

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022420\
 Data File : VX014998.D
 Acq On : 24 Feb 2020 09:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 25 00:42:18 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	431667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	637374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	590409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317202	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	237061	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.48	113	199165	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	8.71	98	746388	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.13	95	273136	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	205906	50.369	ug/l	99
3) Chloromethane	1.32	50	235624	50.839	ug/l	99
4) Vinyl Chloride	1.41	62	251734	50.420	ug/l	99
5) Bromomethane	1.63	94	156034	48.282	ug/l	97
6) Chloroethane	1.72	64	158008	49.461	ug/l	99
7) Trichlorofluoromethane	1.92	101	344641	49.406	ug/l	99
8) Diethyl Ether	2.18	74	143735	49.689	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	205508	50.754	ug/l	99
10) Methyl Iodide	2.50	142	233751	51.628	ug/l	100
11) Tert butyl alcohol	3.02	59	213222	247.885	ug/l	100
12) 1,1-Dichloroethene	2.37	96	196391	49.636	ug/l	97
13) Acrolein	2.28	56	158200	241.311	ug/l	99
14) Allyl chloride	2.72	41	349228	49.783	ug/l	97
15) Acrylonitrile	3.13	53	560269	256.935	ug/l	99
16) Acetone	2.43	43	700515	268.493	ug/l	98
17) Carbon Disulfide	2.56	76	498681	45.109	ug/l	100
18) Methyl Acetate	2.76	43	261442	53.285	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	663186	51.502	ug/l	99
20) Methylene Chloride	2.85	84	224357	47.874	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	208007	47.644	ug/l	94
22) Diisopropyl ether	3.84	45	712843	53.205	ug/l	90
23) Vinyl Acetate	3.80	43	3004133	271.997	ug/l	99
24) 1,1-Dichloroethane	3.69	63	385025	50.918	ug/l	99
25) 2-Butanone	4.65	43	877163	264.473	ug/l	100
26) 2,2-Dichloropropane	4.57	77	321383	49.318	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	243889	49.974	ug/l	99
28) Bromochloromethane	5.00	49	153314	52.309	ug/l	97
29) Tetrahydrofuran	5.11	42	491973	260.938	ug/l	100
30) Chloroform	5.20	83	383558	51.126	ug/l	98
31) Cyclohexane	5.57	56	342843	49.780	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	332537	50.672	ug/l	99
36) 1,1-Dichloropropene	5.79	75	289075	50.702	ug/l	99
37) Ethyl Acetate	4.81	43	303818	51.091	ug/l	99
38) Carbon Tetrachloride	5.78	117	282363	50.819	ug/l	98

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Quant Time: Feb 25 00:42:18 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)
39) Methylcyclohexane	7.45	83	361971	50.763	ug/l	98
40) Benzene	6.13	78	876270	51.439	ug/l	98
41) Methacrylonitrile	5.02	41	172703	53.910	ug/l	99
42) 1,2-Dichloroethane	6.18	62	309161	50.213	ug/l	100
43) Isopropyl Acetate	6.43	43	517024	52.706	ug/l	99
44) Trichloroethene	7.20	130	244282	49.397	ug/l	96
45) 1,2-Dichloropropane	7.50	63	228338	52.558	ug/l	100
46) Dibromomethane	7.65	93	149746	50.425	ug/l	97
47) Bromodichloromethane	7.89	83	303940	51.618	ug/l	98
48) Methyl methacrylate	7.76	41	257357	53.309	ug/l	99
49) 1,4-Dioxane	7.73	88	94017	1041.601	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1572964	265.556	ug/l	100
52) Toluene	8.78	92	556277	51.414	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	337081	52.235	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	368679	51.716	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	227034	51.864	ug/l	98
56) Ethyl methacrylate	9.17	69	354734	53.914	ug/l	99
57) 1,3-Dichloropropane	9.36	76	382525	51.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	959570	278.860	ug/l	99
59) 2-Hexanone	9.48	43	1254620	269.476	ug/l	100
60) Dibromochloromethane	9.57	129	248620	52.776	ug/l	99
61) 1,2-Dibromoethane	9.67	107	238964	50.594	ug/l	99
64) Tetrachloroethene	9.33	164	253752	45.969	ug/l	99
65) Chlorobenzene	10.13	112	604361	50.468	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	229139	52.706	ug/l	99
67) Ethyl Benzene	10.25	91	1066871	52.385	ug/l	100
68) m/p-Xylenes	10.36	106	826431	105.337	ug/l	98
69) o-Xylene	10.69	106	393630	52.193	ug/l	100
70) Styrene	10.71	104	686422	53.800	ug/l	100
71) Bromoform	10.85	173	192611	53.078	ug/l #	99
73) Isopropylbenzene	11.01	105	1069155	53.748	ug/l	100
74) N-amyl acetate	10.89	43	454818	55.028	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	339307	52.181	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	394594	68.792	ug/l	93
77) Bromobenzene	11.25	156	283966	51.146	ug/l	98
78) n-propylbenzene	11.35	91	1229139	53.424	ug/l	100
79) 2-Chlorotoluene	11.42	91	719328	53.182	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	900929	54.204	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	116129	51.822	ug/l	99
82) 4-Chlorotoluene	11.51	91	832305	51.962	ug/l	100
83) tert-Butylbenzene	11.76	119	862566	54.803	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	903867	53.962	ug/l	99
85) sec-Butylbenzene	11.94	105	1059120	54.167	ug/l	99
86) p-Isopropyltoluene	12.06	119	985019	53.835	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	503237	50.524	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	508558	49.999	ug/l	99
89) n-Butylbenzene	12.39	91	872347	53.234	ug/l	99
90) Hexachloroethane	12.59	117	174455	54.597	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	497223	50.904	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73238	48.008	ug/l	99

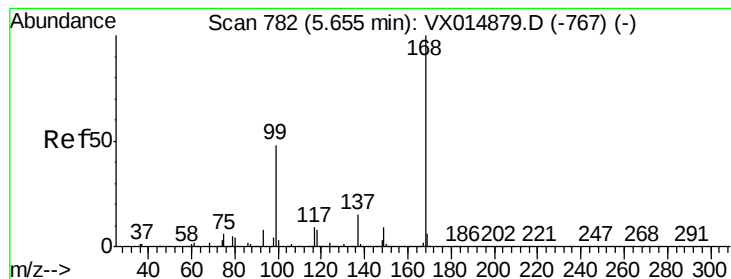
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022420\
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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	362802	50.322	ug/l	100
94) Hexachlorobutadiene	13.78	225	181616	52.081	ug/l	98
95) Naphthalene	13.83	128	1020220	53.222	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	359784	51.652	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

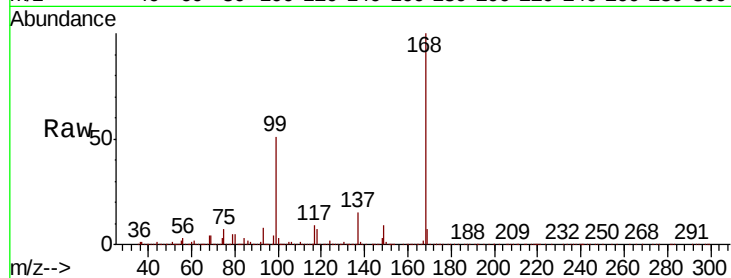
ClientSampleId :

Tot Ion:168 Resp: 431667

Ion Ratio Lower Upper

168 100

99 50.5 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

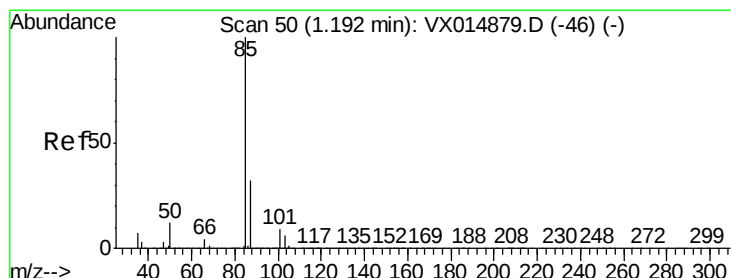
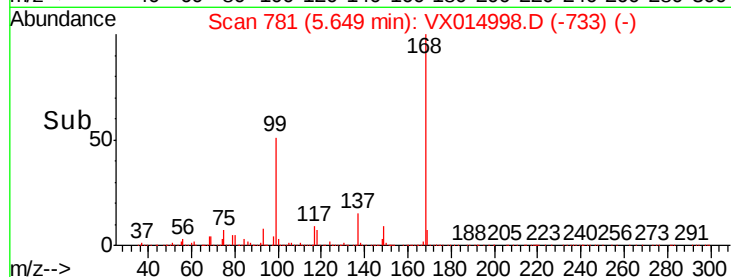
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.369 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014998.D

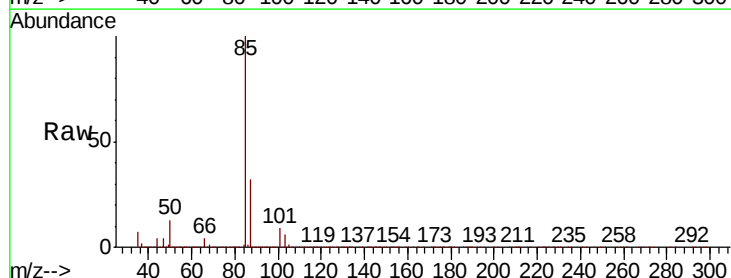
Acq: 24 Feb 2020 09:53

Tgt Ion: 85 Resp: 205906

Ion Ratio Lower Upper

85 100

87 31.5 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

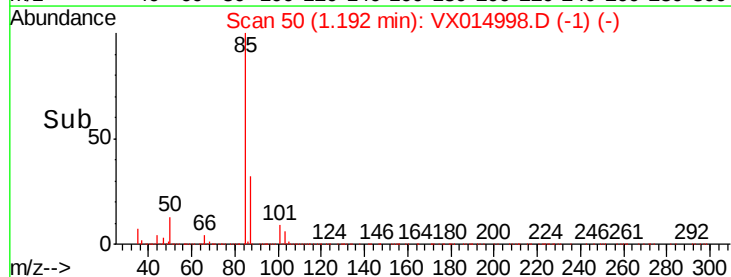
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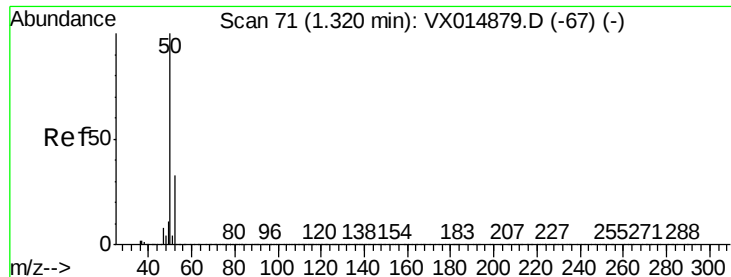
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50000

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Time-->

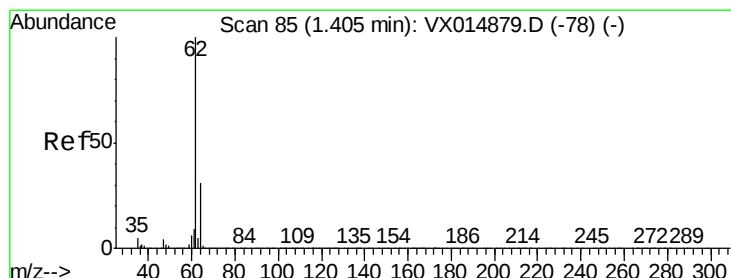
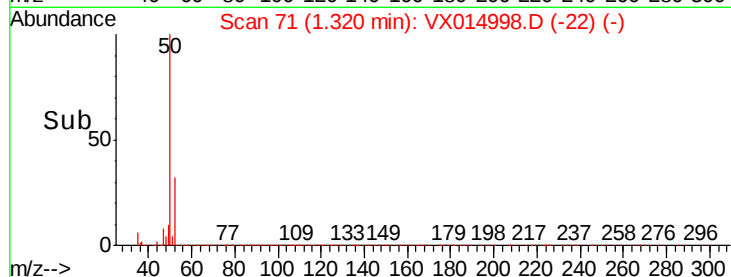
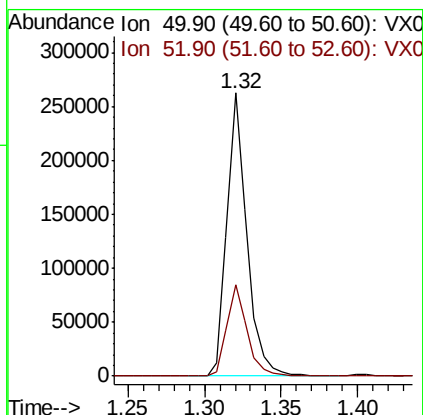
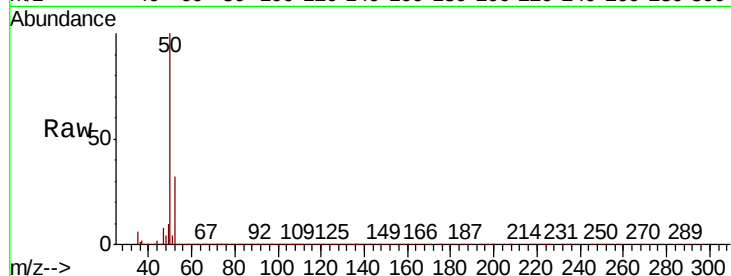




#3
Chloromethane
Concen: 50.839 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

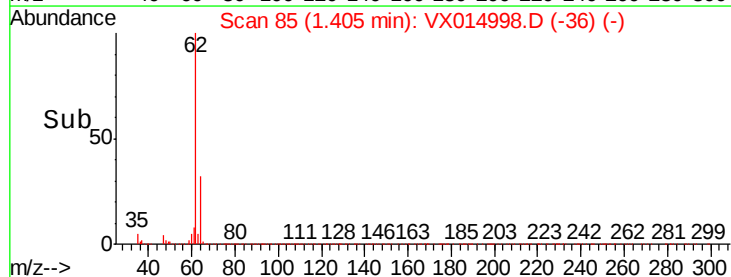
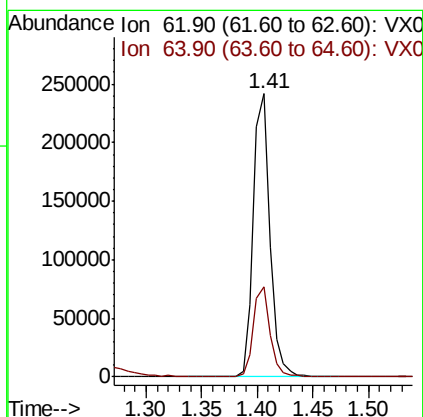
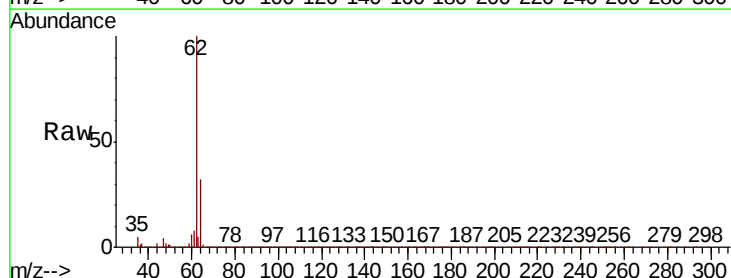
Instrument :
MSVOA_X
ClientSampleId :

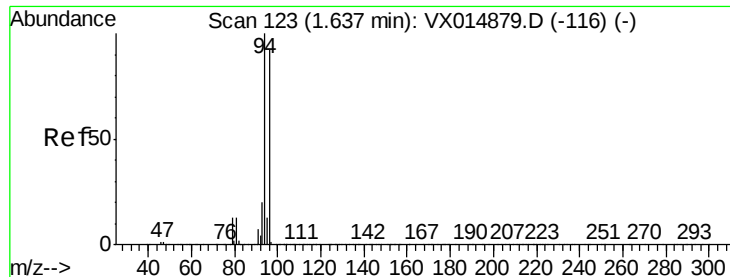
Tot Ion: 50 Resp: 235624
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.2



#4
Vinyl Chloride
Concen: 50.420 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion: 62 Resp: 251734
Ion Ratio Lower Upper
62 100
64 31.6 24.8 37.2





#5

Bromomethane

Concen: 48.282 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

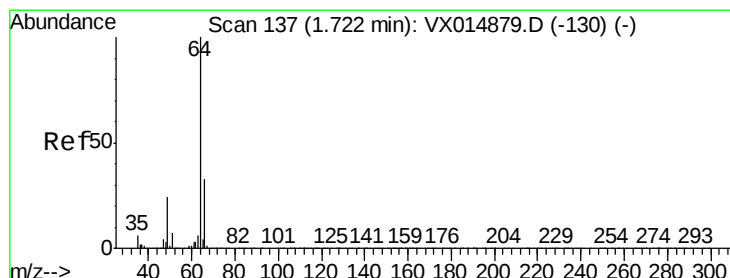
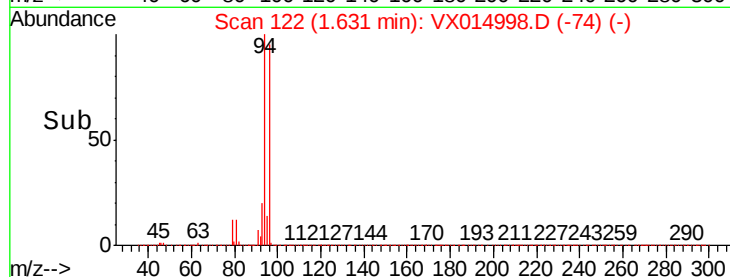
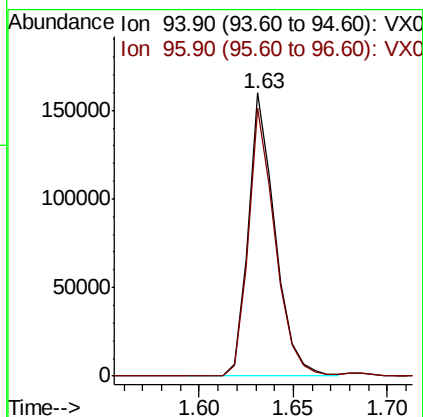
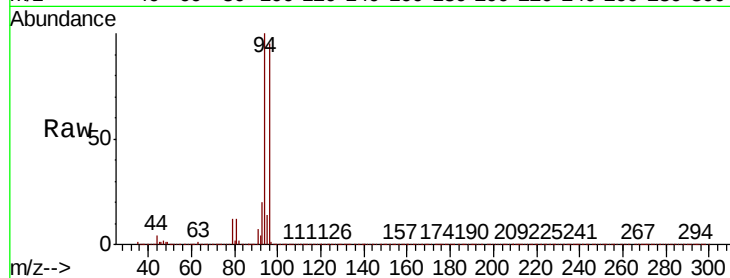
ClientSampleId :

Tot Ion: 94 Resp: 156034

Ion Ratio Lower Upper

94 100

96 94.8 73.7 110.5



#6

Chloroethane

Concen: 49.461 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014998.D

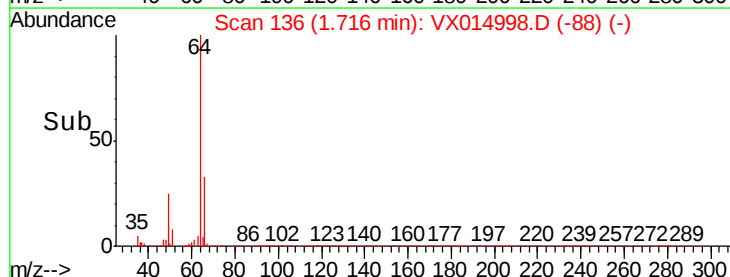
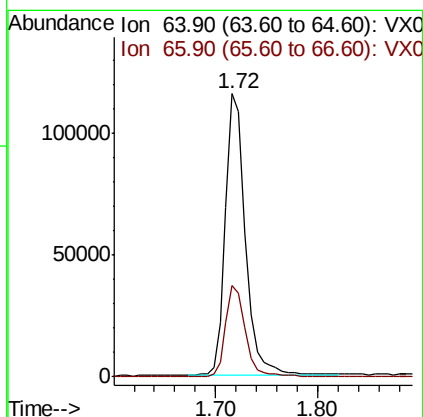
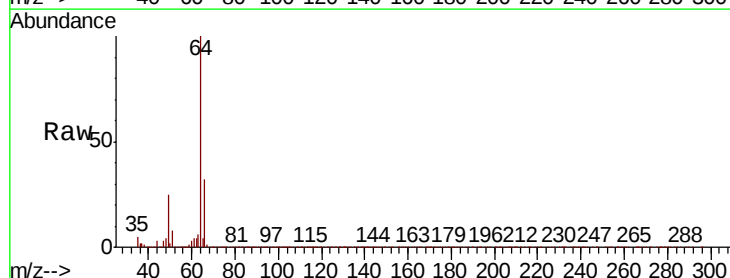
Acq: 24 Feb 2020 09:53

Tgt Ion: 64 Resp: 158008

Ion Ratio Lower Upper

64 100

66 32.1 26.2 39.4



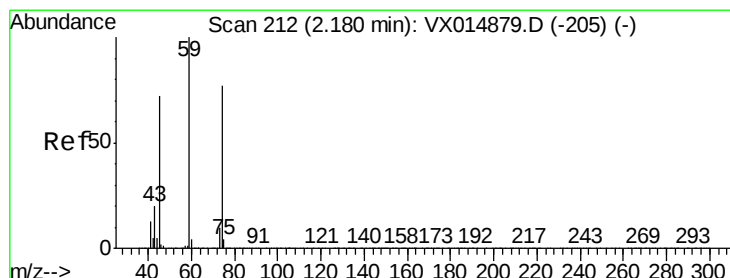
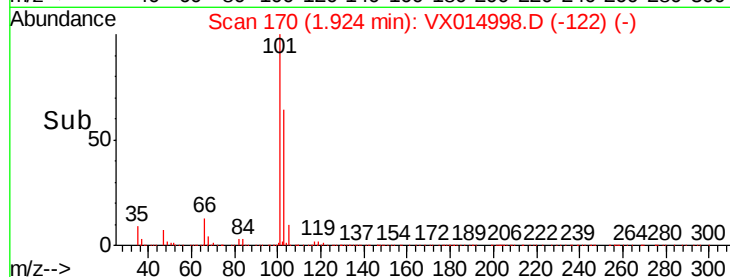
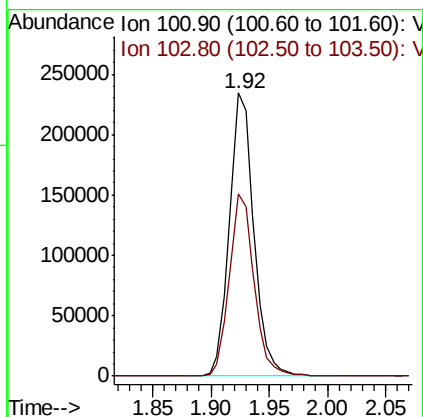
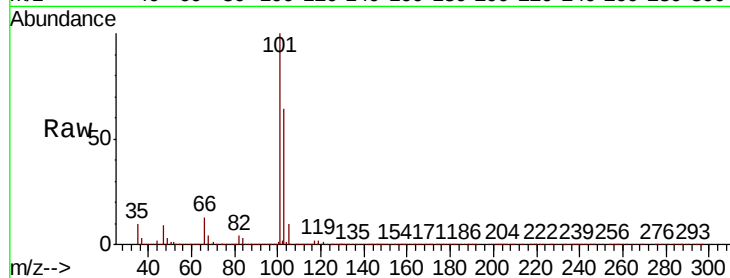


#7

Trichlorofluoromethane
Concen: 49.406 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :

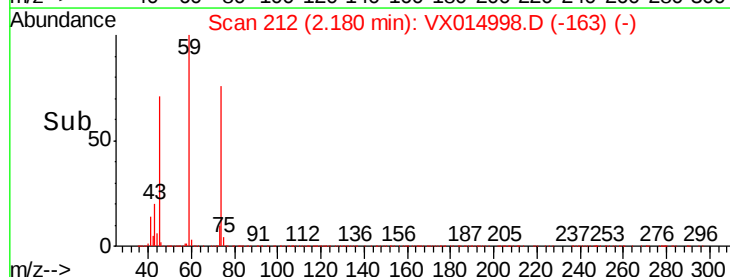
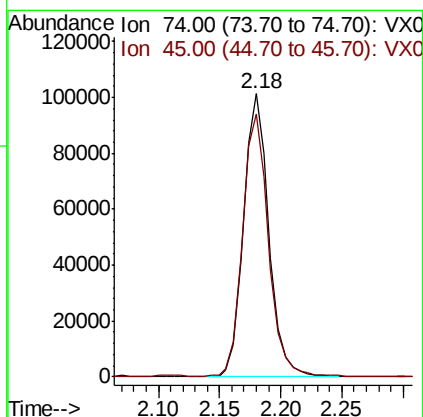
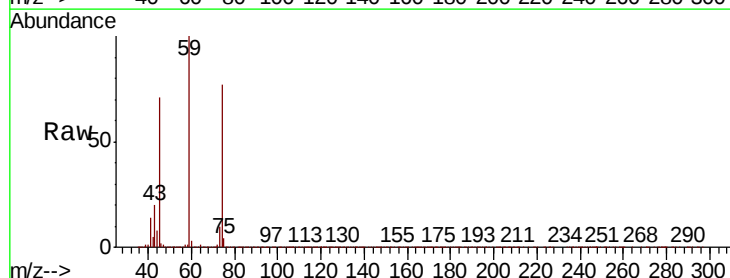
Tot Ion:101 Resp: 344641
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4

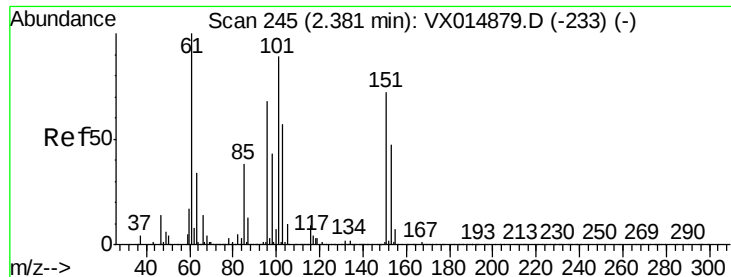


#8

Diethyl Ether
Concen: 49.689 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion: 74 Resp: 143735
Ion Ratio Lower Upper
74 100
45 94.9 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.754 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampled :

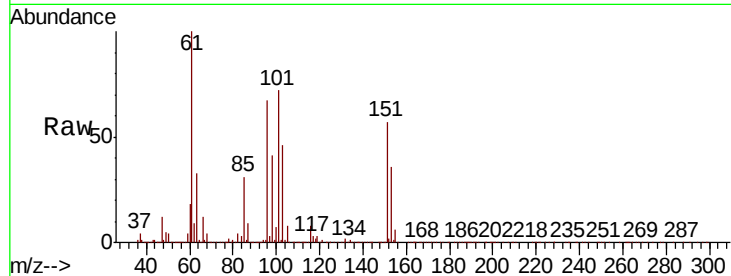
Tot Ion:101 Resp: 205508

Ion Ratio Lower Upper

101 100

85 42.4 34.1 51.1

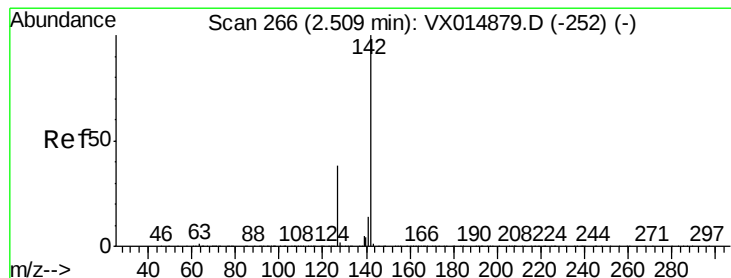
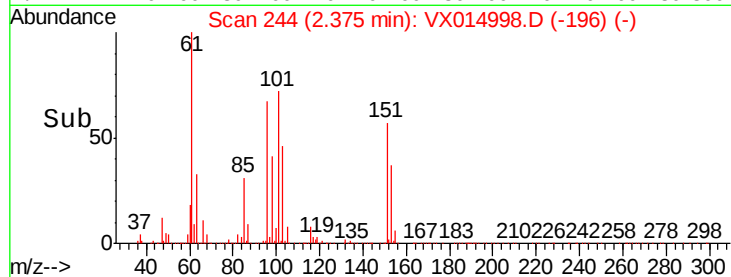
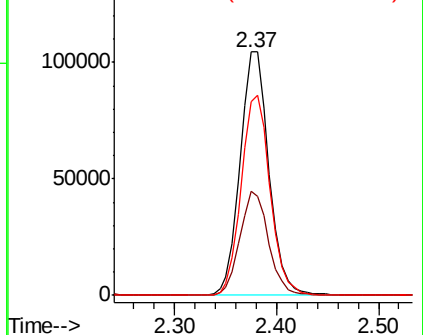
151 82.7 67.3 100.9



