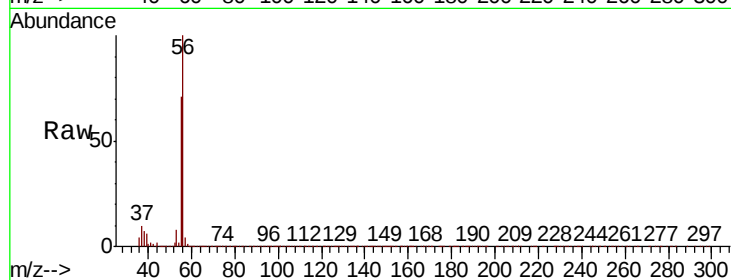
VSTDCCC050EC

Tot Ion: 56 Resp: 171667

Ion Ratio Lower Upper

56 100

55 70.1 55.0 82.4



#14

Allyl chloride

Concen: 46.819 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

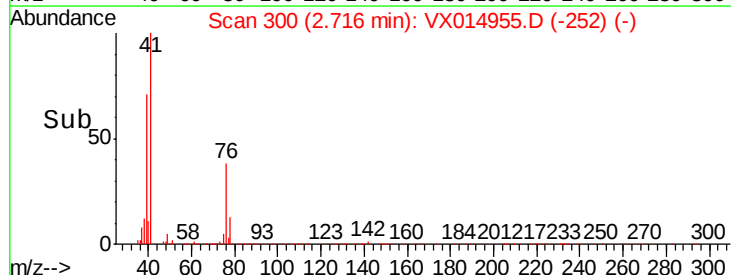
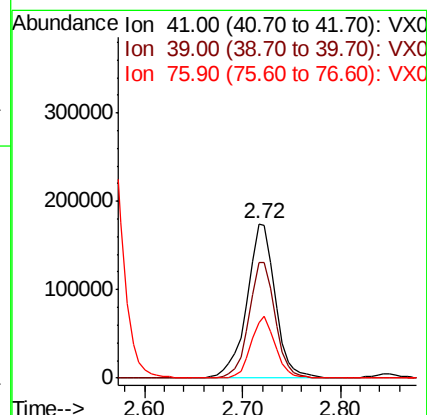
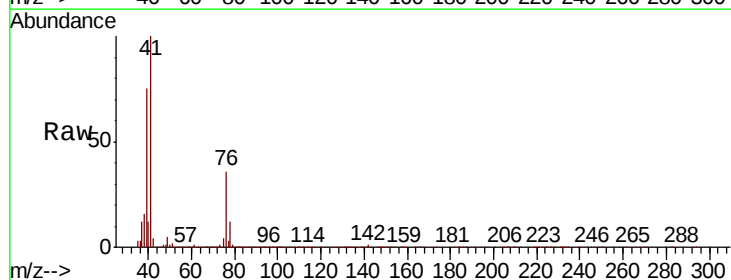
Tgt Ion: 41 Resp: 350474

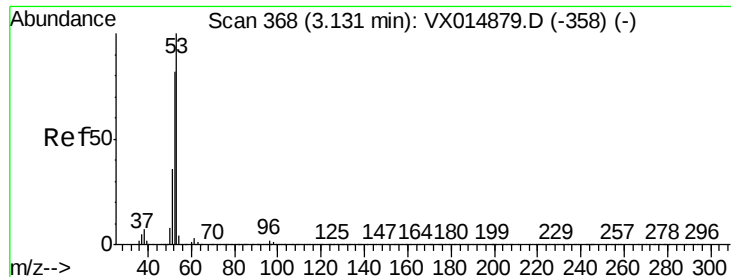
Ion Ratio Lower Upper

41 100

39 69.1 55.2 82.8

76 33.9 26.8 40.2

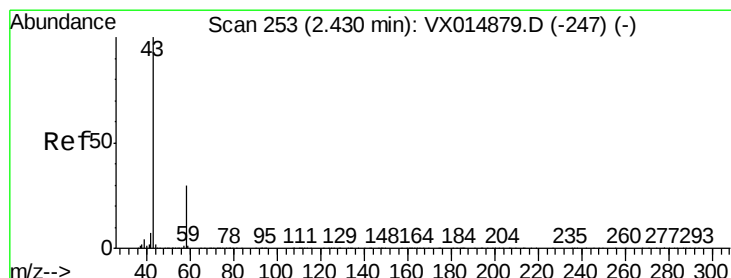
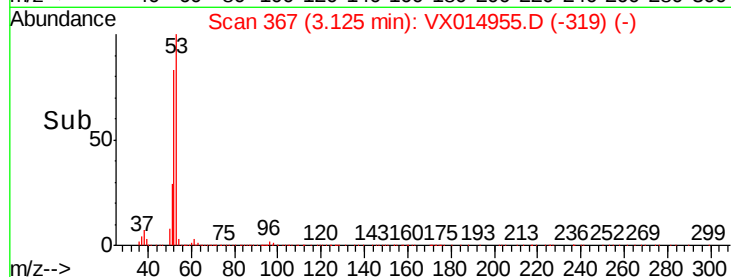
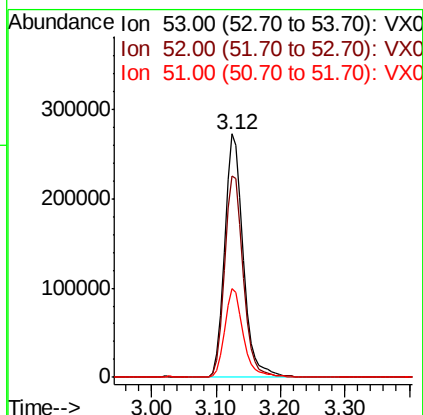
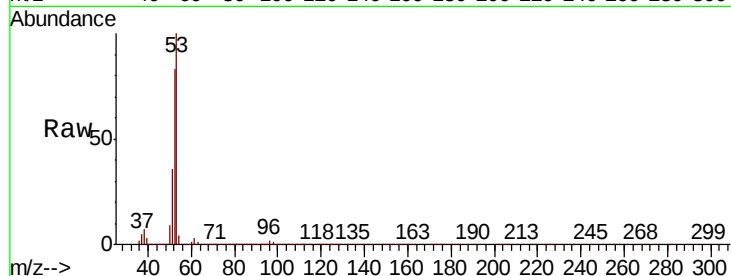




#15
 Acrylonitrile
 Concen: 238.462 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX014955.D
 Acq: 18 Feb 2020 16:36

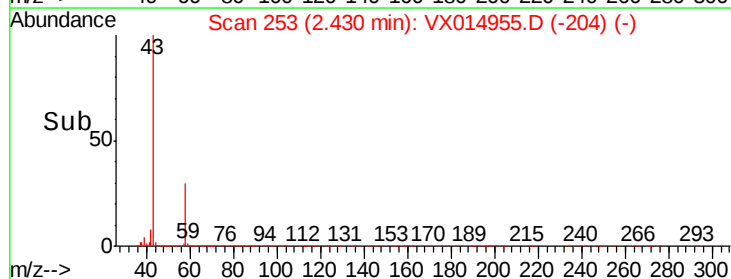
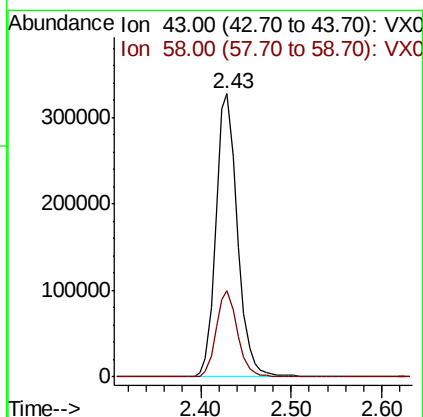
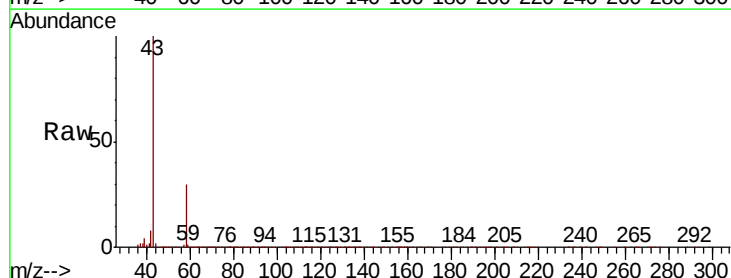
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

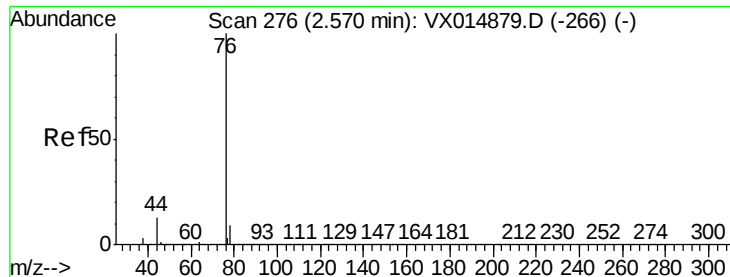
Tot Ion	53	Resp	554874
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.8	98.6
51	36.2	29.1	43.7



#16
 Acetone
 Concen: 190.952 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014955.D
 Acq: 18 Feb 2020 16:36

Tgt Ion	43	Resp	540445
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.1	36.1





#17

Carbon Disulfide

Concen: 45.320 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

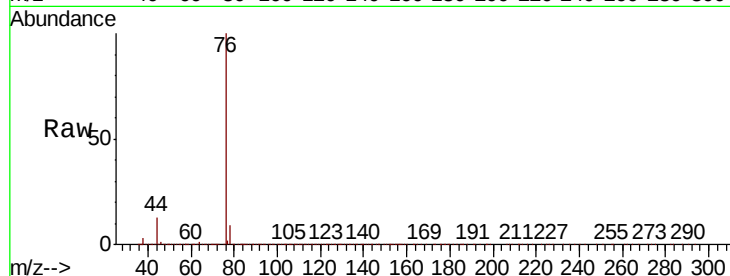
VSTDCCC050EC

Tot Ion: 76 Resp: 534621

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

300000

200000

100000

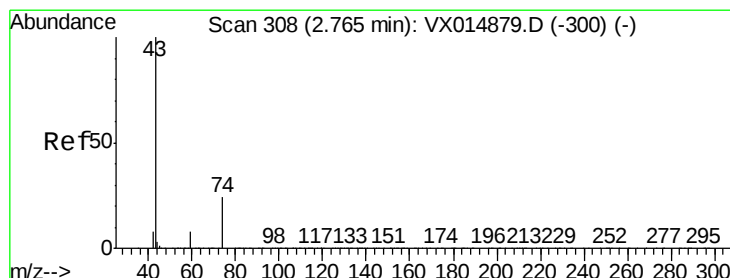
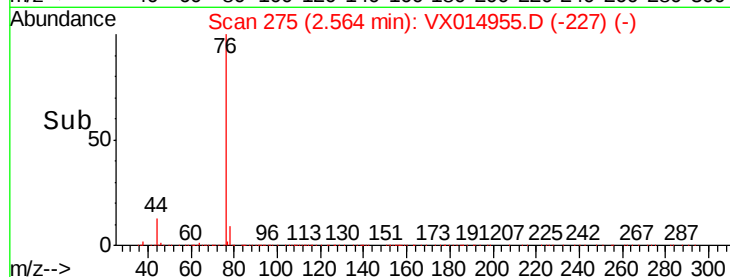
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 49.053 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014955.D

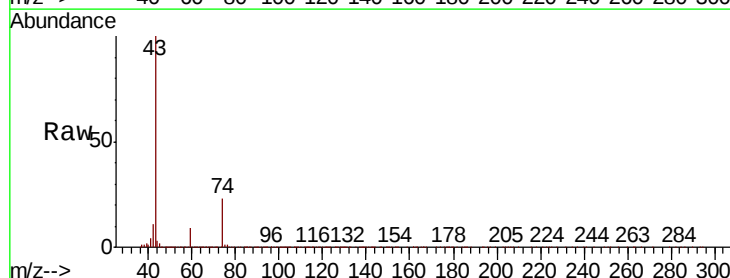
Acq: 18 Feb 2020 16:36

Tgt Ion: 43 Resp: 256829

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

150000

100000

50000

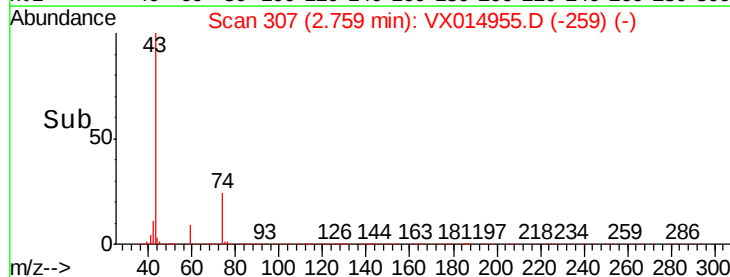
0

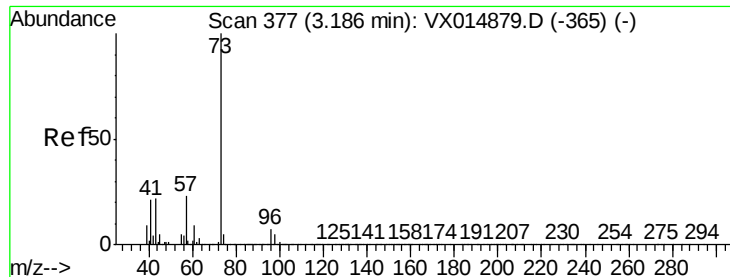
Time-->

2.70

2.80

2.90

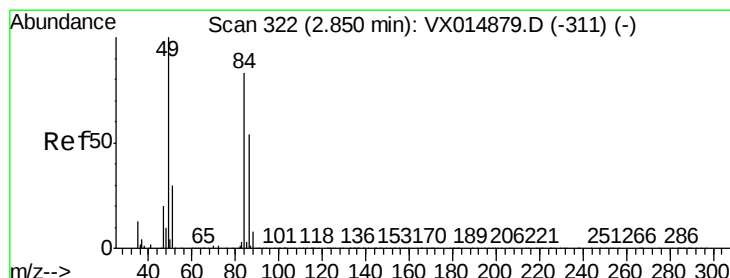
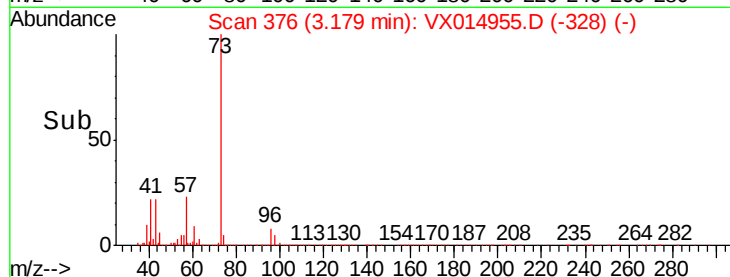
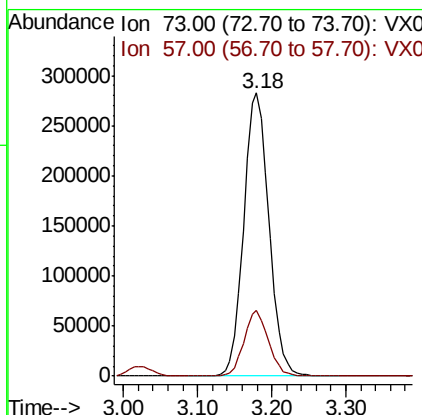
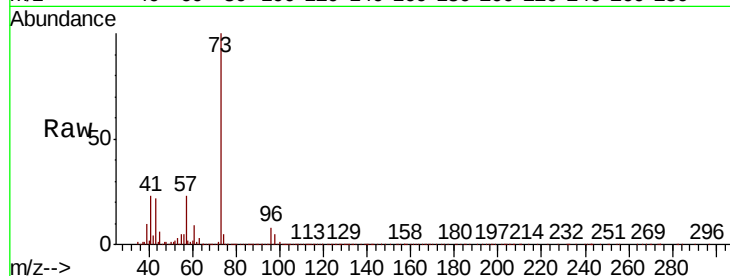




#19
Methyl tert-butyl Ether
Concen: 48.802 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

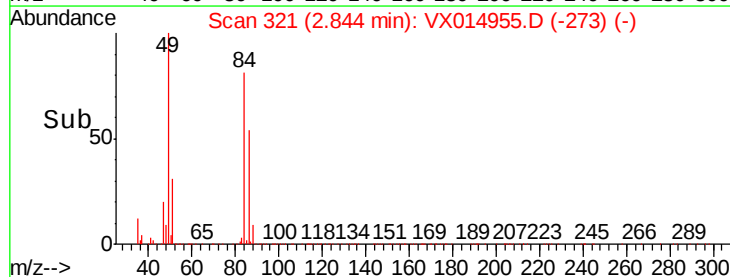
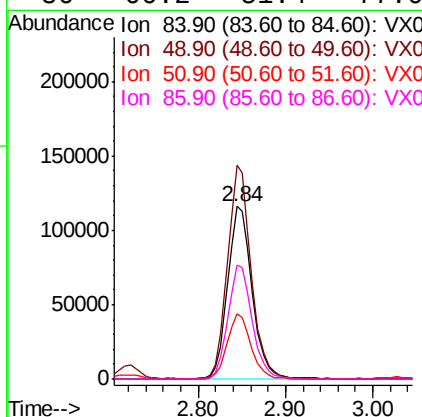
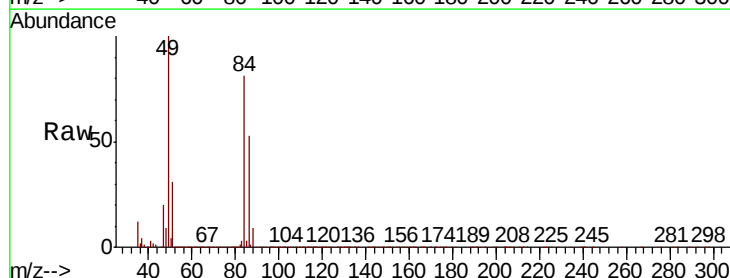
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

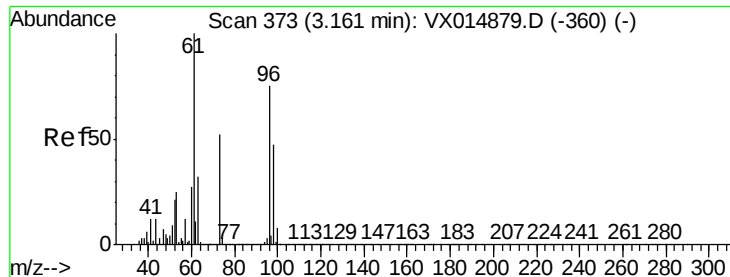
Tot Ion: 73 Resp: 670577
Ion Ratio Lower Upper
73 100
57 23.0 18.2 27.4



#20
Methylene Chloride
Concen: 45.023 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion: 84 Resp: 225154
Ion Ratio Lower Upper
84 100
49 123.8 95.6 143.4
51 37.9 29.0 43.6
86 66.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 46.538 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

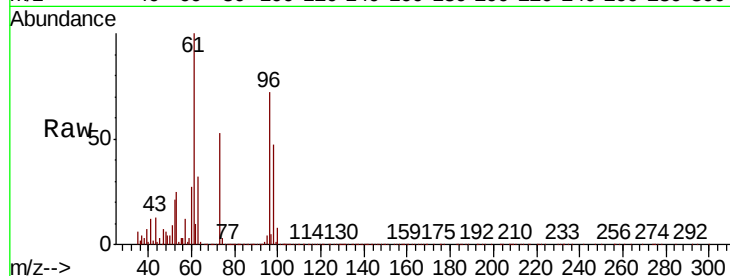
Tot Ion: 96 Resp: 216810

Ion Ratio Lower Upper

96 100

61 138.1 106.9 160.3

98 64.2 50.7 76.1

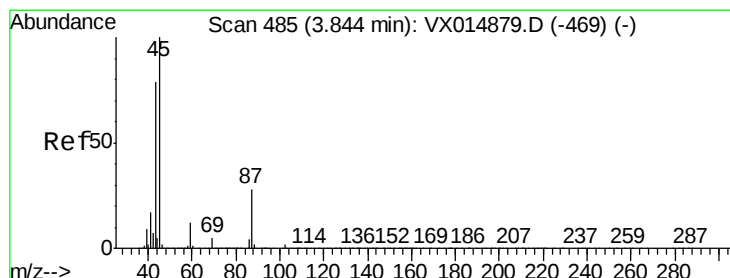
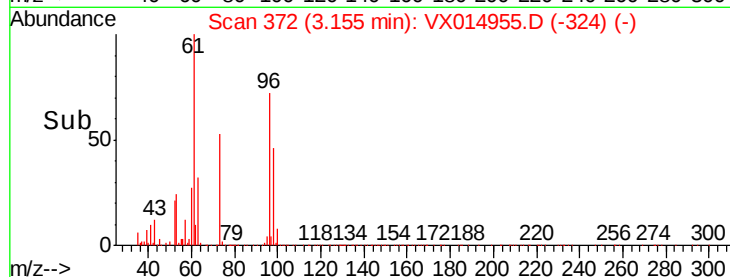
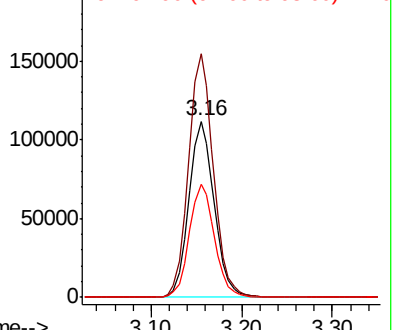


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.703 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Tgt Ion: 45 Resp: 710600

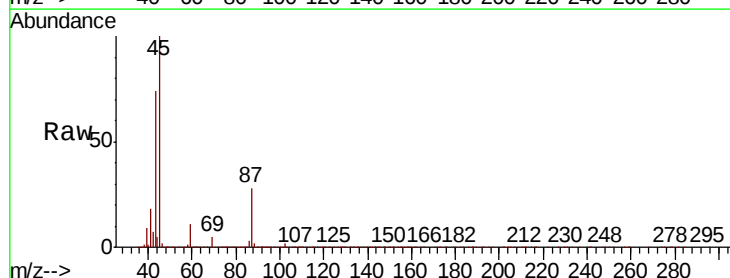
Ion Ratio Lower Upper

45 100

43 74.3 63.5 95.3

87 28.0 22.2 33.4

59 10.9 9.4 14.0



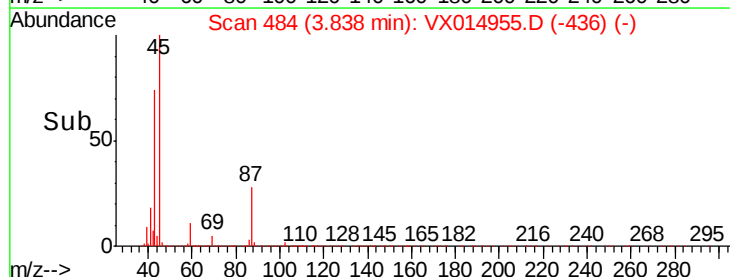
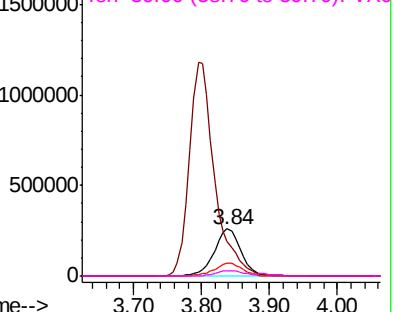
Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 258.775 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

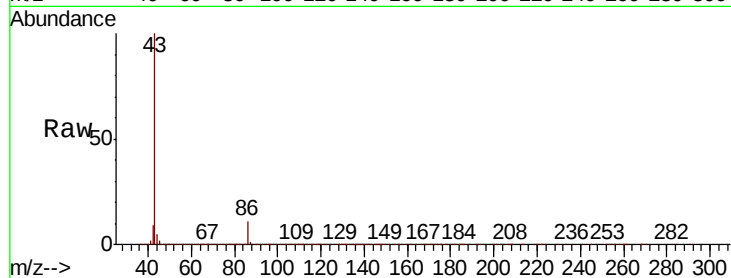
VSTDCCC050EC

Tot Ion: 43 Resp: 3049856

Ion Ratio Lower Upper

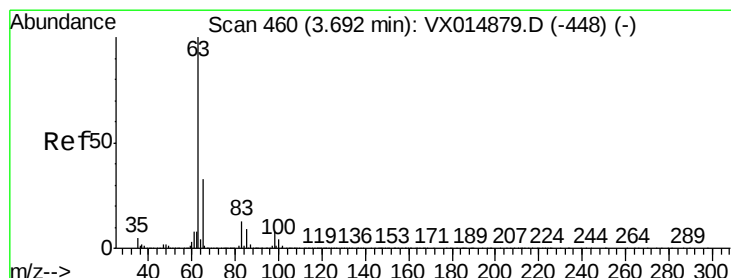
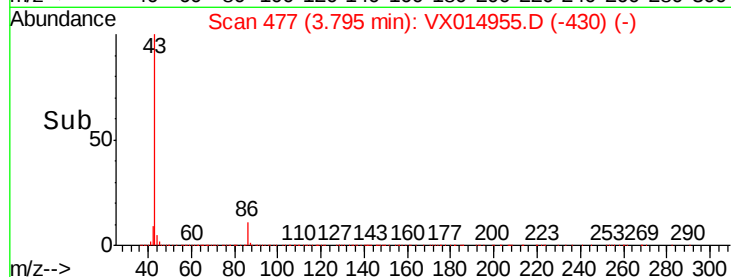
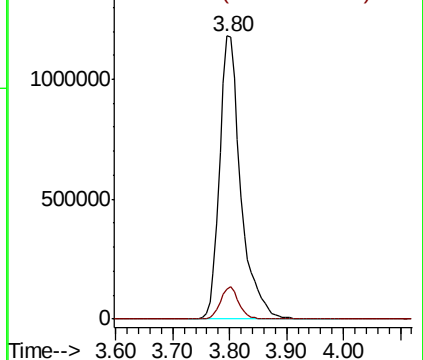
43 100

86 10.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.287 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

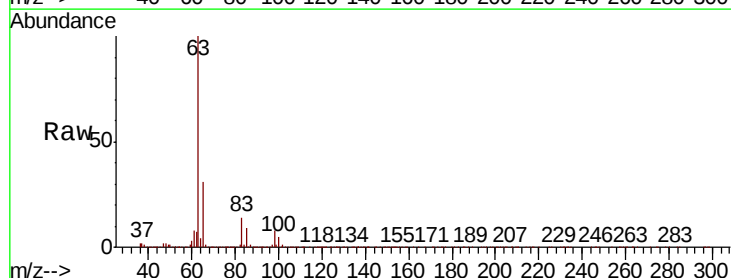
Tgt Ion: 63 Resp: 389620

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

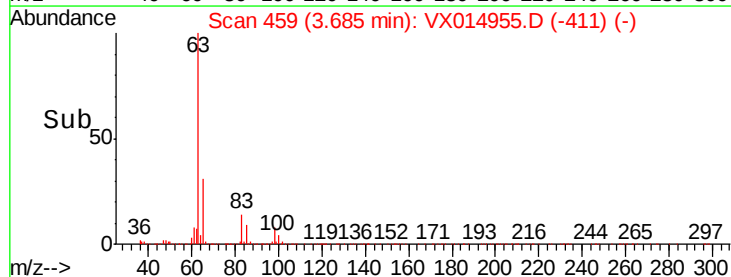
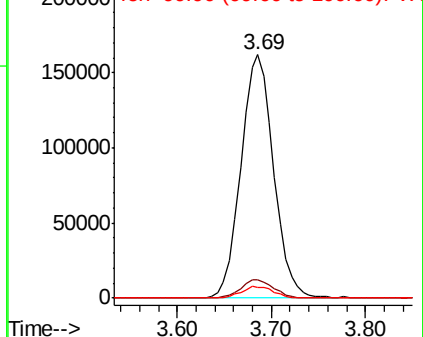
100 4.4 2.2 6.6

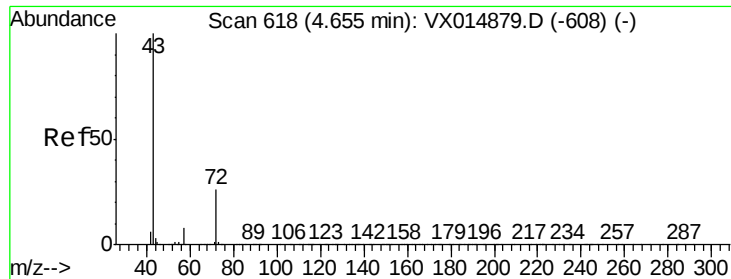


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 223.630 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

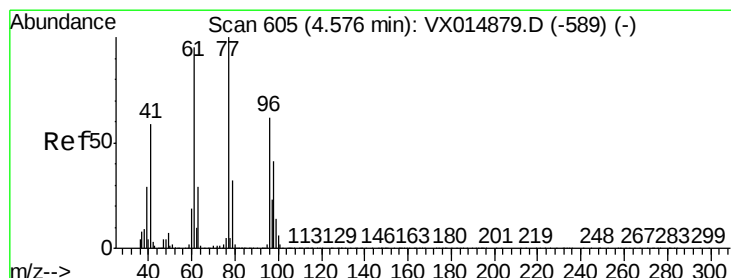
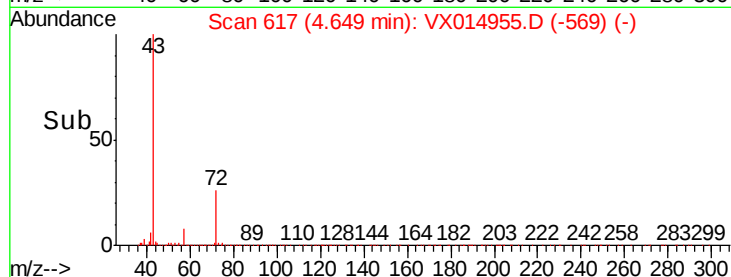
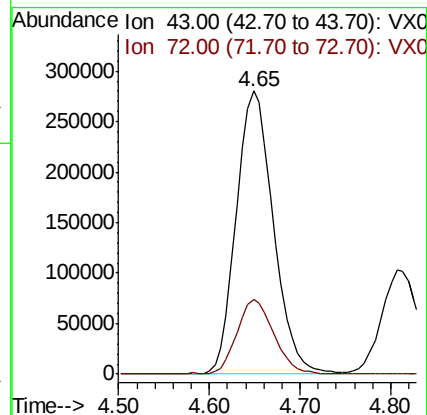
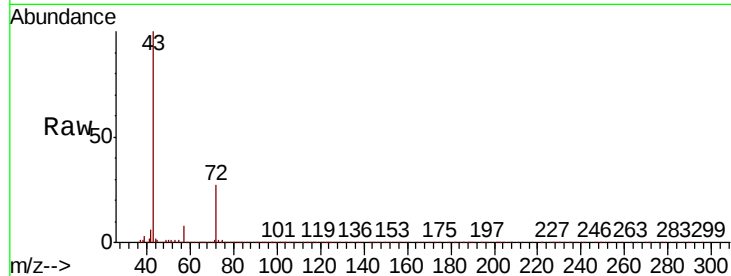
VSTDCCC050EC

Tot Ion: 43 Resp: 791463

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.6



#26

2,2-Dichloropropane

Concen: 48.450 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014955.D

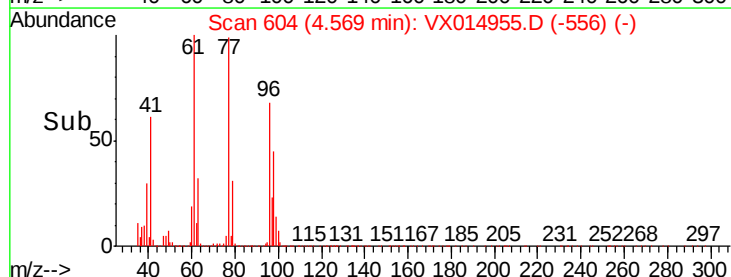
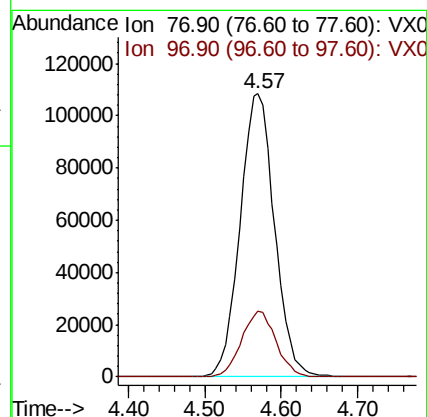
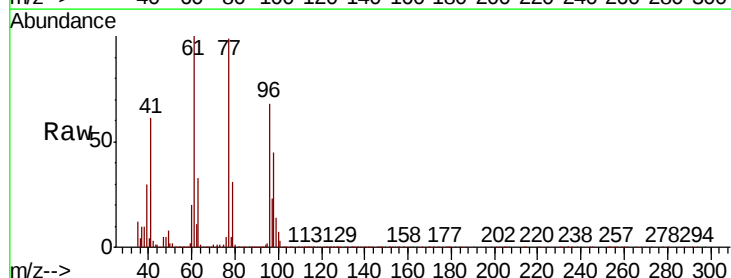
Acq: 18 Feb 2020 16:36

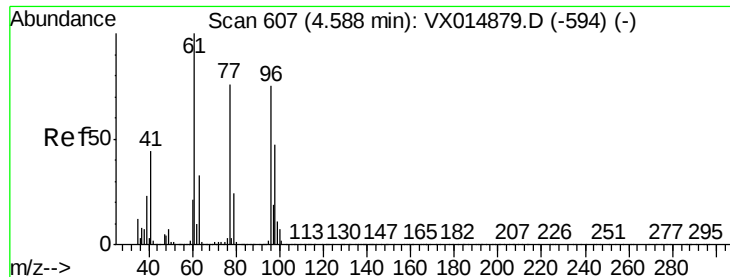
Tgt Ion: 77 Resp: 336906

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5



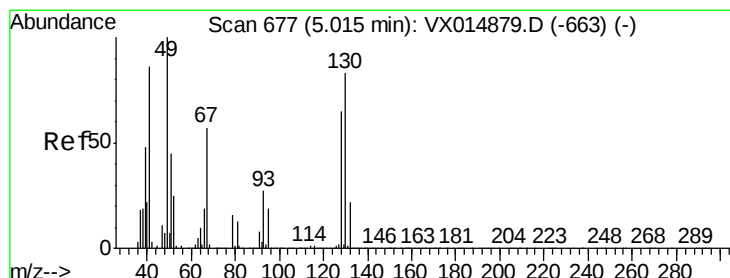
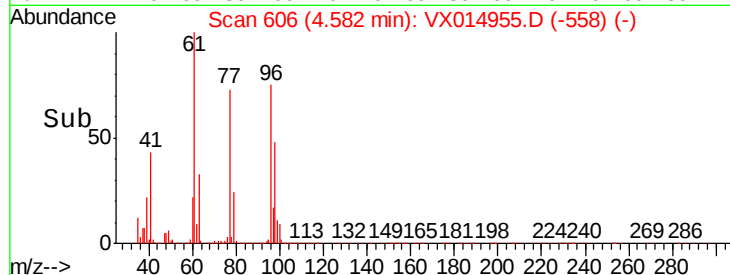
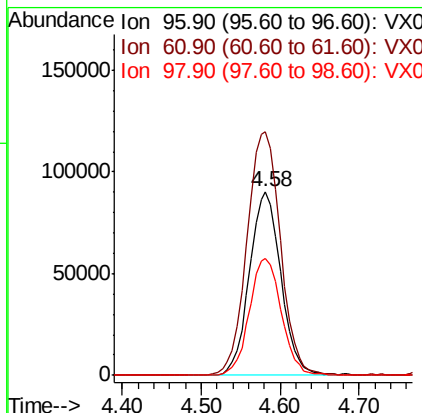
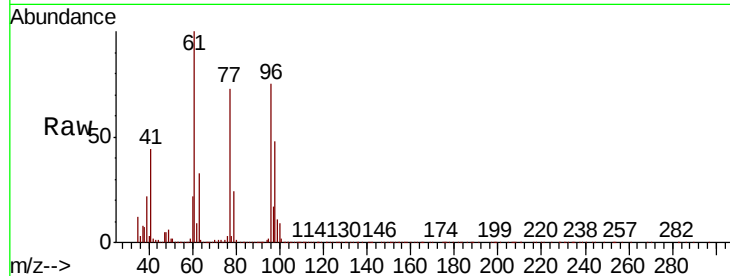


#27

cis-1,2-Dichloroethene
Concen: 47.950 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

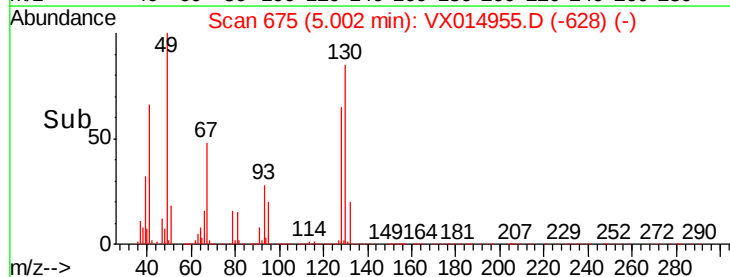
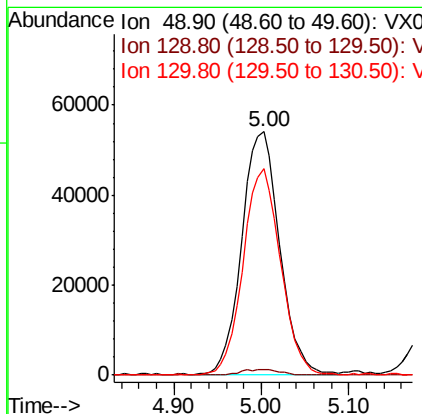
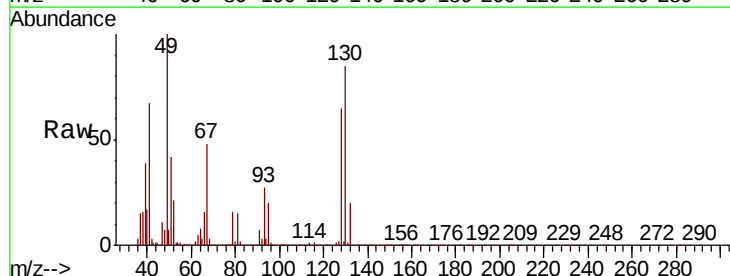
Tot Ion: 96 Resp: 249712
Ion Ratio Lower Upper
96 100
61 141.0 0.0 286.2
98 64.5 0.0 131.0

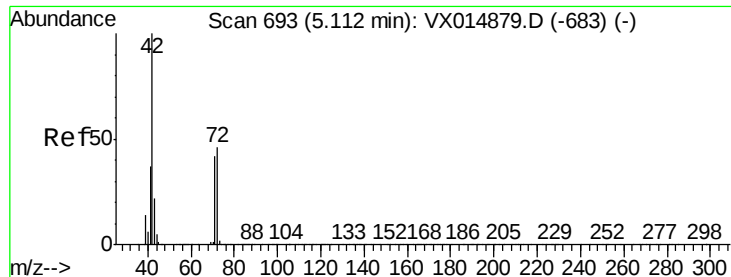


#28

Bromochloromethane
Concen: 51.898 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion: 49 Resp: 162314
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.2
130 84.0 67.4 101.2





#29

Tetrahydrofuran

Concen: 244.823 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

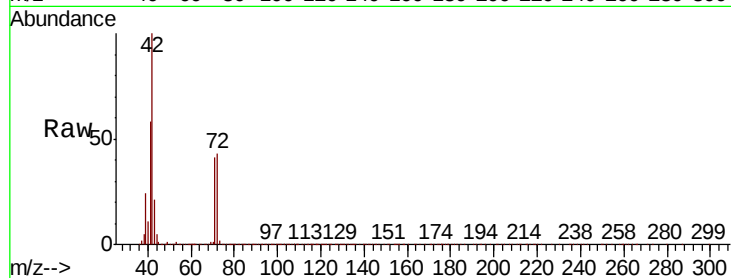
Tot Ion: 42 Resp: 492558

Ion Ratio Lower Upper

42 100

72 45.0 36.9 55.3

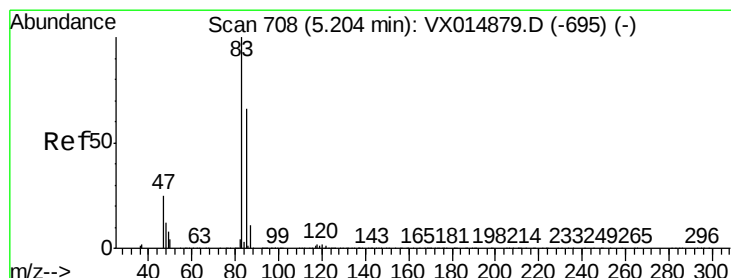
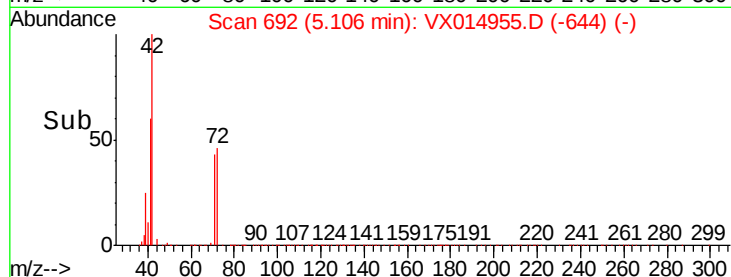
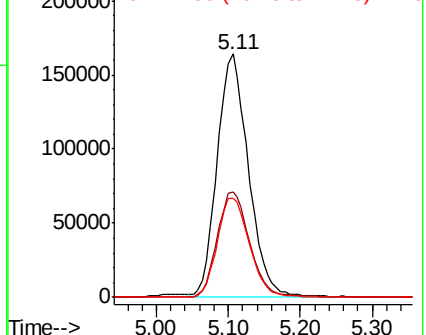
71 42.1 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.026 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014955.D

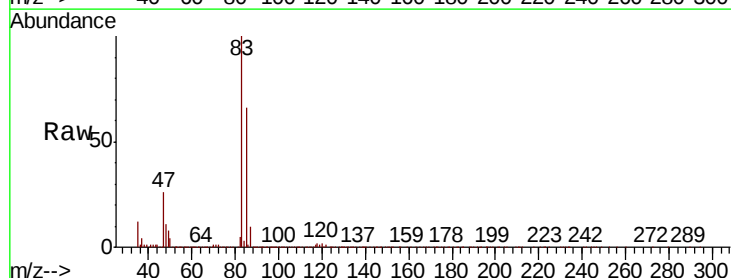
Acq: 18 Feb 2020 16:36

Tgt Ion: 83 Resp: 392486

Ion Ratio Lower Upper

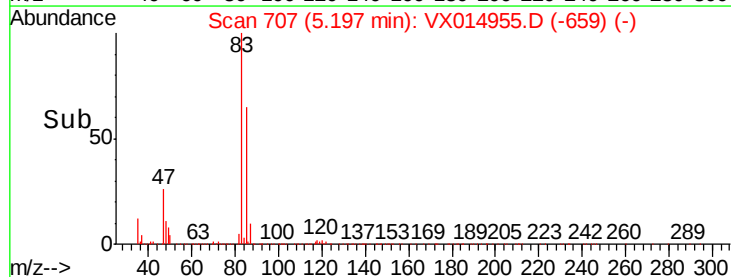
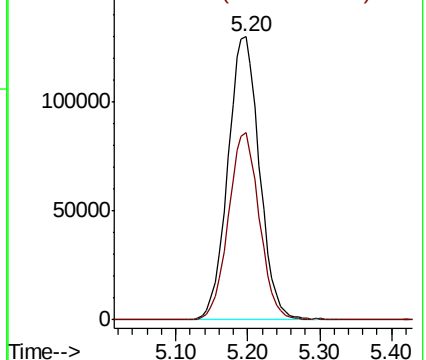
83 100

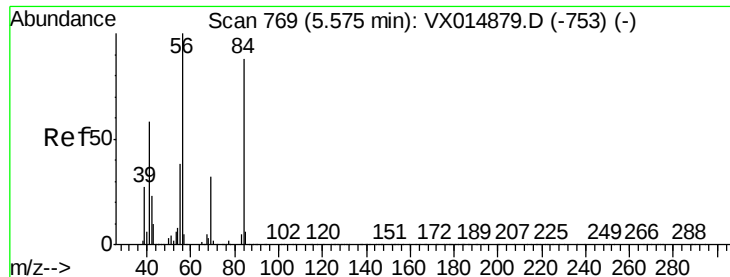
85 66.1 52.9 79.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

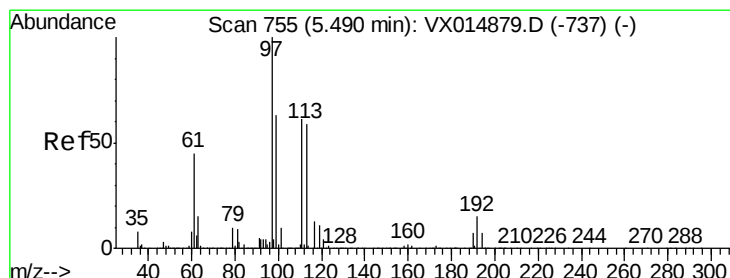
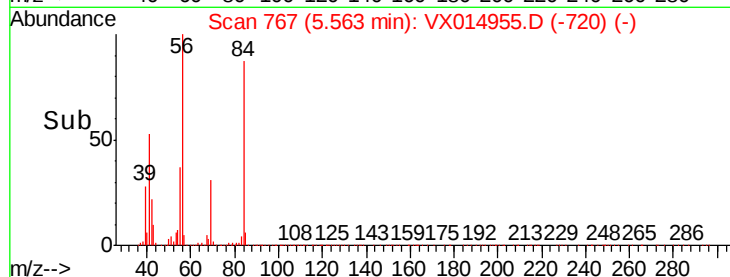
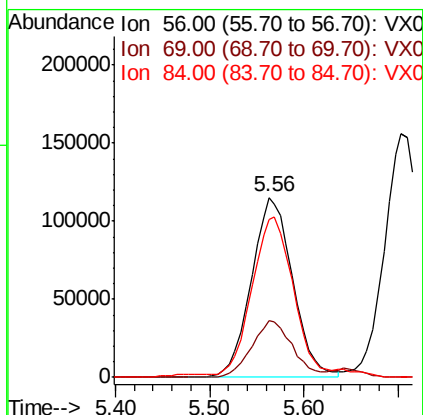
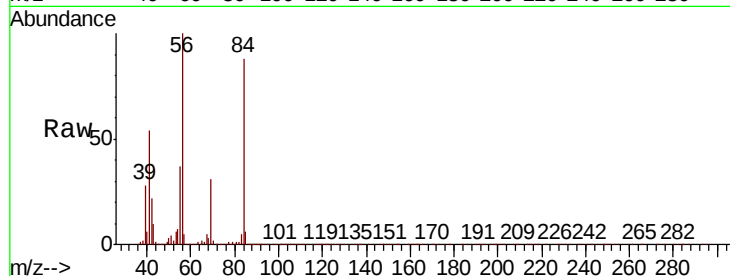




#31
Cyclohexane
Concen: 47.872 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

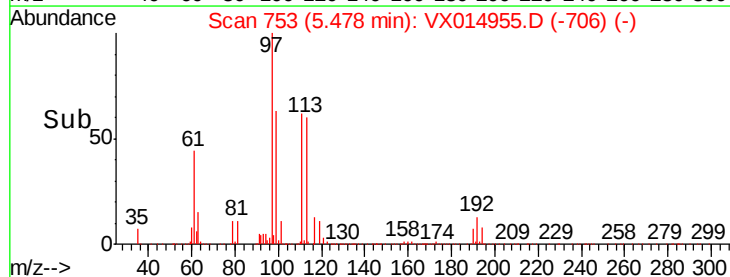
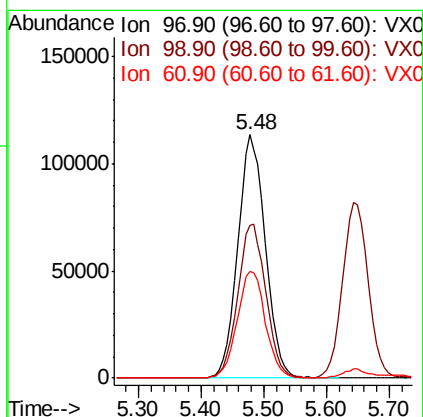
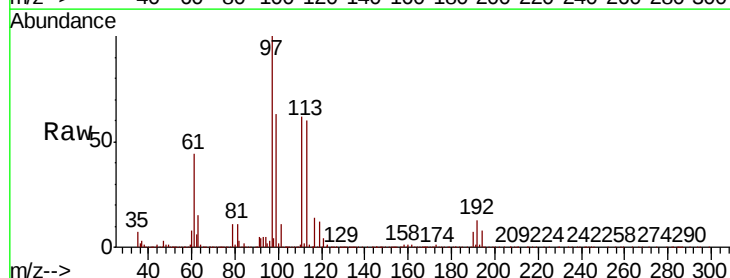
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

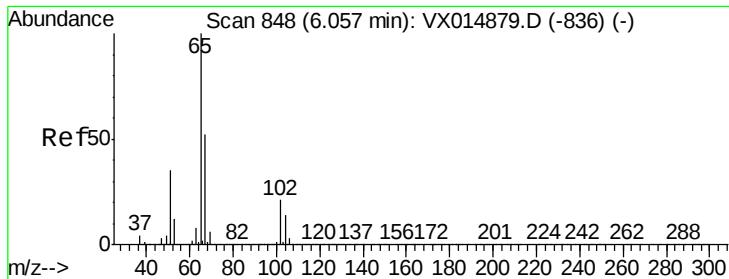
Tot Ion: 56 Resp: 351826
Ion Ratio Lower Upper
56 100
69 31.2 25.9 38.9
84 86.1 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 49.081 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion: 97 Resp: 343711
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 44.5 36.3 54.5

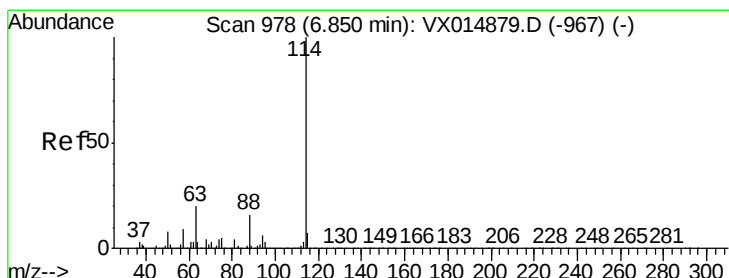
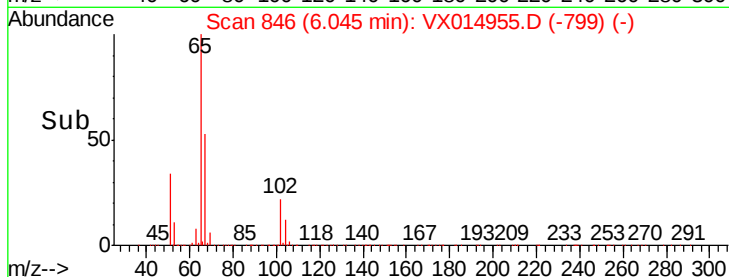
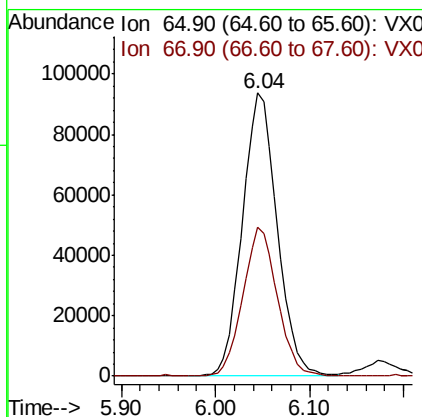
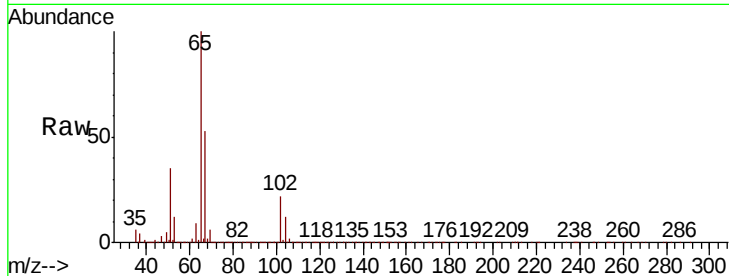




#33
 1,2-Dichloroethane-d4
 Concen: 46.564 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014955.D
 Acq: 18 Feb 2020 16:36

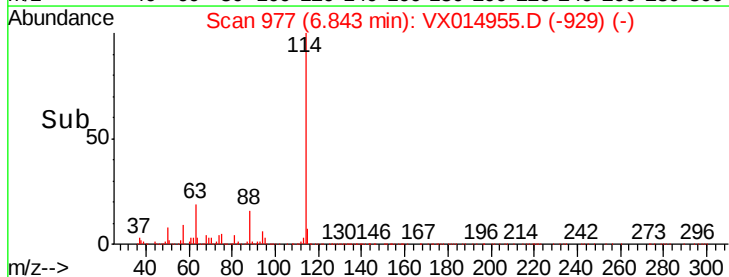
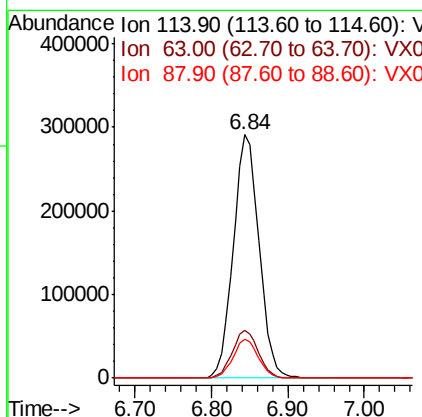
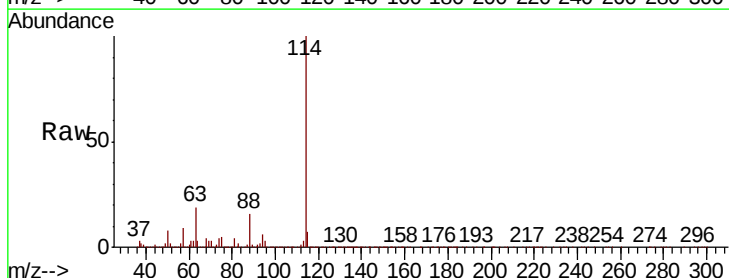
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