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: 51.628 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

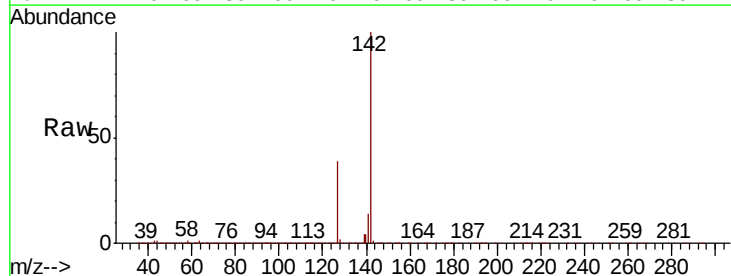
Tgt Ion:142 Resp: 233751

Ion Ratio Lower Upper

142 100

127 38.9 31.1 46.7

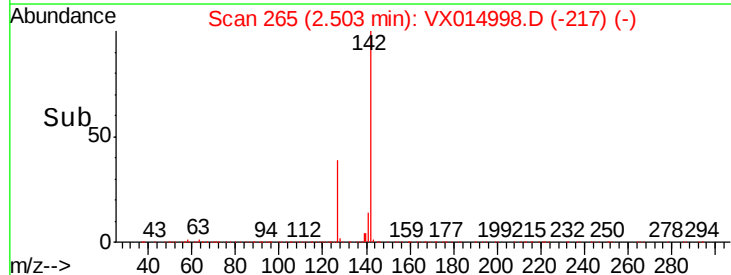
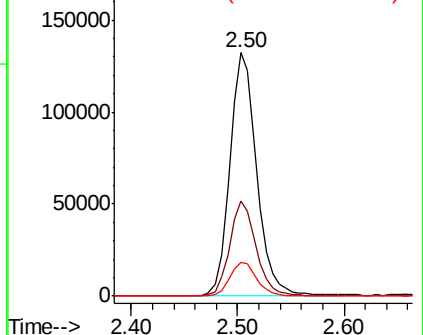
141 14.3 11.3 16.9

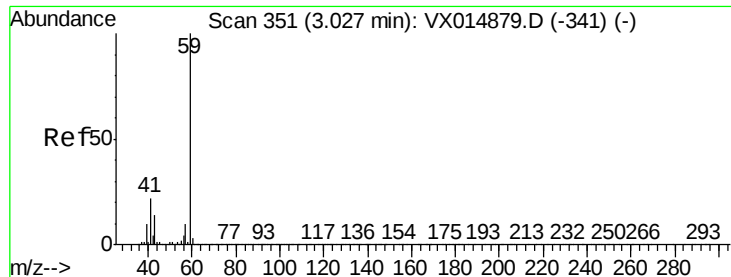


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



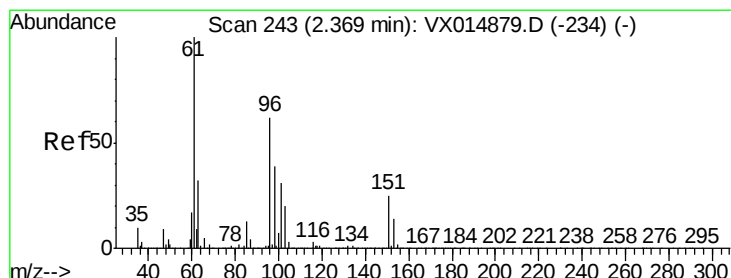
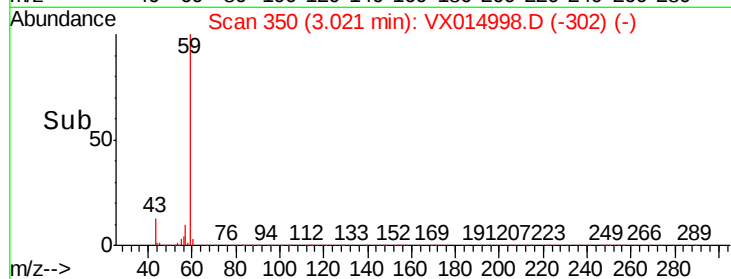
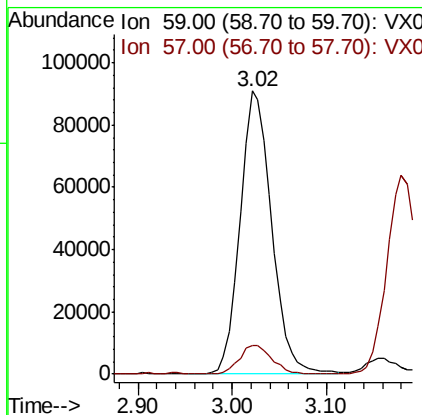
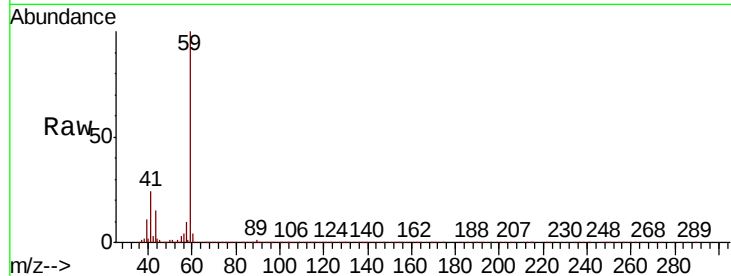


#11

Tert butyl alcohol
 Concen: 247.885 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Instrument :
 MSVOA_X
 ClientSampled :

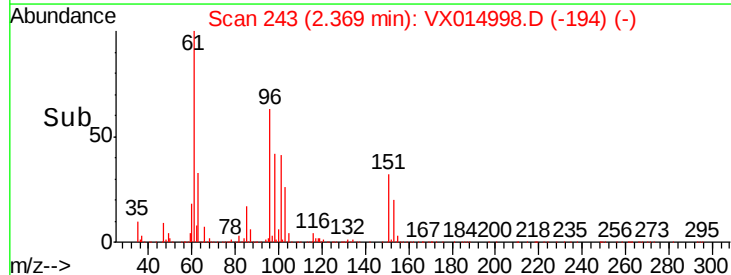
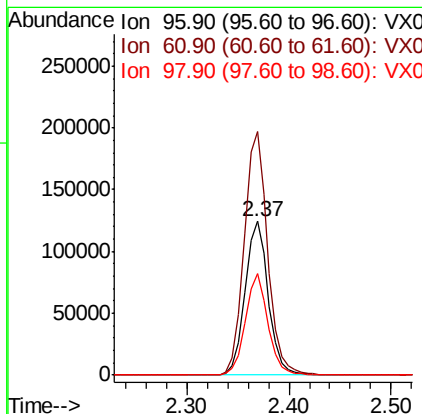
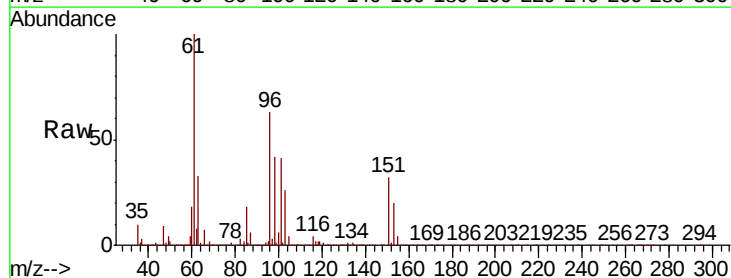
Tot Ion: 59 Resp: 213222
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

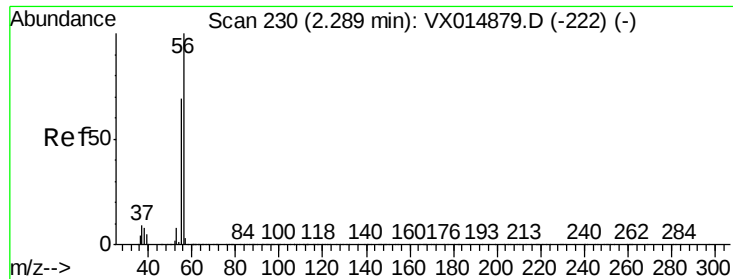


#12

1,1-Dichloroethene
 Concen: 49.636 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Tgt Ion: 96 Resp: 196391
 Ion Ratio Lower Upper
 96 100
 61 158.1 129.5 194.3
 98 65.9 50.6 76.0

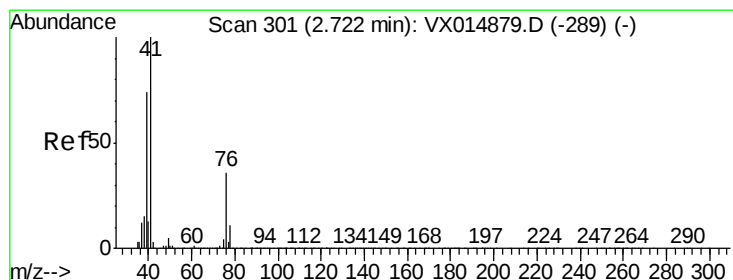
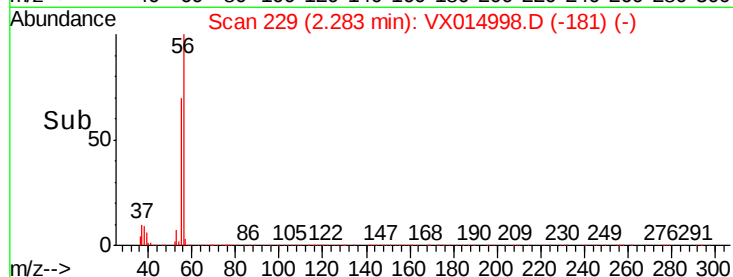
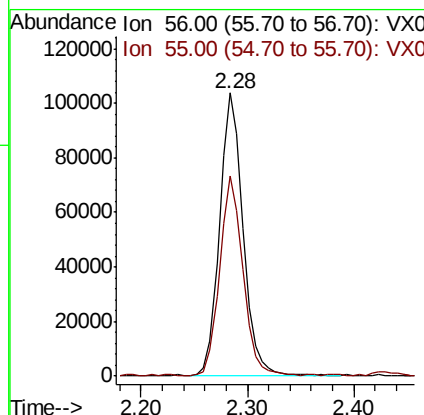
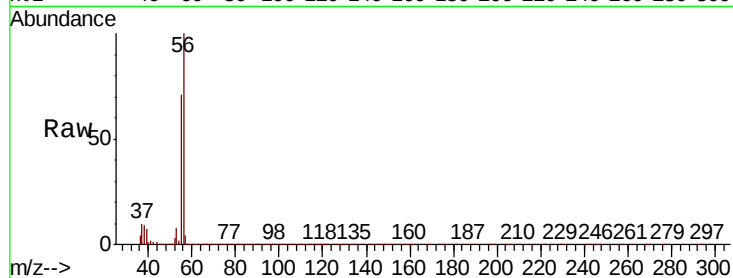




#13
Acrolein
Concen: 241.311 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

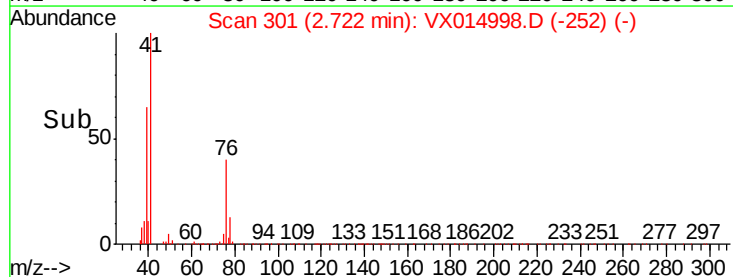
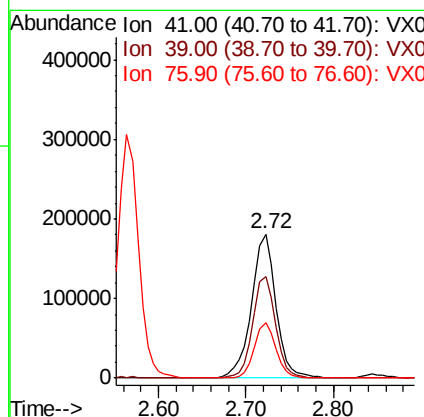
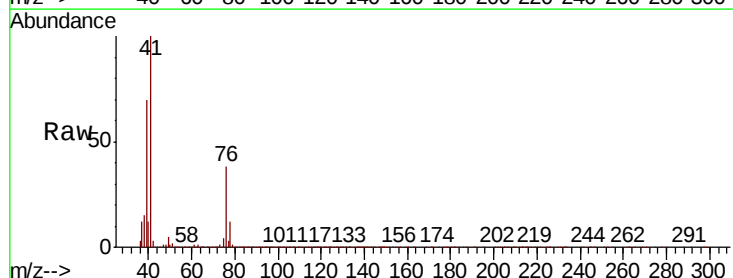
Instrument :
MSVOA_X
ClientSampleId :

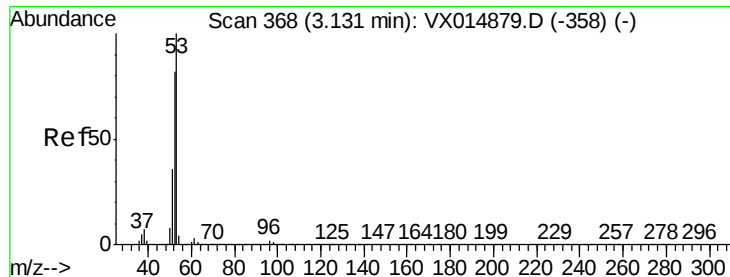
Tot Ion: 56 Resp: 158200
Ion Ratio Lower Upper
56 100
55 69.5 55.0 82.4



#14
Allyl chloride
Concen: 49.783 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion: 41 Resp: 349228
Ion Ratio Lower Upper
41 100
39 66.0 55.2 82.8
76 33.6 26.8 40.2





#15

Acrylonitrile

Concen: 256.935 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

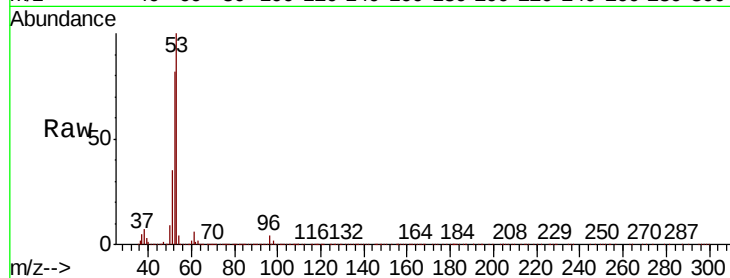
Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 560269

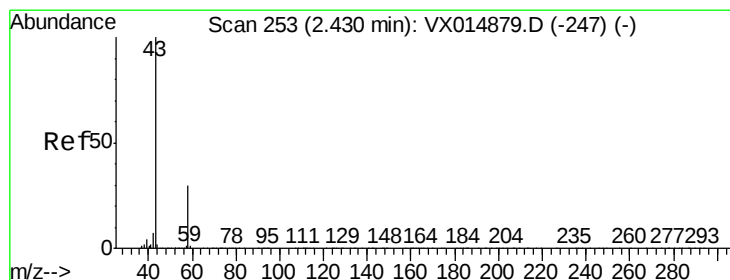
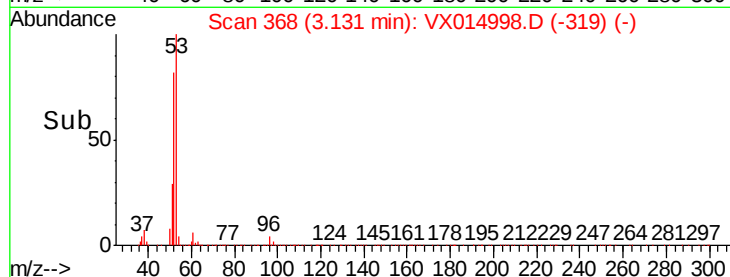
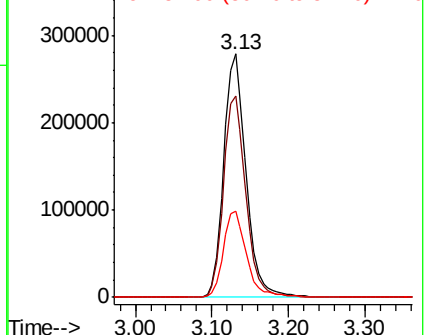
Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.8	98.6
51	36.4	29.1	43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 268.493 ug/l

RT: 2.43 min Scan# 253

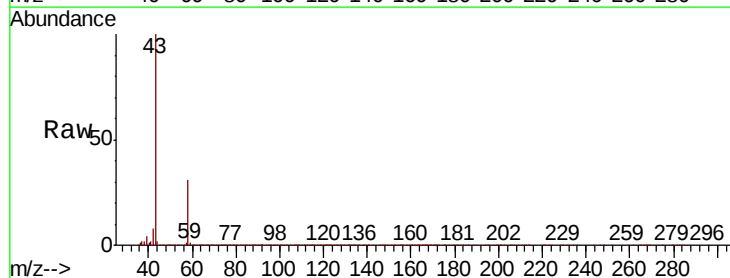
Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

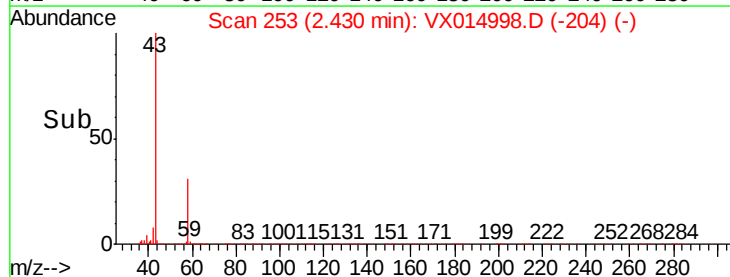
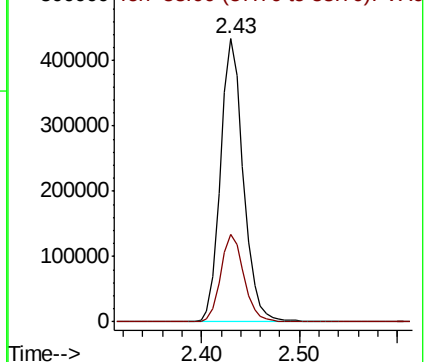
Tgt Ion: 43 Resp: 700515

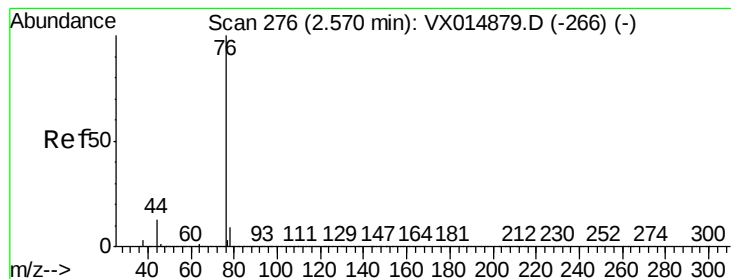
Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.1	36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.109 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

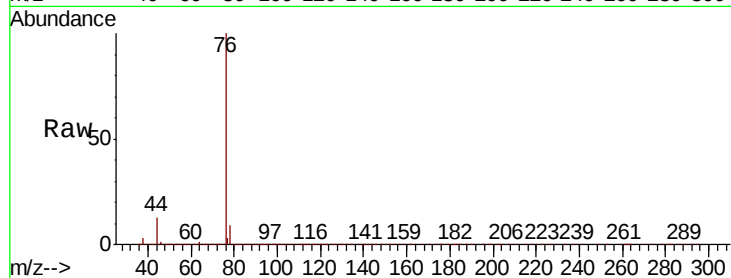
ClientSampleId :

Tot Ion: 76 Resp: 498681

Ion Ratio Lower Upper

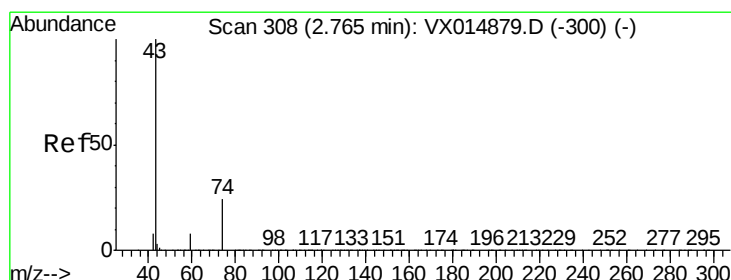
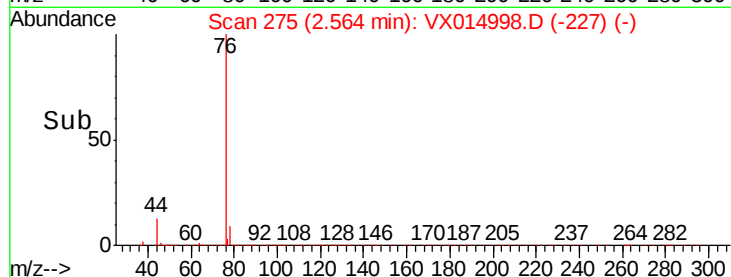
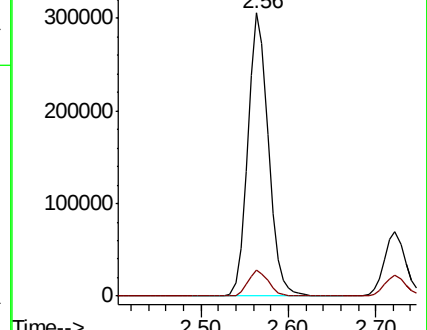
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.285 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014998.D

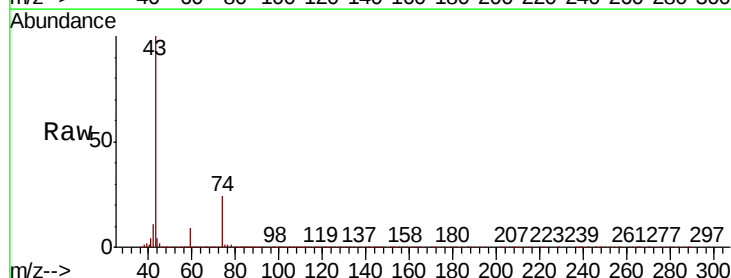
Acq: 24 Feb 2020 09:53

Tgt Ion: 43 Resp: 261442

Ion Ratio Lower Upper

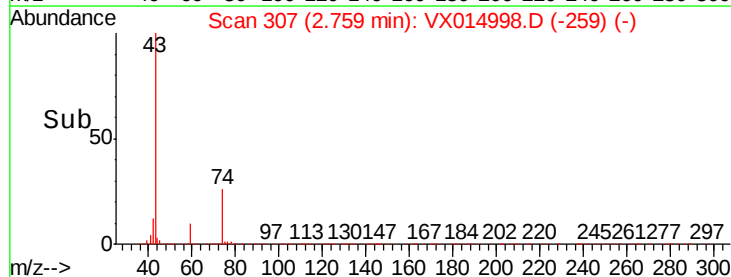
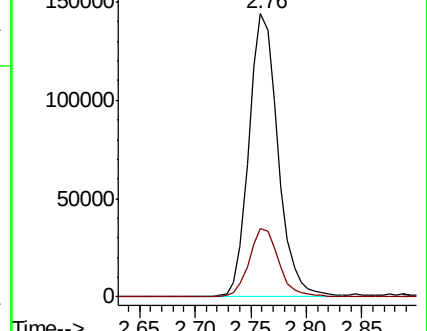
43 100

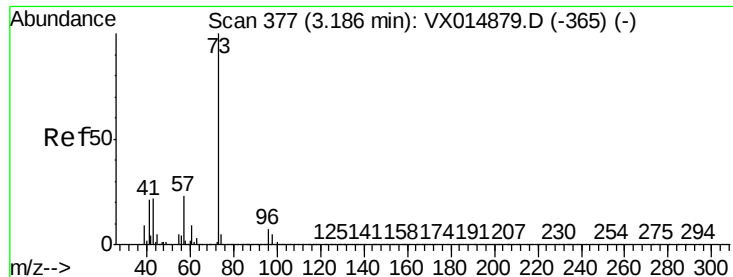
74 25.1 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

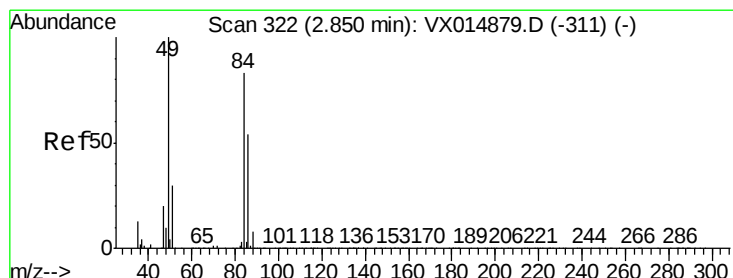
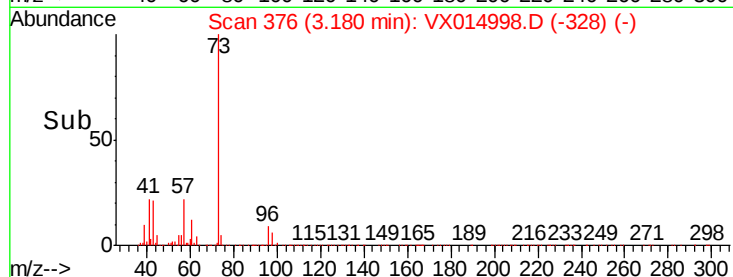
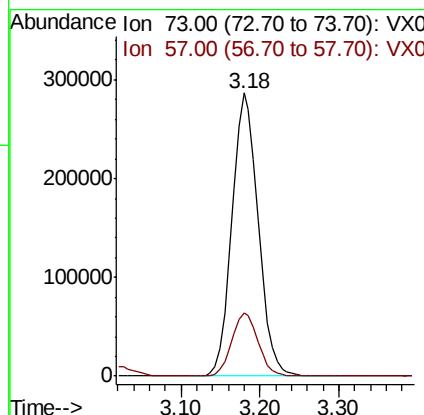
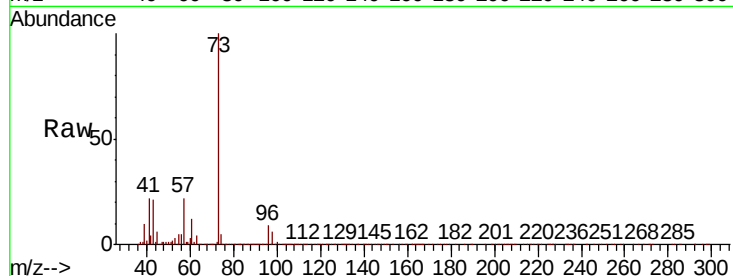




#19
Methyl tert-butyl Ether
Concen: 51.502 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