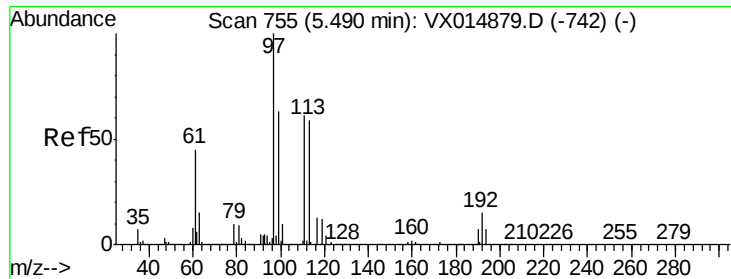
Tot Ion: 65 Resp: 242065
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014955.D
 Acq: 18 Feb 2020 16:36

Tgt Ion: 114 Resp: 678969
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.084 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

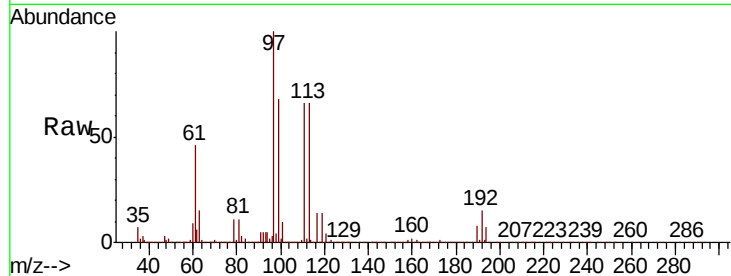
Tot Ion:113 Resp: 200709

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

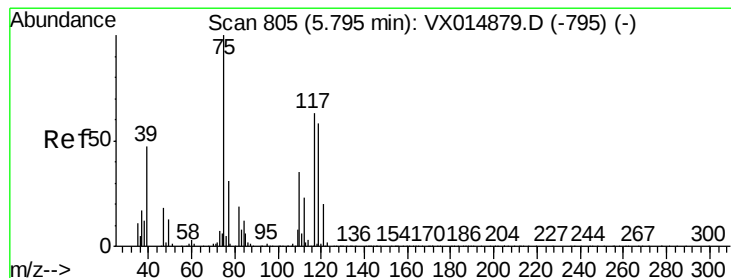
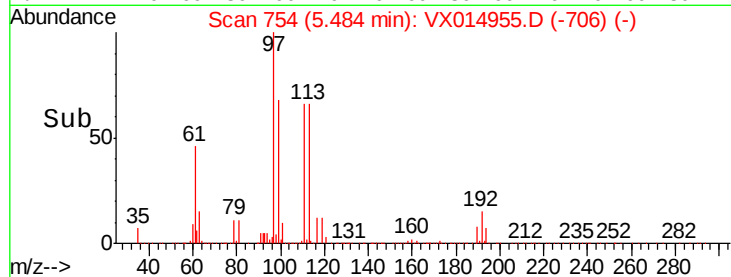
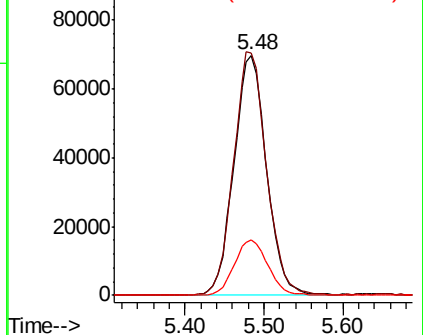
192 23.8 19.1 28.7



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: 49.242 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

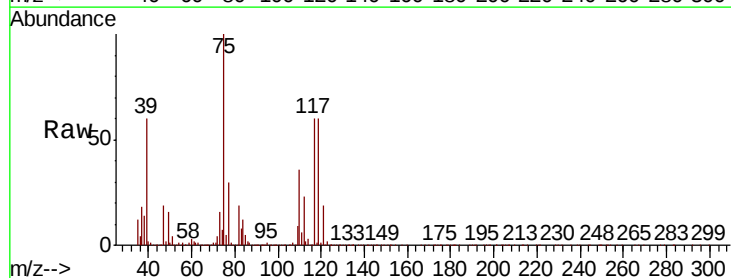
Tgt Ion: 75 Resp: 299074

Ion Ratio Lower Upper

75 100

110 37.0 18.3 54.8

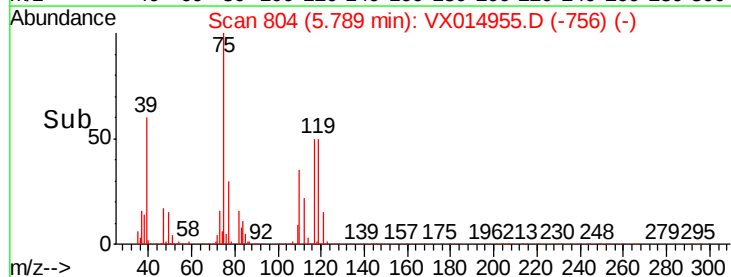
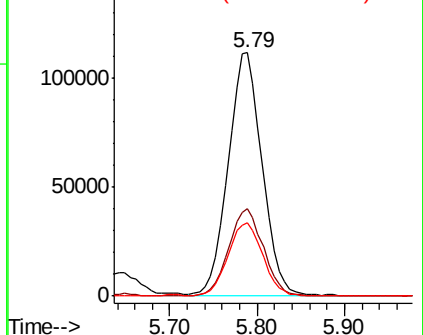
77 30.6 24.6 36.8

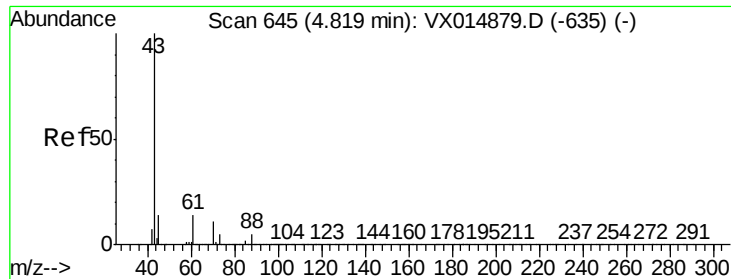


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

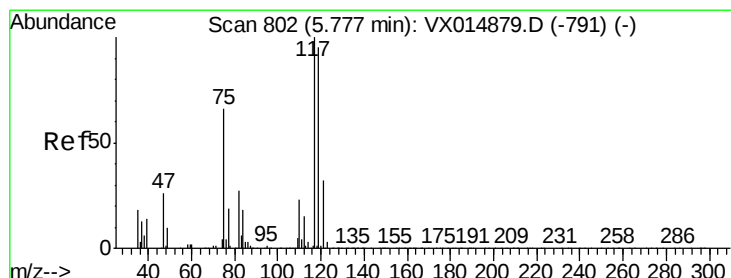
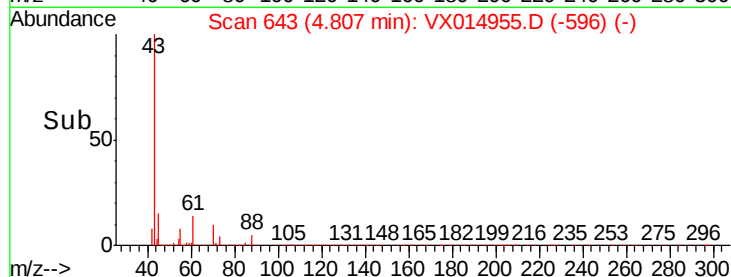
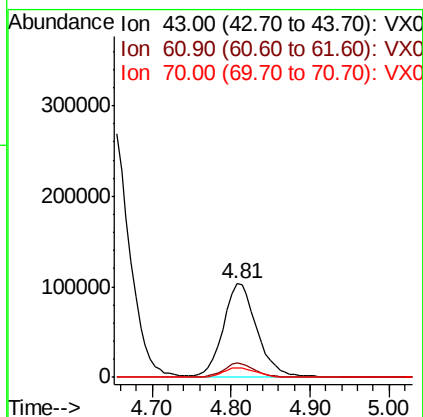
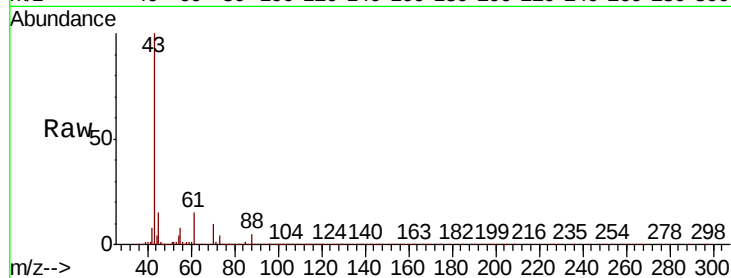




#37
Ethyl Acetate
Concen: 47.768 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

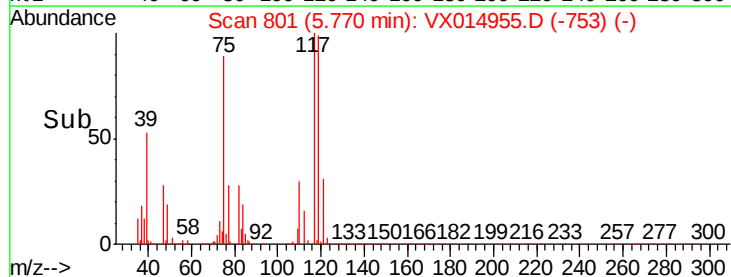
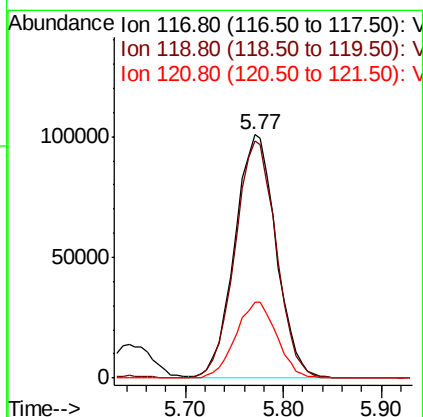
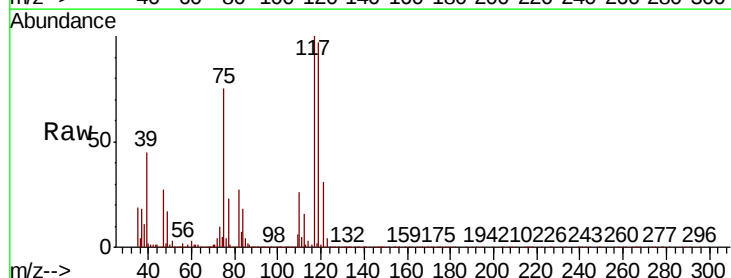
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

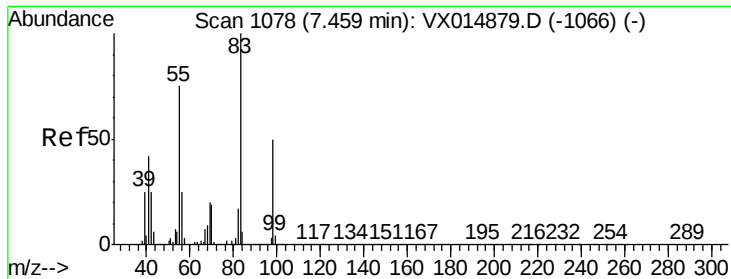
Tot Ion:	43	Resp:	302595
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.9	16.3
70	10.9	8.7	13.1



#38
Carbon Tetrachloride
Concen: 49.593 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion:	117	Resp:	293535
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.0	114.0
121	30.9	25.4	38.2

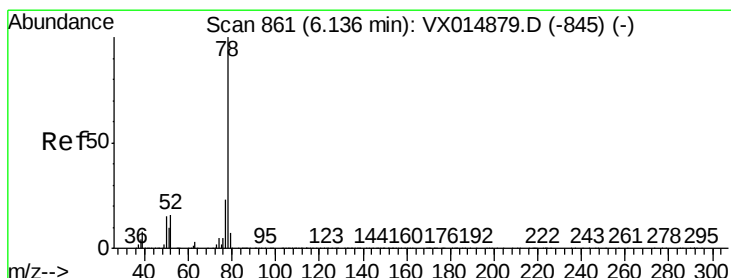
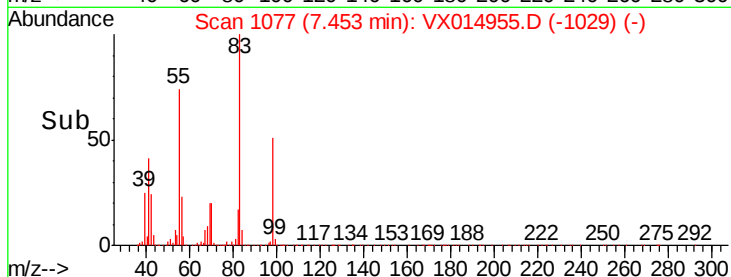
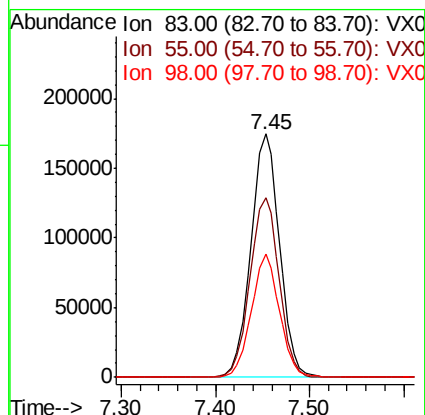
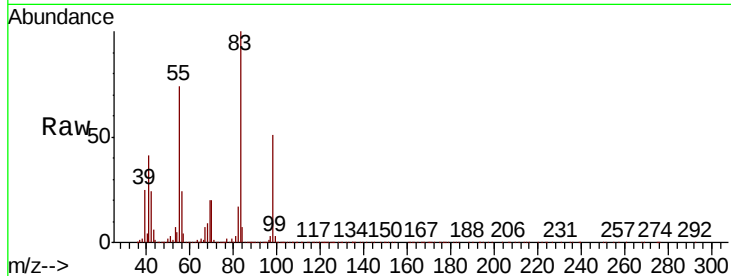




#39
Methvlcvclohexane
Concen: 49.034 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

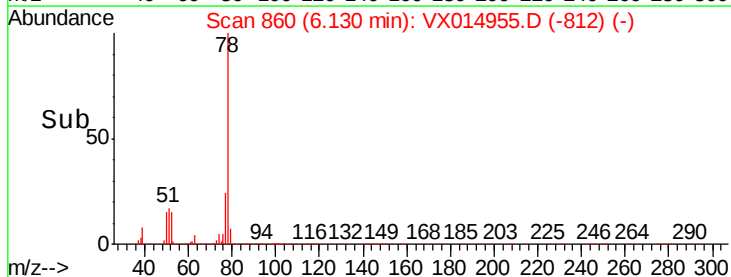
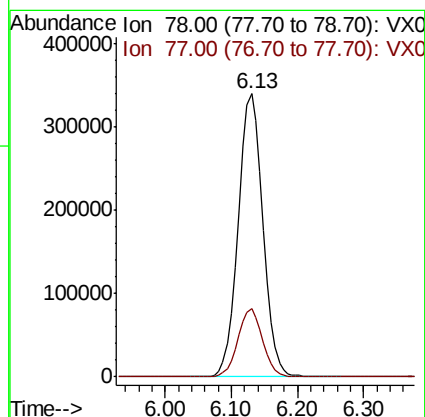
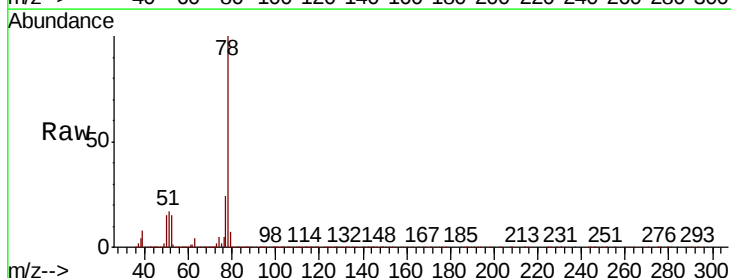
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

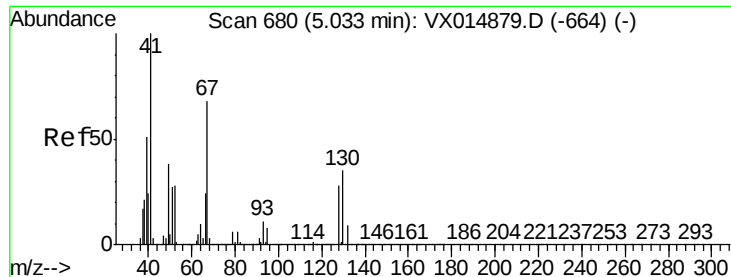
Tot Ion: 83 Resp: 372459
Ion Ratio Lower Upper
83 100
55 73.9 60.0 90.0
98 50.4 39.6 59.4



#40
Benzene
Concen: 48.504 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion: 78 Resp: 880183
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2

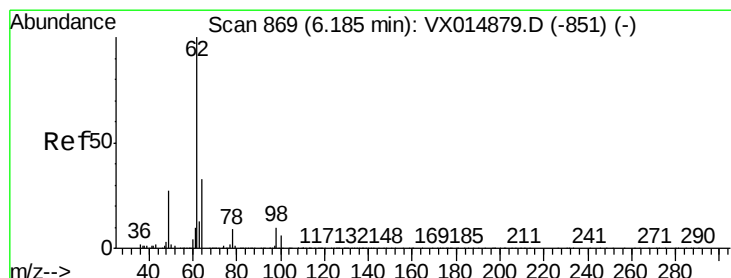
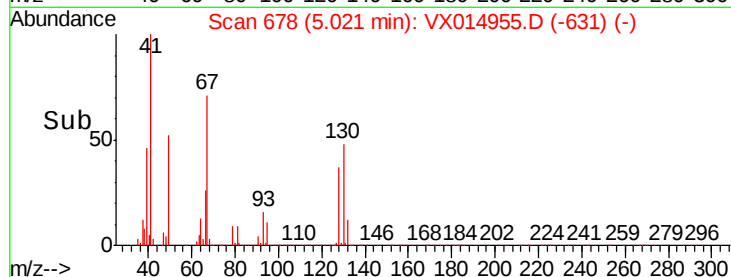
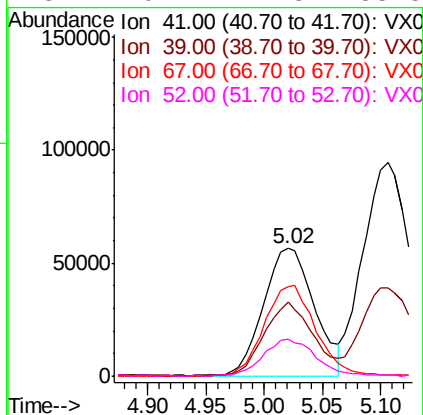
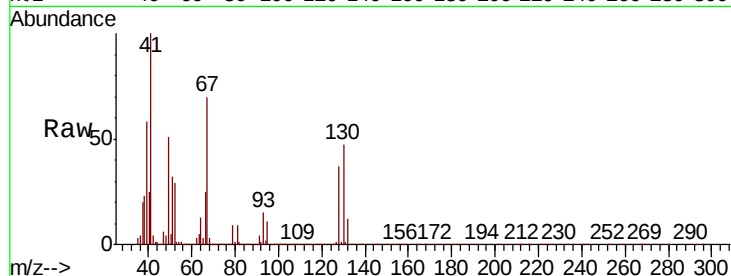




#41
Methacrylonitrile
Concen: 50.335 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

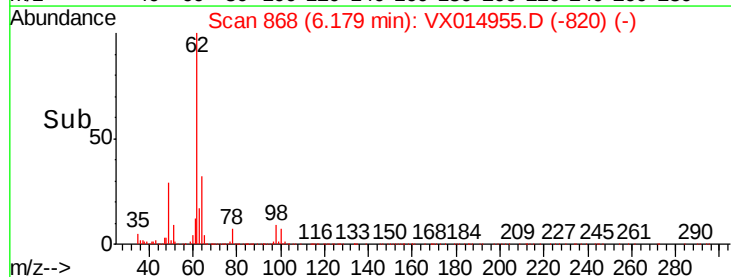
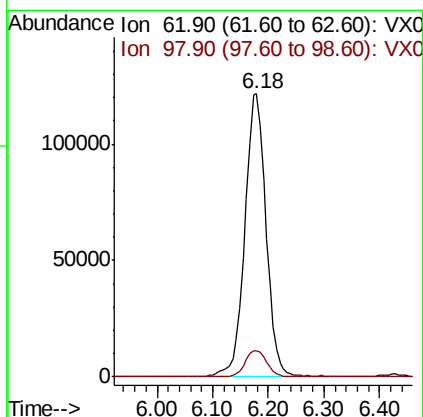
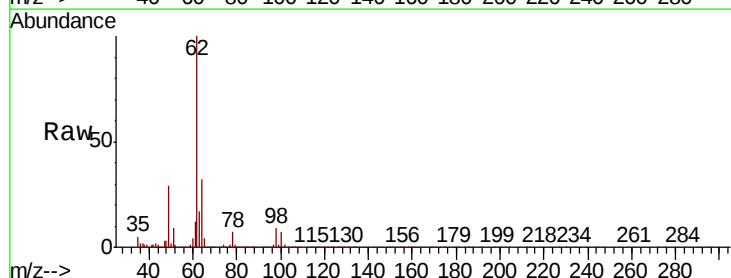
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

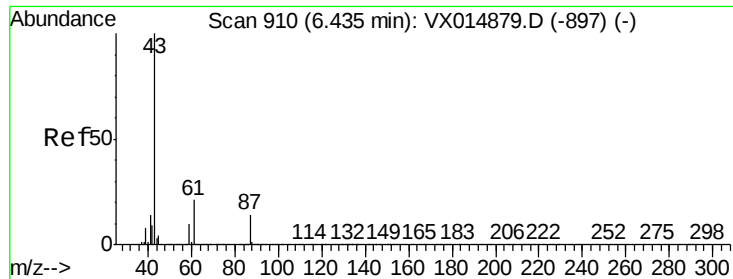
Tot Ion:	41	Resp:	171771
Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.7	67.1
67	72.0	56.6	84.8
52	29.2	22.3	33.5



#42
1,2-Dichloroethane
Concen: 49.230 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion:	62	Resp:	322888
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2



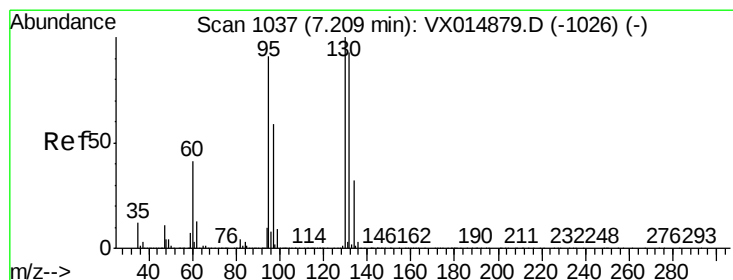
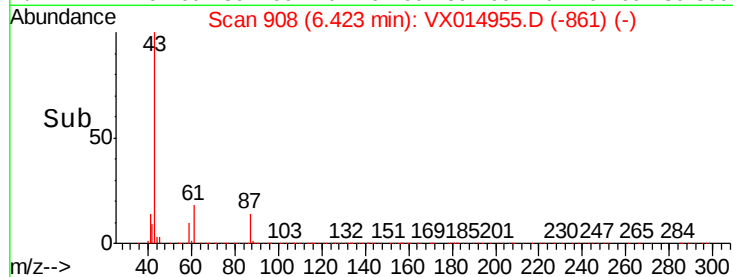
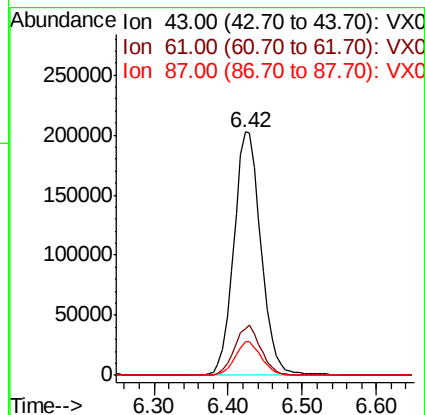
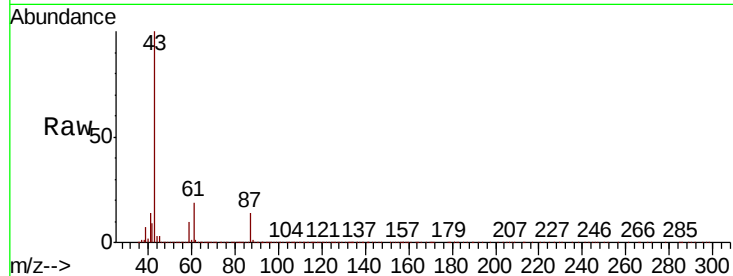


#43

Isopropyl Acetate
 Concen: 49.181 ug/l
 RT: 6.42 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: VX014955.D
 Acq: 18 Feb 2020 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

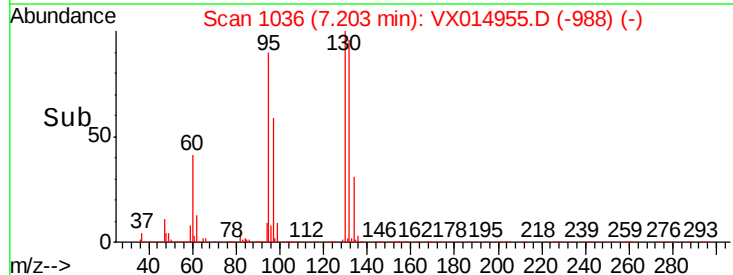
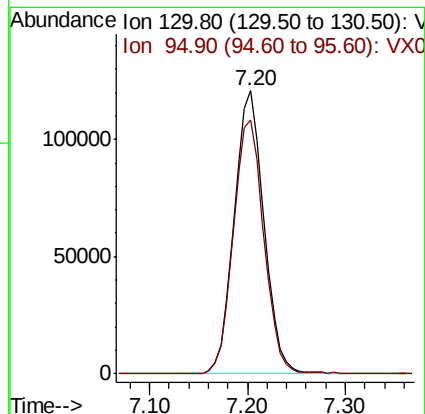
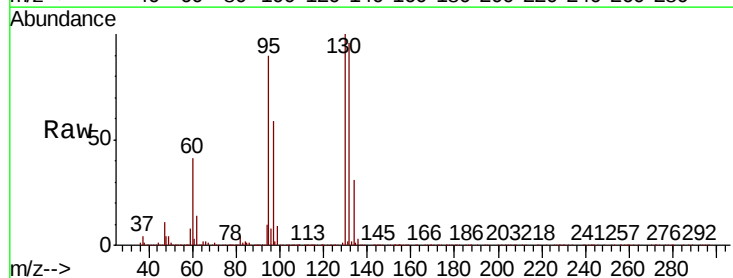
Tot Ion	43	Resp	513930
Ion Ratio	Lower	Upper	
43	100		
61	20.1	16.2	24.4
87	13.3	11.0	16.6

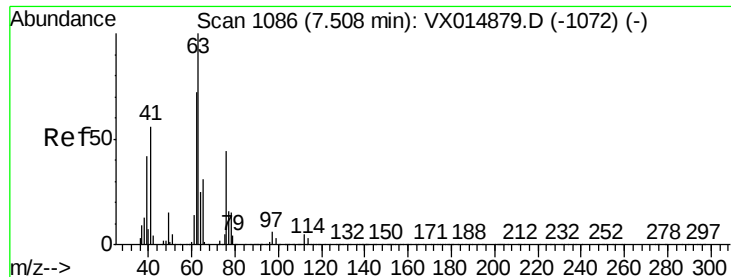


#44

Trichloroethene
 Concen: 48.295 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014955.D
 Acq: 18 Feb 2020 16:36

Tgt Ion	130	Resp	254417
Ion Ratio	Lower	Upper	
130	100		
95	89.5	0.0	182.6





#45

1,2-Dichloropropane

Concen: 48.745 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

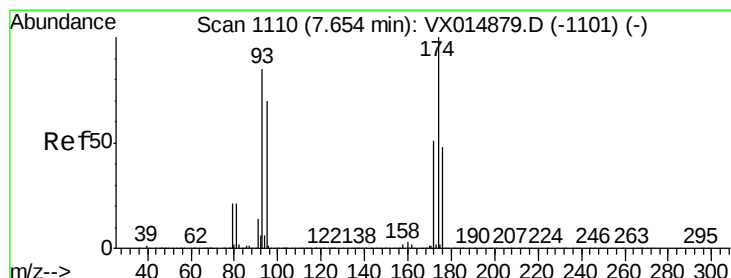
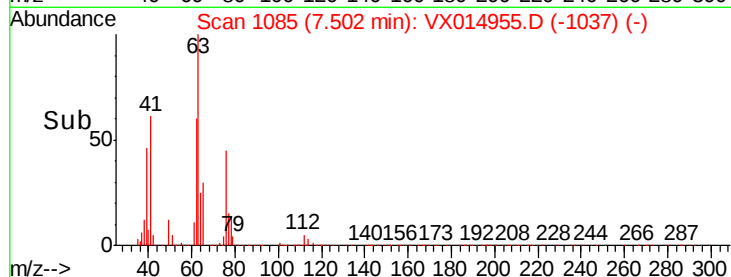
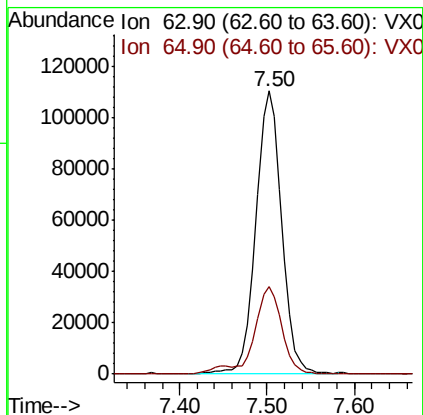
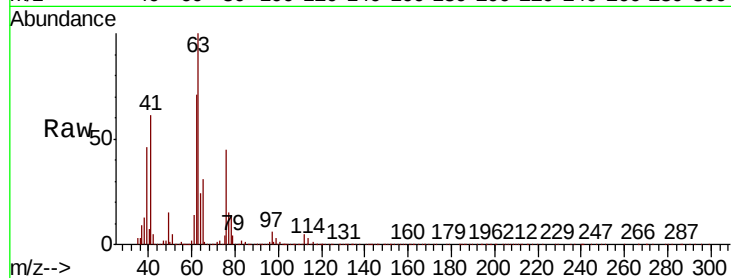
VSTDCCC050EC

Tot Ion: 63 Resp: 225591

Ion Ratio Lower Upper

63 100

65 30.7 24.9 37.3



#46

Dibromomethane

Concen: 47.773 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

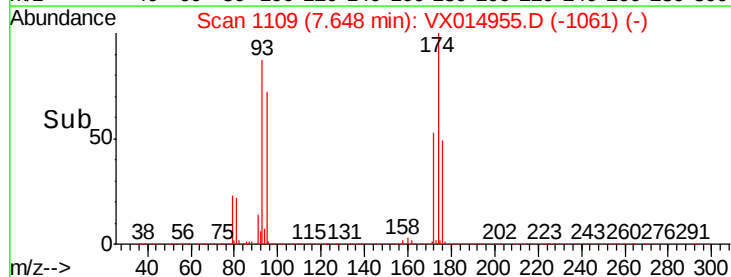
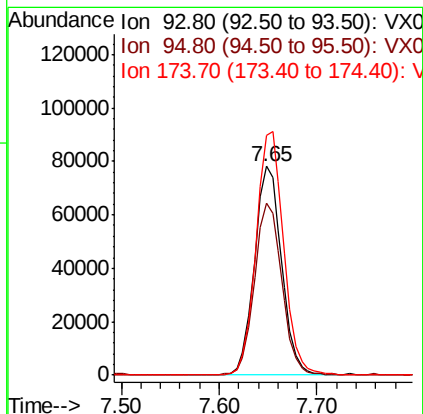
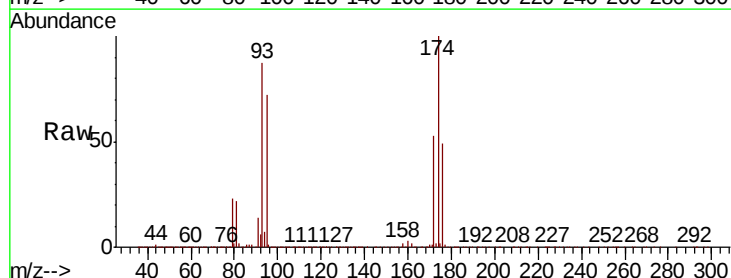
Tgt Ion: 93 Resp: 151130

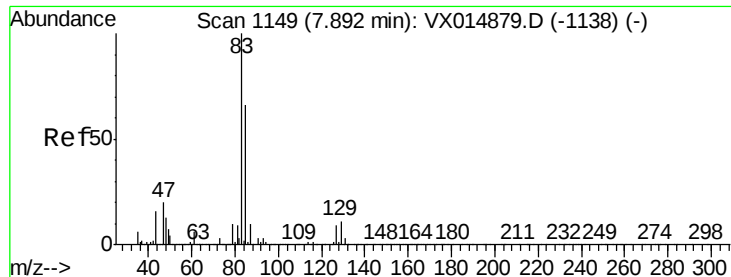
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

174 119.0 95.4 143.2





#47

Bromodichloromethane

Concen: 49.471 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

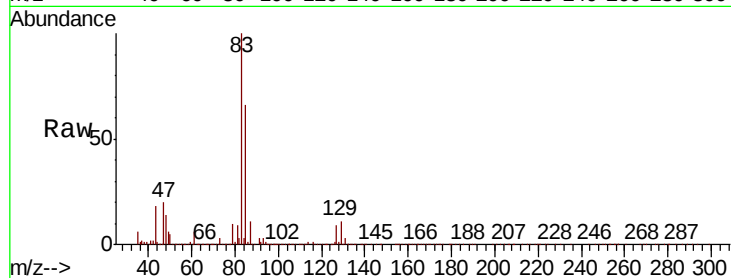
Tot Ion: 83 Resp: 310306

Ion Ratio Lower Upper

83 100

85 65.7 52.5 78.7

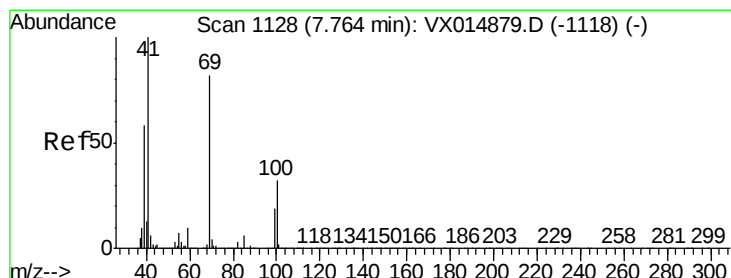
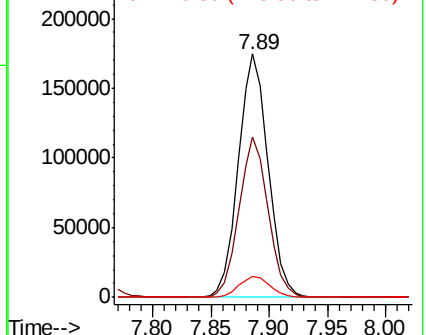
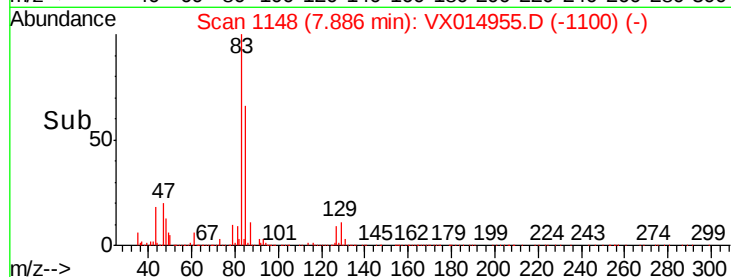
127 8.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.872 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

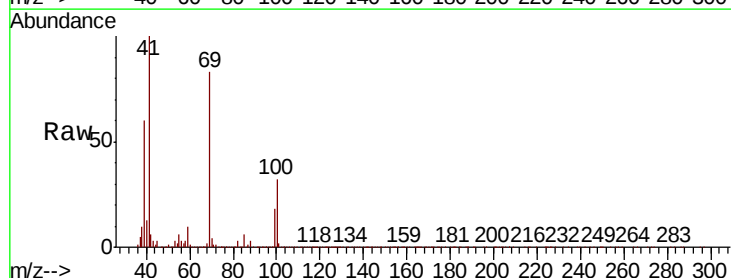
Tgt Ion: 41 Resp: 256475

Ion Ratio Lower Upper

41 100

69 82.7 65.7 98.5

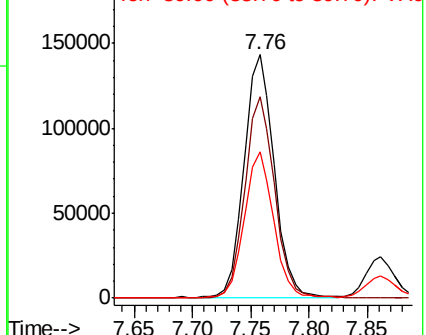
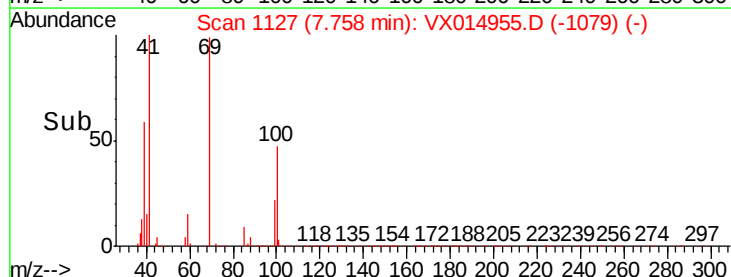
39 58.4 45.8 68.8

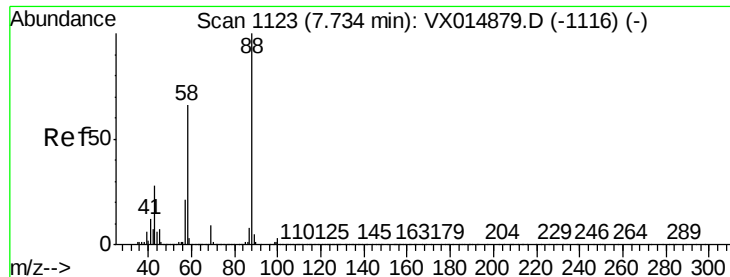


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1014.659 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

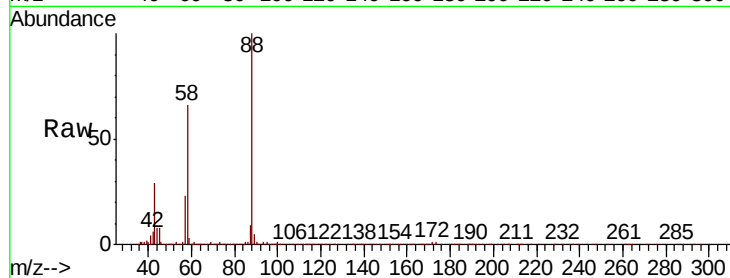
Tot Ion: 88 Resp: 97562

Ion Ratio Lower Upper

88 100

43 33.2 27.0 40.4

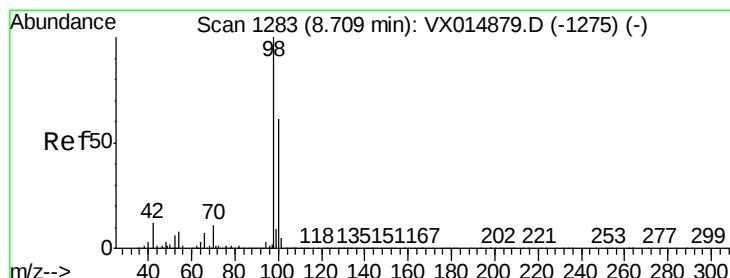
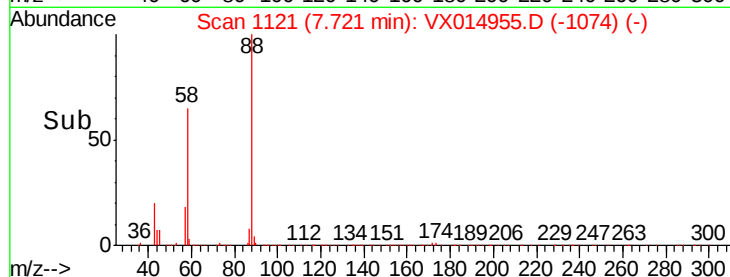
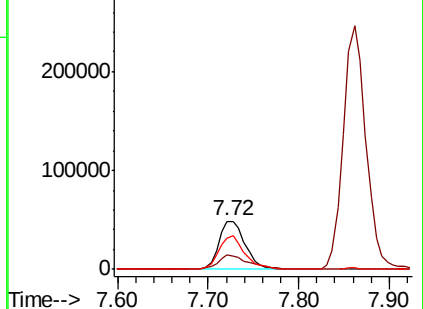
58 70.5 53.2 79.8



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: 47.277 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014955.D

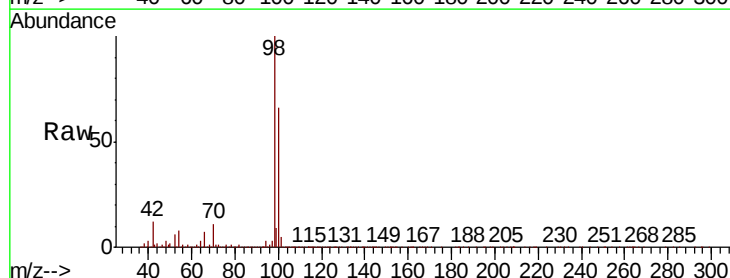
Acq: 18 Feb 2020 16:36

Tgt Ion: 98 Resp: 753268

Ion Ratio Lower Upper

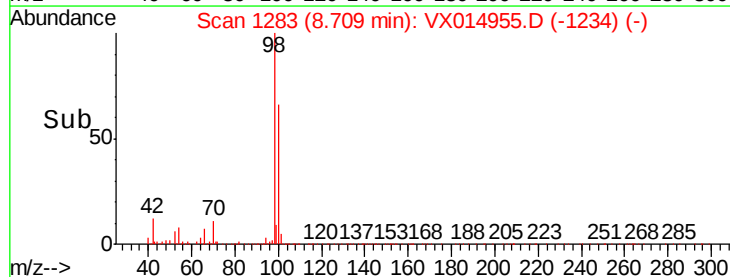
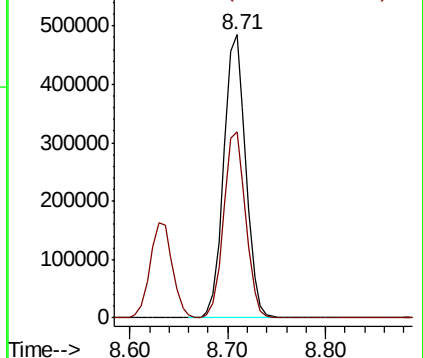
98 100

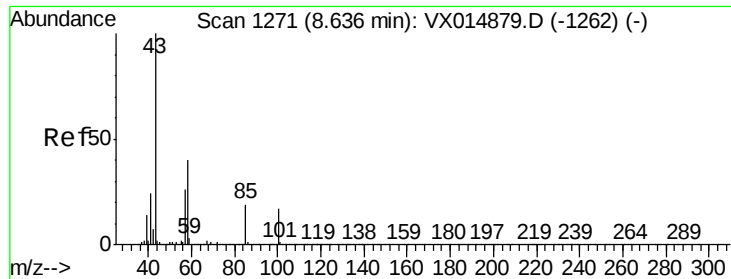
100 65.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

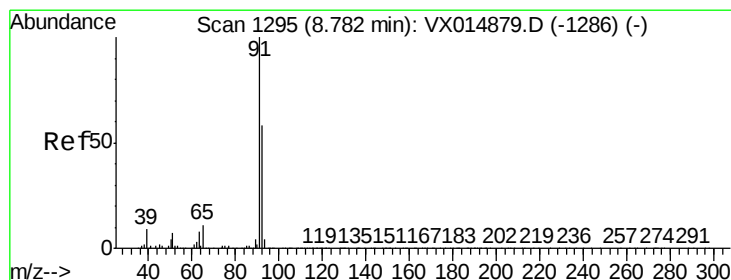
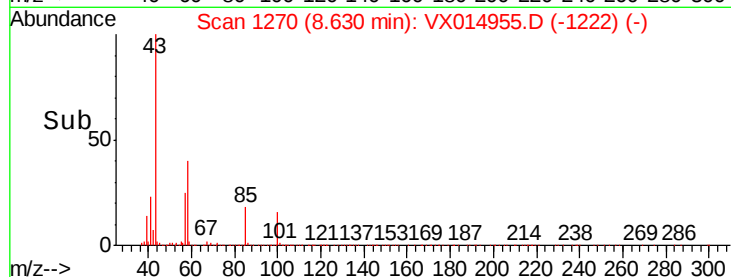
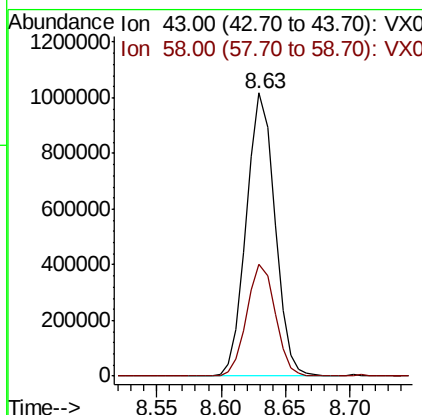
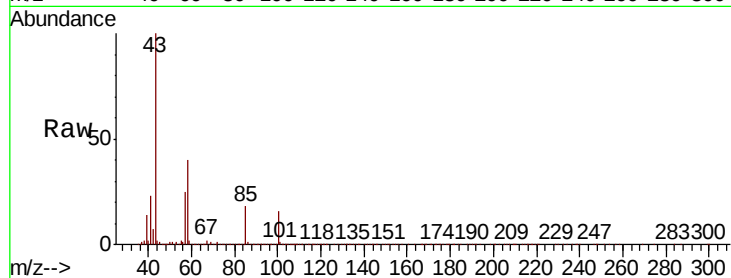




#51
4-Methyl-2-Pentanone
Concen: 246.471 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

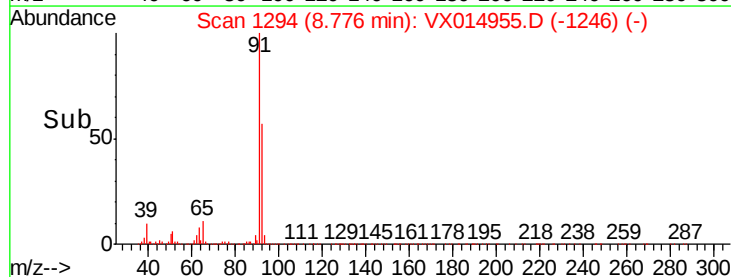
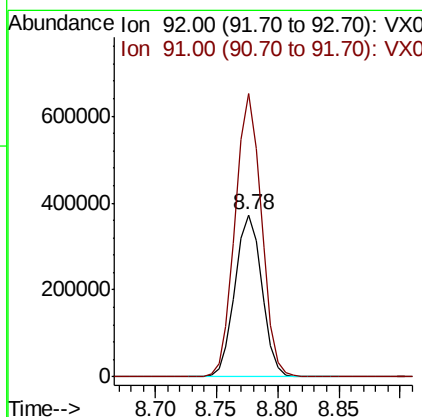
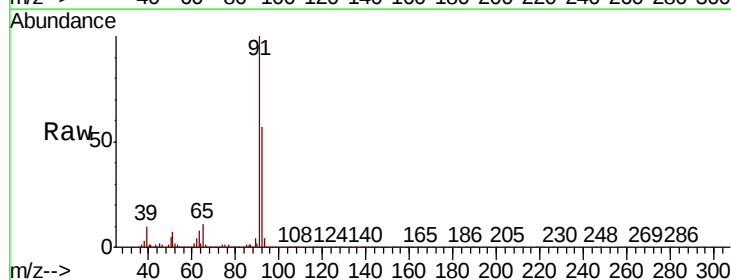
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

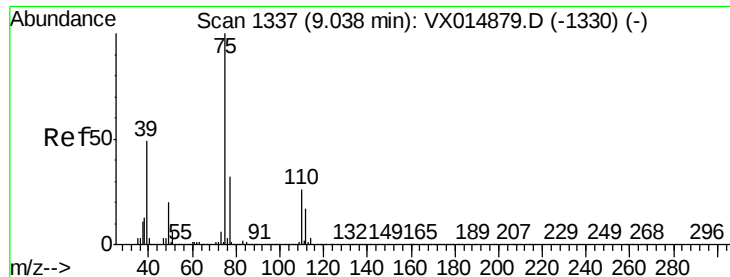
Tot Ion: 43 Resp: 1555192
Ion Ratio Lower Upper
43 100
58 39.8 31.9 47.9



#52
Toluene
Concen: 49.103 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion: 92 Resp: 565946
Ion Ratio Lower Upper
92 100
91 171.5 137.0 205.4

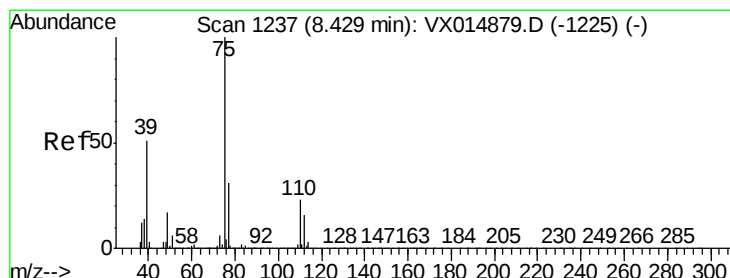
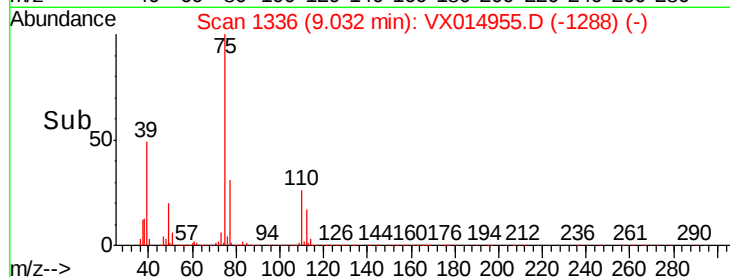
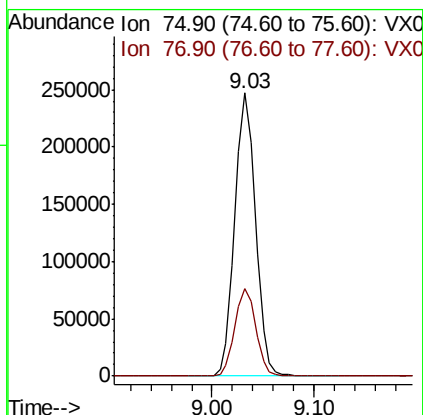
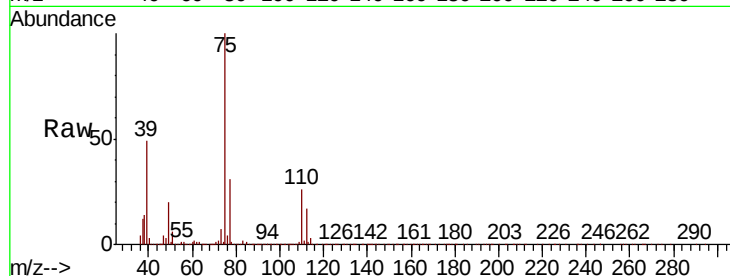




#53
t-1,3-Dichloropropene
Concen: 50.350 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

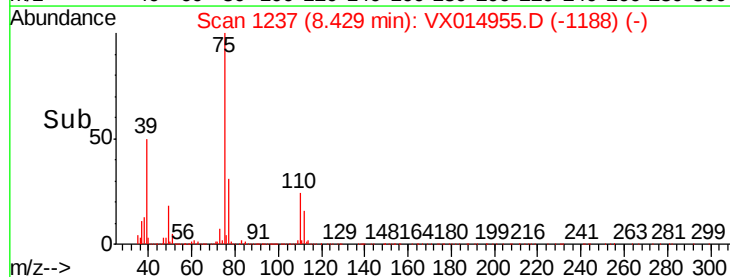
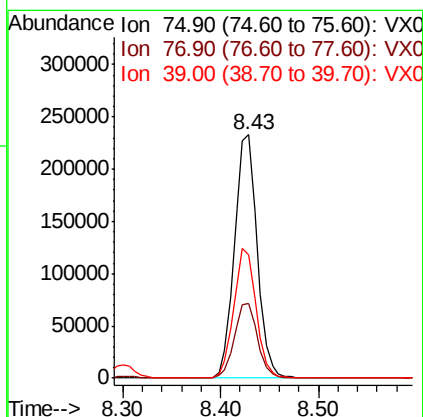
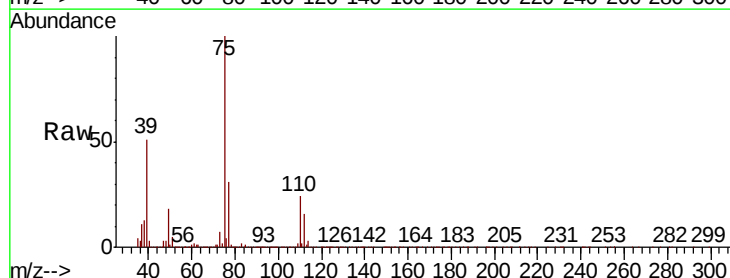
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 346122
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 49.236 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion: 75 Resp: 373904
Ion Ratio Lower Upper
75 100
77 30.9 24.6 37.0
39 50.5 40.9 61.3