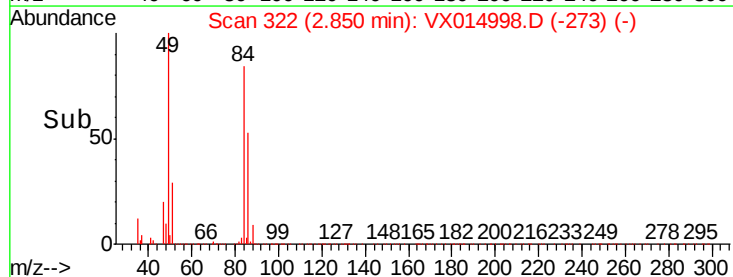
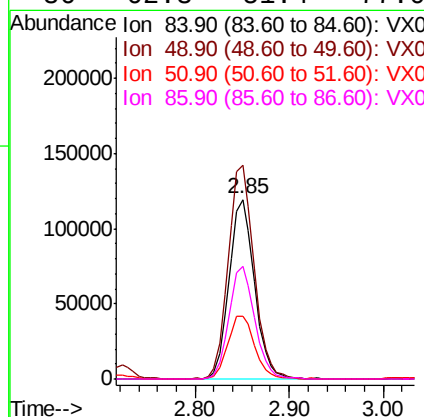
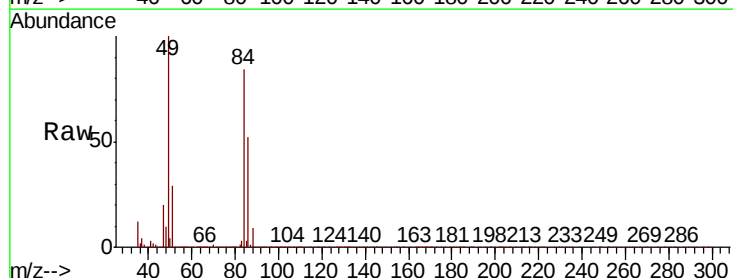
Instrument :
MSVOA_X
ClientSampleId :

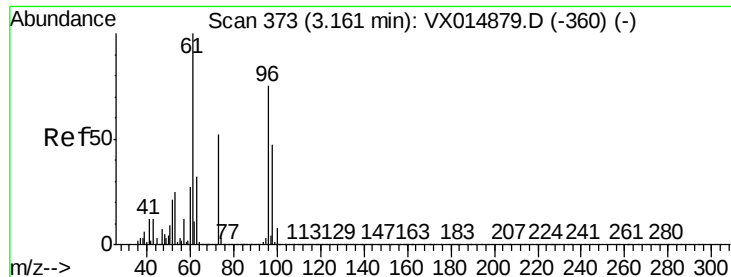
Tot Ion: 73 Resp: 663186
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.4



#20
Methylene Chloride
Concen: 47.874 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion: 84 Resp: 224357
Ion Ratio Lower Upper
84 100
49 118.8 95.6 143.4
51 34.9 29.0 43.6
86 62.3 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 47.644 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

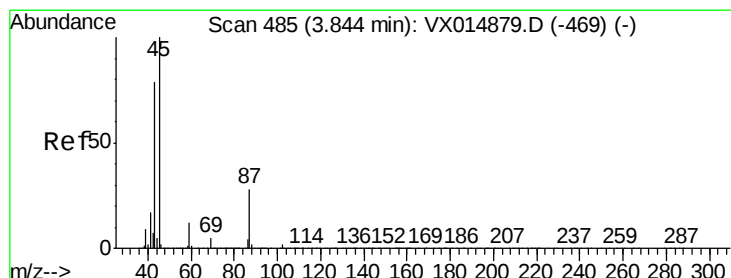
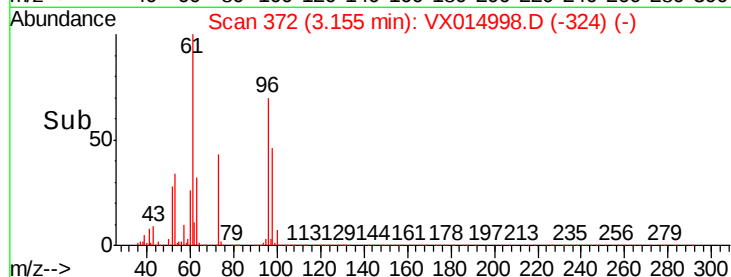
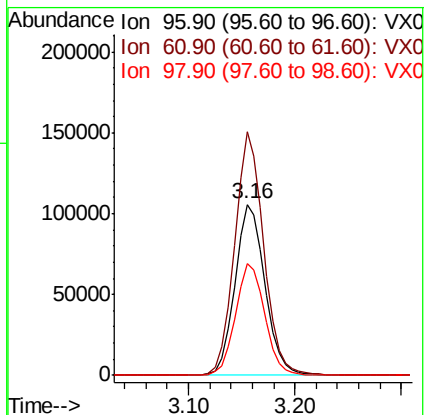
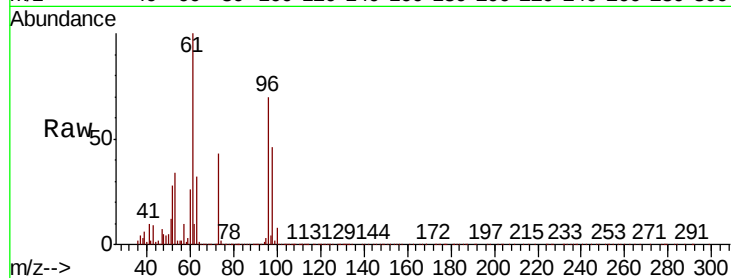
Tot Ion: 96 Resp: 208007

Ion Ratio Lower Upper

96 100

61 142.5 106.9 160.3

98 65.4 50.7 76.1



#22

Diisopropyl ether

Concen: 53.205 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Tgt Ion: 45 Resp: 712843

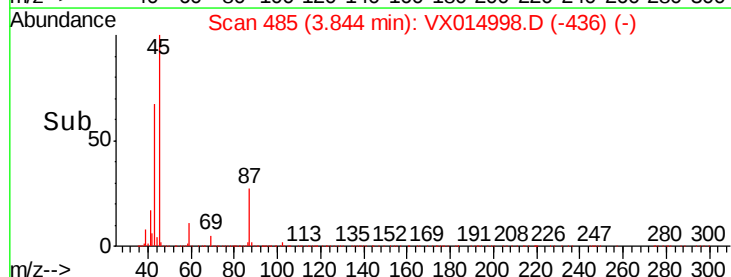
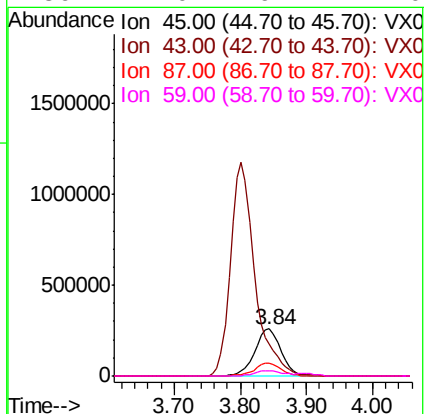
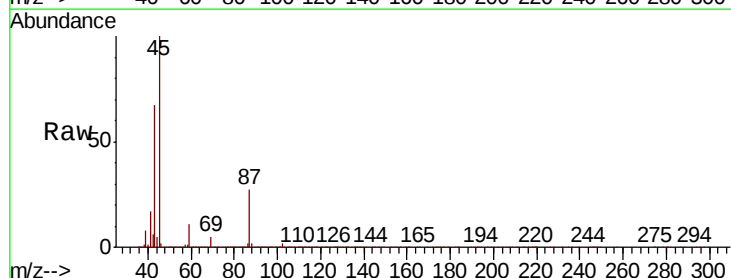
Ion Ratio Lower Upper

45 100

43 66.7 63.5 95.3

87 26.7 22.2 33.4

59 11.0 9.4 14.0





#23

Vinyl Acetate

Concen: 271.997 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

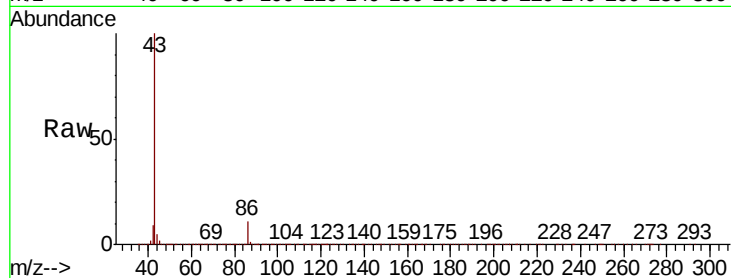
ClientSampled :

Tot Ion: 43 Resp: 3004133

Ion Ratio Lower Upper

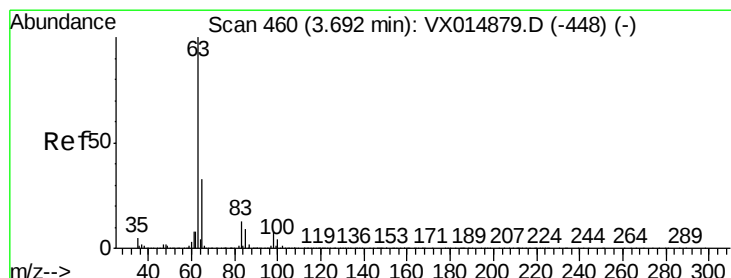
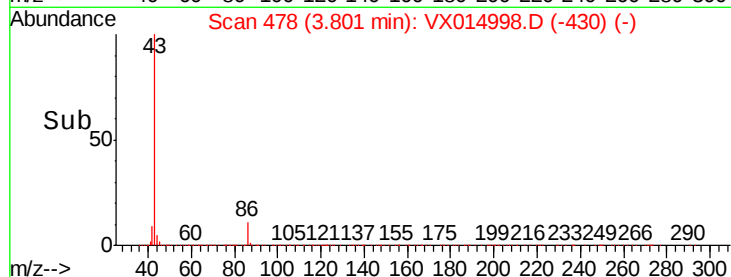
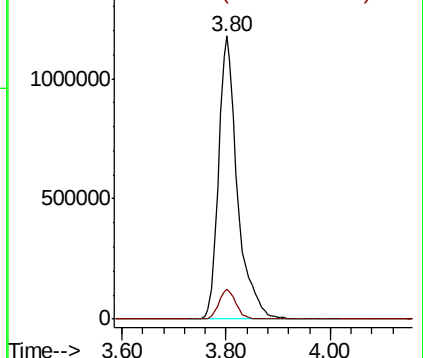
43 100

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: 50.918 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

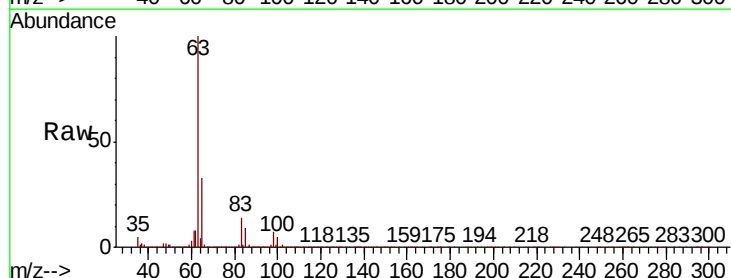
Tgt Ion: 63 Resp: 385025

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

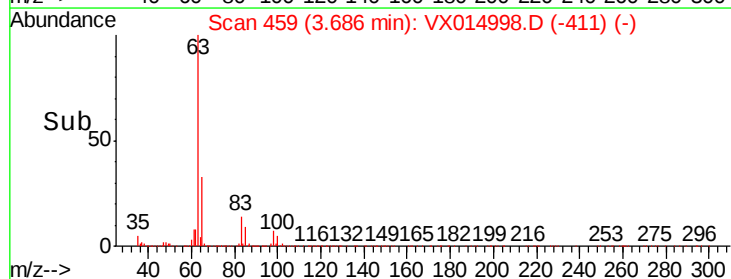
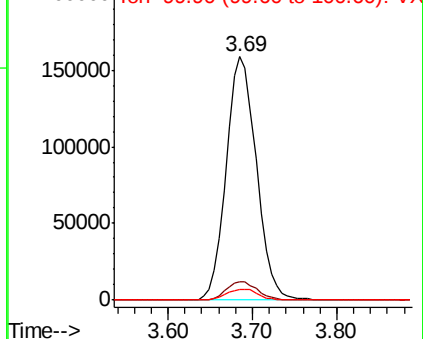
100 4.6 2.2 6.6

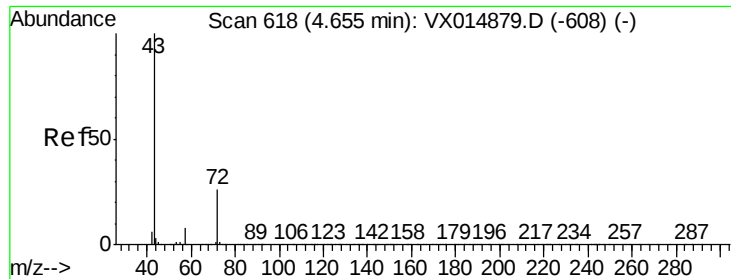


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

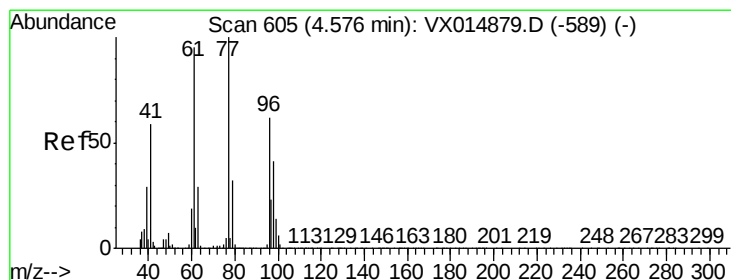
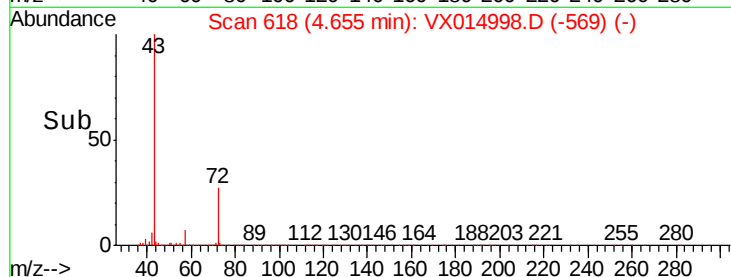
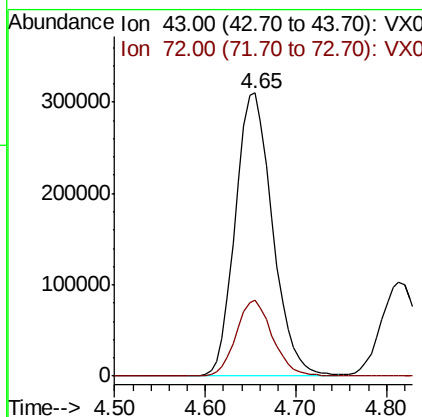
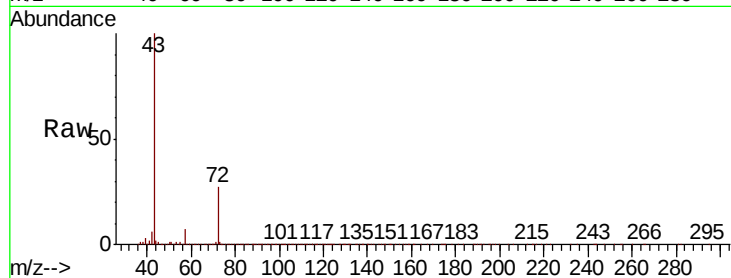




#25
2-Butanone
Concen: 264.473 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

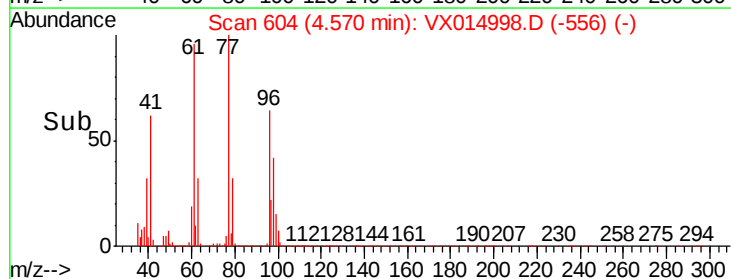
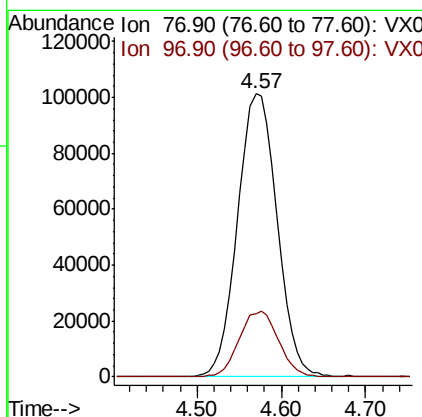
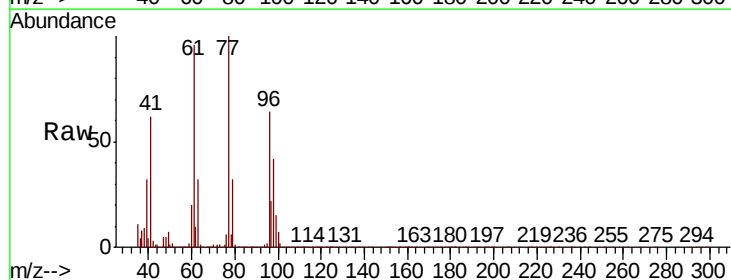
Instrument :
MSVOA_X
ClientSampleId :

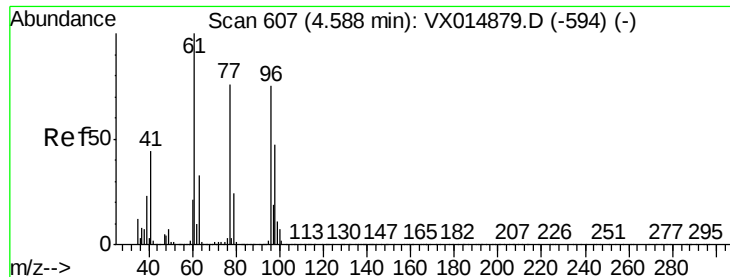
Tot Ion: 43 Resp: 877163
Ion Ratio Lower Upper
43 100
72 26.6 21.0 31.6



#26
2,2-Dichloropropane
Concen: 49.318 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion: 77 Resp: 321383
Ion Ratio Lower Upper
77 100
97 23.0 11.9 35.5



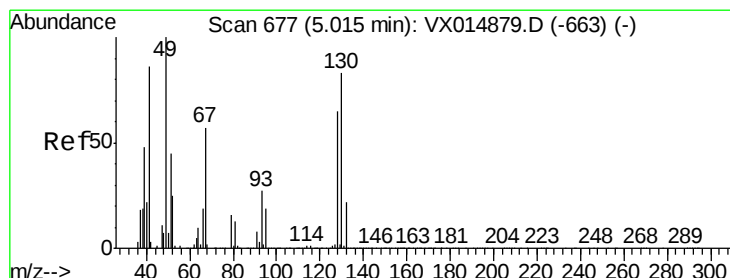
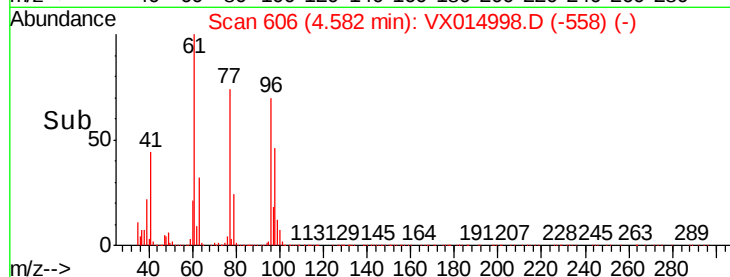
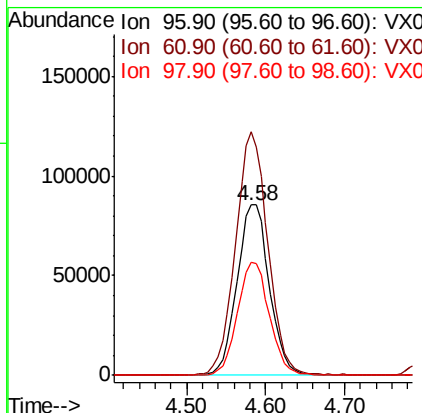
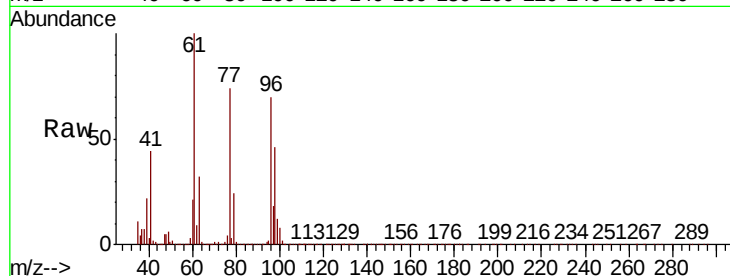


#27

cis-1,2-Dichloroethene
Concen: 49.974 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :

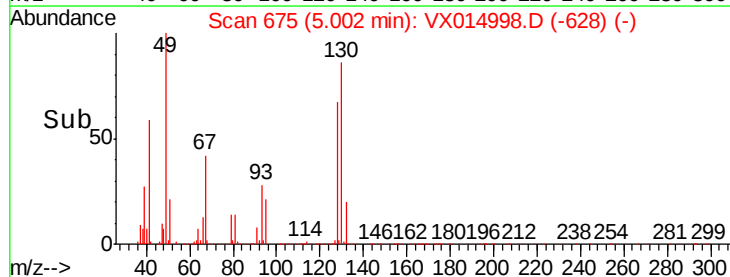
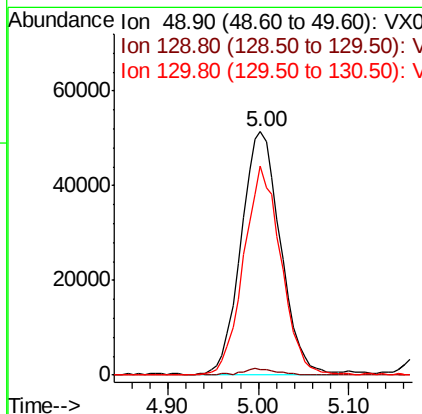
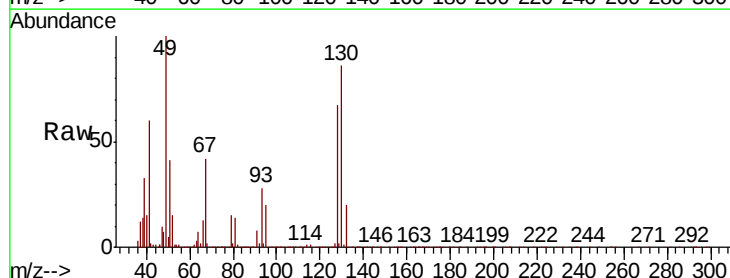
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	286.2
98	65.3	0.0	131.0

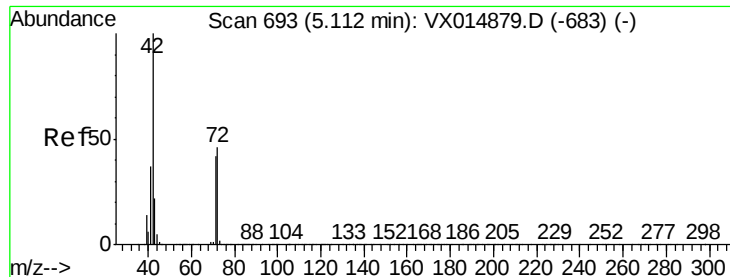


#28

Bromochloromethane
Concen: 52.309 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	81.8	67.4	101.2





#29

Tetrahydrofuran

Concen: 260.938 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

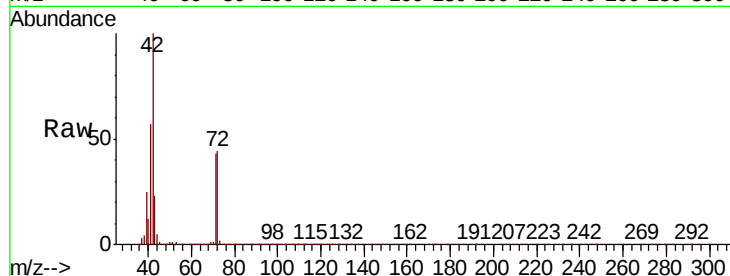
Tot Ion: 42 Resp: 491973

Ion Ratio Lower Upper

42 100

72 45.8 36.9 55.3

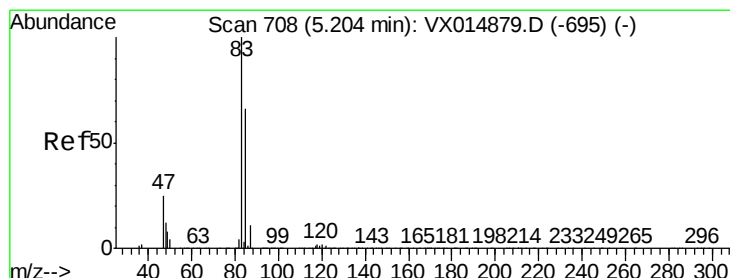
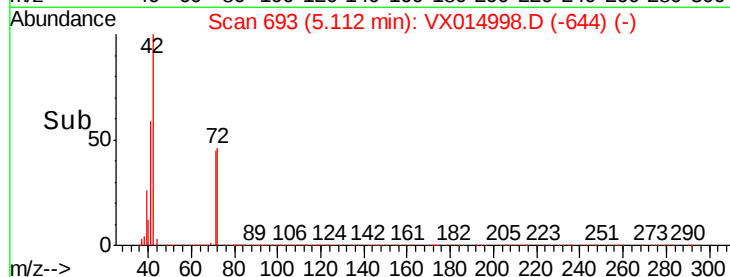
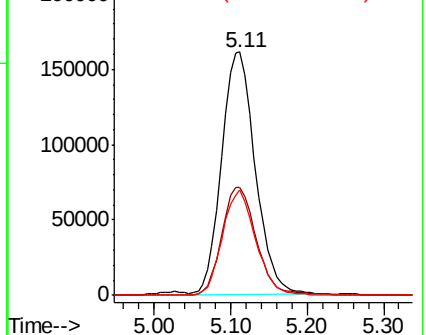
71 42.7 34.1 51.1



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: 51.126 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014998.D

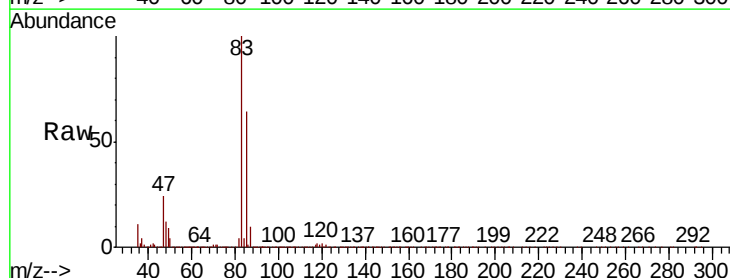
Acq: 24 Feb 2020 09:53

Tgt Ion: 83 Resp: 383558

Ion Ratio Lower Upper

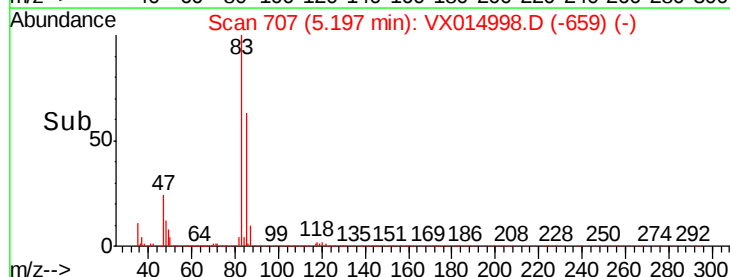
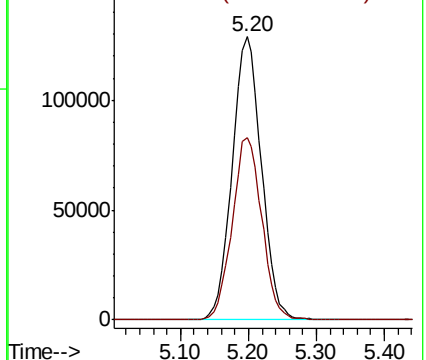
83 100

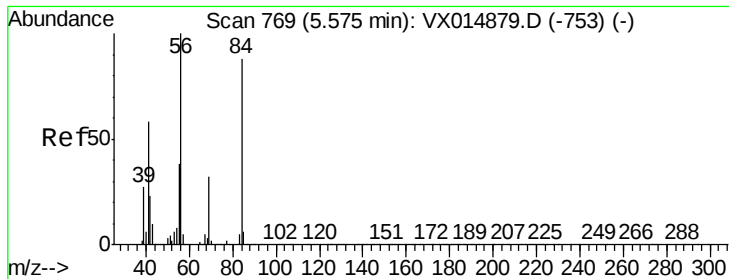
85 64.2 52.9 79.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