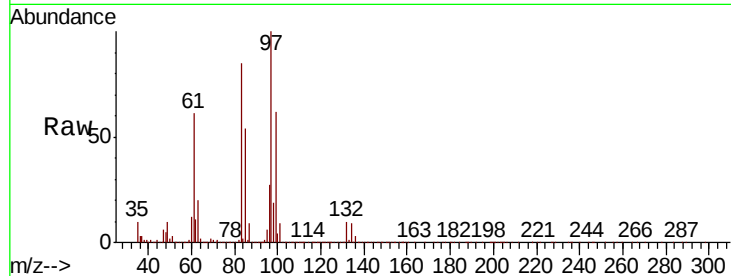




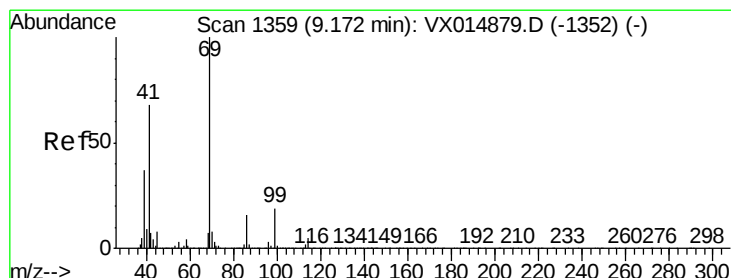
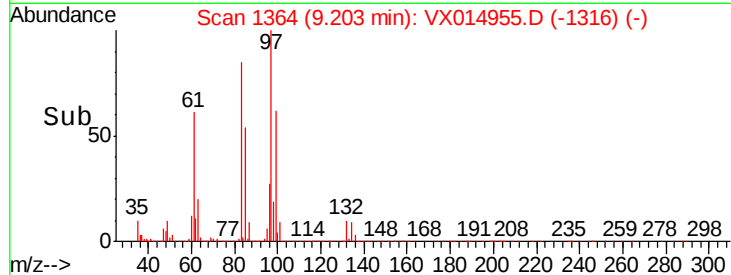
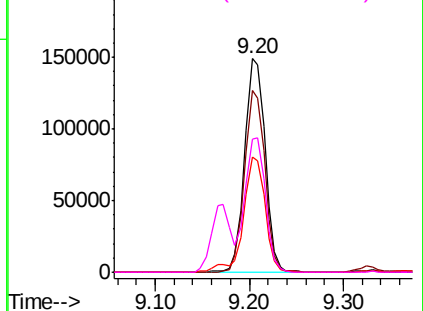
#55
1,1,2-Trichloroethane
Concen: 49.023 ug/l
RT: 9.20 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	97	Resp:	228599
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.6	99.8
85	54.0	43.5	65.3
99	62.2	49.6	74.4

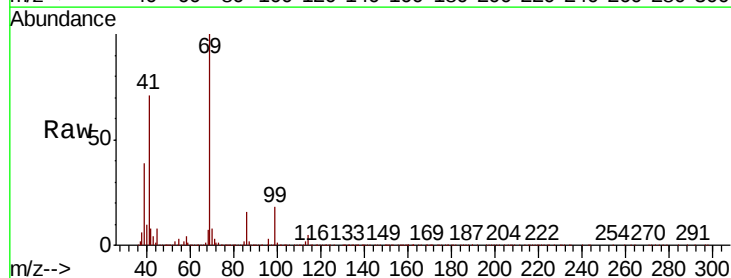


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

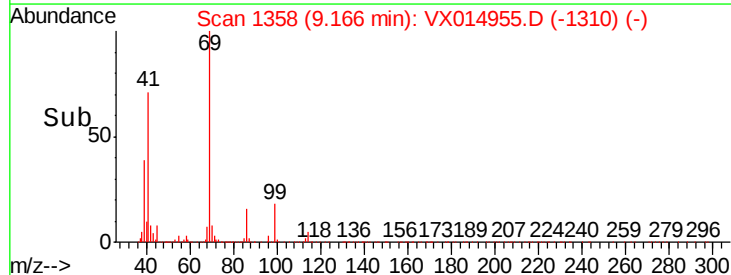
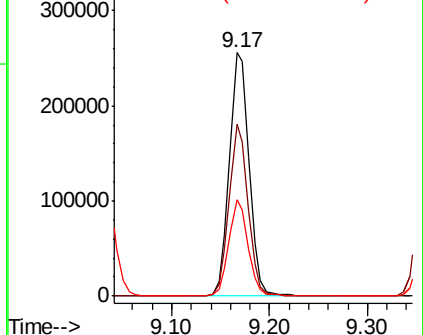


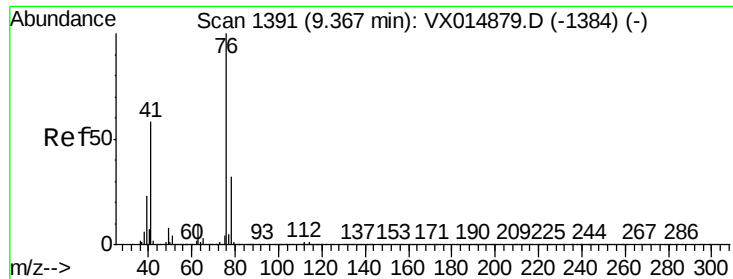
#56
Ethyl methacrylate
Concen: 51.066 ug/l
RT: 9.17 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion:	69	Resp:	357923
Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.8	82.2
39	38.4	29.9	44.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.717 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

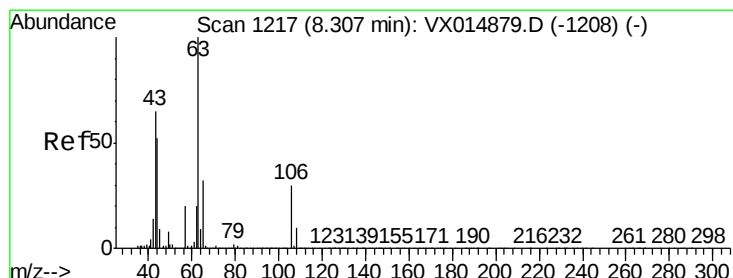
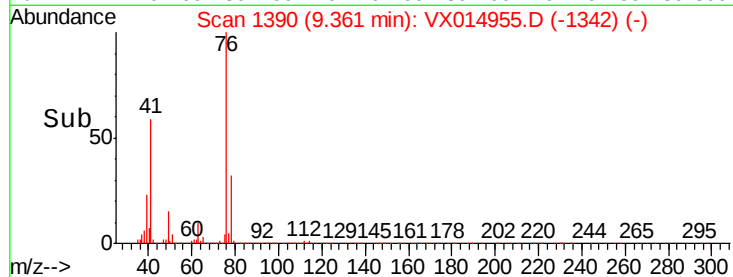
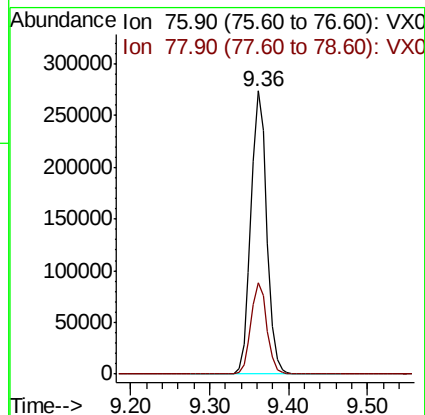
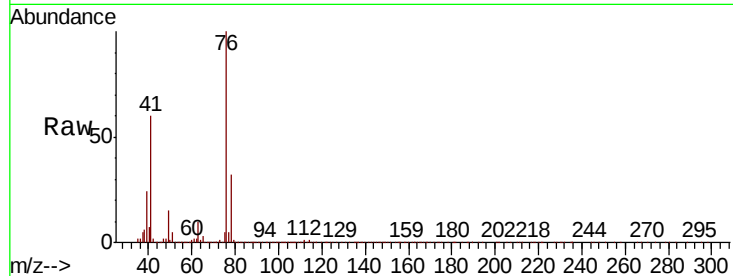
VSTDCCC050EC

Tot Ion: 76 Resp: 382405

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 244.807 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014955.D

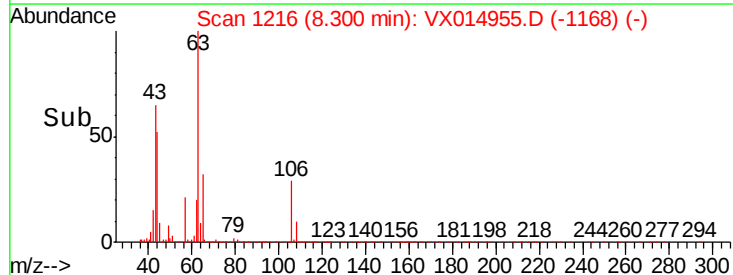
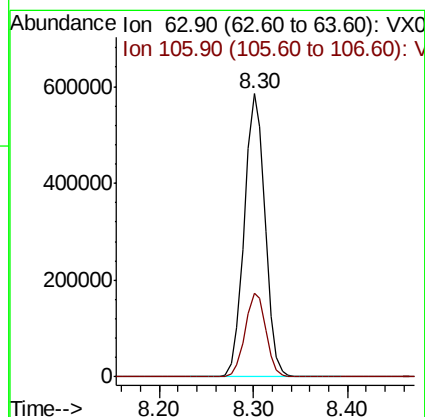
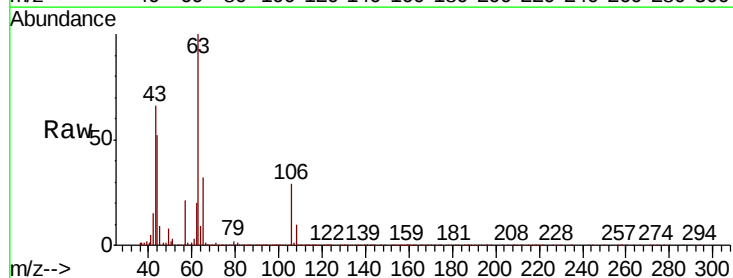
Acq: 18 Feb 2020 16:36

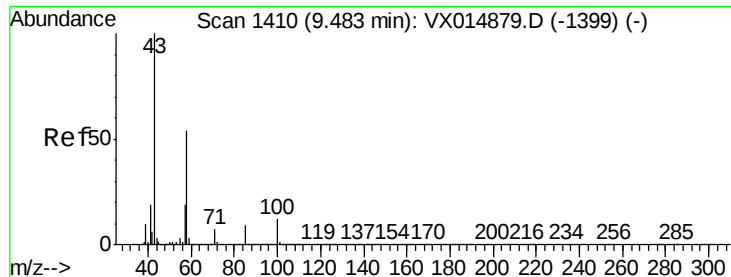
Tgt Ion: 63 Resp: 897364

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.8

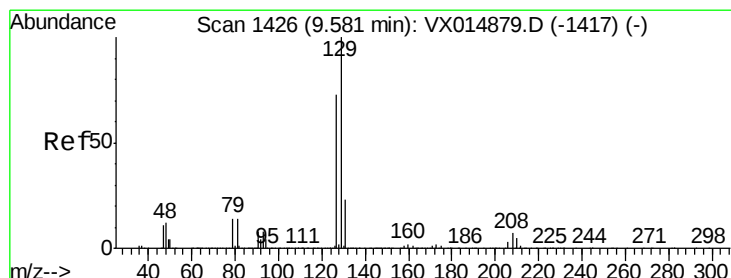
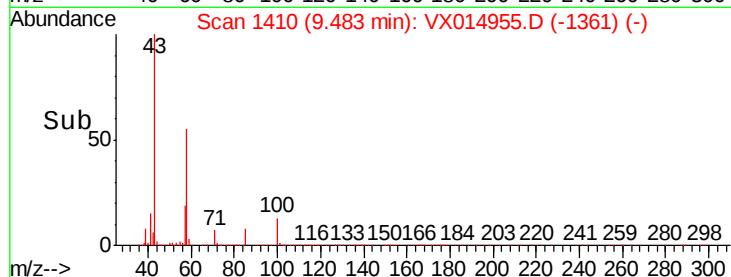
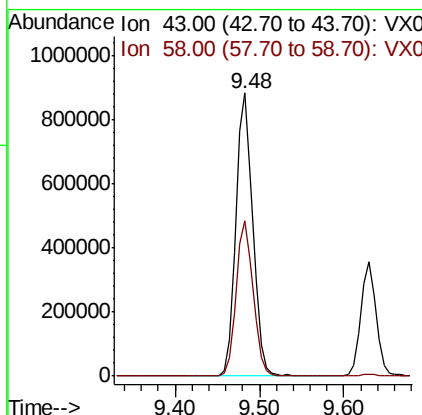
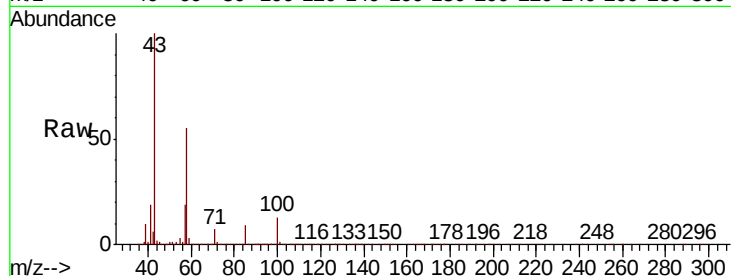




#59
2-Hexanone
Concen: 240.061 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

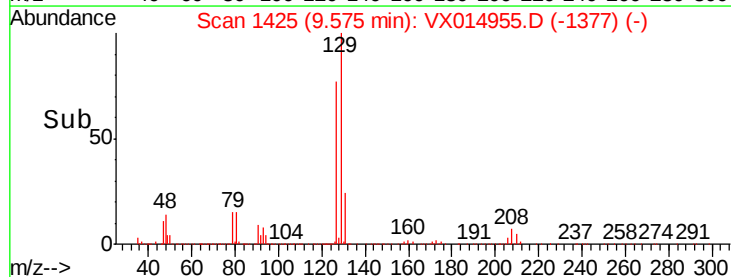
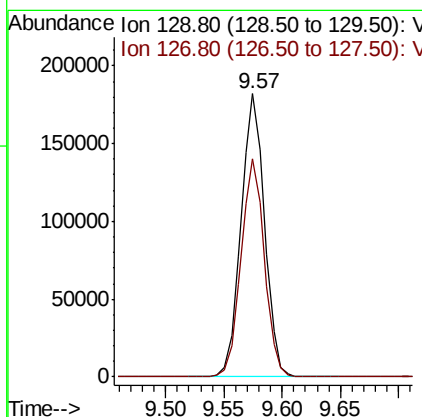
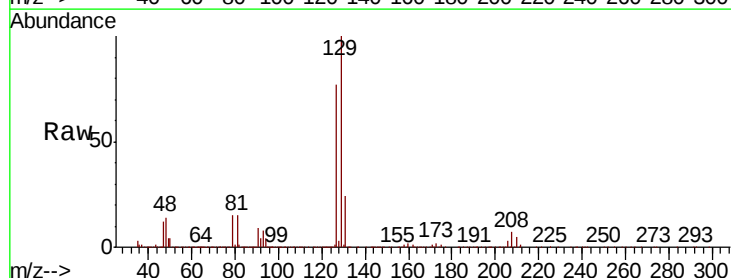
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

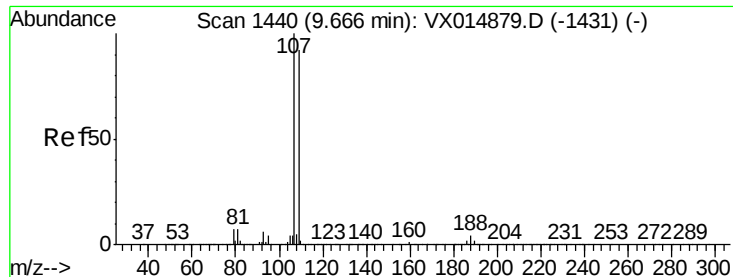
Tot Ion: 43 Resp: 1190612
Ion Ratio Lower Upper
43 100
58 55.2 27.5 82.5



#60
Dibromochloromethane
Concen: 51.218 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion: 129 Resp: 257027
Ion Ratio Lower Upper
129 100
127 76.2 37.8 113.3





#61

1,2-Dibromoethane

Concen: 48.255 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

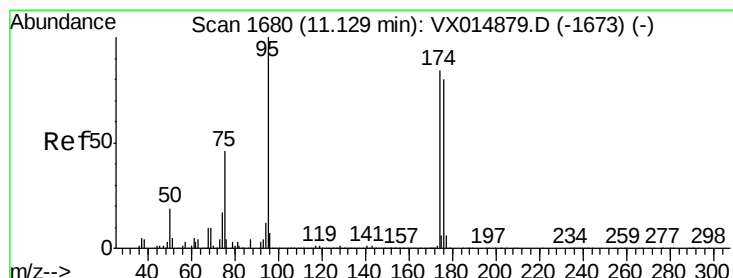
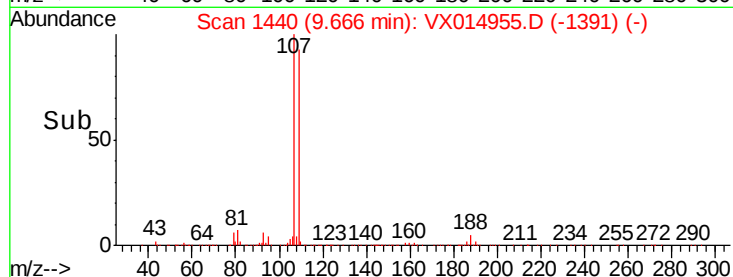
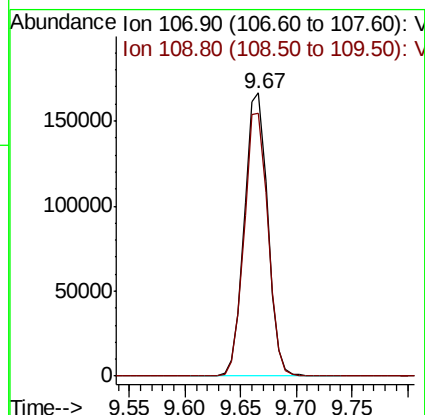
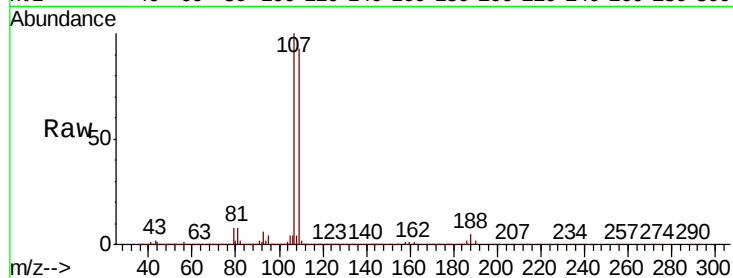
VSTDCCC050EC

Tot Ion:107 Resp: 242791

Ion Ratio Lower Upper

107 100

109 94.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.567 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

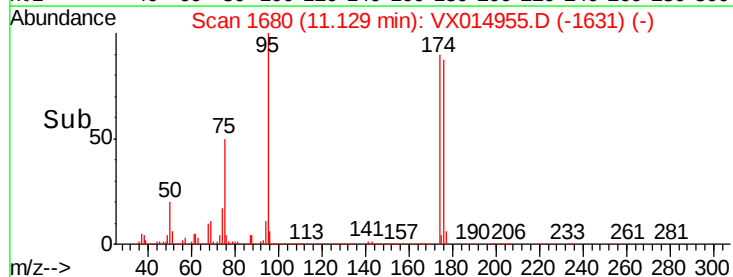
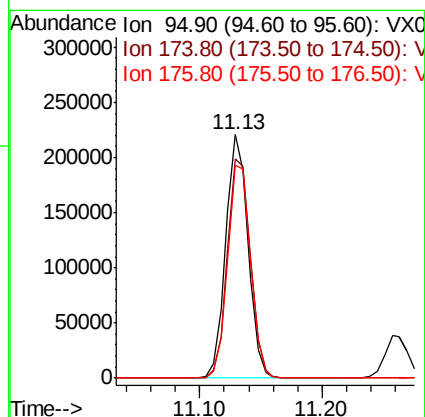
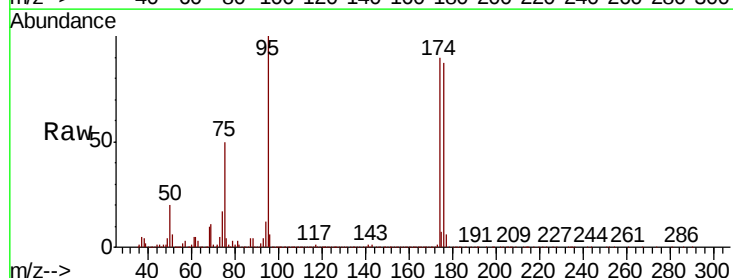
Tgt Ion: 95 Resp: 278755

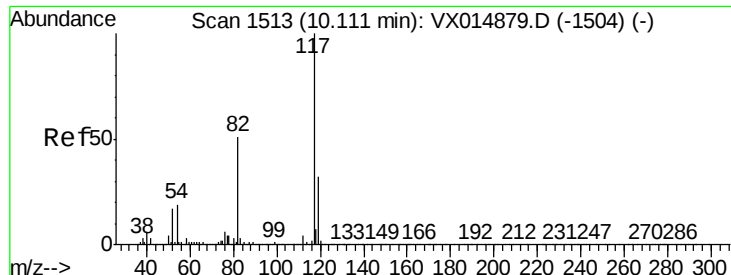
Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.0

176 89.7 0.0 178.0

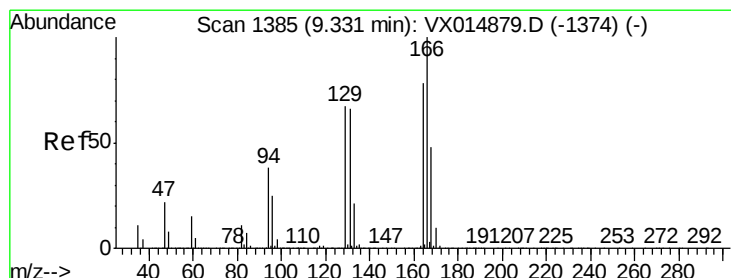
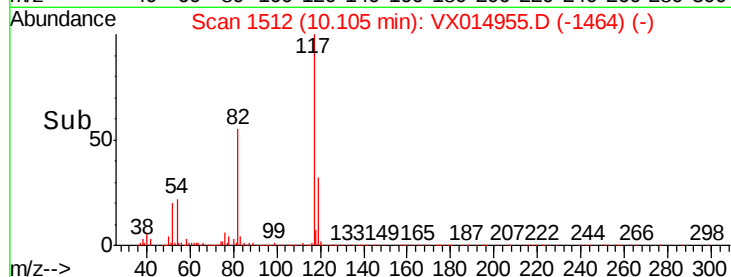
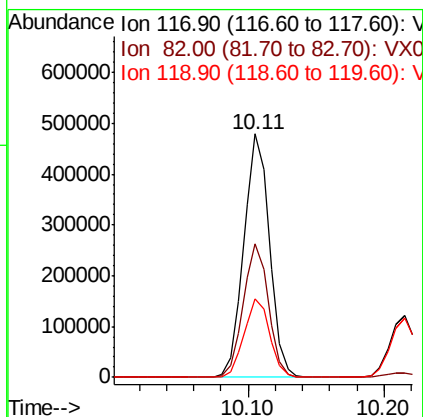
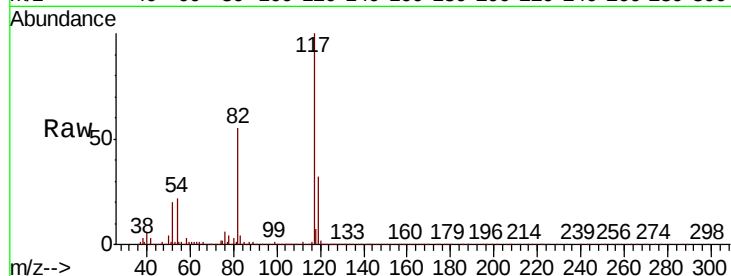




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

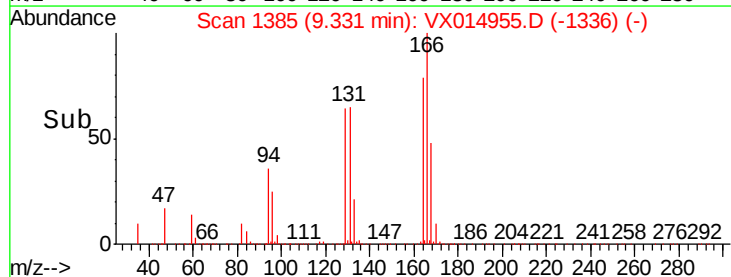
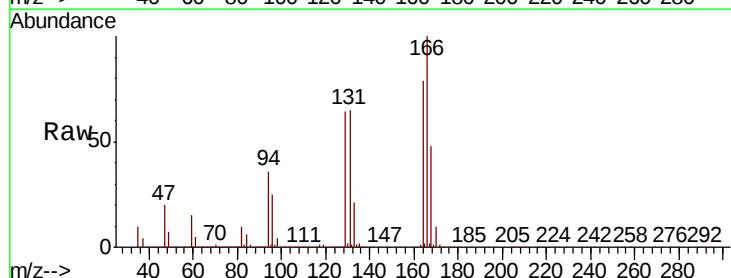
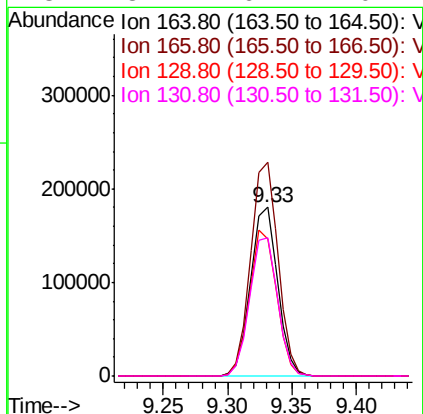
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

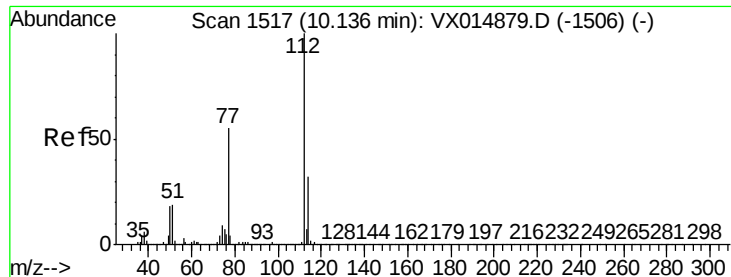
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	40.5	60.7
119	32.2	25.8	38.6



#64
Tetrachloroethene
Concen: 44.101 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	102.6	153.8
129	81.2	68.3	102.5
131	82.1	67.4	101.2

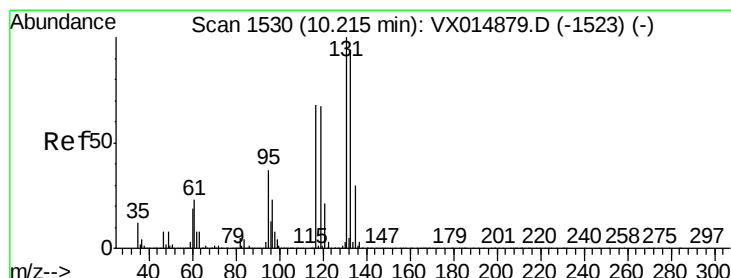
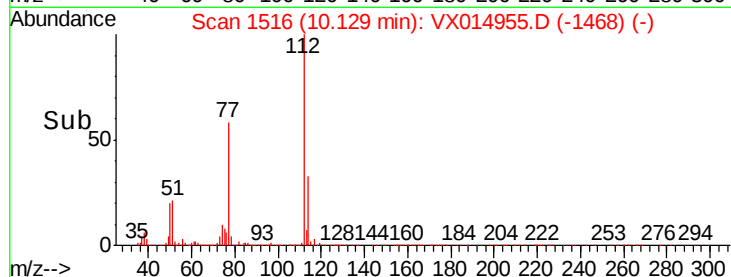
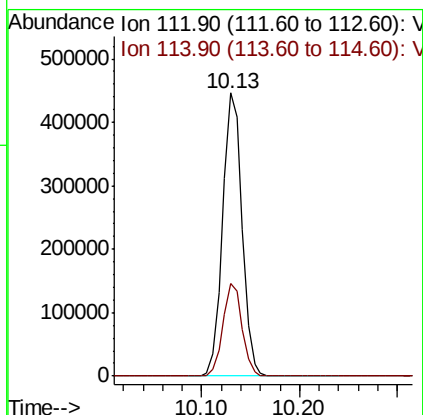
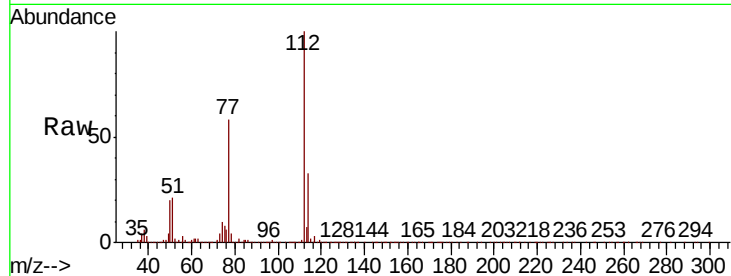




#65
Chlorobenzene
Concen: 48.003 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

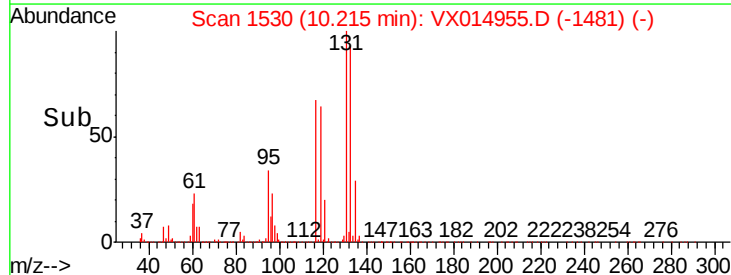
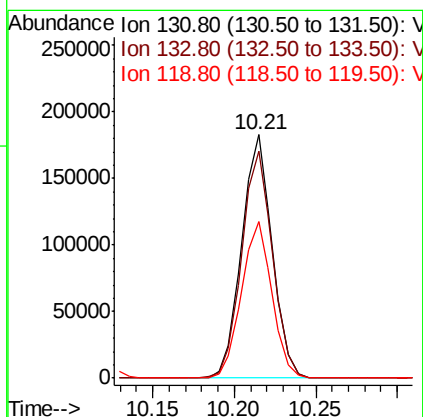
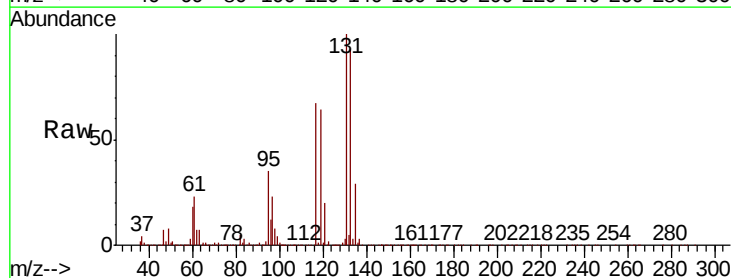
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

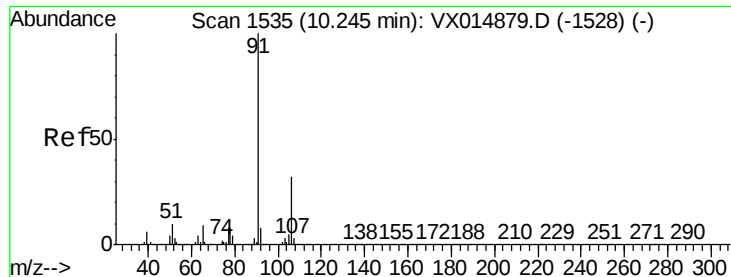
Tot Ion:112 Resp: 614396
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.161 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion:131 Resp: 237726
Ion Ratio Lower Upper
131 100
133 94.4 48.1 144.4
119 64.3 33.0 99.0

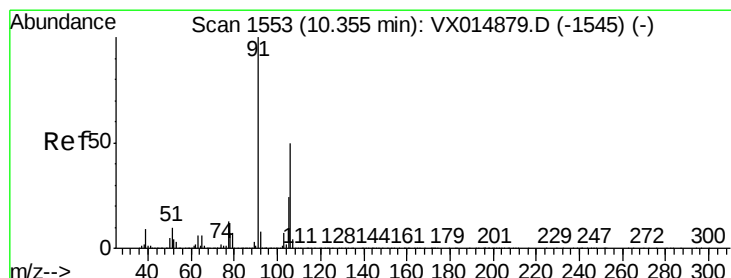
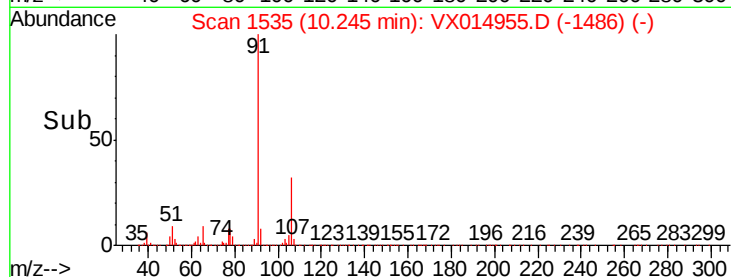
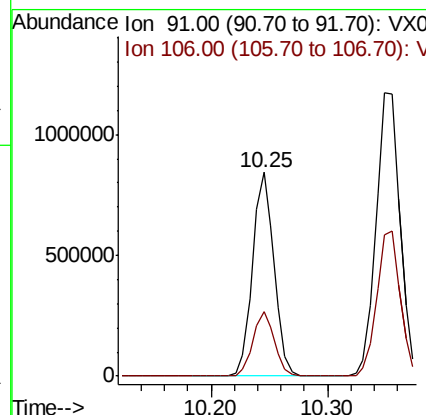
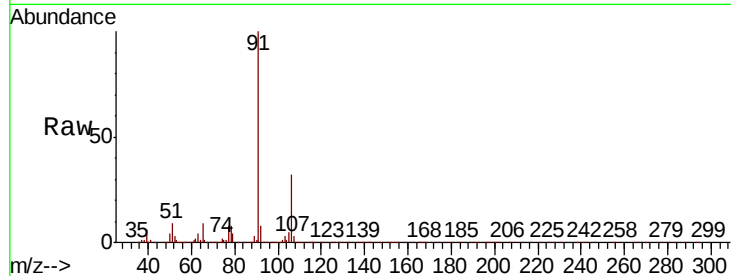




#67
Ethyl Benzene
Concen: 49.947 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

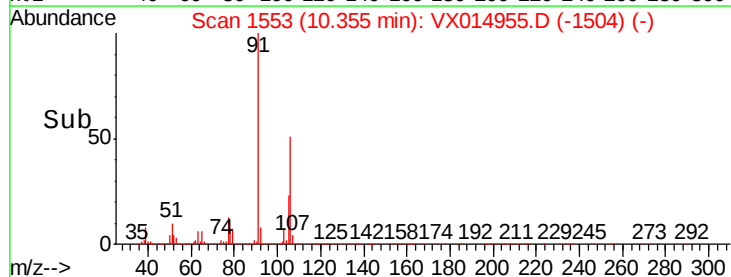
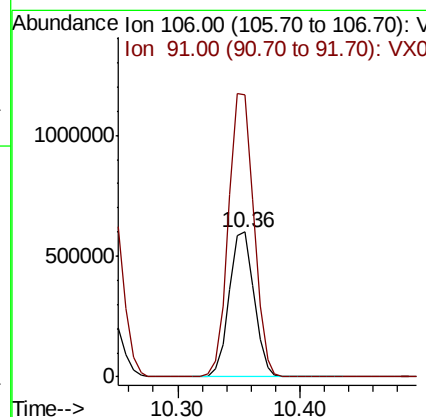
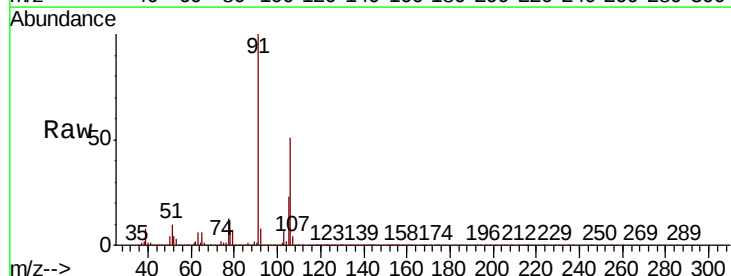
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

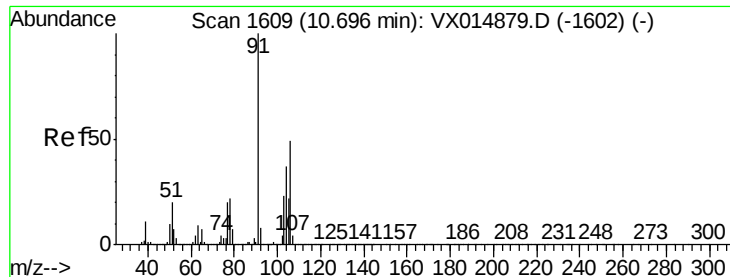
Tot Ion: 91 Resp: 1087217
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



#68
m/p-Xylenes
Concen: 100.512 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion: 106 Resp: 842844
Ion Ratio Lower Upper
106 100
91 199.2 160.6 240.8

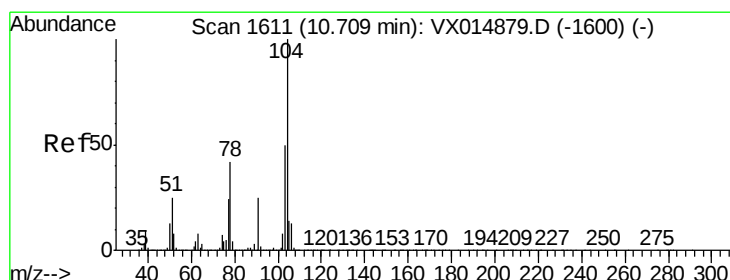
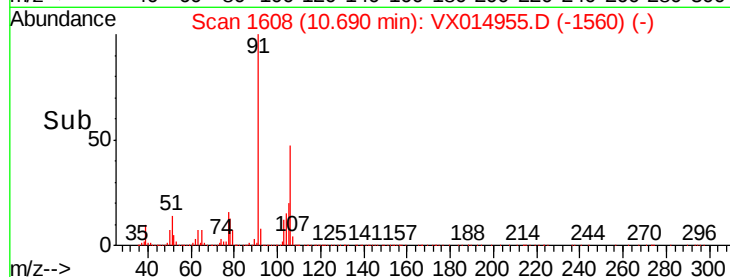
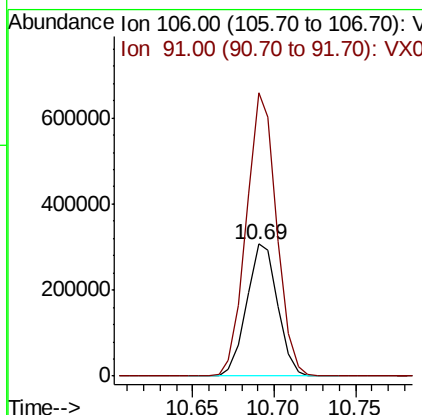
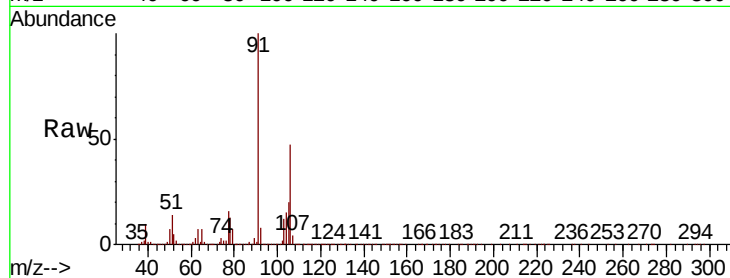




#69
o-Xylene
Concen: 50.443 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

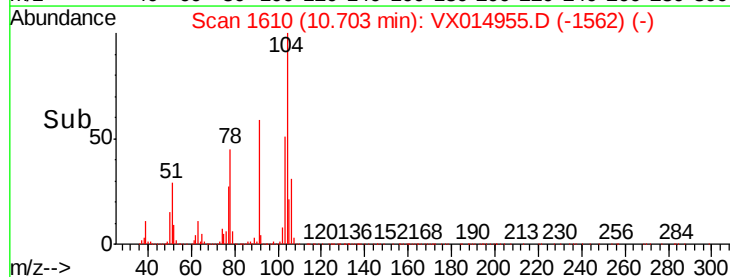
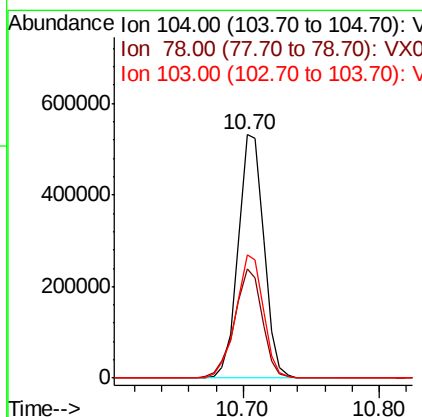
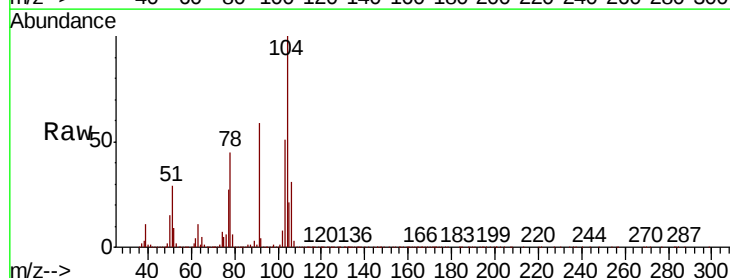
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

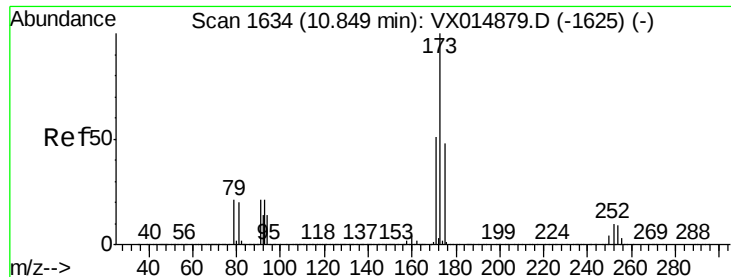
Tot Ion:106 Resp: 406604
Ion Ratio Lower Upper
106 100
91 209.6 105.1 315.3



#70
Styrene
Concen: 51.455 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion:104 Resp: 701673
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 54.5 43.4 65.0





#71

Bromoform

Concen: 51.189 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

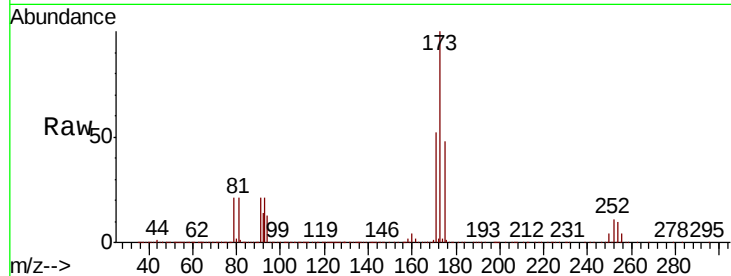
Tot Ion:173 Resp: 198539

Ion Ratio Lower Upper

173 100

175 49.0 24.2 72.6

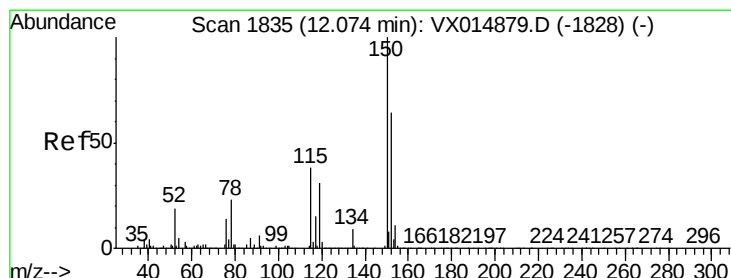
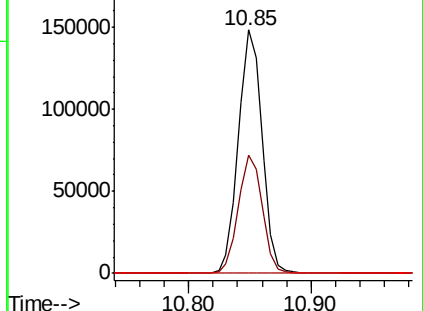
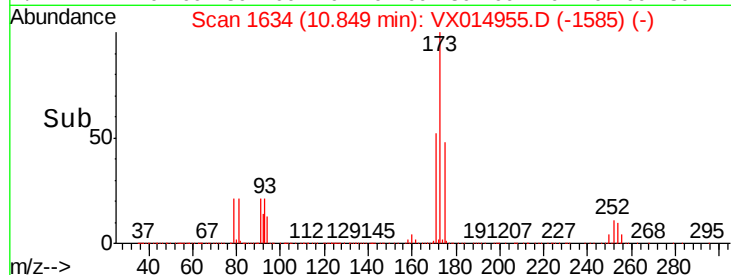
254 0.3 0.2 0.2#



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

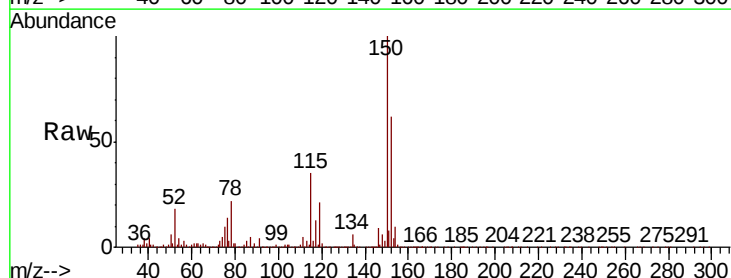
Tgt Ion:152 Resp: 347995

Ion Ratio Lower Upper

152 100

115 76.2 38.6 116.0

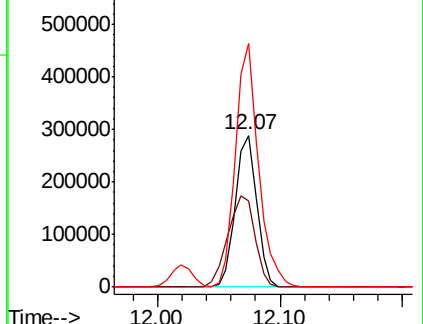
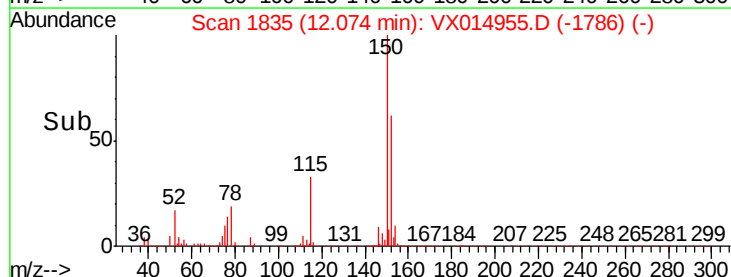
150 171.8 0.0 349.0

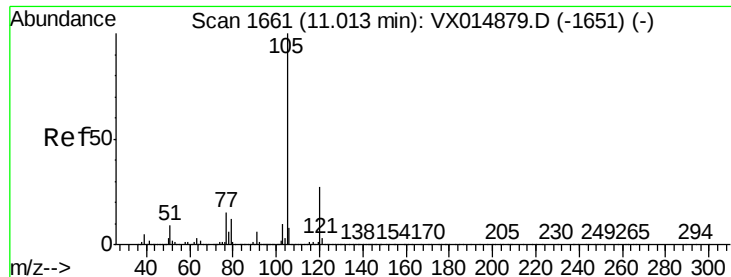


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.711 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

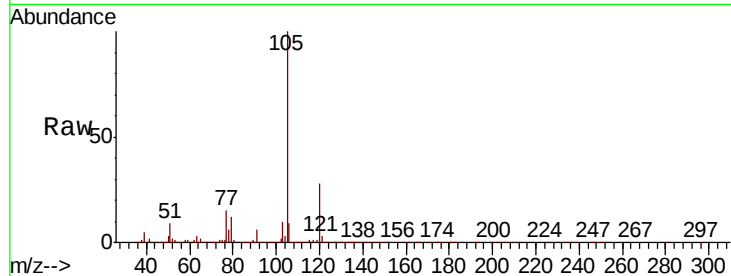
VSTDCCC050EC

Tot Ion:105 Resp: 1084841

Ion Ratio Lower Upper

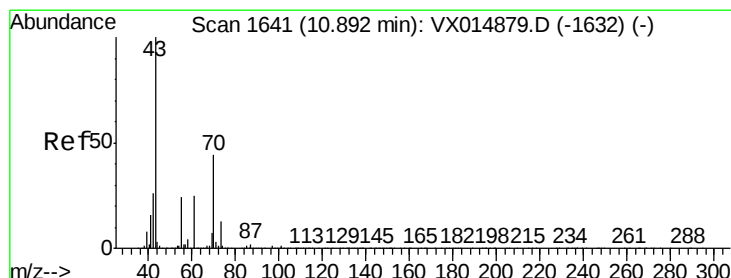
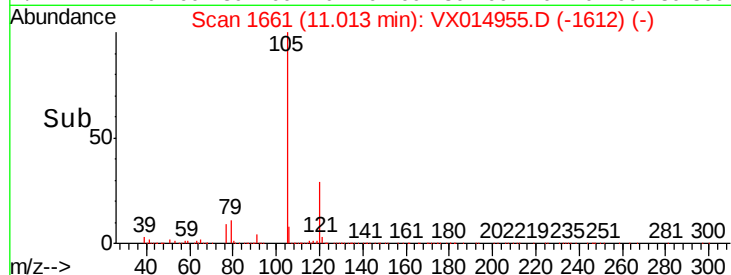
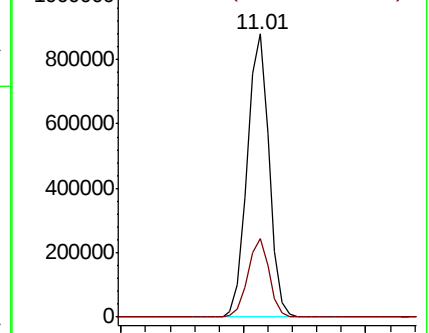
105 100

120 27.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.628 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Tgt Ion: 43 Resp: 450005

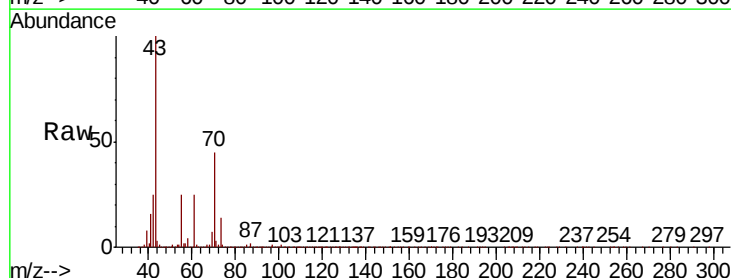
Ion Ratio Lower Upper

43 100

70 43.6 35.0 52.4

55 24.5 19.4 29.2

61 25.0 19.8 29.6

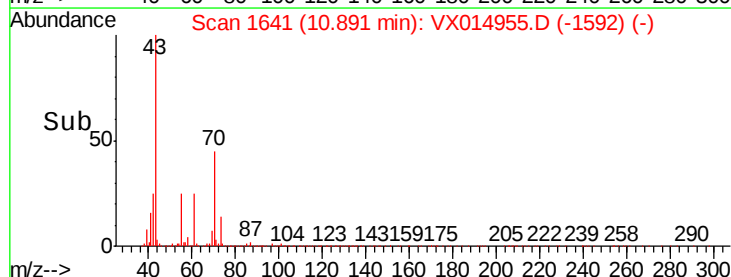
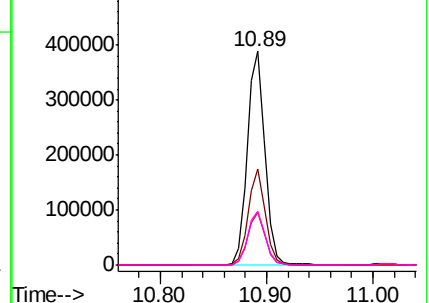


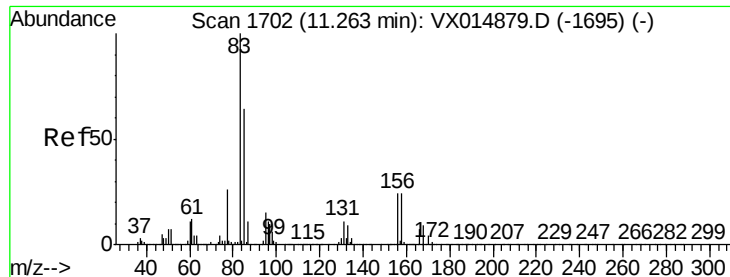
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.209 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