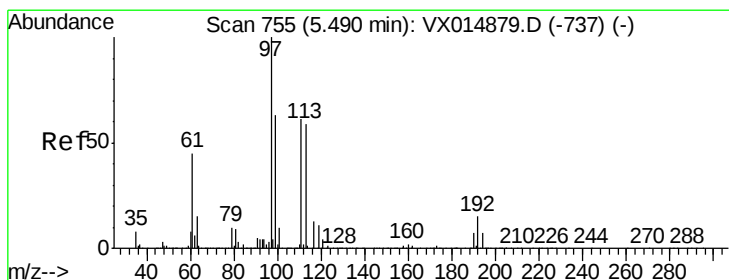
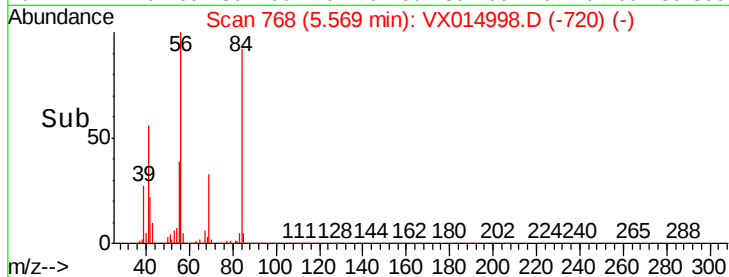
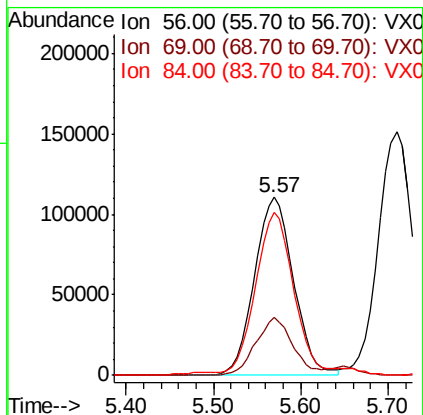
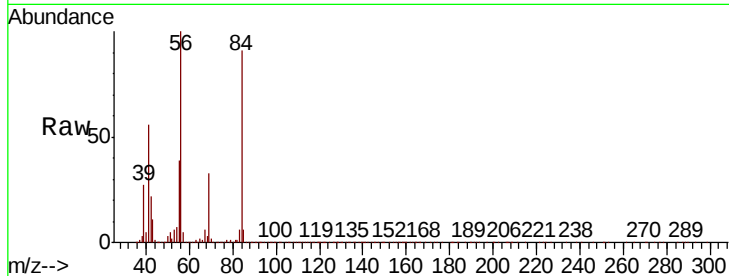




#31
Cyclohexane
Concen: 49.780 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

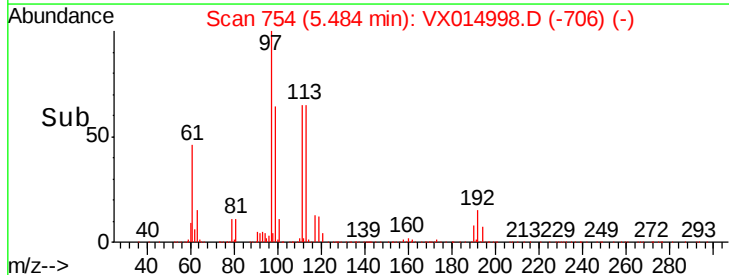
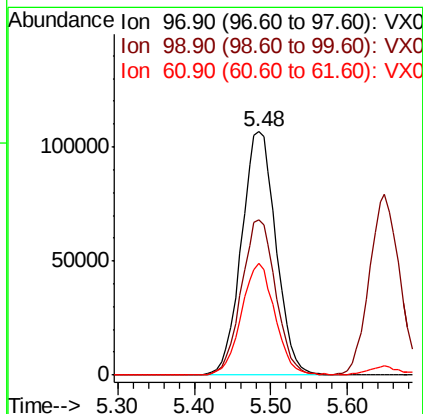
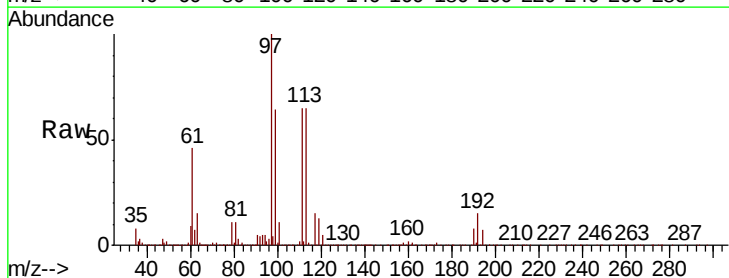
Instrument :
MSVOA_X
ClientSampleId :

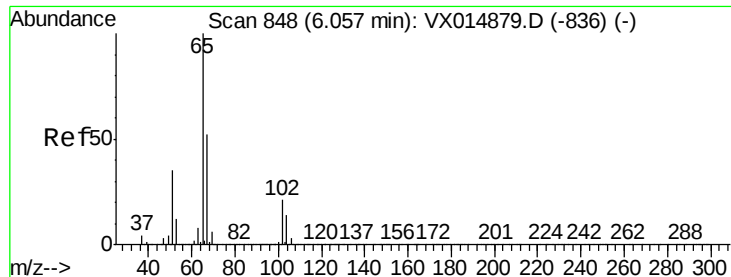
Tot Ion: 56 Resp: 342843
Ion Ratio Lower Upper
56 100
69 32.7 25.9 38.9
84 90.5 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 50.672 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion: 97 Resp: 332537
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 44.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 48.661 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

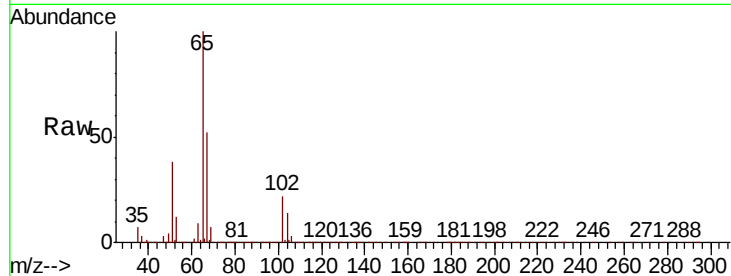
ClientSampled :

Tot Ion: 65 Resp: 237061

Ion Ratio Lower Upper

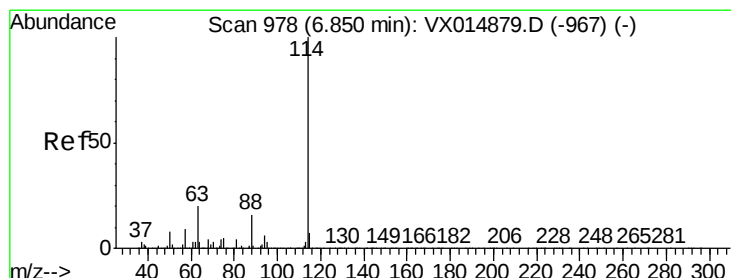
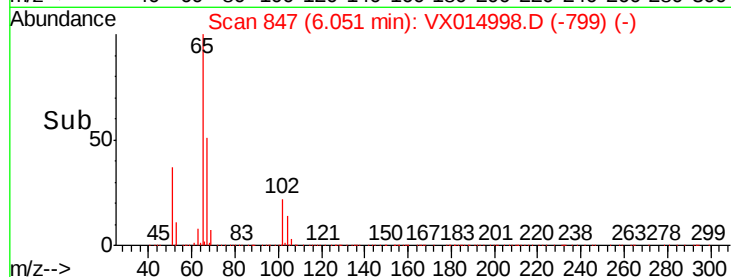
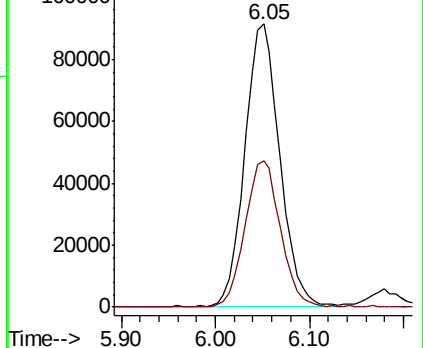
65 100

67 52.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

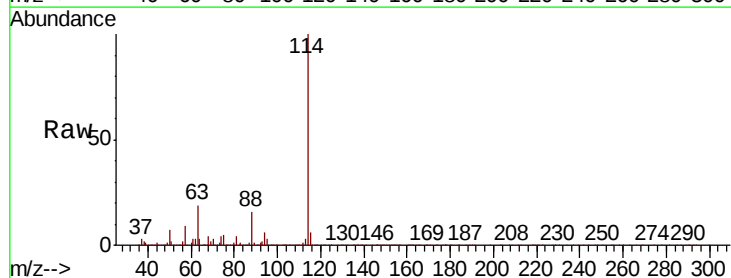
Tgt Ion: 114 Resp: 637374

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

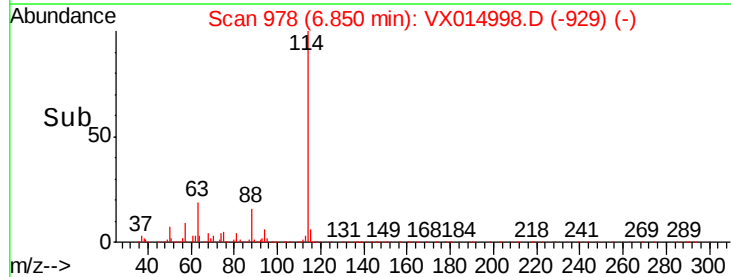
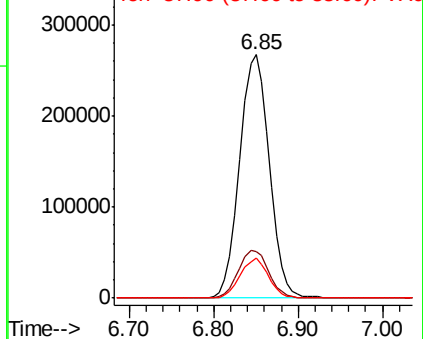
88 16.4 0.0 32.0

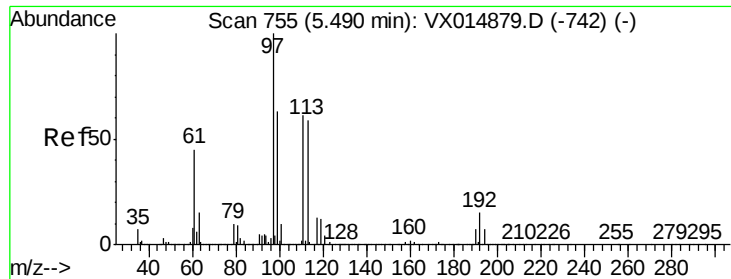


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

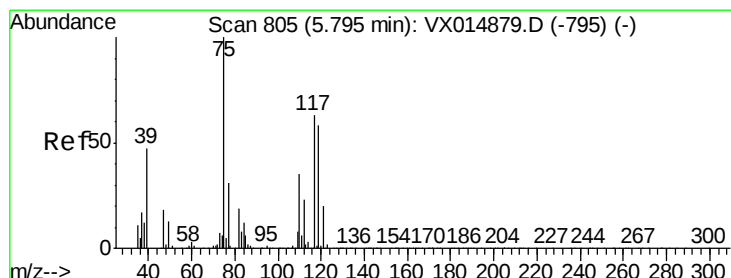
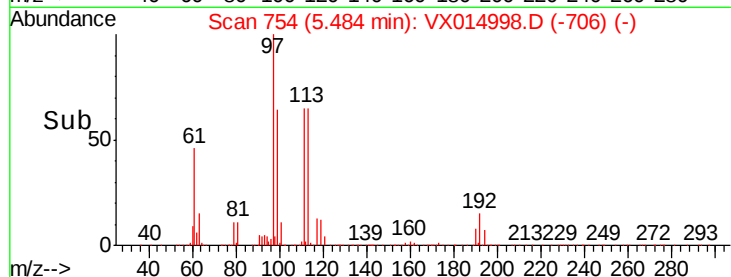
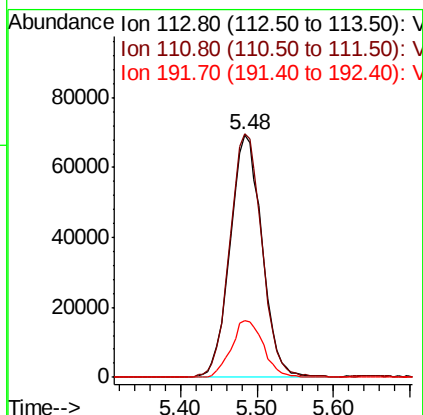
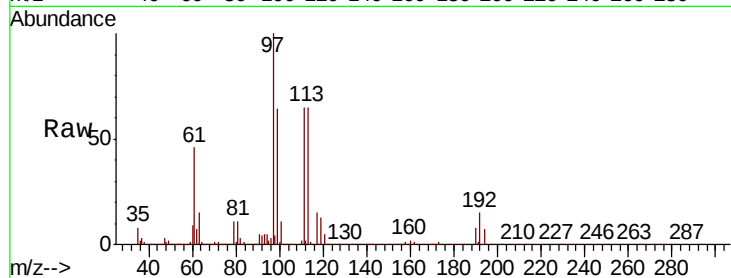




#35
 Dibromofluoromethane
 Concen: 50.828 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

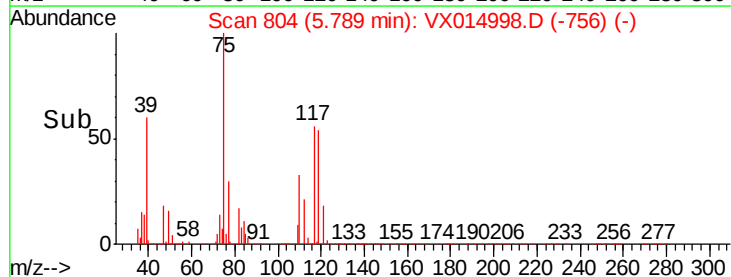
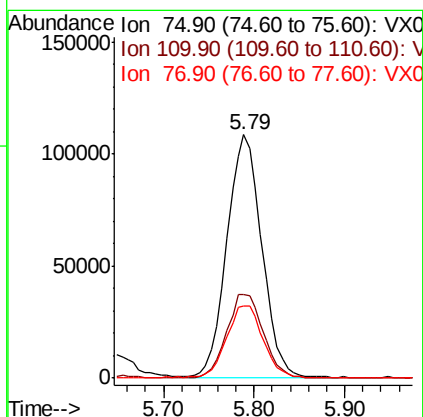
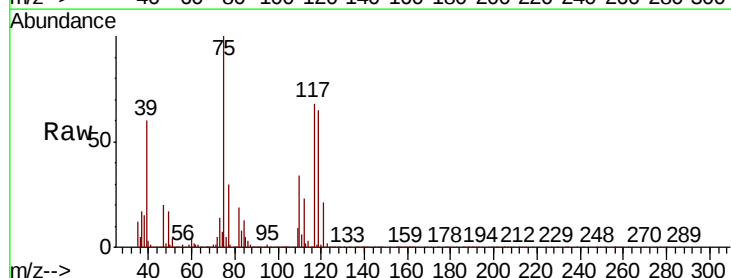
Instrument :
 MSVOA_X
 ClientSampleId :

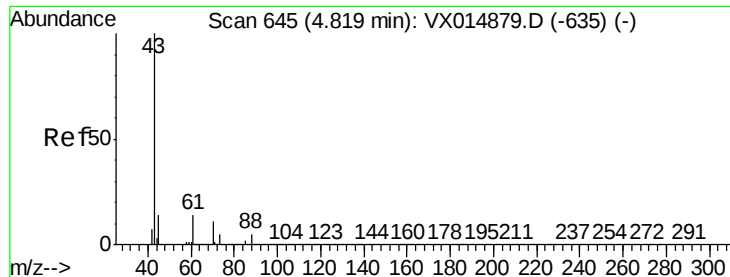
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.4	123.6
192	23.9	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 50.702 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.3	54.8
77	31.0	24.6	36.8

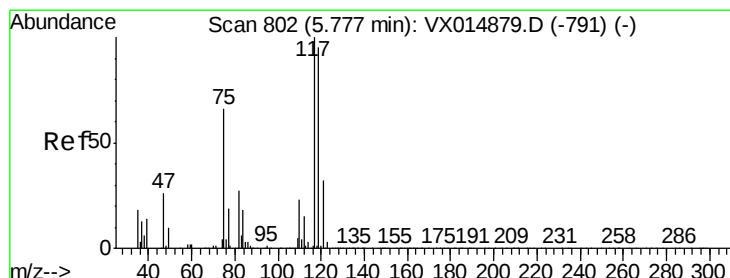
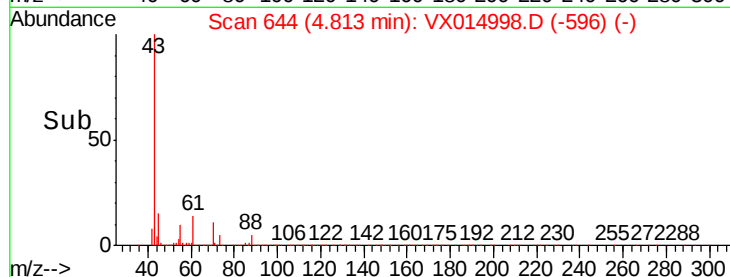
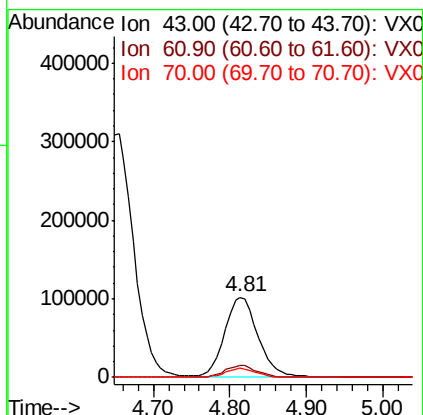
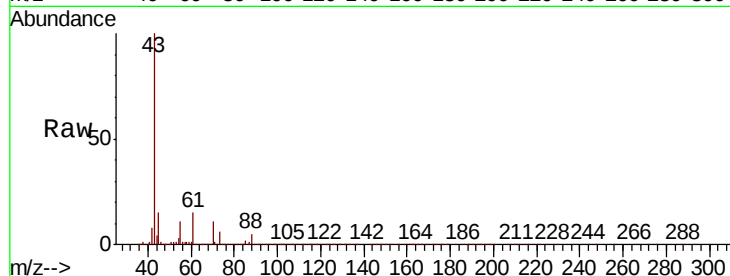




#37
Ethyl Acetate
Concen: 51.091 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

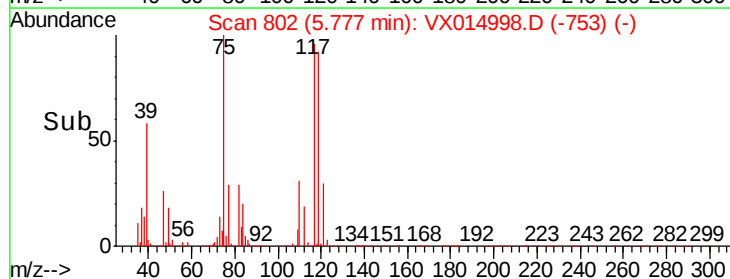
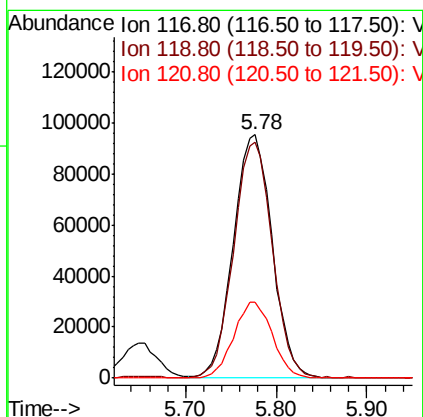
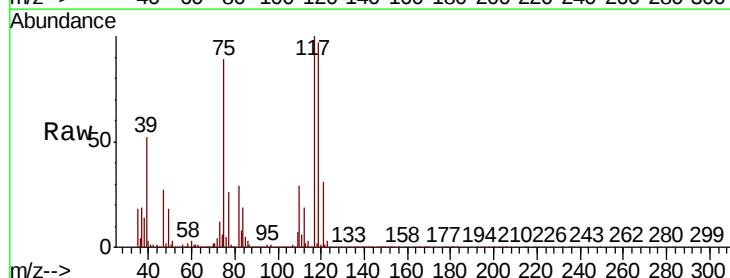
Instrument :
MSVOA_X
ClientSampleId :

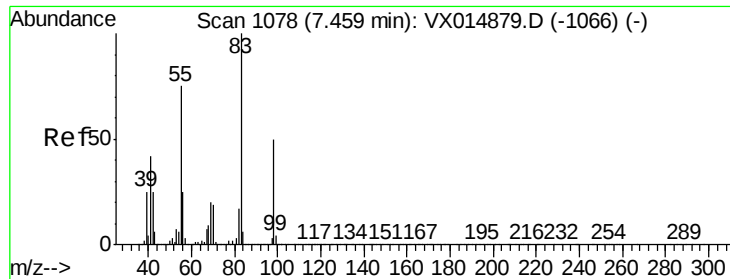
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.9	16.3
70	10.6	8.7	13.1



#38
Carbon Tetrachloride
Concen: 50.819 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.0	114.0
121	30.9	25.4	38.2

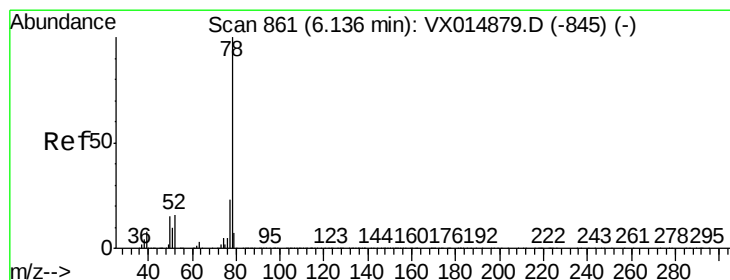
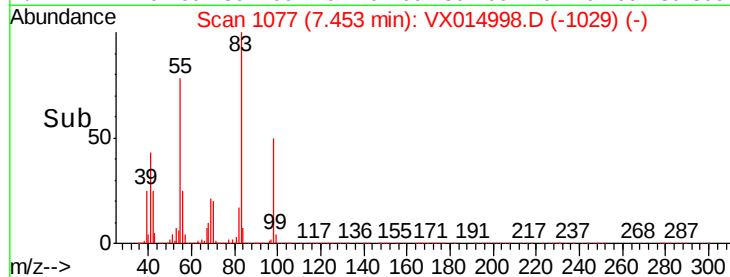
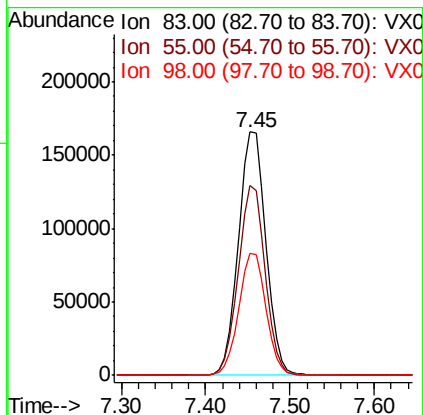
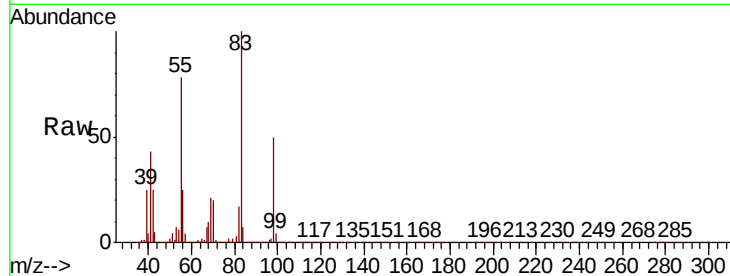




#39
Methvlcvclohexane
Concen: 50.763 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

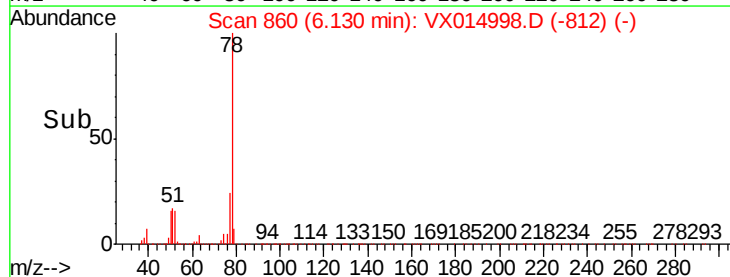
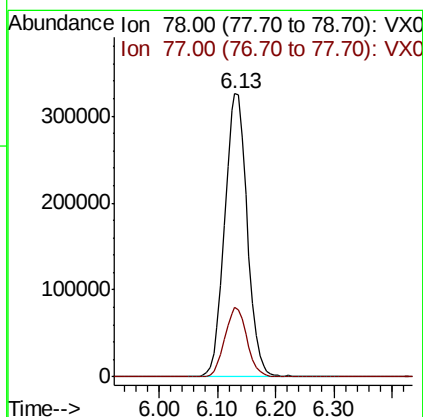
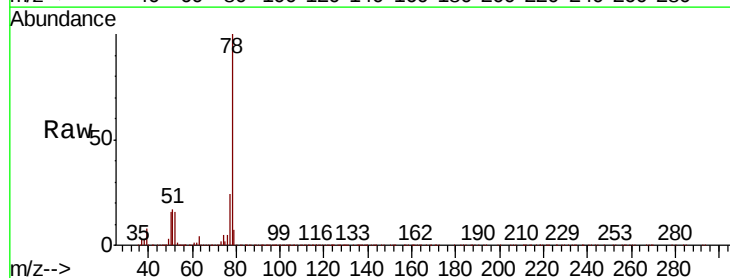
Instrument :
MSVOA_X
ClientSampleId :

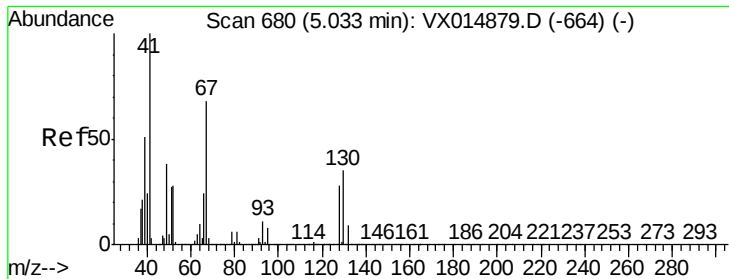
Tot Ion	83	Resp	361971
Ion	Ratio	Lower	Upper
83	100		
55	77.8	60.0	90.0
98	50.3	39.6	59.4



#40
Benzene
Concen: 51.439 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	78	Resp	876270
Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2

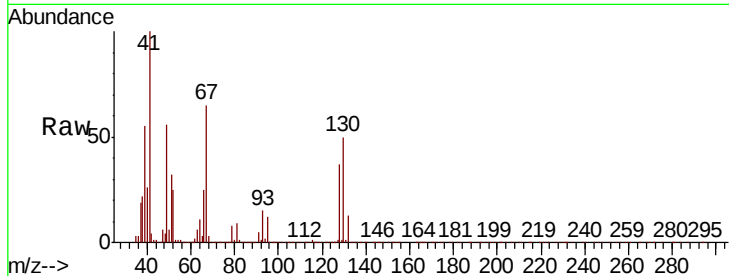




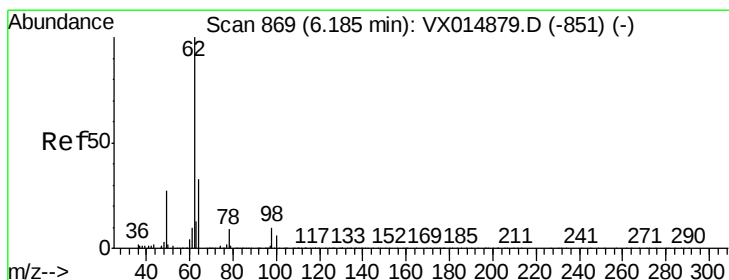
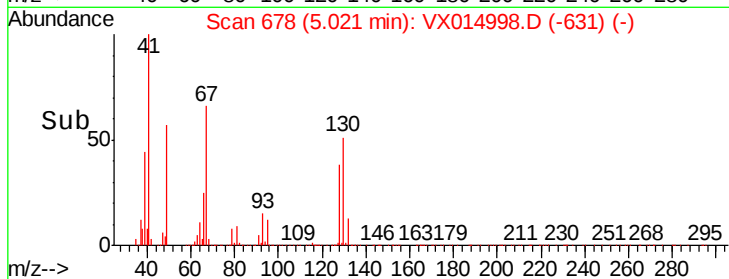
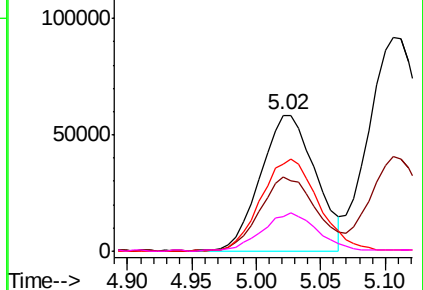
#41
Methacrylonitrile
Concen: 53.910 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	172703
Ion	Ratio	Lower	Upper
41	100		
39	56.0	44.7	67.1
67	71.4	56.6	84.8
52	28.2	22.3	33.5