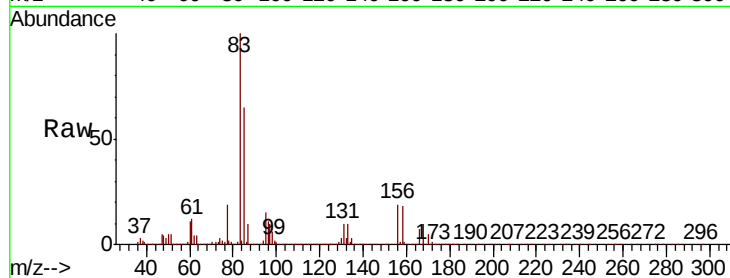
Tot Ion: 83 Resp: 336776

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

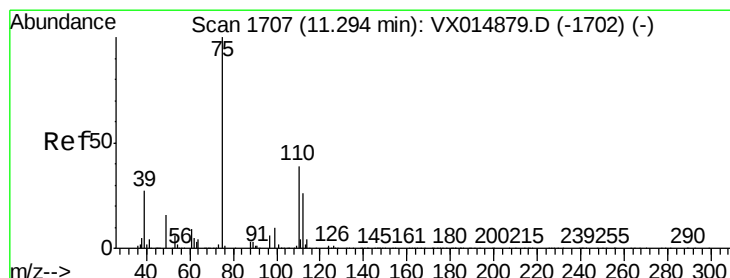
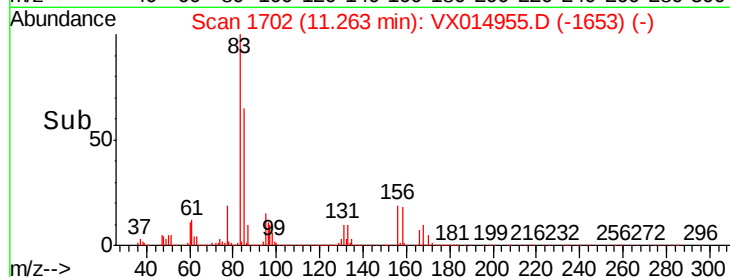
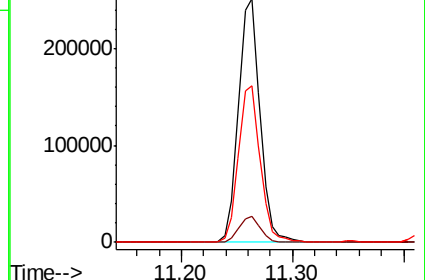
85 65.1 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.865 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014955.D

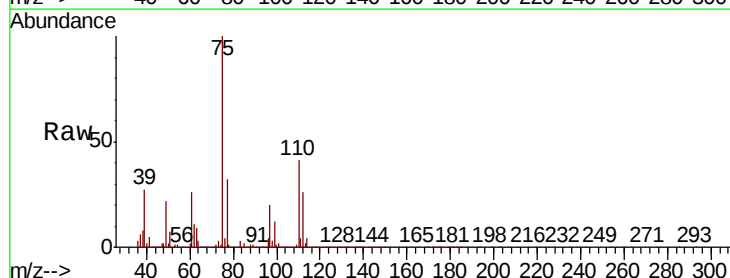
Acq: 18 Feb 2020 16:36

Tgt Ion: 75 Resp: 395604

Ion Ratio Lower Upper

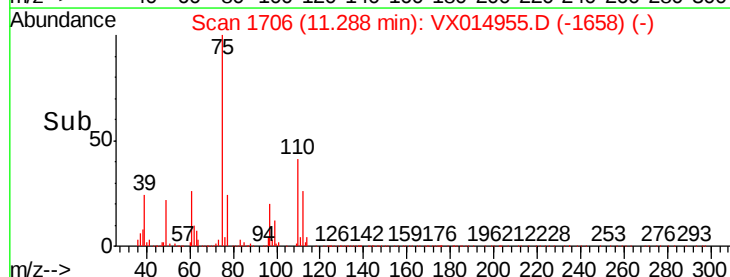
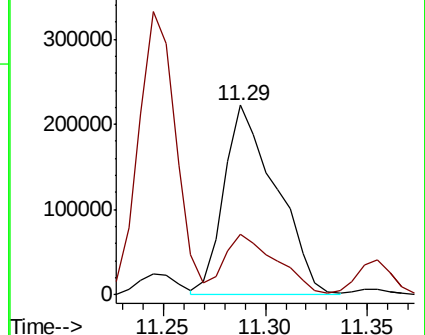
75 100

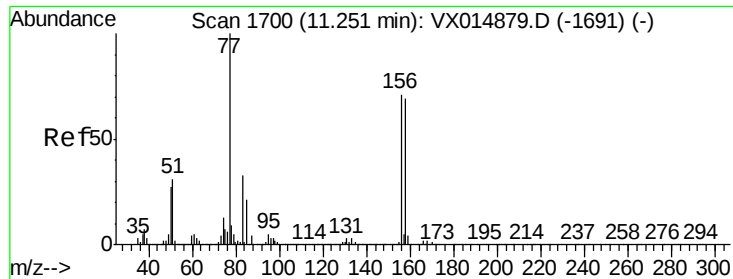
77 31.9 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.198 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

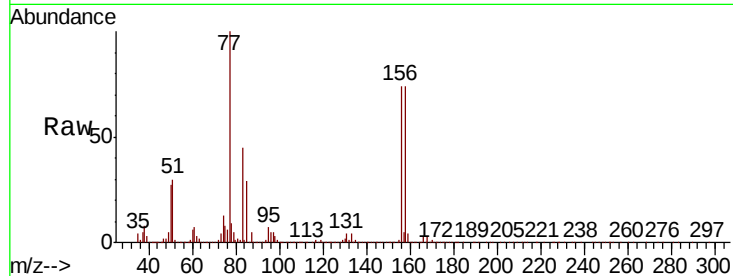
Tot Ion:156 Resp: 287490

Ion Ratio Lower Upper

156 100

77 146.3 74.0 222.0

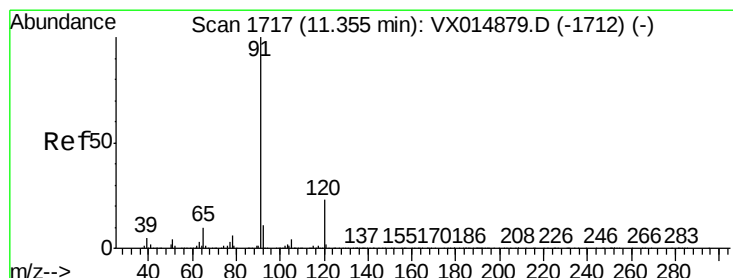
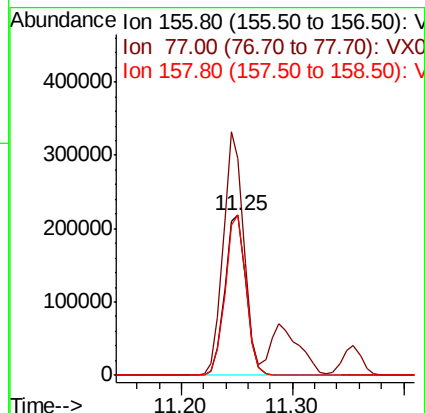
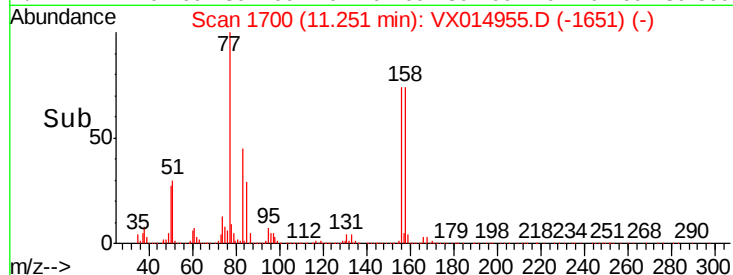
158 97.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.476 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014955.D

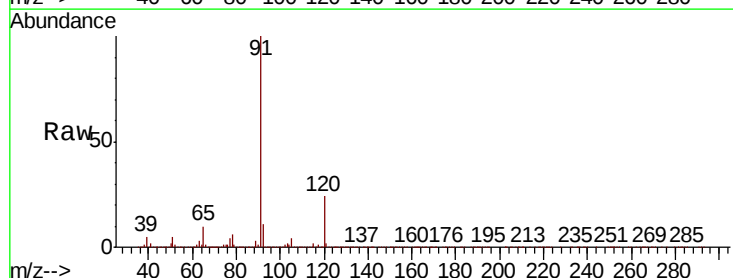
Acq: 18 Feb 2020 16:36

Tgt Ion: 91 Resp: 1248803

Ion Ratio Lower Upper

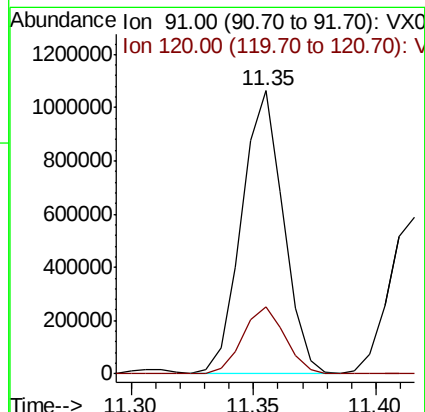
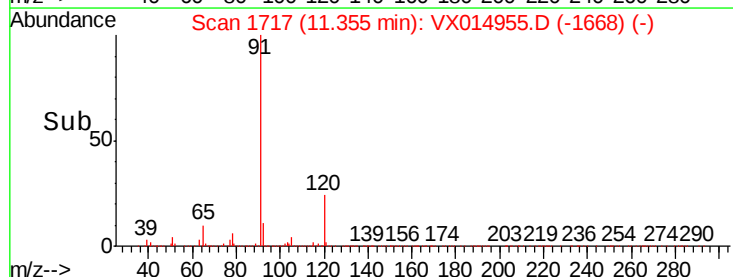
91 100

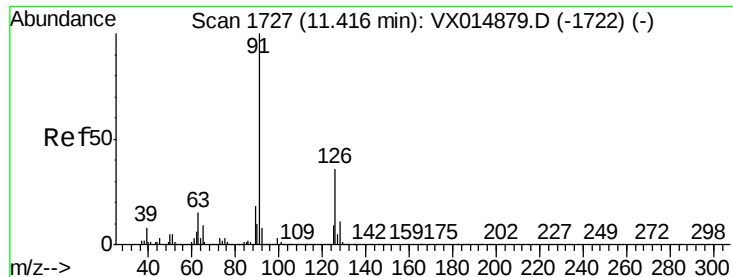
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

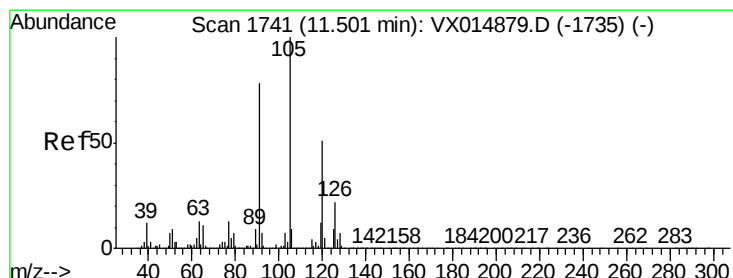
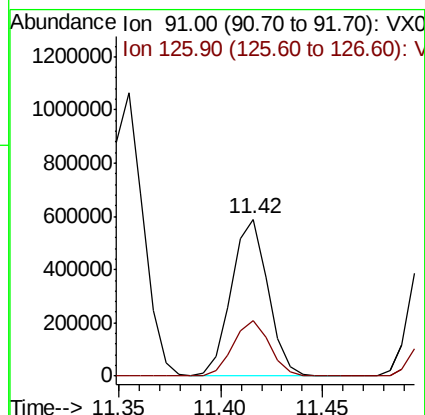
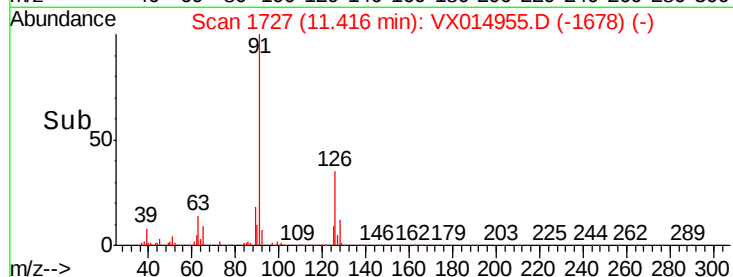
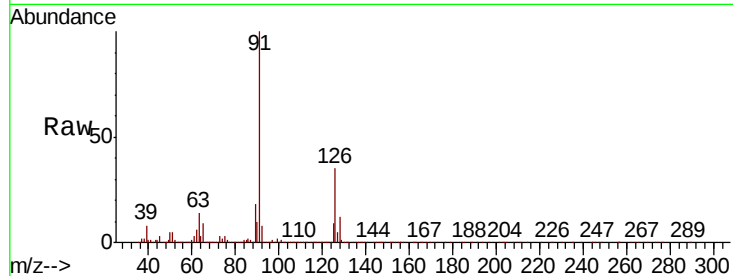




#79
 2-Chlorotoluene
 Concen: 48.975 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX014955.D
 Acq: 18 Feb 2020 16:36

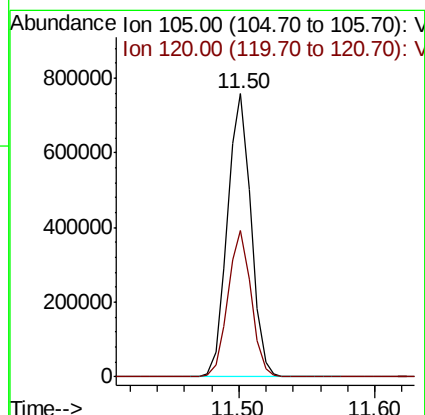
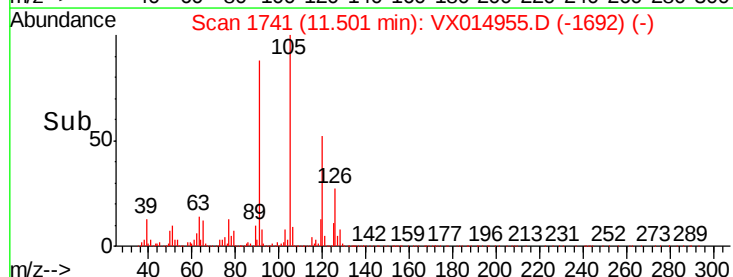
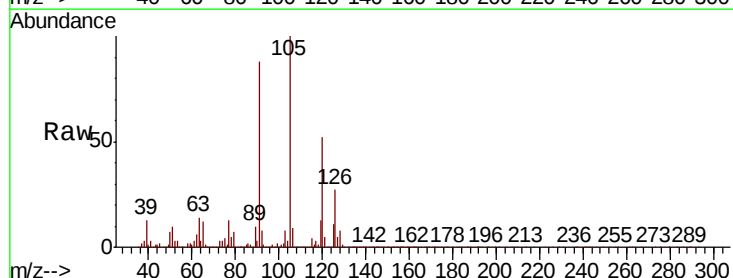
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 726732
 Ion Ratio Lower Upper
 91 100
 126 35.4 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 49.807 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014955.D
 Acq: 18 Feb 2020 16:36

Tgt Ion: 105 Resp: 908202
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.388 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

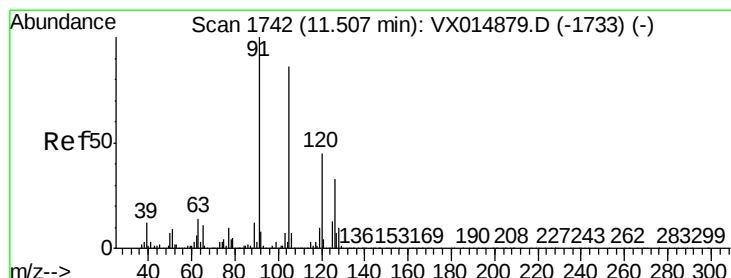
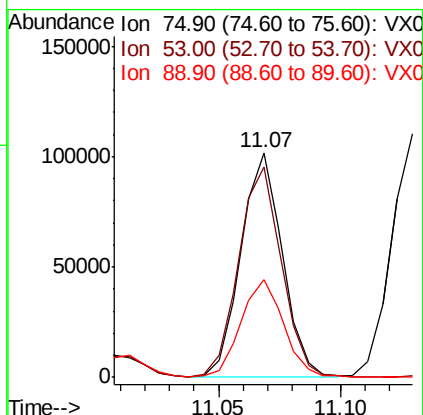
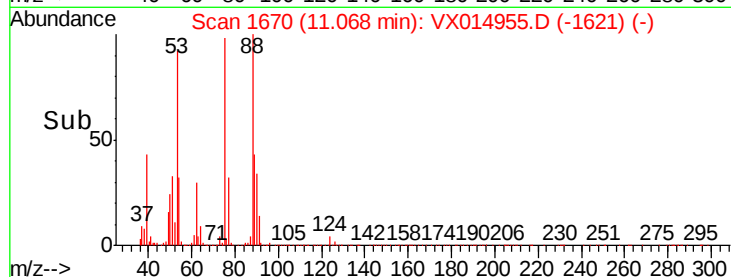
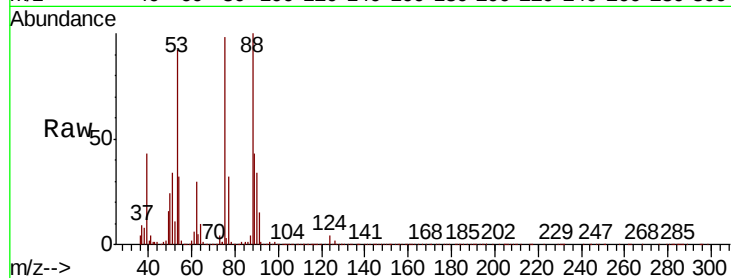
Tot Ion: 75 Resp: 118960

Ion Ratio Lower Upper

75 100

53 97.4 76.2 114.2

89 45.2 35.8 53.6



#82

4-Chlorotoluene

Concen: 48.358 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX014955.D

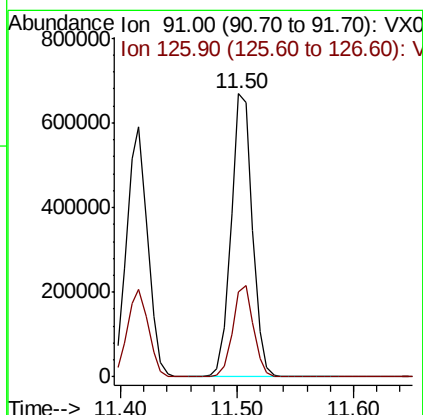
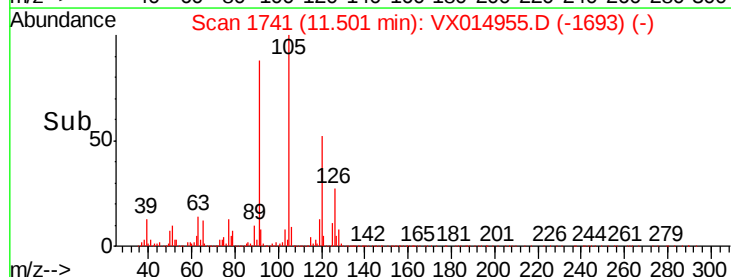
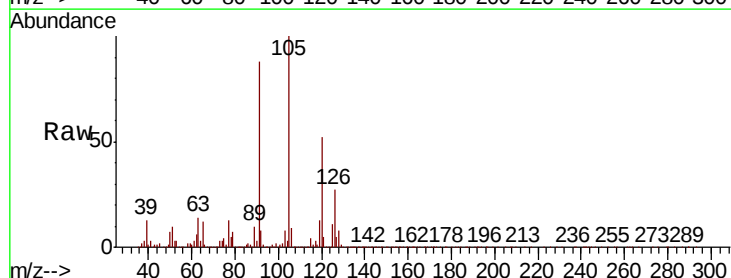
Acq: 18 Feb 2020 16:36

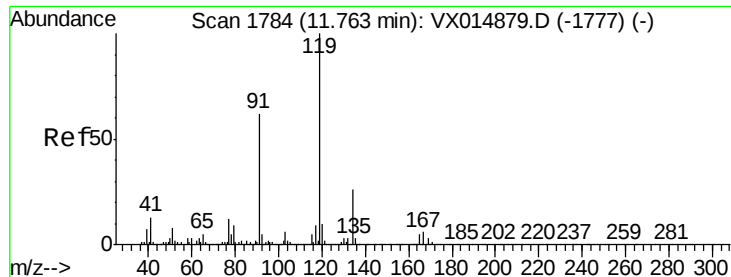
Tgt Ion: 91 Resp: 849759

Ion Ratio Lower Upper

91 100

126 31.5 15.7 47.0

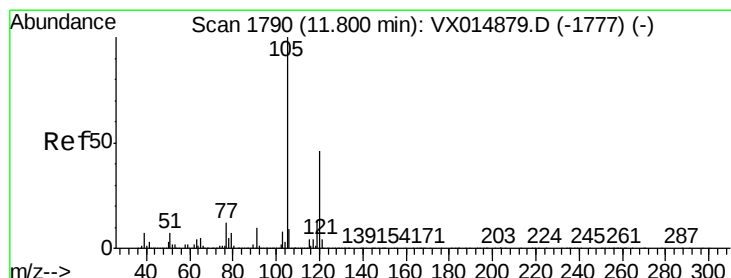
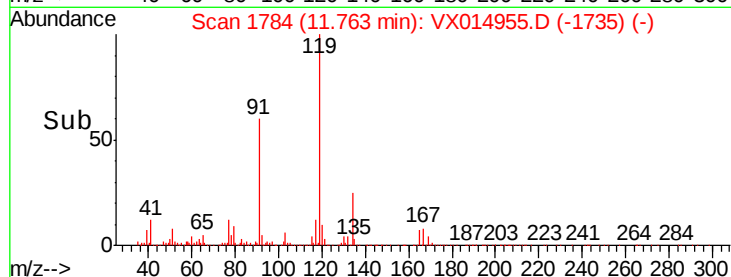
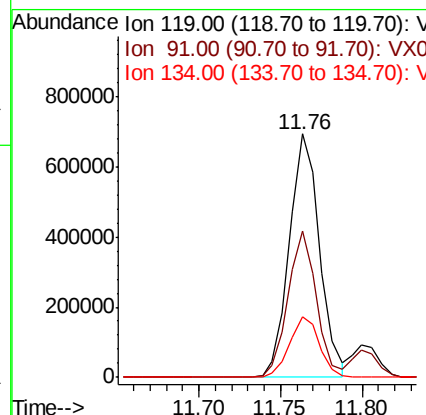
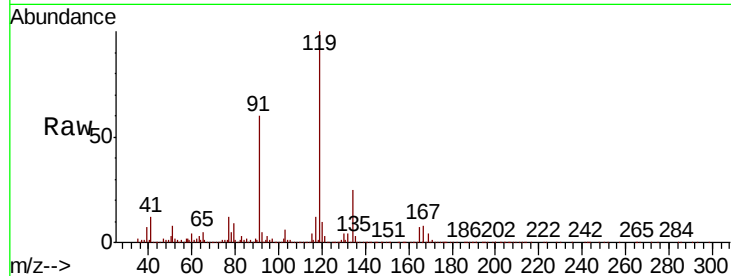




#83
tert-Butylbenzene
Concen: 51.472 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

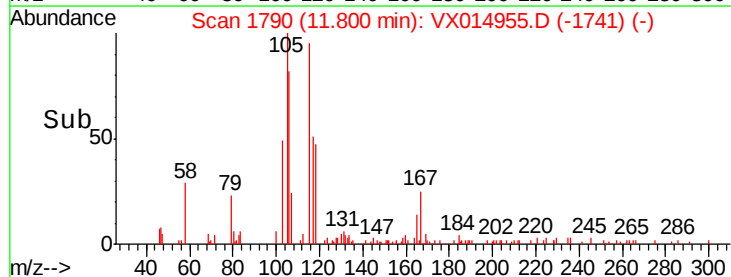
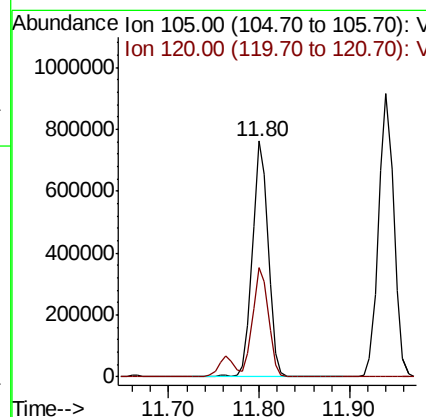
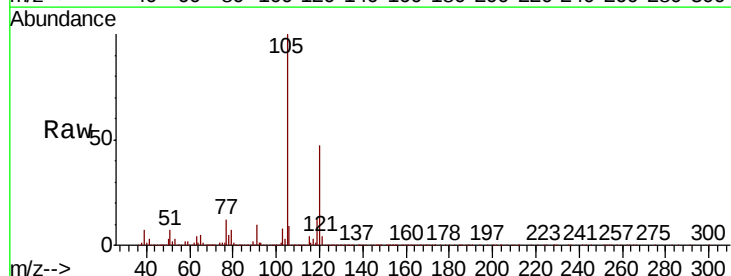
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

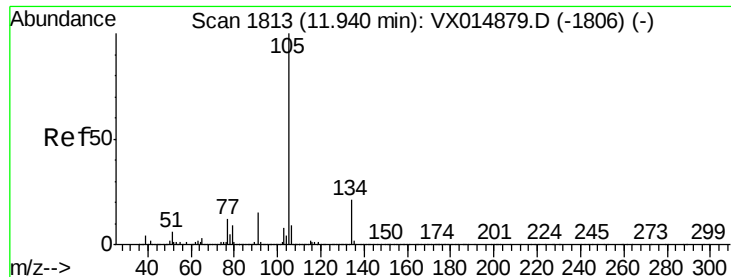
Tot Ion:119 Resp: 888781
Ion Ratio Lower Upper
119 100
91 56.6 29.5 88.6
134 24.6 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 50.062 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion:105 Resp: 919950
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 50.141 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

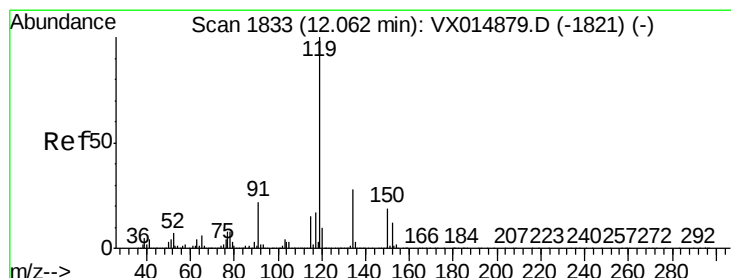
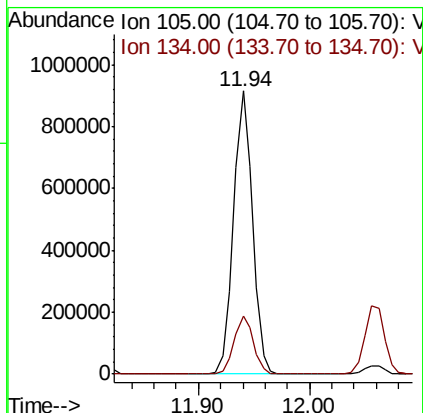
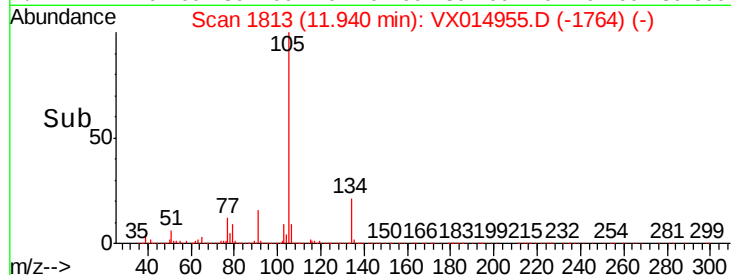
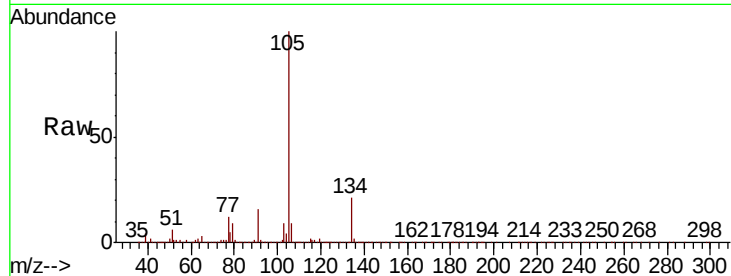
VSTDCCC050EC