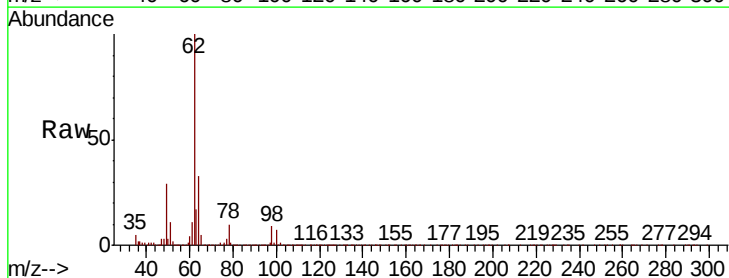


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

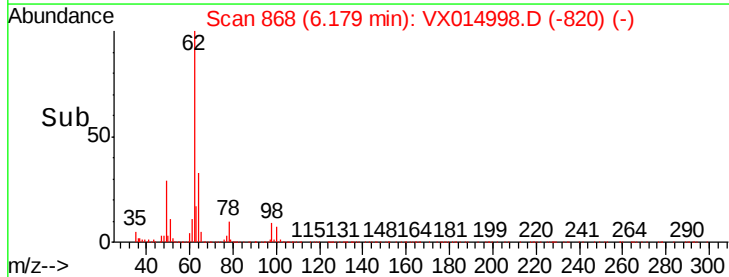
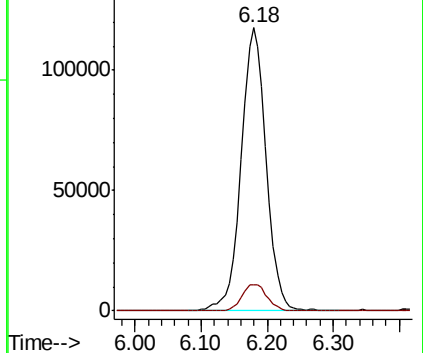


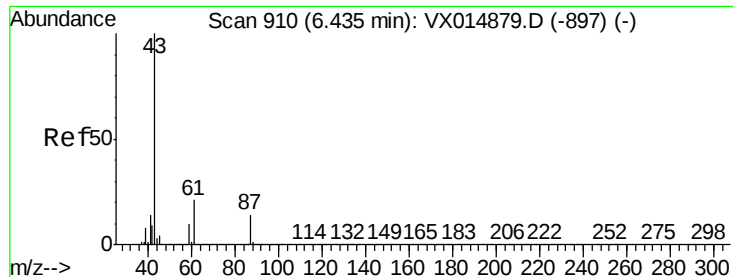
#42
1,2-Dichloroethane
Concen: 50.213 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion:	62	Resp:	309161
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2



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





#43

Isopropyl Acetate

Concen: 52.706 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

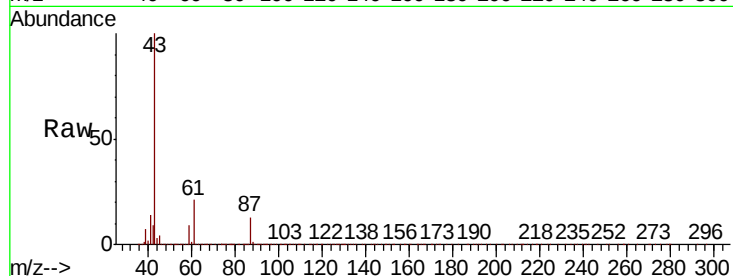
Tot Ion: 43 Resp: 517024

Ion Ratio Lower Upper

43 100

61 20.3 16.2 24.4

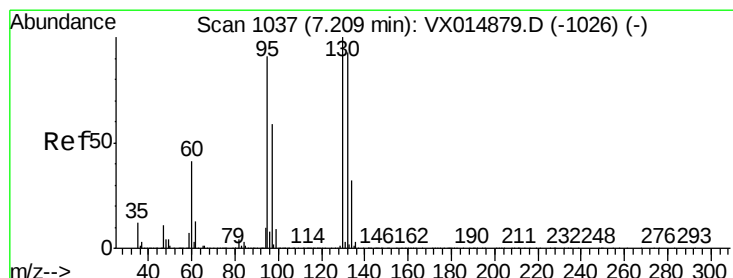
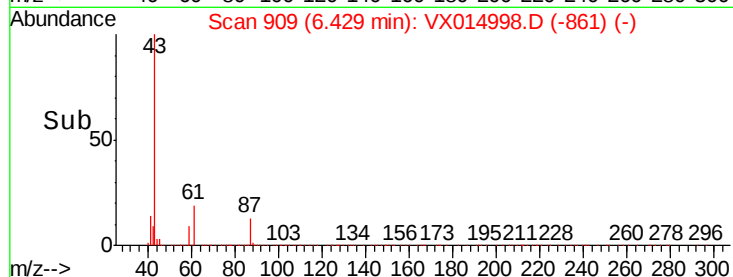
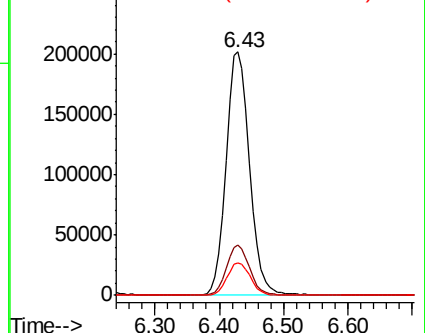
87 13.2 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.397 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014998.D

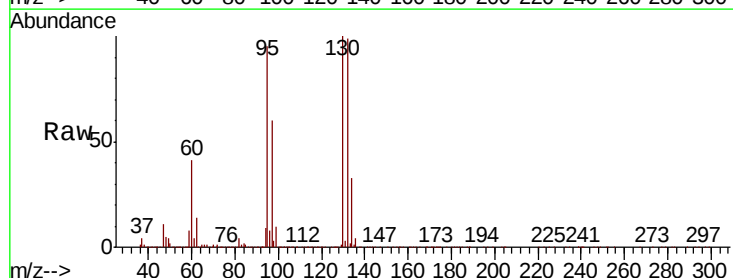
Acq: 24 Feb 2020 09:53

Tgt Ion: 130 Resp: 244282

Ion Ratio Lower Upper

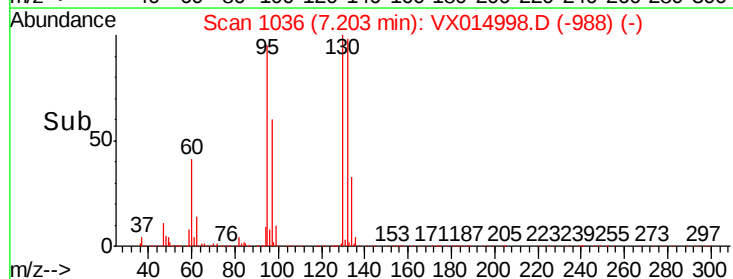
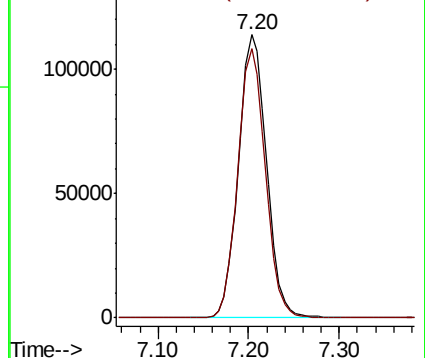
130 100

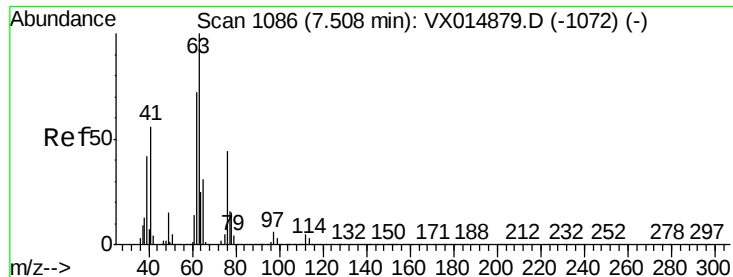
95 95.5 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

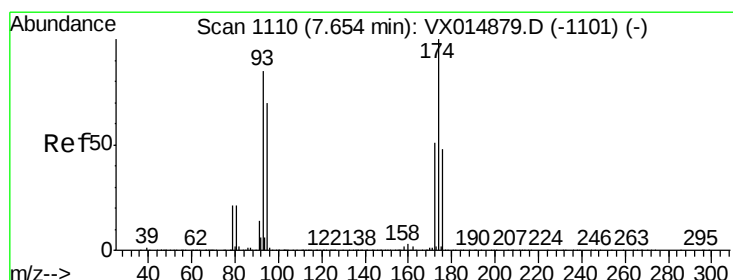
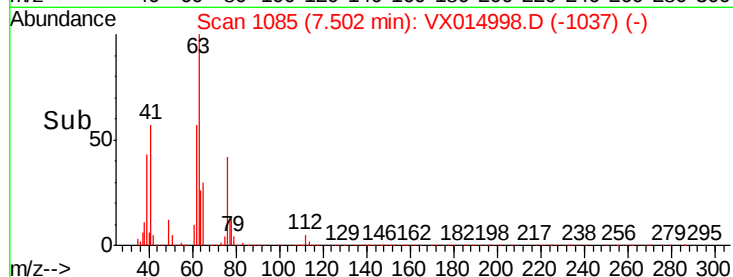
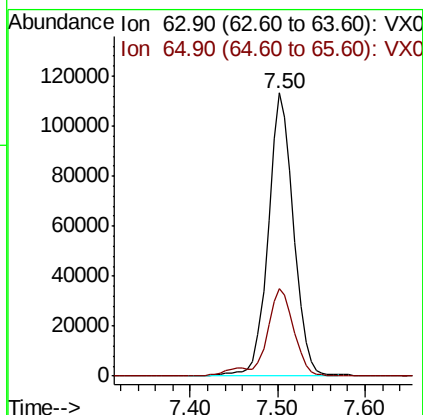
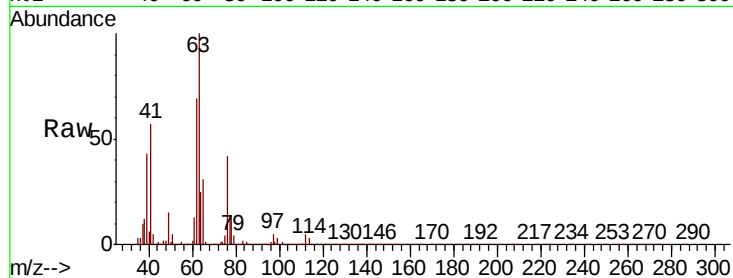




#45
 1,2-Dichloropropane
 Concen: 52.558 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

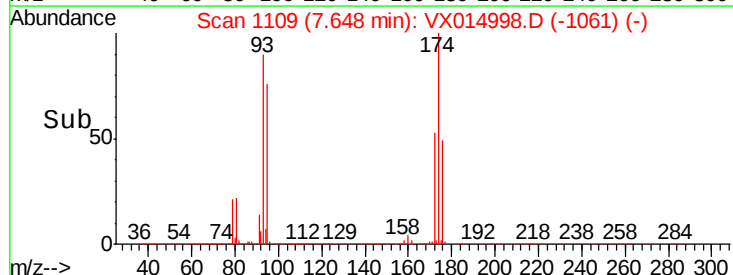
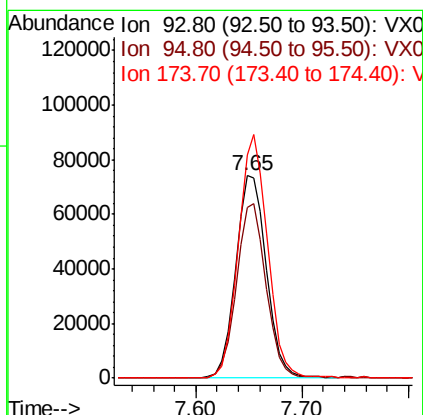
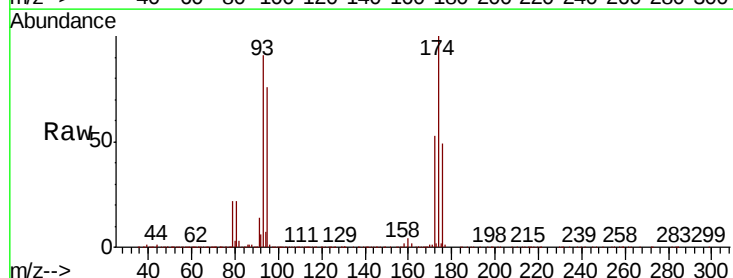
Instrument :
 MSVOA_X
 ClientSampleId :

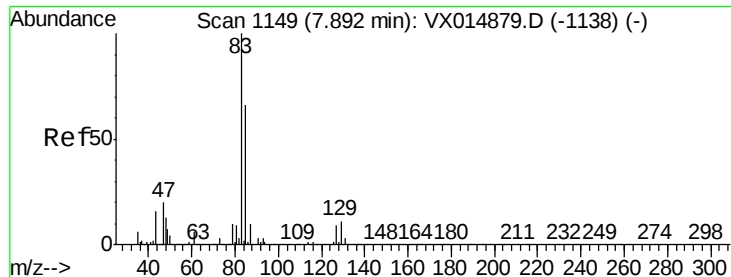
Tot Ion: 63 Resp: 228338
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.9 37.3



#46
 Dibromomethane
 Concen: 50.425 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Tgt Ion: 93 Resp: 149746
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.8 98.8
 174 115.1 95.4 143.2





#47

Bromodichloromethane

Concen: 51.618 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

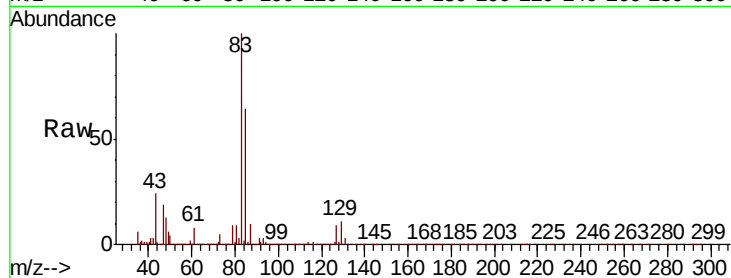
Tot Ion: 83 Resp: 303940

Ion Ratio Lower Upper

83 100

85 64.3 52.5 78.7

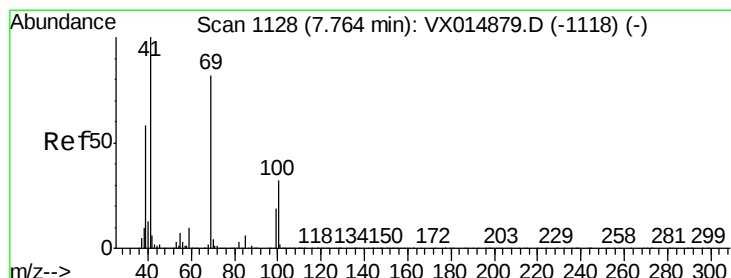
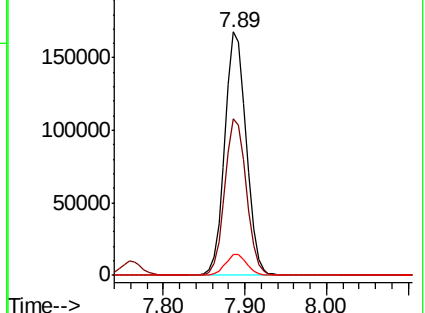
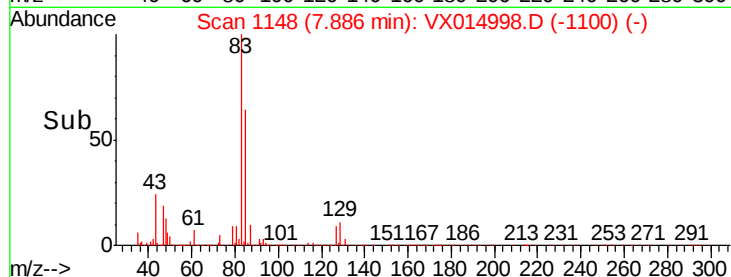
127 8.6 7.4 11.0



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: 53.309 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

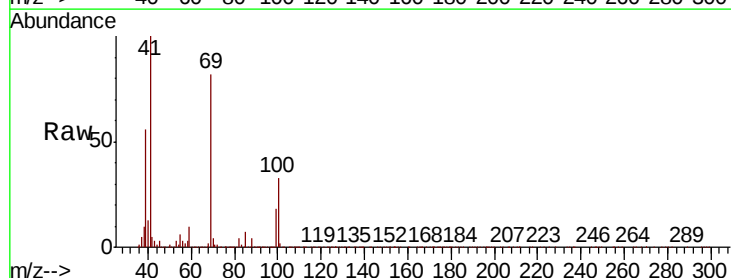
Tgt Ion: 41 Resp: 257357

Ion Ratio Lower Upper

41 100

69 81.0 65.7 98.5

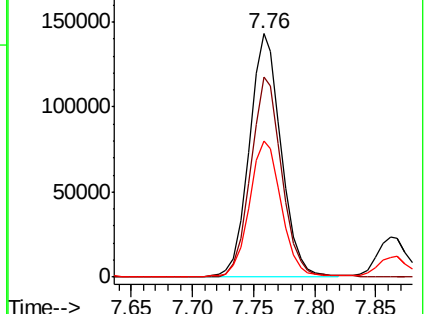
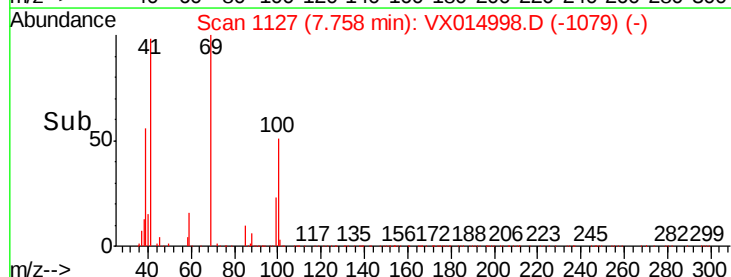
39 56.0 45.8 68.8

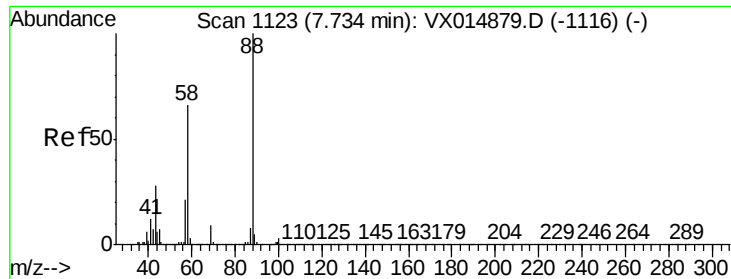


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

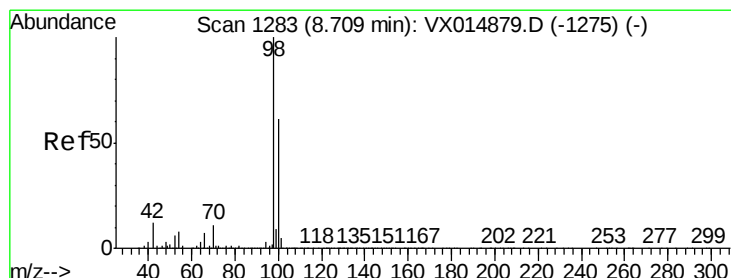
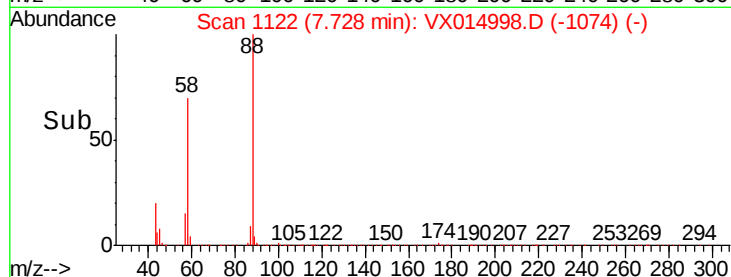
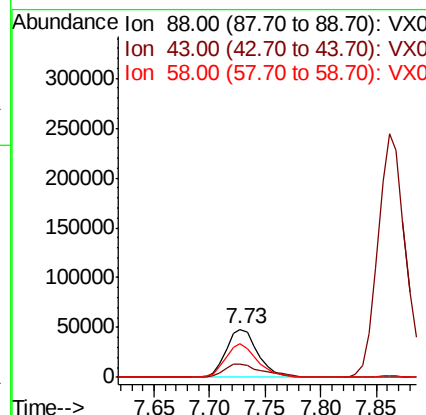
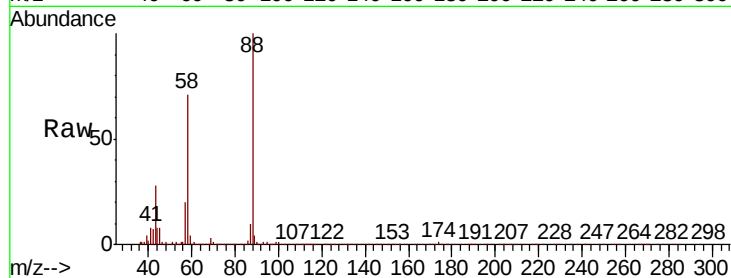




#49
1,4-Dioxane
Concen: 1041.601 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

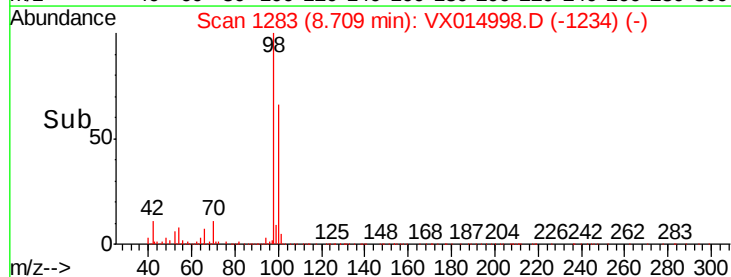
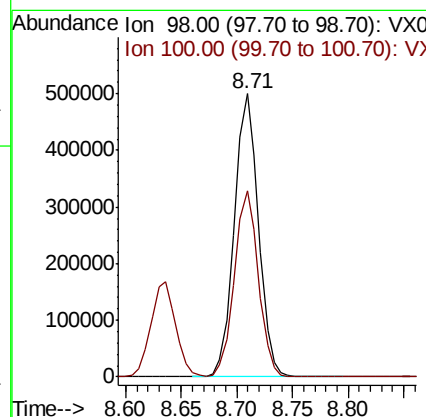
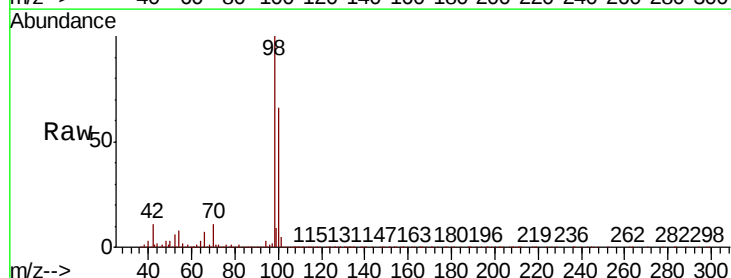
Instrument :
MSVOA_X
ClientSampleId :

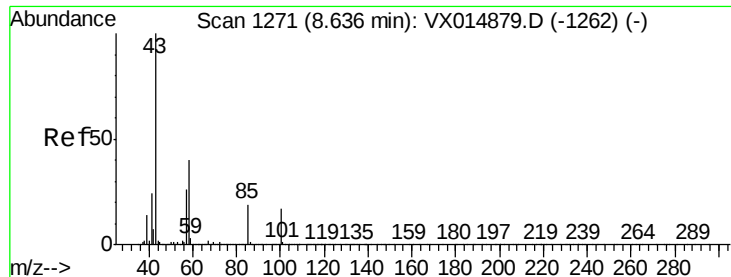
Tot Ion: 88 Resp: 94017
Ion Ratio Lower Upper
88 100
43 33.7 27.0 40.4
58 70.6 53.2 79.8



#50
Toluene-d8
Concen: 49.902 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion: 98 Resp: 746388
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6

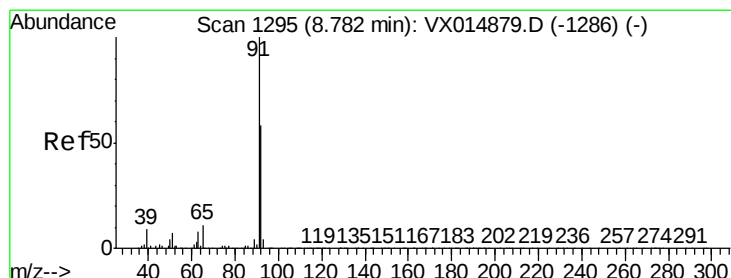
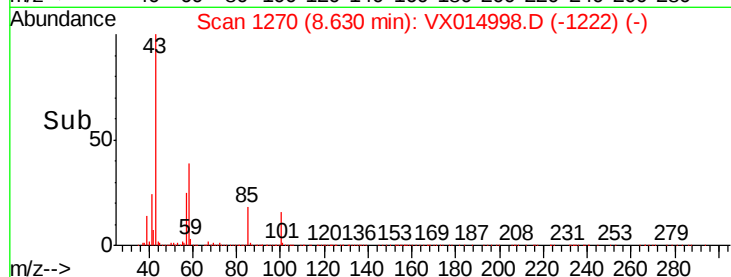
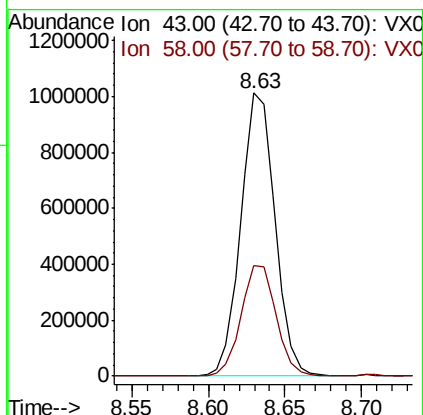
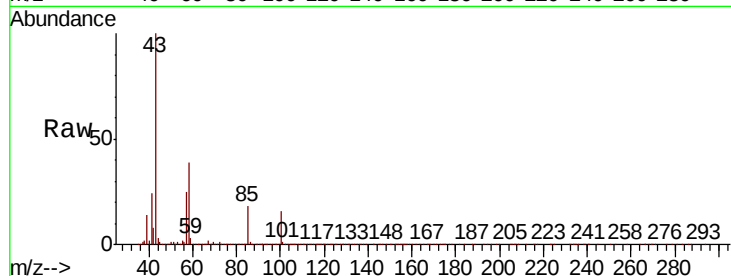




#51
4-Methyl-2-Pentanone
Concen: 265.556 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

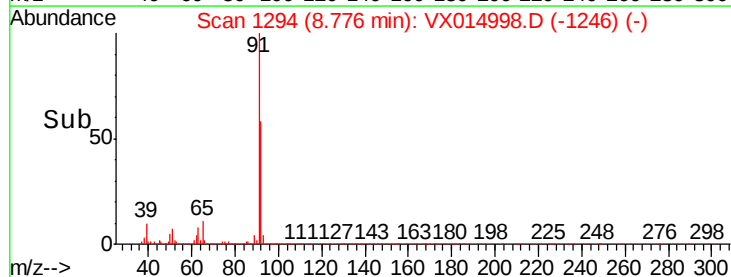
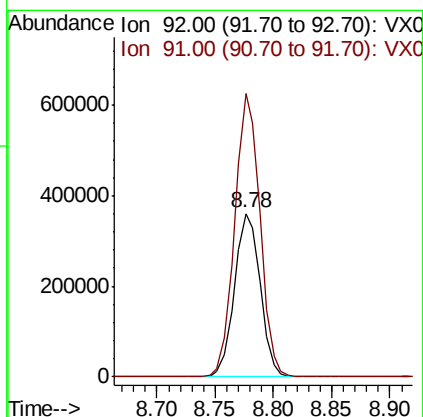
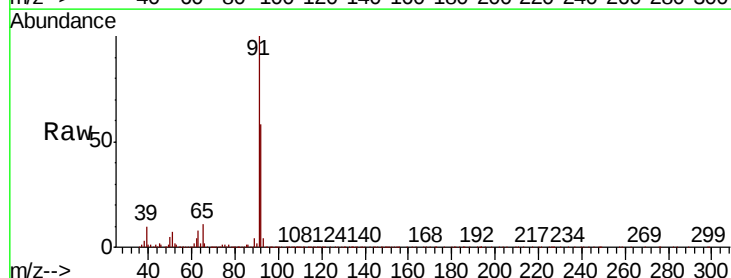
Instrument :
MSVOA_X
ClientSampleId :

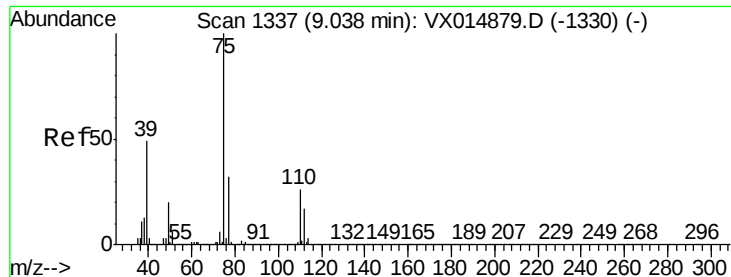
Tot Ion: 43 Resp: 1572964
Ion Ratio Lower Upper
43 100
58 39.9 31.9 47.9



#52
Toluene
Concen: 51.414 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion: 92 Resp: 556277
Ion Ratio Lower Upper
92 100
91 170.6 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 52.235 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

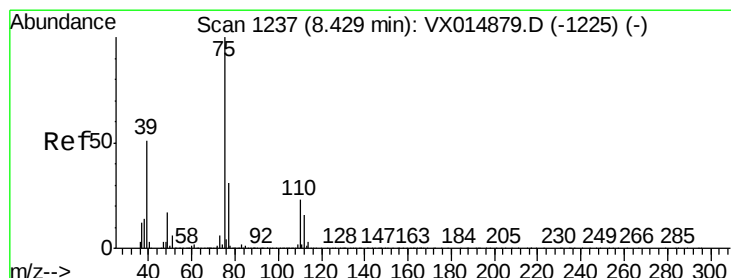
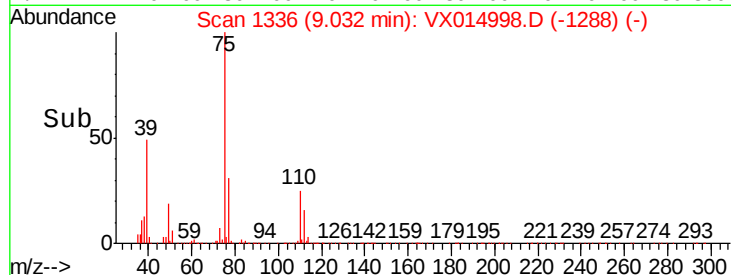
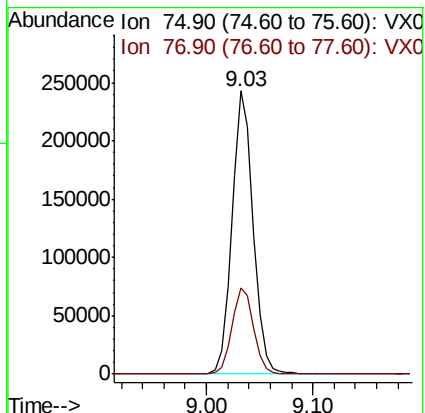
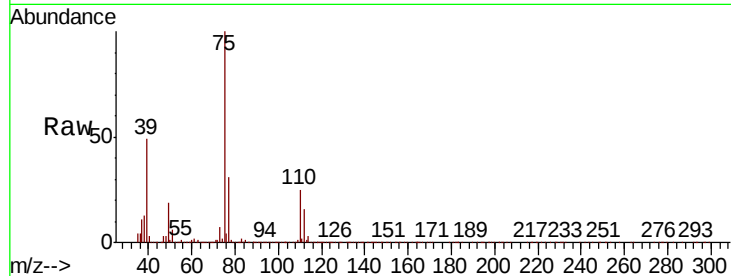
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 337081

Ion Ratio Lower Upper

75 100

77 30.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 51.716 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

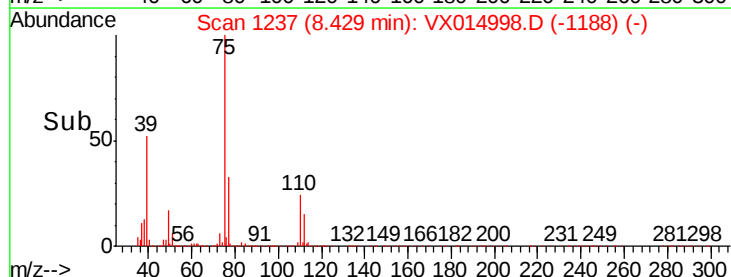
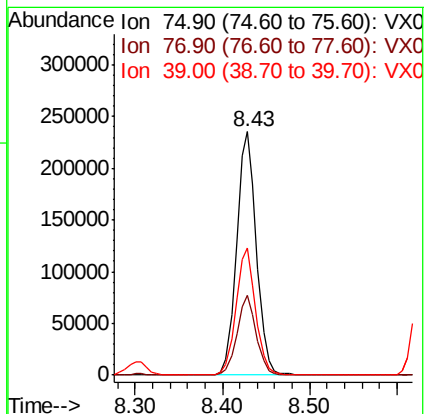
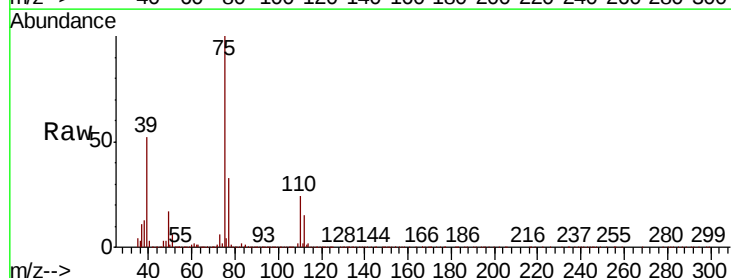
Tgt Ion: 75 Resp: 368679

Ion Ratio Lower Upper

75 100

77 32.9 24.6 37.0

39 51.9 40.9 61.3

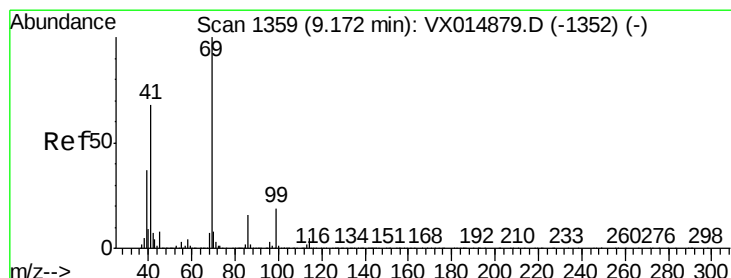
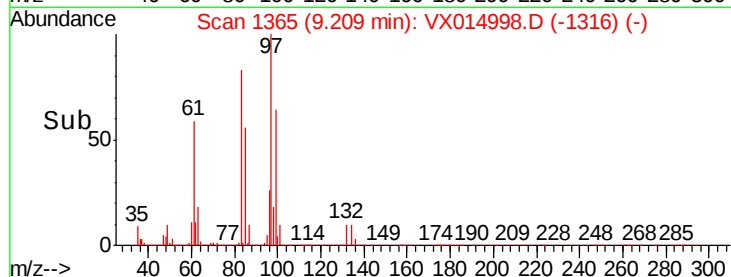
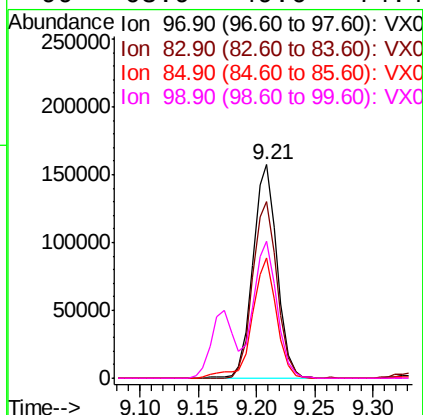
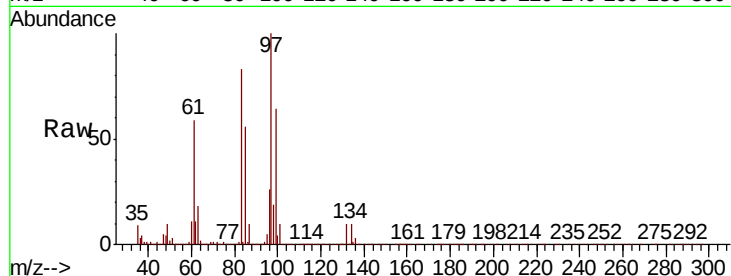




#55
 1,1,2-Trichloroethane
 Concen: 51.864 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

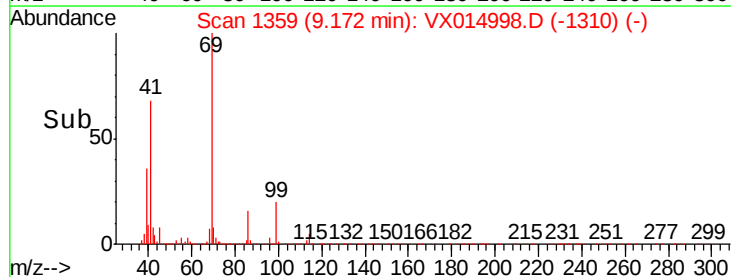
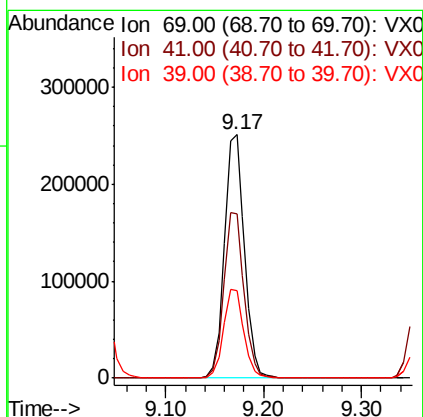
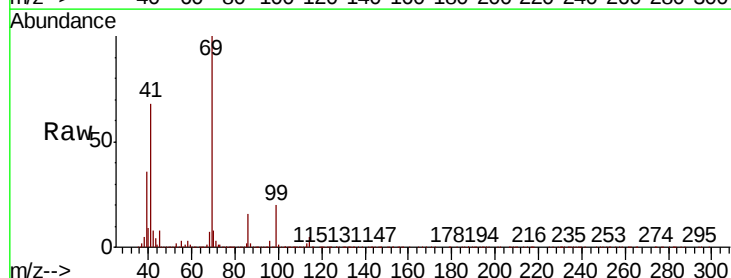
Instrument :
 MSVOA_X
 ClientSampleId :

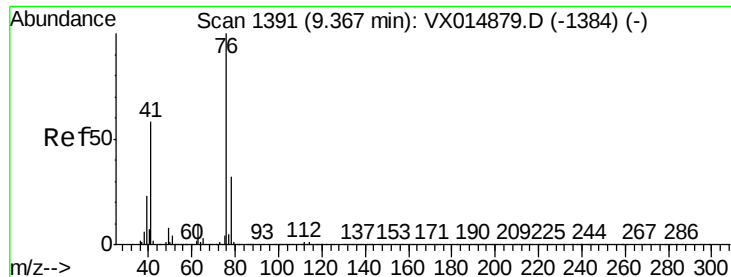
Tot Ion:	97	Resp:	227034
Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.6	99.8
85	56.1	43.5	65.3
99	63.9	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 53.914 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Tgt Ion:	69	Resp:	354734
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.8	82.2
39	36.6	29.9	44.9





#57

1,3-Dichloropropane

Concen: 51.912 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

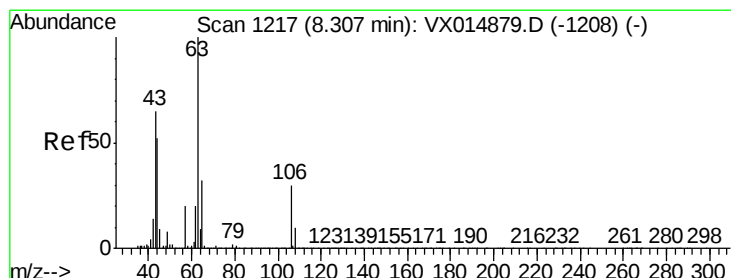
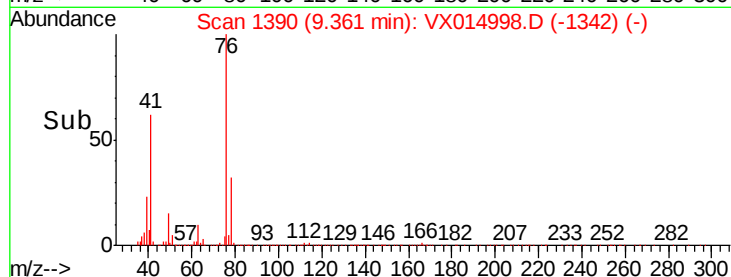
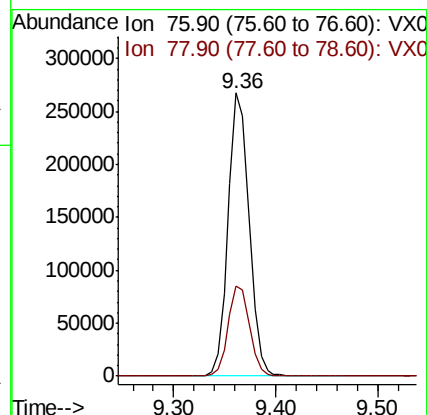
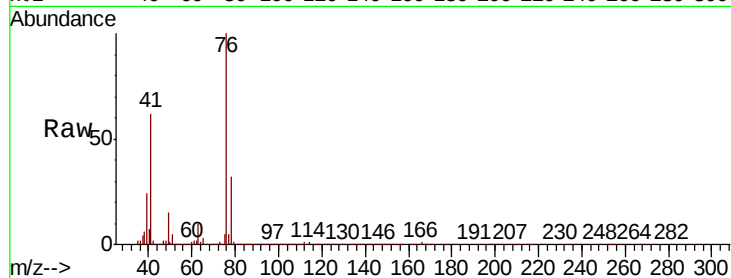
ClientSampleId :

Tot Ion: 76 Resp: 382525

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 278.860 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014998.D

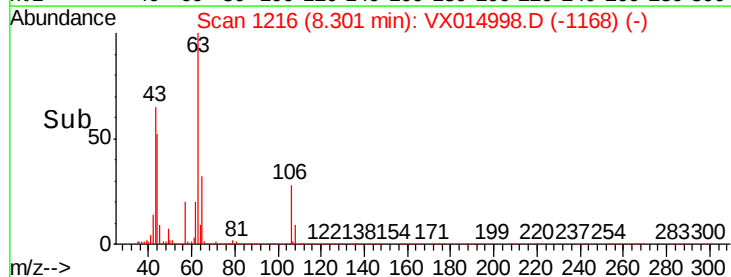
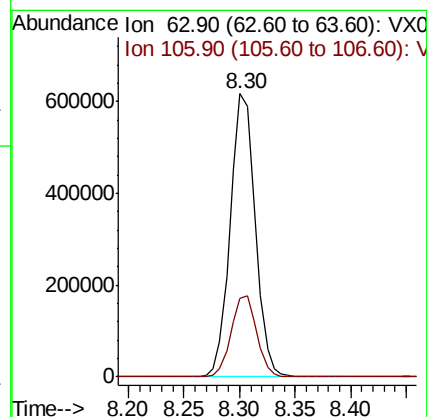
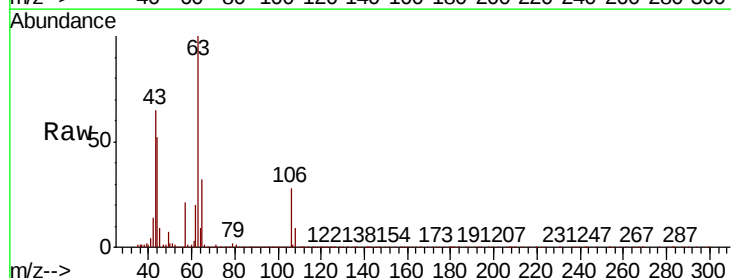
Acq: 24 Feb 2020 09:53

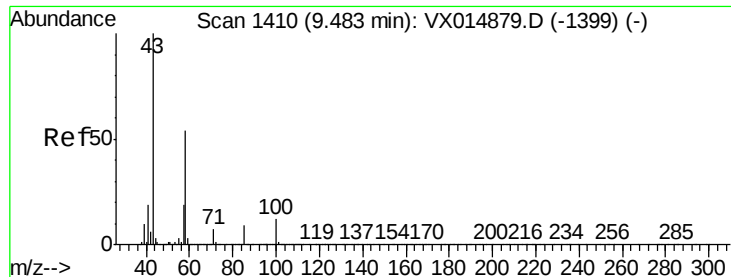
Tgt Ion: 63 Resp: 959570

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.8

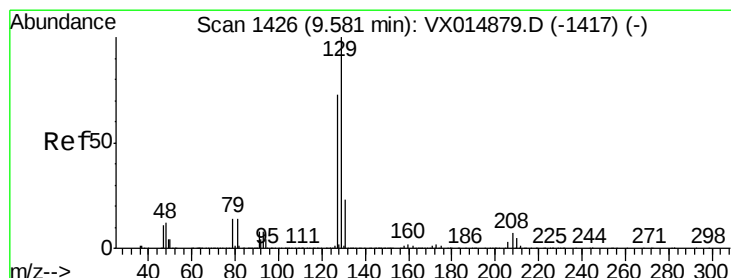
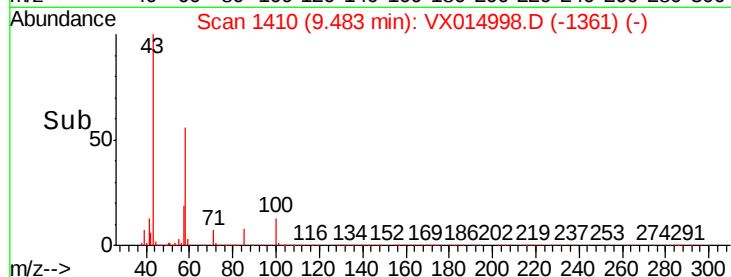
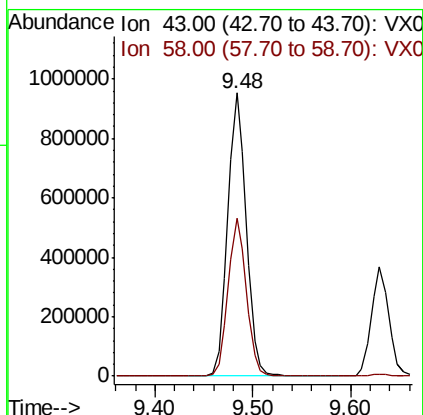
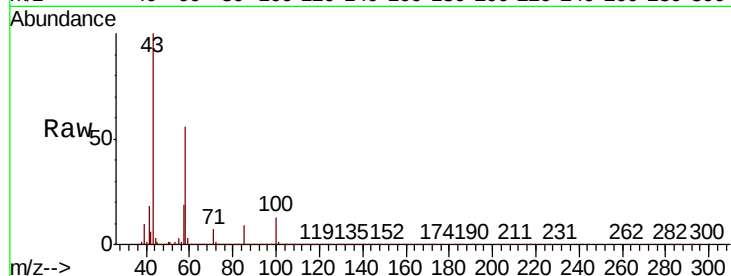




#59
2-Hexanone
Concen: 269.476 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

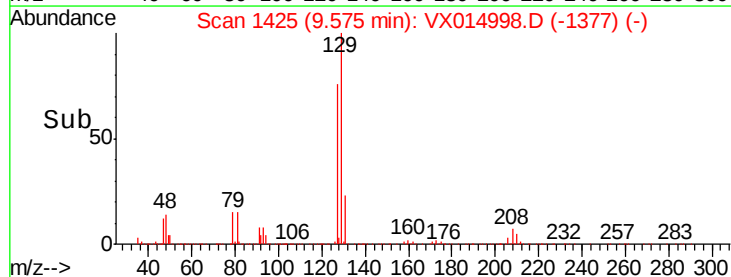
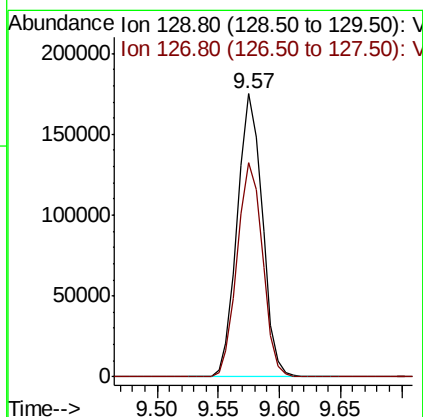
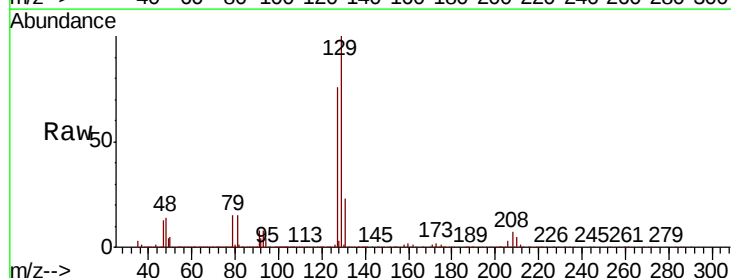
Instrument :
MSVOA_X
ClientSampled :

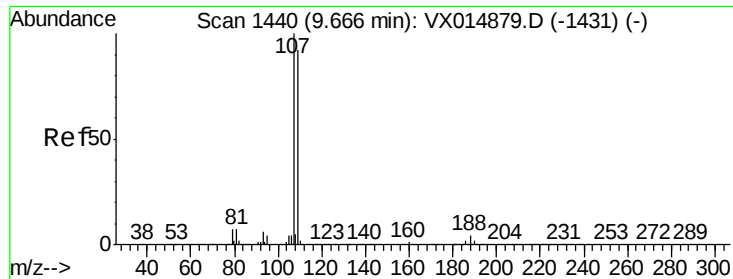
Tot Ion: 43 Resp: 1254620
Ion Ratio Lower Upper
43 100
58 55.3 27.5 82.5



#60
Dibromochloromethane
Concen: 52.776 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion: 129 Resp: 248620
Ion Ratio Lower Upper
129 100
127 76.5 37.8 113.3





#61

1,2-Dibromoethane

Concen: 50.594 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

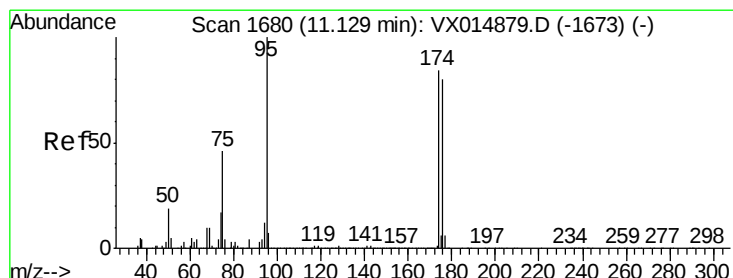
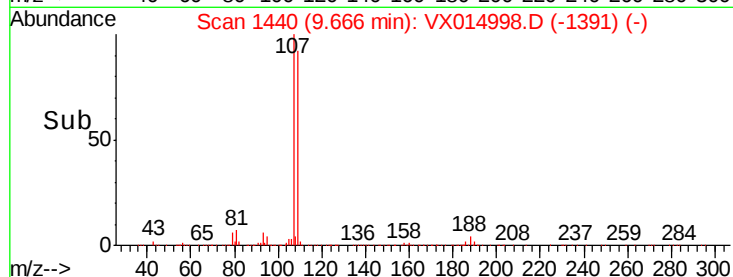
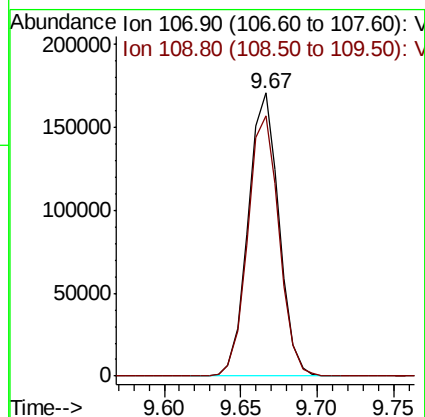
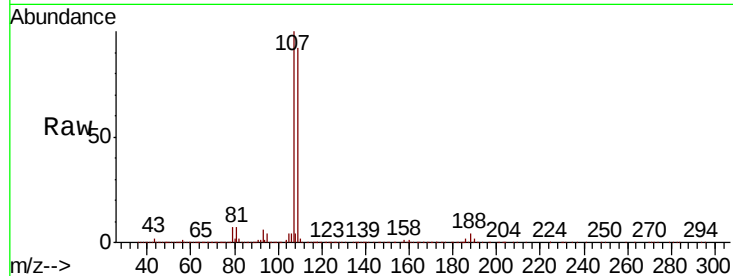
ClientSampleId :

Tot Ion:107 Resp: 238964

Ion Ratio Lower Upper

107 100

109 93.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 50.694 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

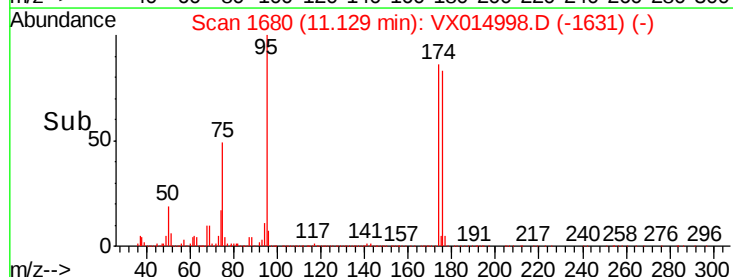
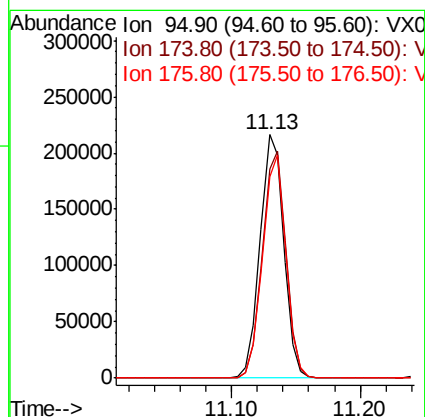
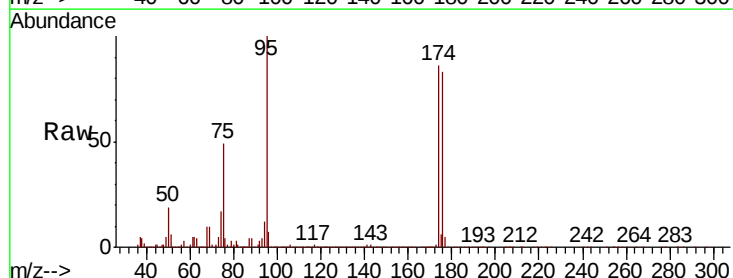
Tgt Ion: 95 Resp: 273136