Tot Ion:105 Resp: 1075565

Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8



#86

p-Isopropyltoluene

Concen: 50.350 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

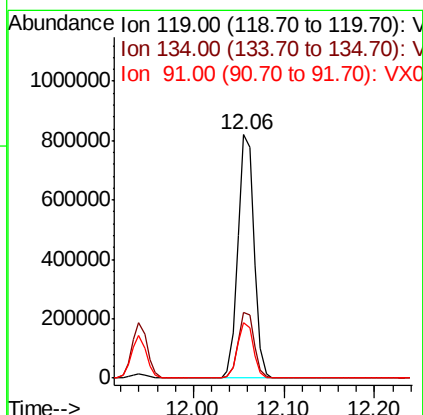
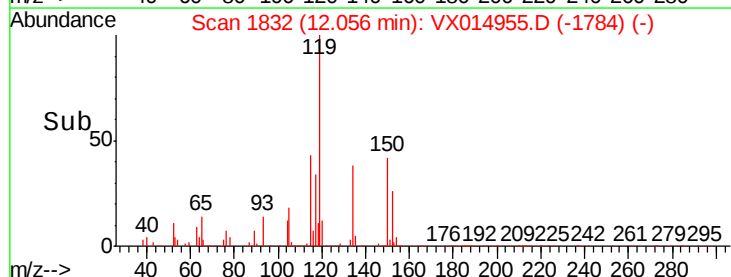
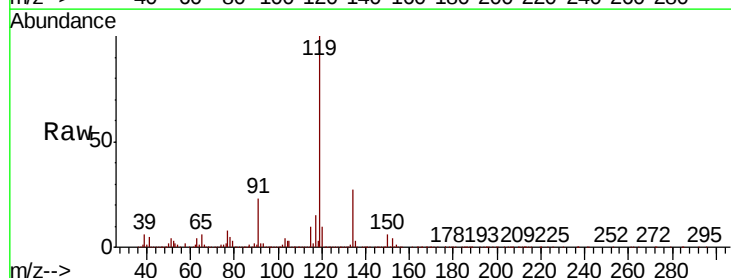
Tgt Ion:119 Resp: 1010690

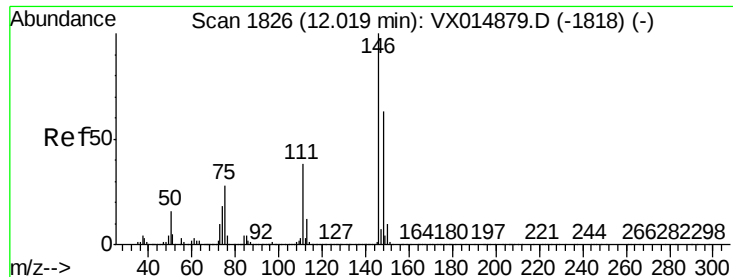
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 47.577 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

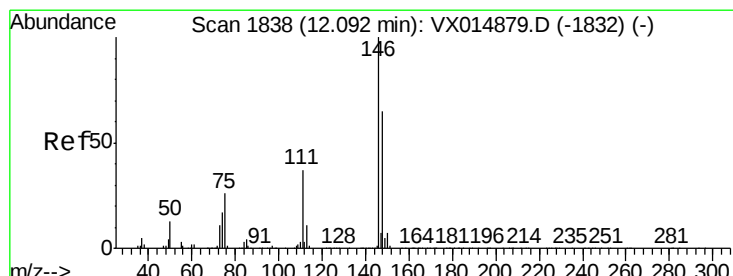
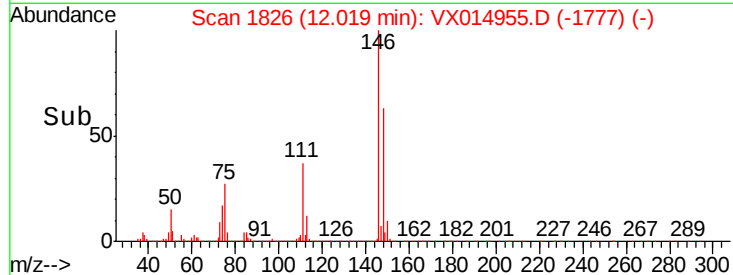
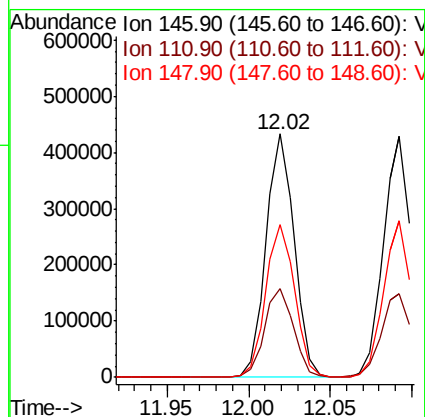
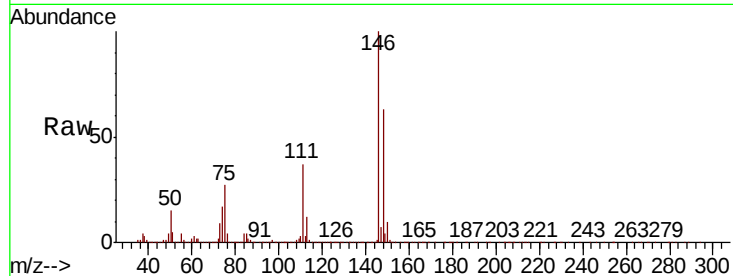
Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 519888

Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	56.0
148	64.2	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 46.337 ug/l

RT: 12.09 min Scan# 1838

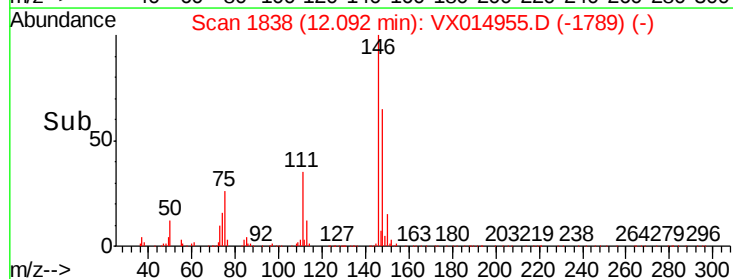
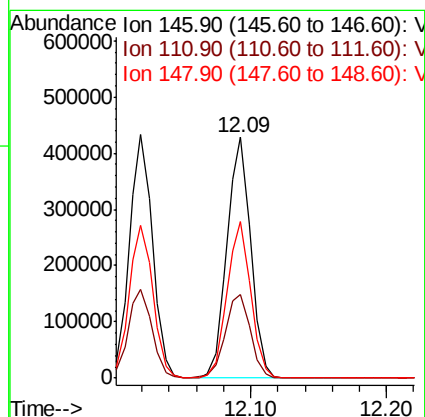
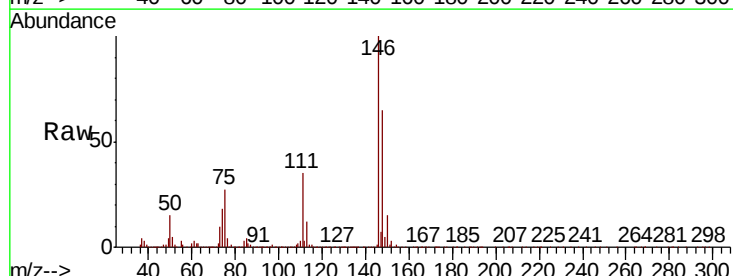
Delta R.T. 0.00 min

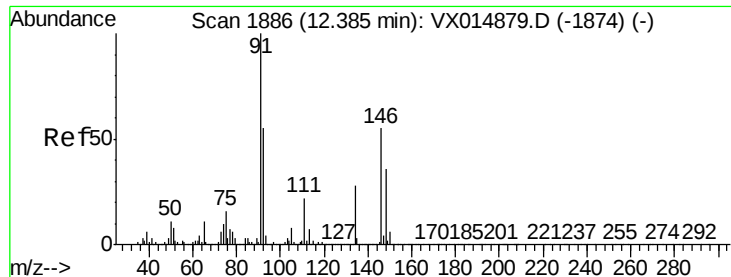
Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Tgt Ion:146 Resp: 517069

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.6
148	64.6	32.4	97.0





#89

n-Butylbenzene

Concen: 50.162 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

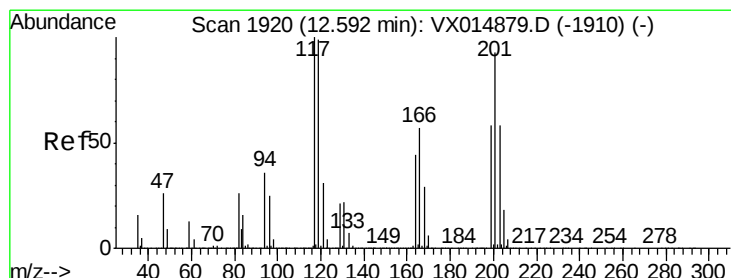
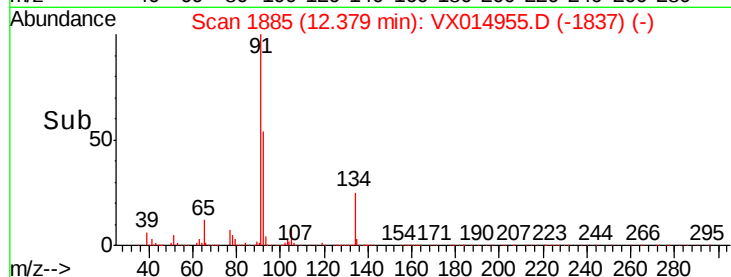
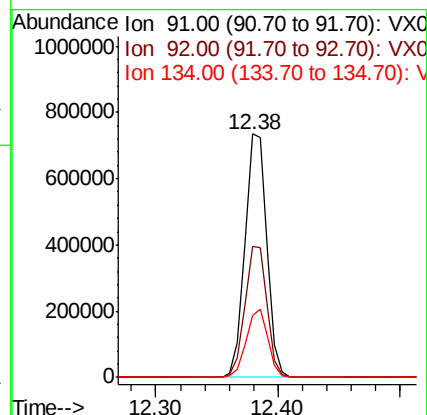
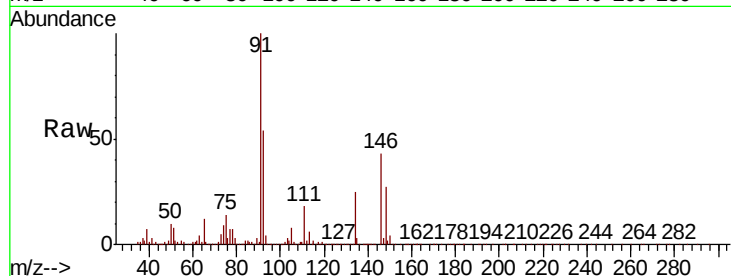
Tot Ion: 91 Resp: 901800

Ion Ratio Lower Upper

91 100

92 54.0 27.3 81.8

134 27.5 13.8 41.4



#90

Hexachloroethane

Concen: 50.886 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014955.D

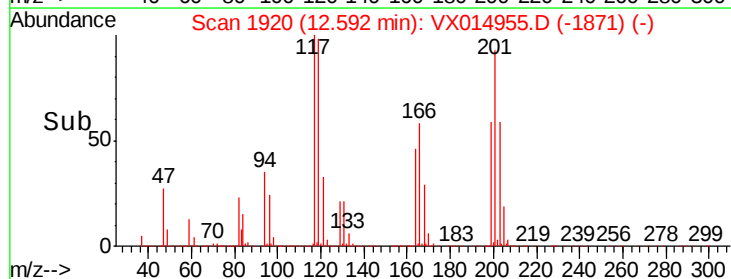
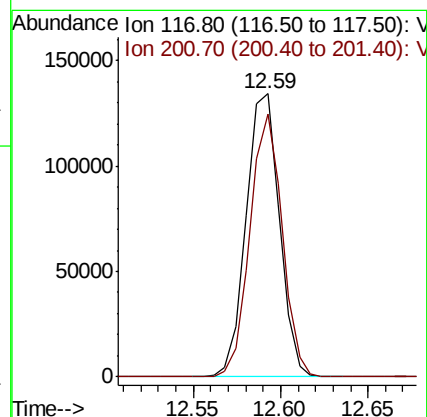
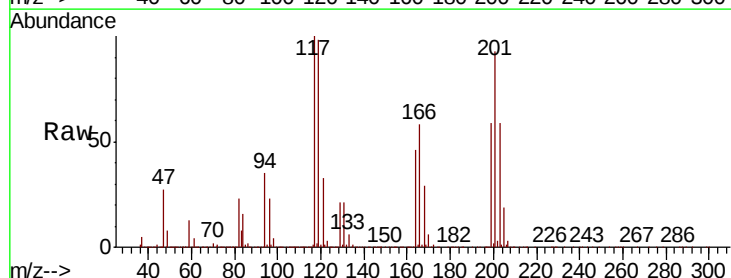
Acq: 18 Feb 2020 16:36

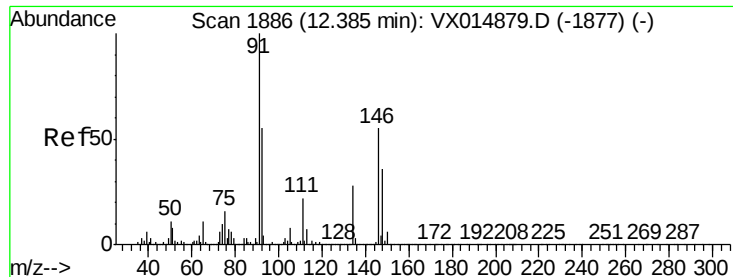
Tgt Ion: 117 Resp: 178383

Ion Ratio Lower Upper

117 100

201 89.5 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 47.874 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

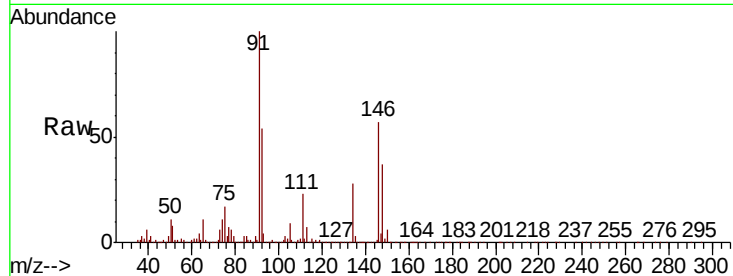
Tot Ion:146 Resp: 513022

Ion Ratio Lower Upper

146 100

111 39.0 19.8 59.3

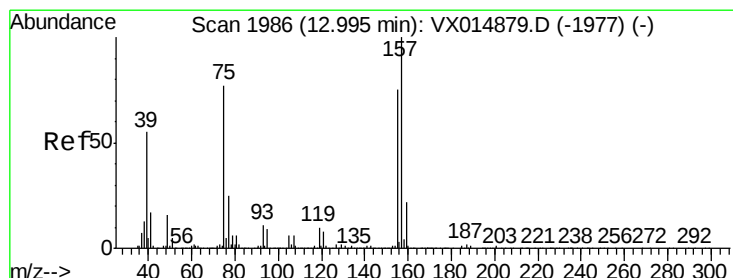
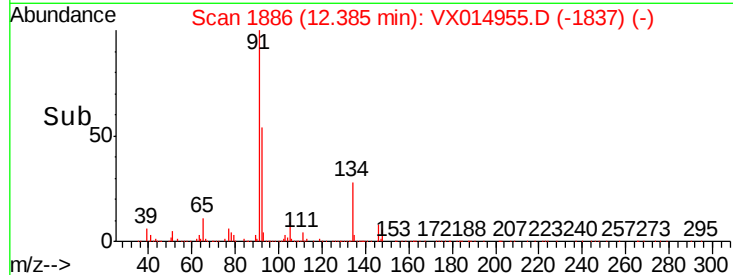
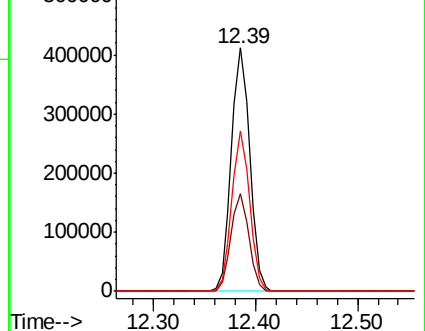
148 63.8 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.772 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

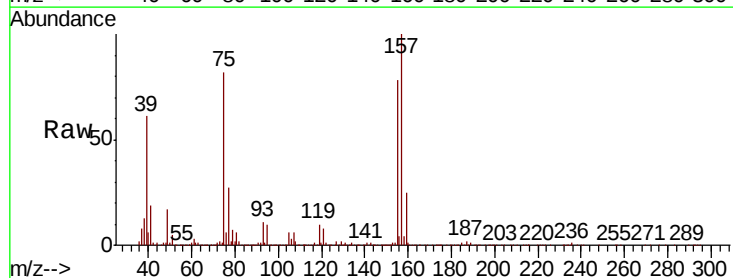
Tgt Ion: 75 Resp: 73257

Ion Ratio Lower Upper

75 100

155 99.1 48.6 145.9

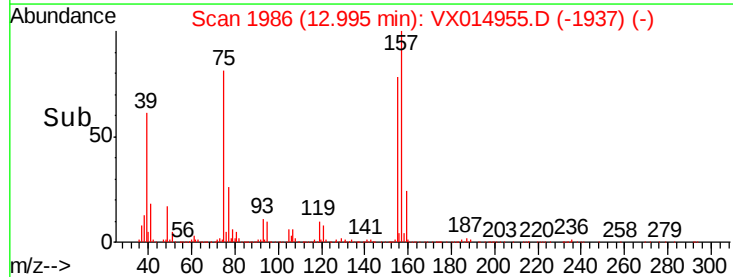
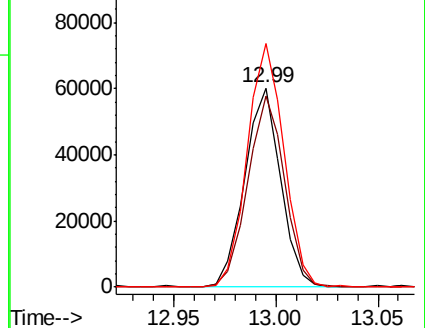
157 125.8 62.0 186.0



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

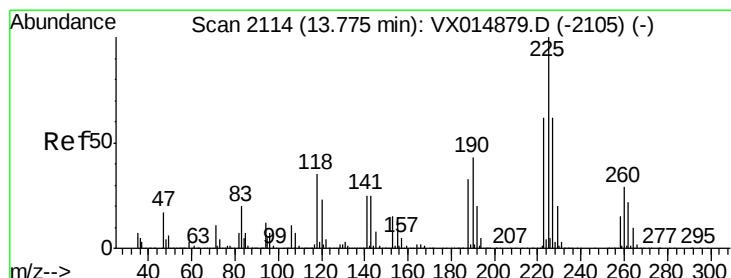
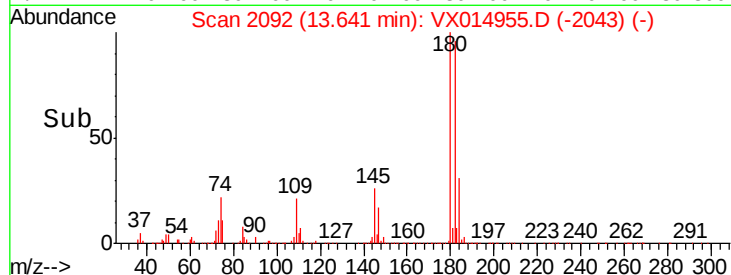
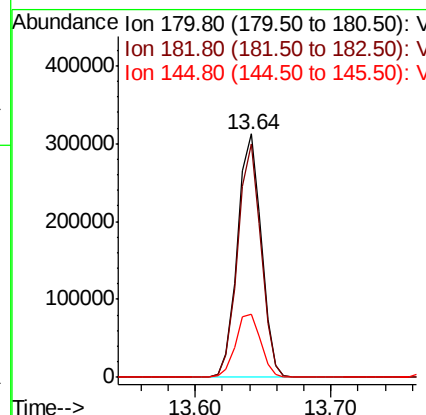
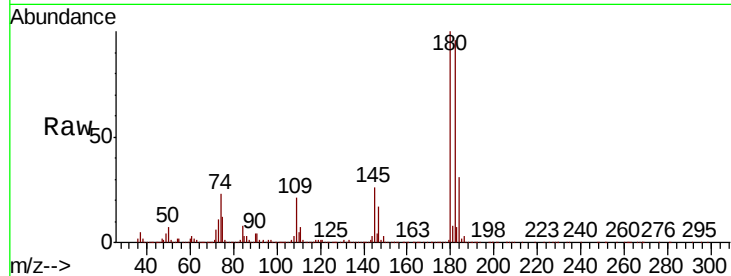




#93
 1,2,4-Trichlorobenzene
 Concen: 48.151 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014955.D
 Acq: 18 Feb 2020 16:36

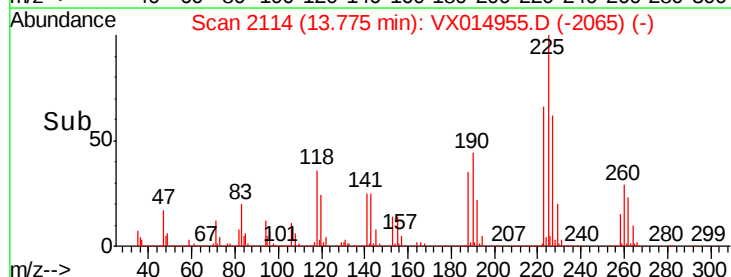
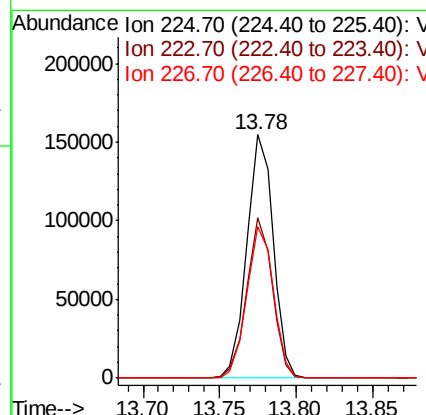
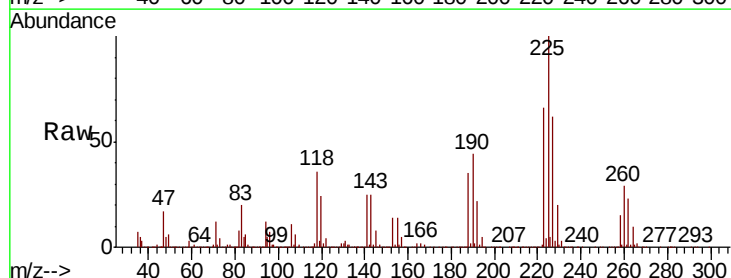
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

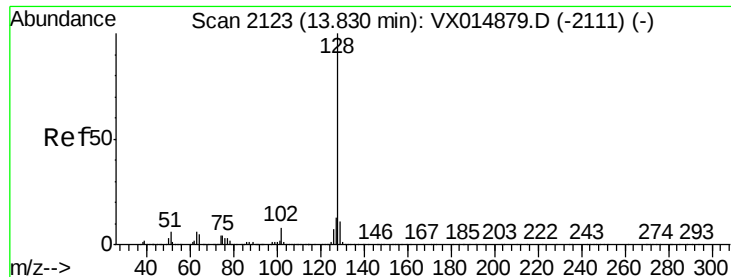
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.4	145.3
145	27.3	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 48.497 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014955.D
 Acq: 18 Feb 2020 16:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.1	93.2
227	62.9	30.9	92.5

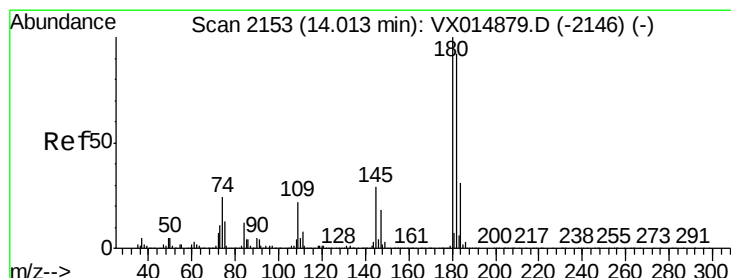
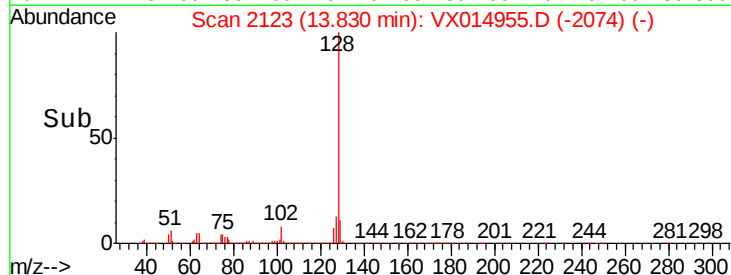
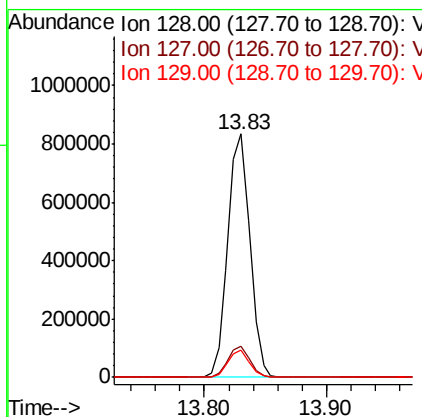
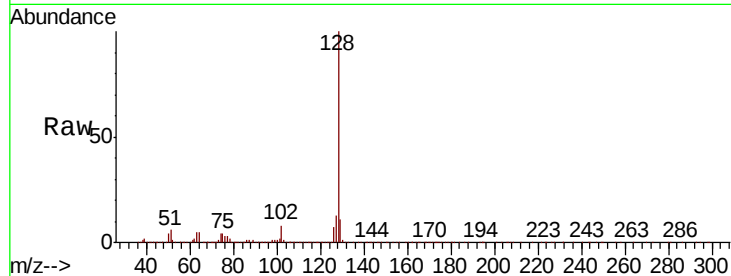




#95
Naphthalene
Concen: 49.638 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1043908
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.164 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014955.D
Acq: 18 Feb 2020 16:36

Tgt Ion:180 Resp: 368053
Ion Ratio Lower Upper
180 100
182 96.9 47.5 142.6
145 29.9 14.5 43.5