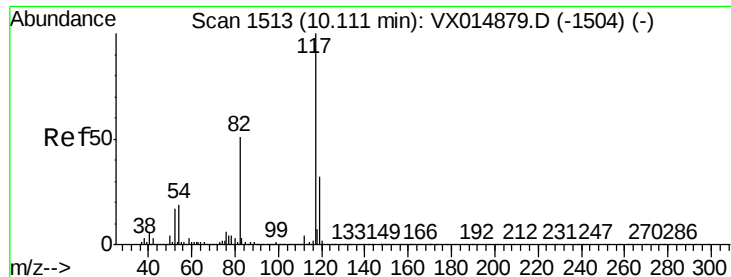
Ion Ratio Lower Upper

95 100

174 93.2 0.0 183.0

176 90.7 0.0 178.0

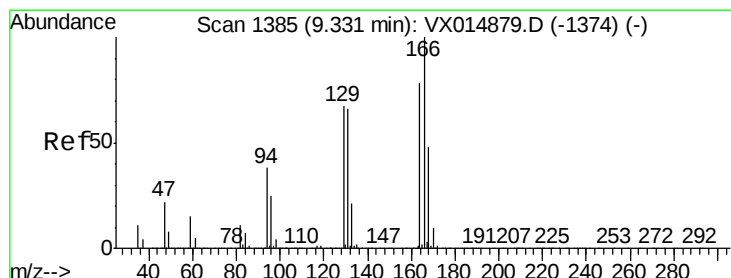
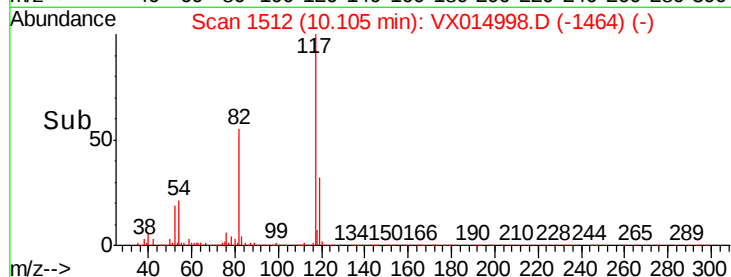
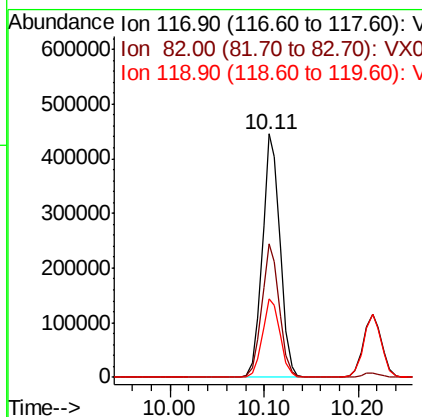
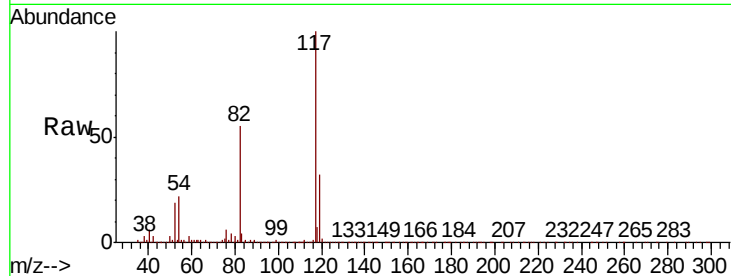




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

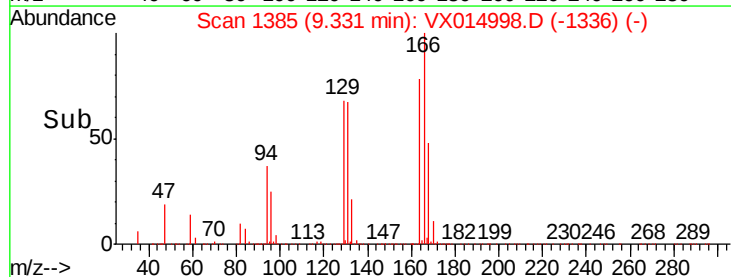
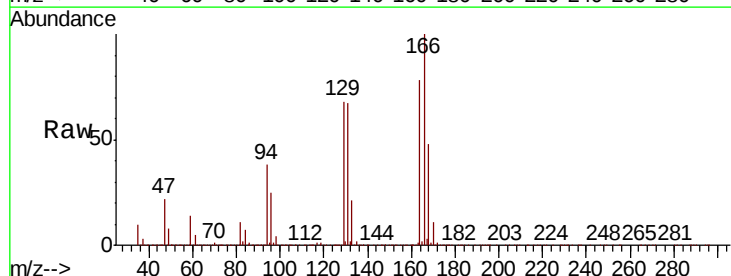
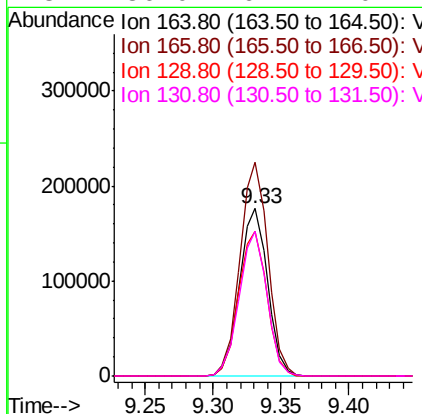
Instrument :
MSVOA_X
ClientSampled :

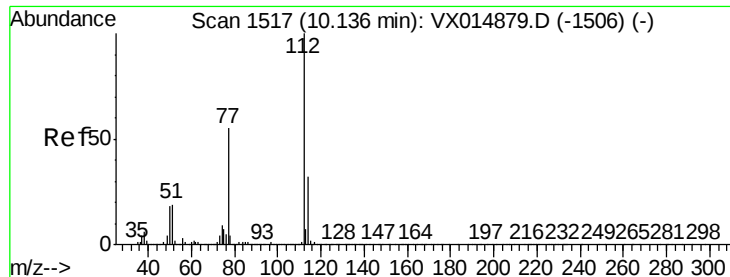
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	40.5	60.7
119	32.3	25.8	38.6



#64
Tetrachloroethene
Concen: 45.969 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.6	153.8
129	86.1	68.3	102.5
131	86.0	67.4	101.2

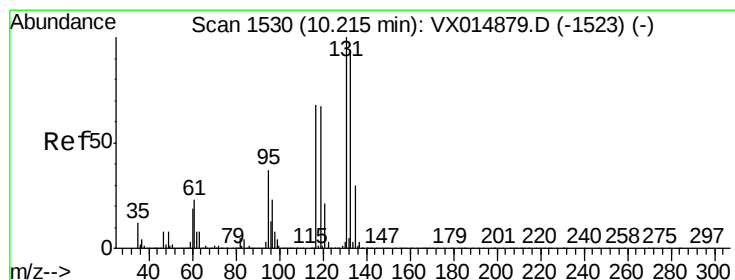
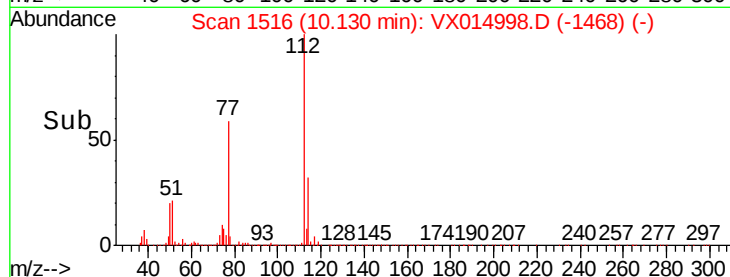
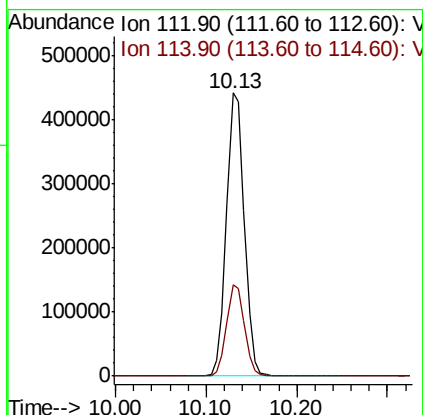
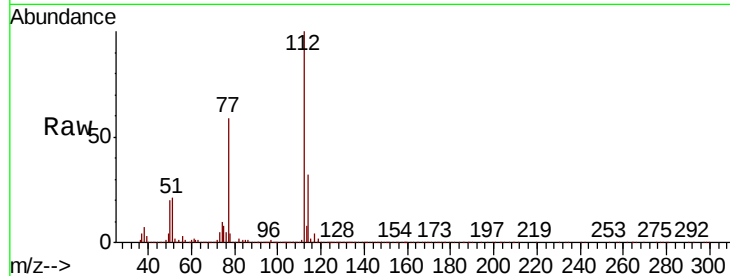




#65
Chlorobenzene
Concen: 50.468 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

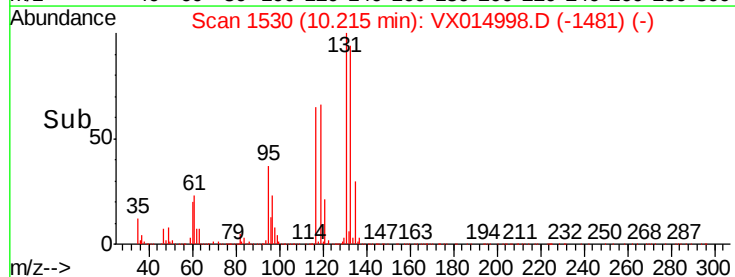
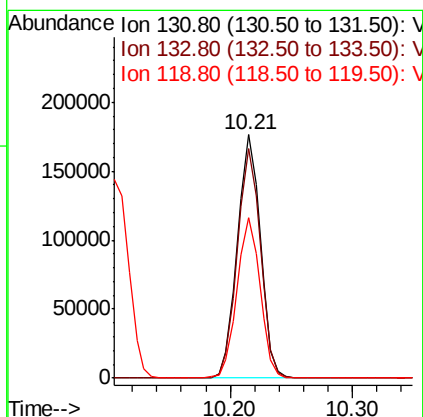
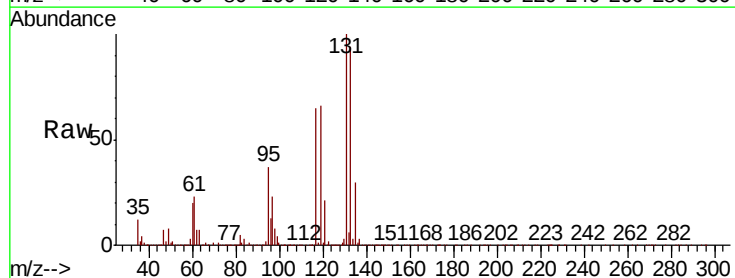
Instrument :
MSVOA_X
ClientSampleId :

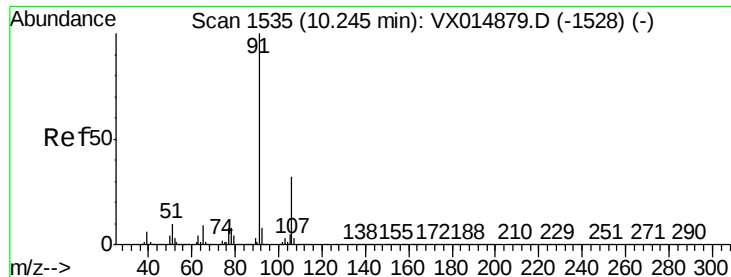
Tot Ion:112 Resp: 604361
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.706 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion:131 Resp: 229139
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.4
119 66.0 33.0 99.0

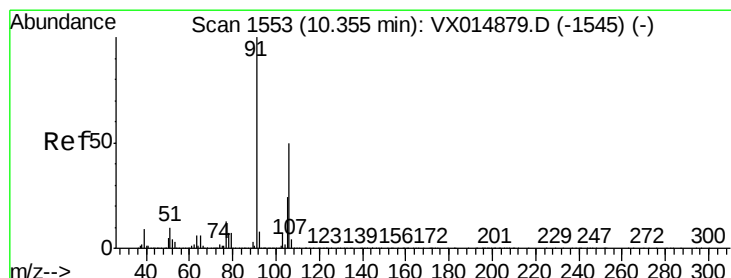
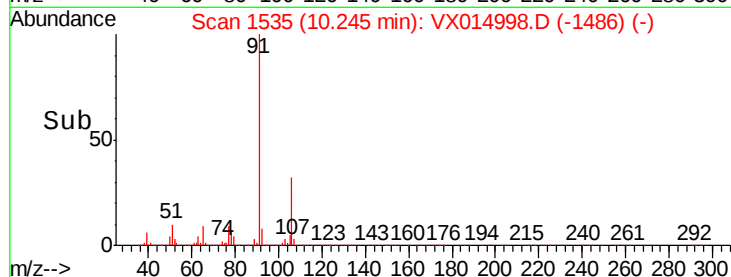
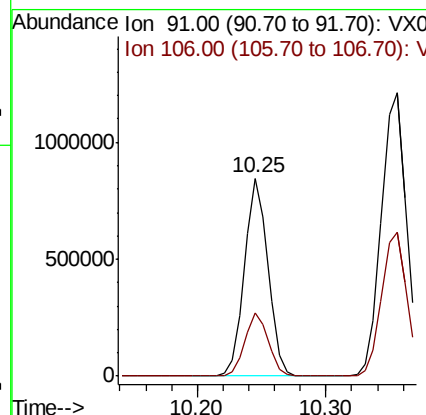
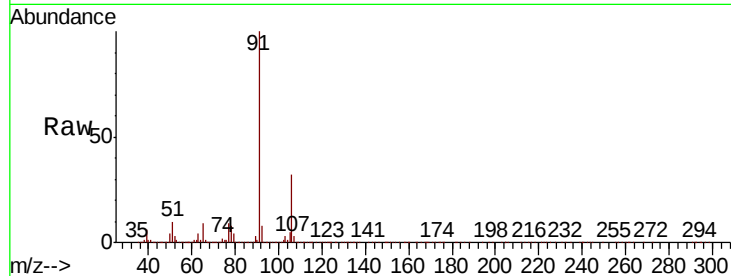




#67
Ethyl Benzene
Concen: 52.385 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

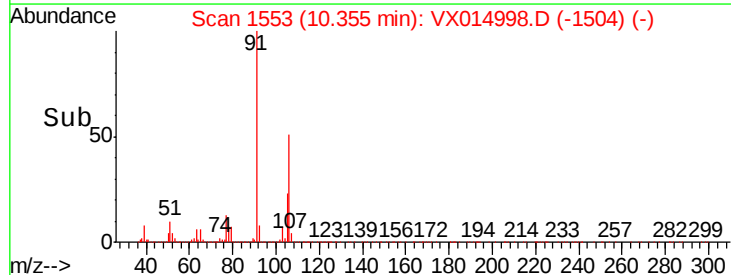
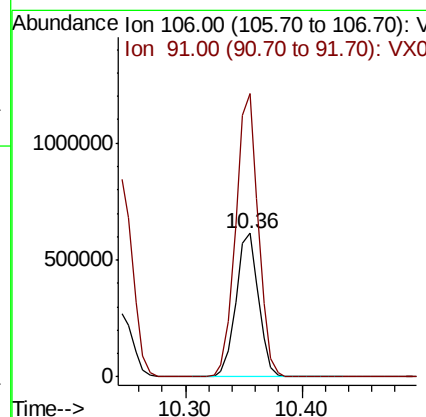
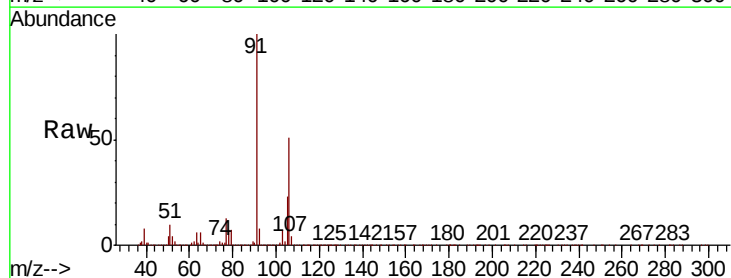
Instrument :
MSVOA_X
ClientSampled :

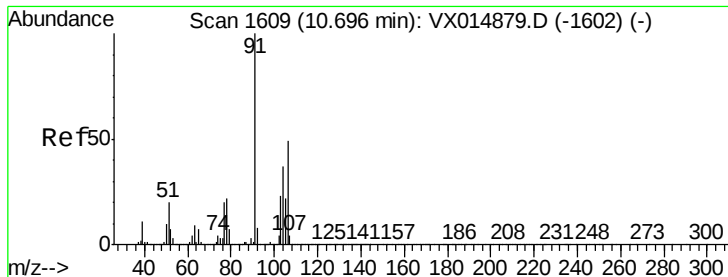
Tot Ion: 91 Resp: 1066871
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 105.337 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion: 106 Resp: 826431
Ion Ratio Lower Upper
106 100
91 197.8 160.6 240.8

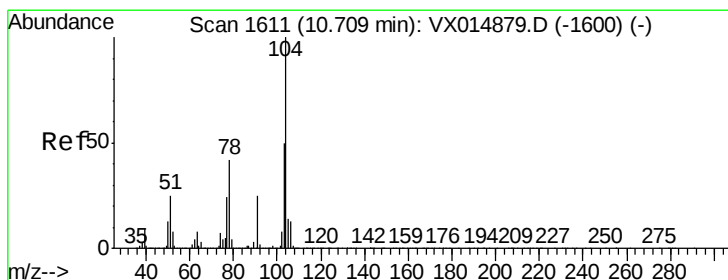
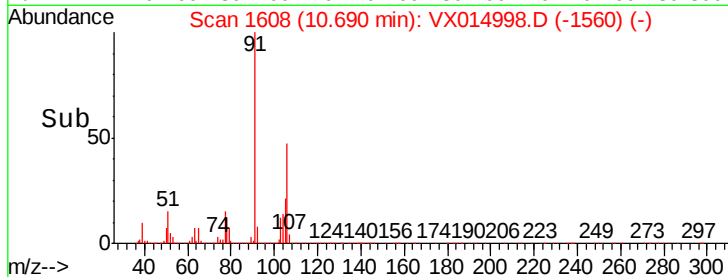
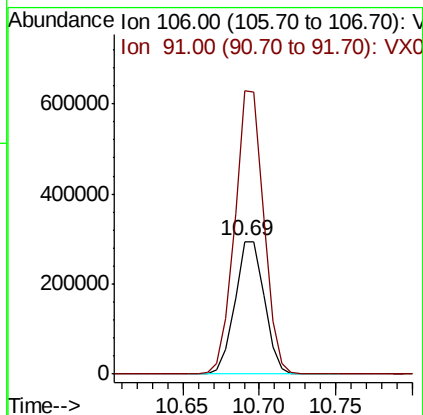
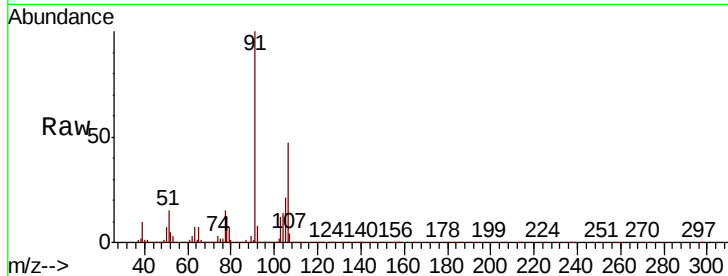




#69
o-Xylene
Concen: 52.193 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

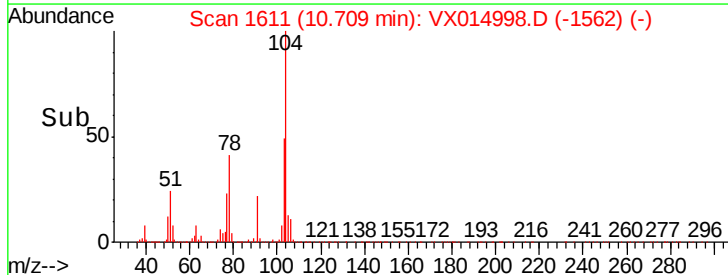
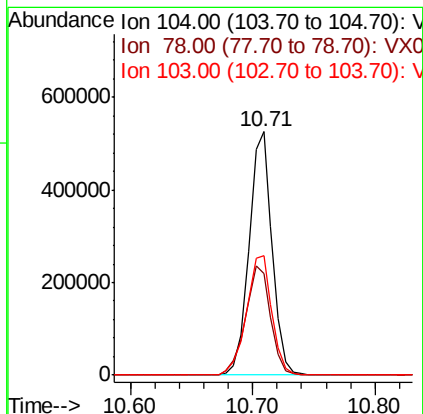
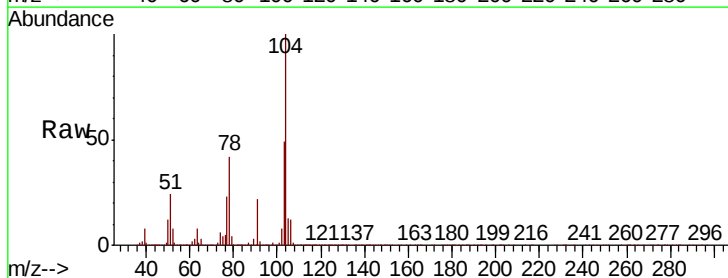
Instrument :
MSVOA_X
ClientSampleId :

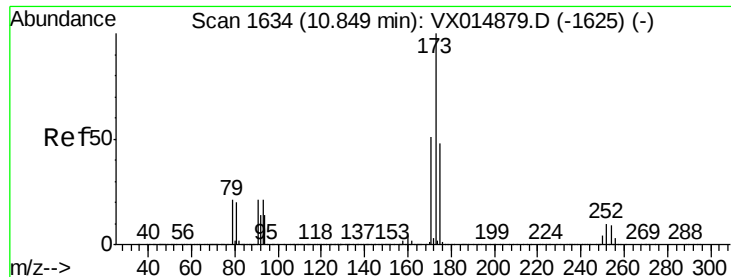
Tot Ion:106 Resp: 393630
Ion Ratio Lower Upper
106 100
91 209.6 105.1 315.3



#70
Styrene
Concen: 53.800 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion:104 Resp: 686422
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.4
103 54.4 43.4 65.0





#71

Bromoform

Concen: 53.078 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

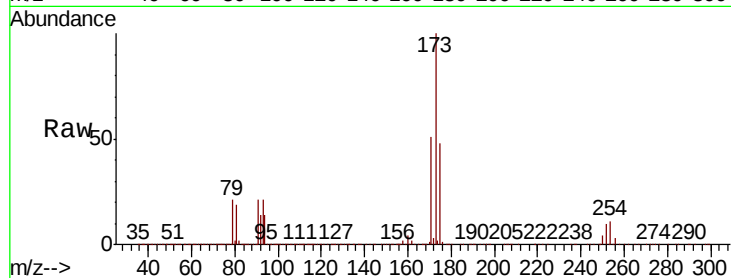
Tot Ion:173 Resp: 192611

Ion Ratio Lower Upper

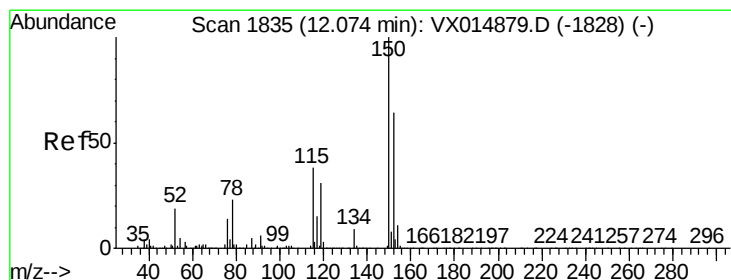
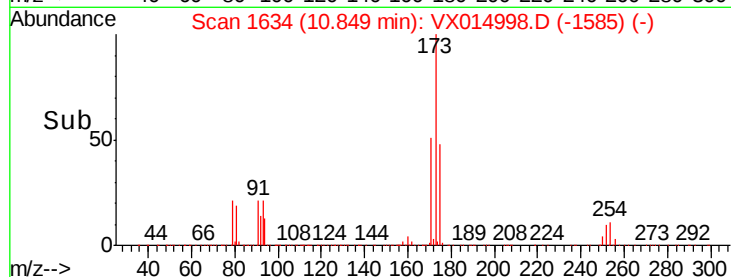
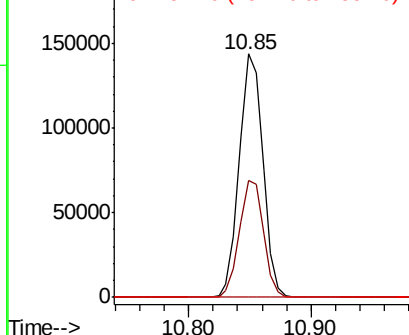
173 100

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: VX014998.D

Acq: 24 Feb 2020 09:53

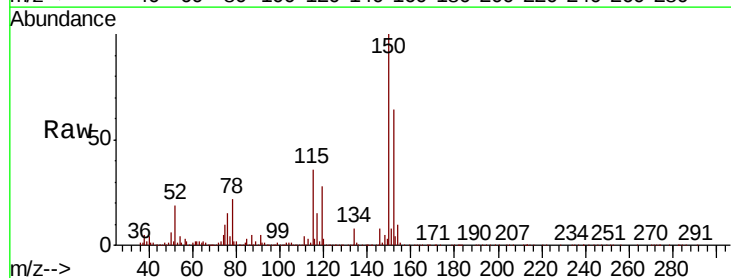
Tgt Ion:152 Resp: 317202

Ion Ratio Lower Upper

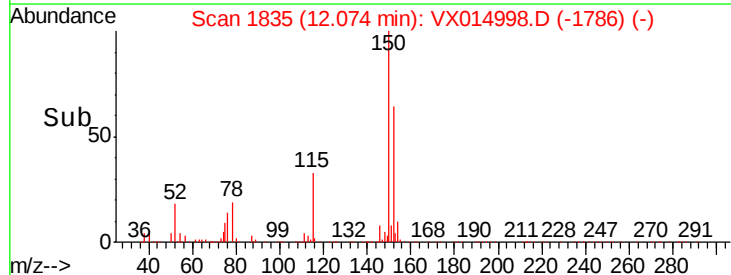
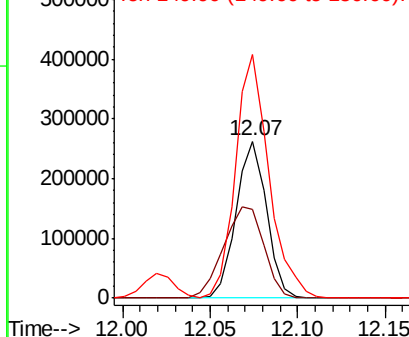
152 100

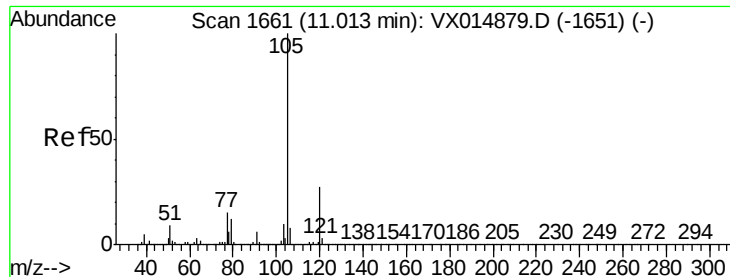
115 76.9 38.6 116.0

150 170.6 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: 53.748 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

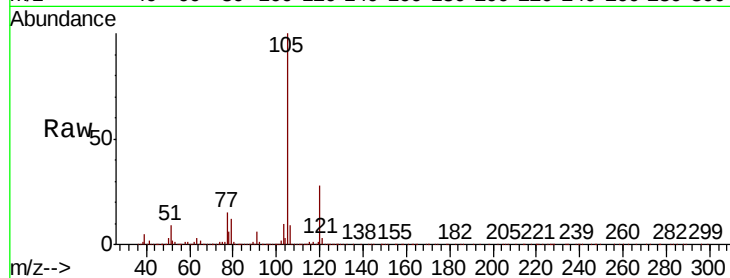
ClientSampled :

Tot Ion:105 Resp: 1069155

Ion Ratio Lower Upper

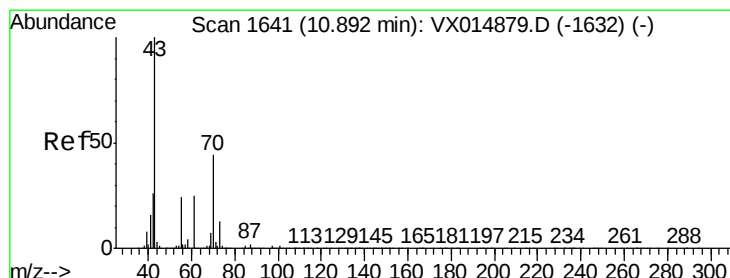
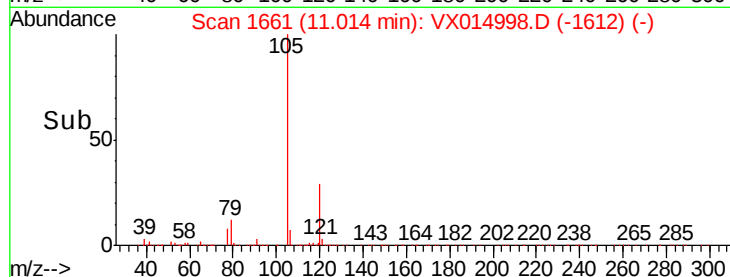
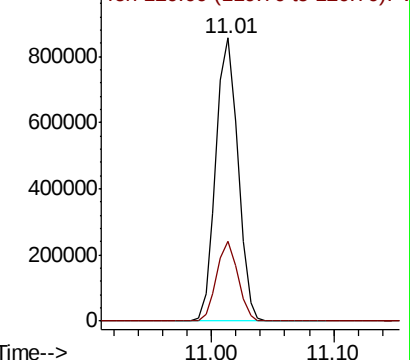
105 100

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: 55.028 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Tgt Ion: 43 Resp: 454818

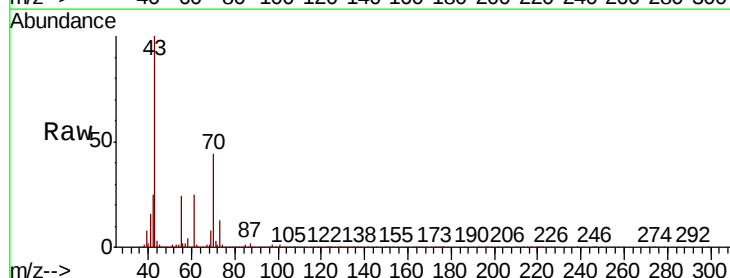
Ion Ratio Lower Upper

43 100

70 43.5 35.0 52.4

55 24.5 19.4 29.2

61 24.7 19.8 29.6

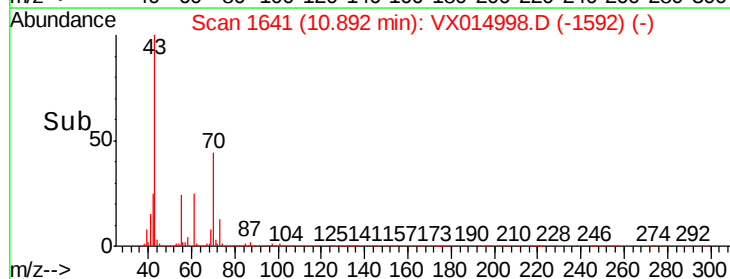
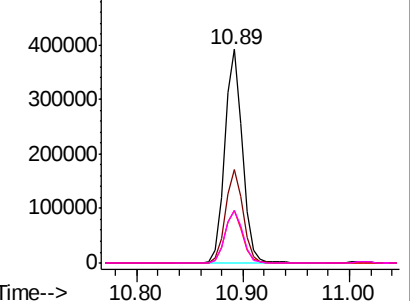


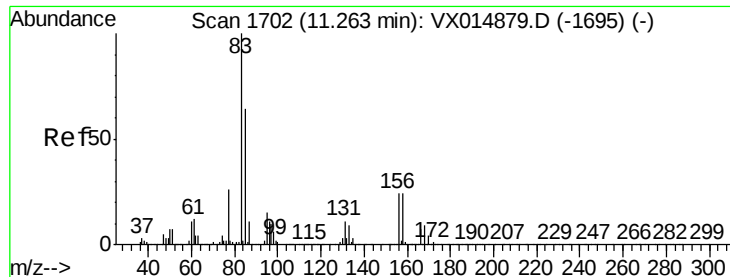
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.181 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

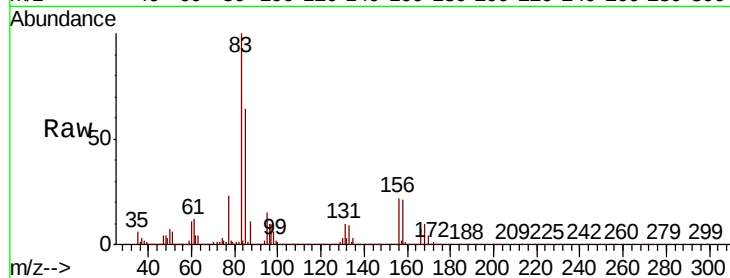
Tot Ion: 83 Resp: 339307

Ion Ratio Lower Upper

83 100

131 10.1 5.3 16.1

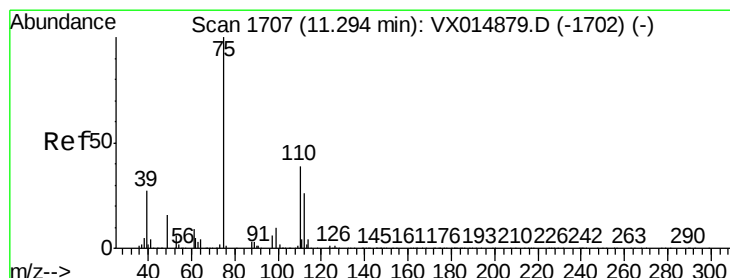
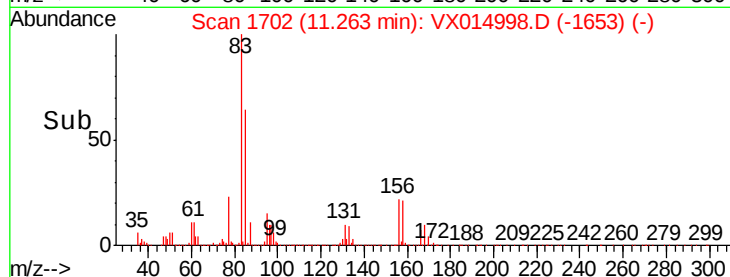
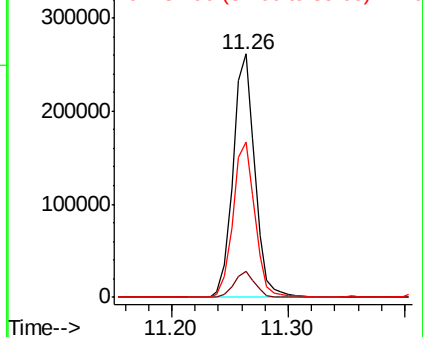
85 64.2 32.6 97.7



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: 68.792 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014998.D

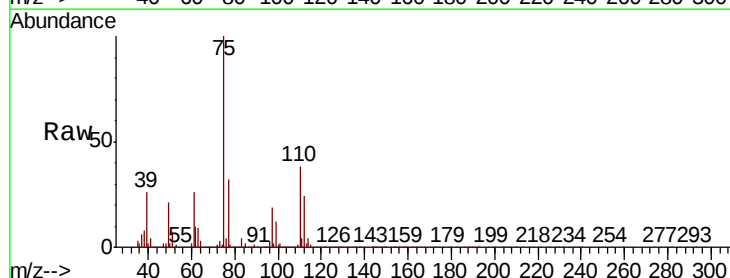
Acq: 24 Feb 2020 09:53

Tgt Ion: 75 Resp: 394594

Ion Ratio Lower Upper

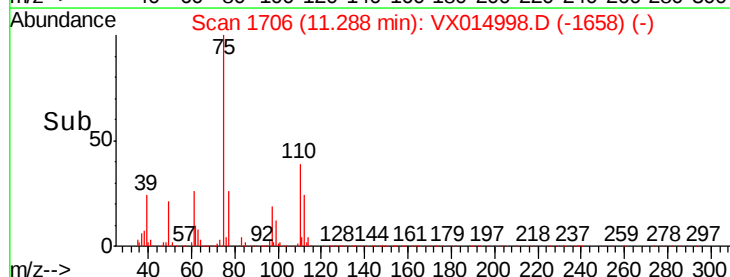
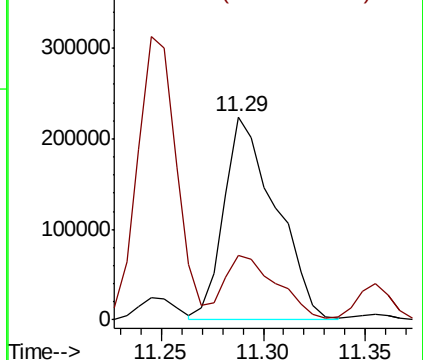
75 100

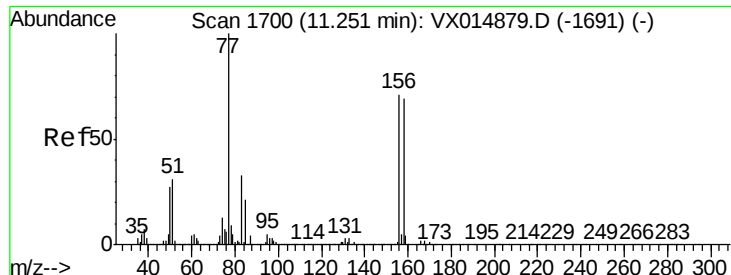
77 32.4 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.146 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

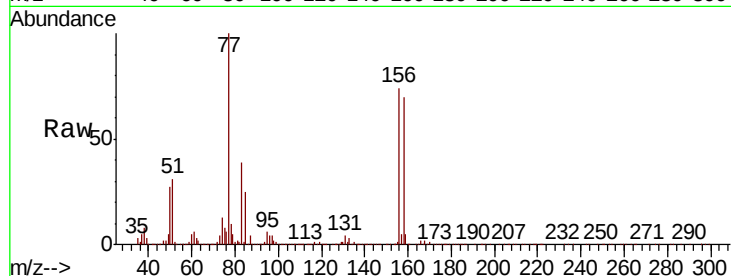
Tot Ion:156 Resp: 283966

Ion Ratio Lower Upper

156 100

77 145.0 74.0 222.0

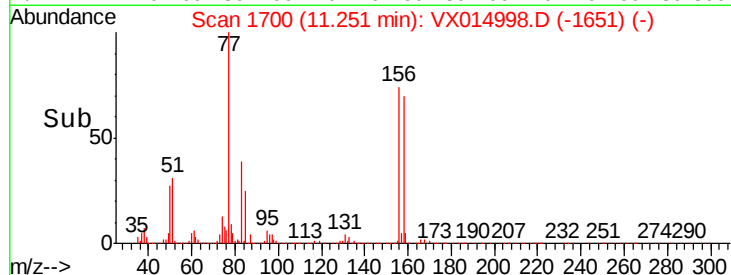
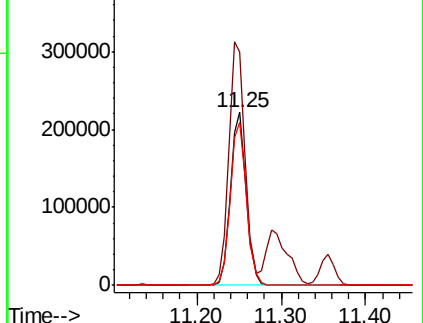
158 96.3 48.9 146.6



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: 53.424 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014998.D

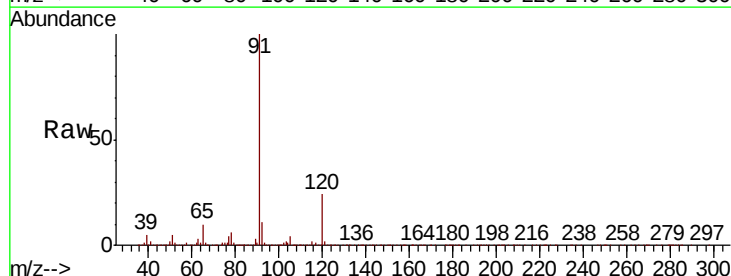
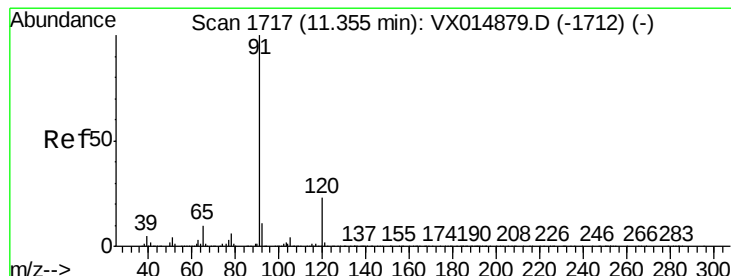
Acq: 24 Feb 2020 09:53

Tgt Ion: 91 Resp: 1229139

Ion Ratio Lower Upper

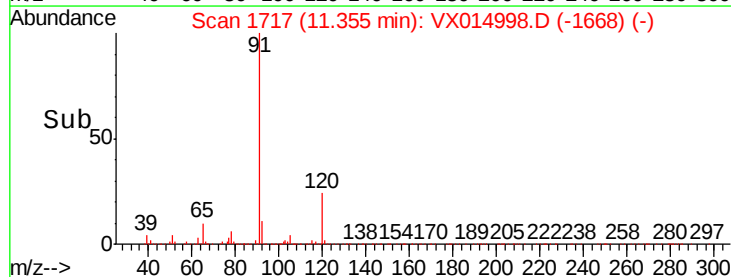
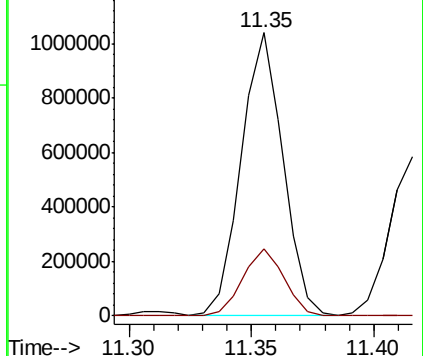
91 100

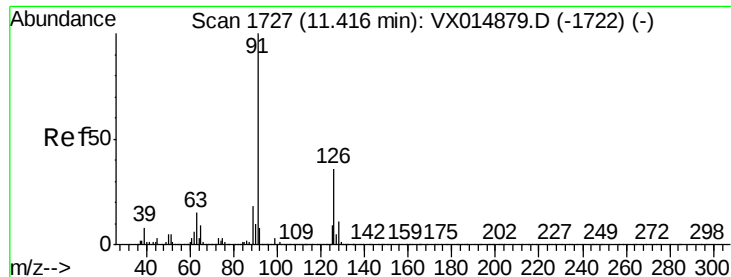
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.182 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

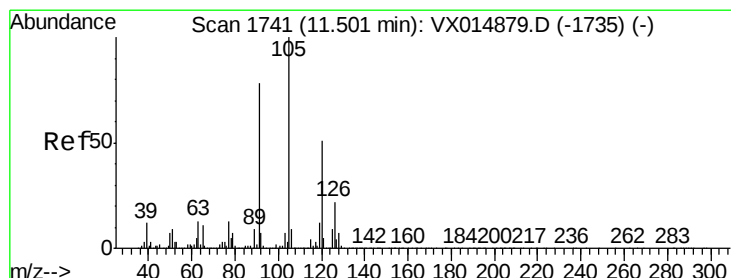
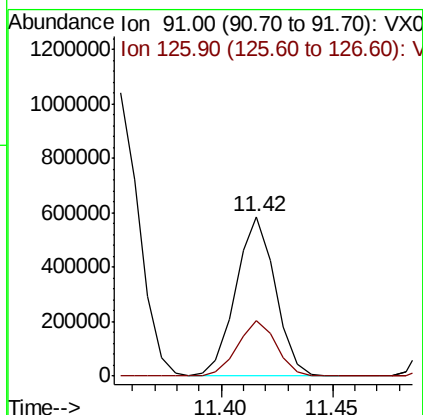
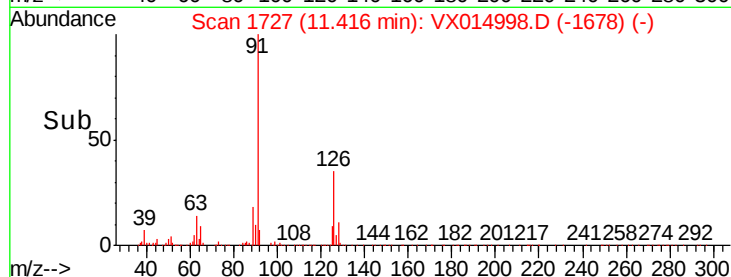
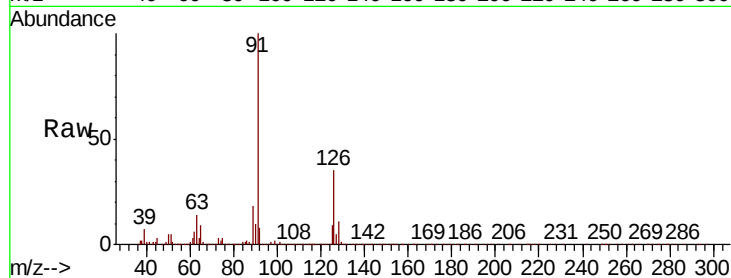
ClientSampled :

Tot Ion: 91 Resp: 719328

Ion Ratio Lower Upper

91 100

126 34.4 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 54.204 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014998.D

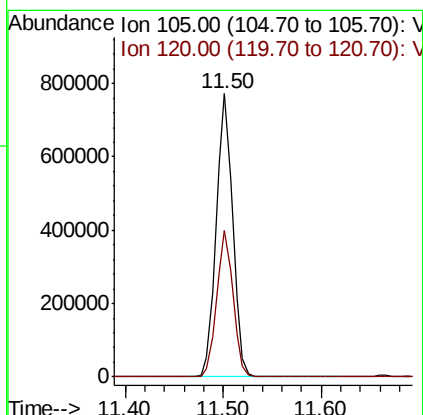
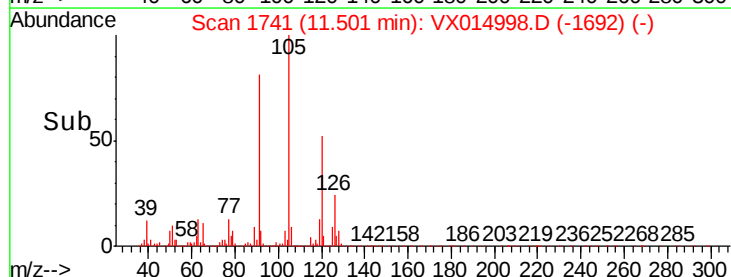
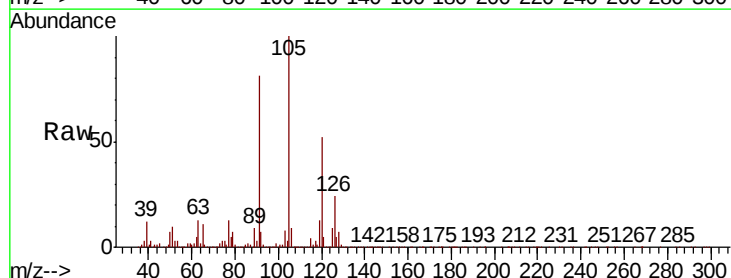
Acq: 24 Feb 2020 09:53

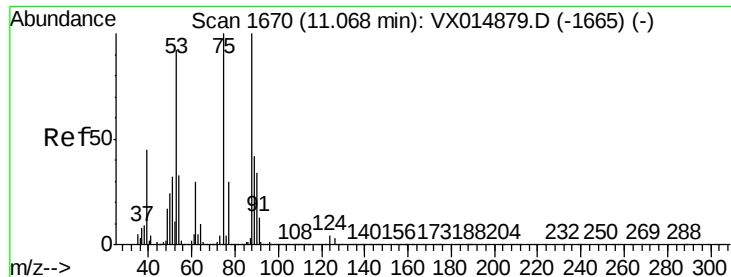
Tgt Ion: 105 Resp: 900929

Ion Ratio Lower Upper

105 100

120 50.9 25.6 76.6

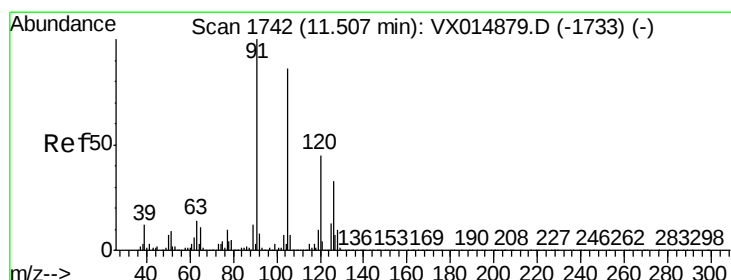
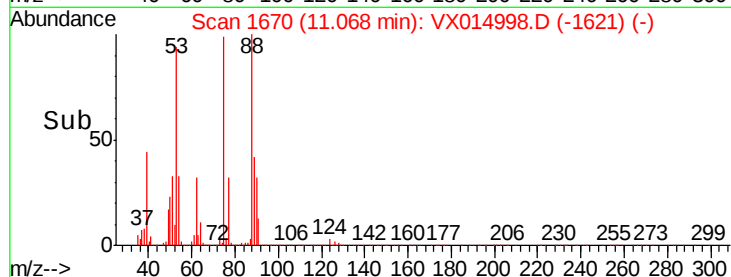
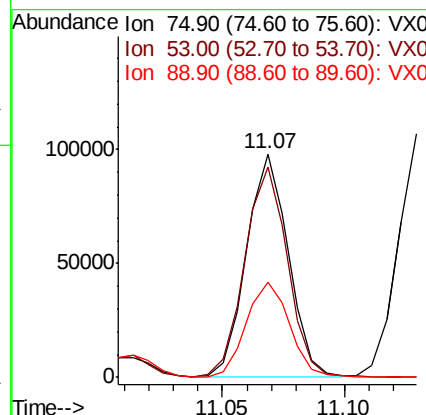
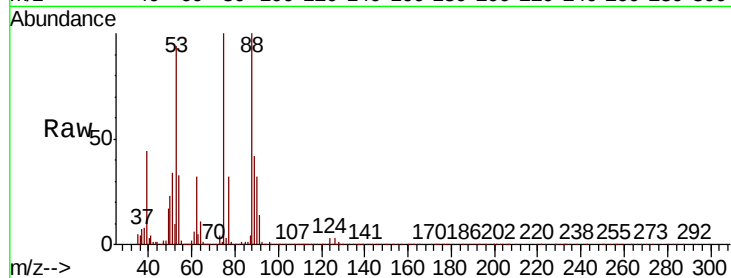




#81
trans-1,4-Dichloro-2-butene
Concen: 51.822 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

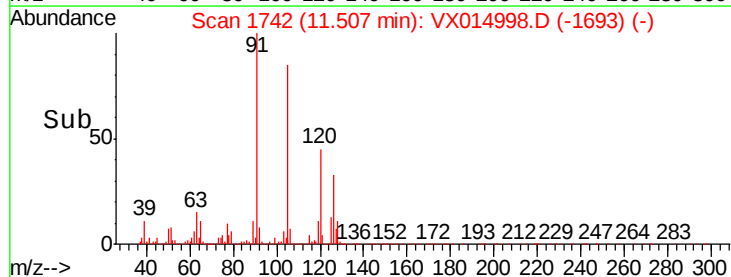
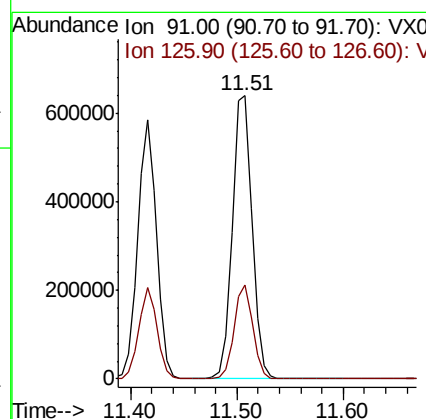
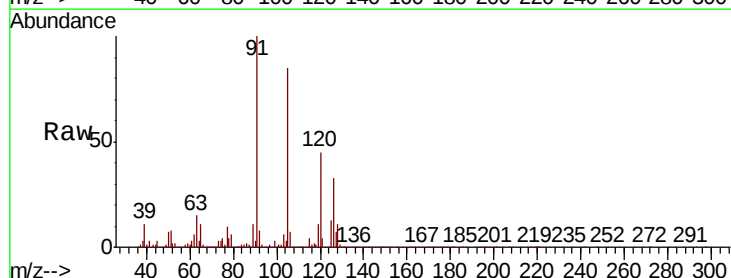
Instrument :
MSVOA_X
ClientSampleId :

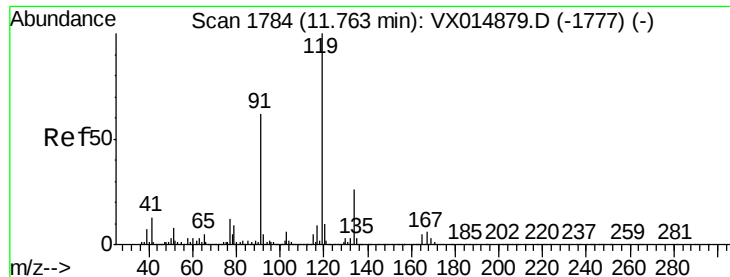
Tot Ion: 75 Resp: 116129
Ion Ratio Lower Upper
75 100
53 96.3 76.2 114.2
89 44.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 51.962 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion: 91 Resp: 832305
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.0





#83

tert-Butylbenzene

Concen: 54.803 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

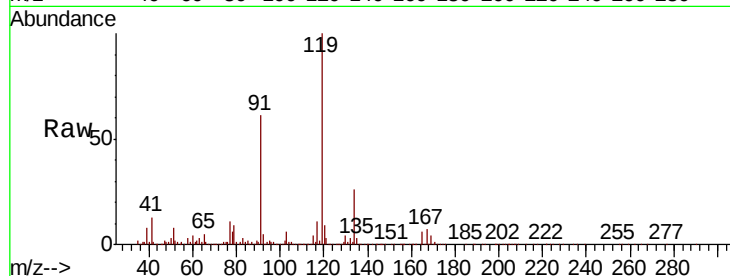
Tot Ion:119 Resp: 862566

Ion Ratio Lower Upper

119 100

91 57.3 29.5 88.6

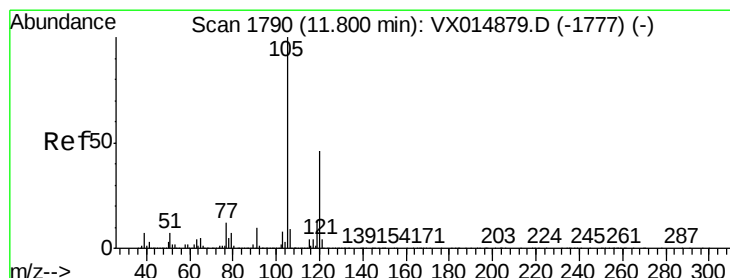
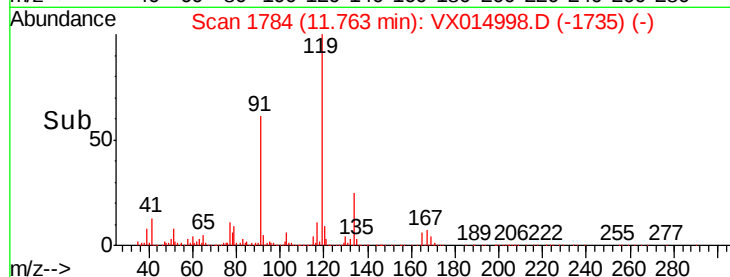
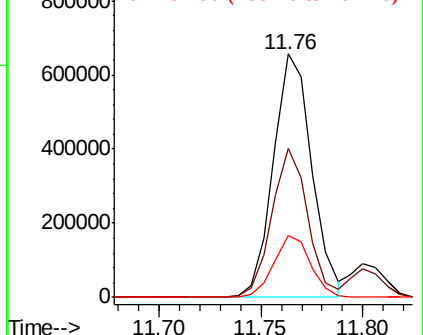
134 24.5 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.962 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014998.D

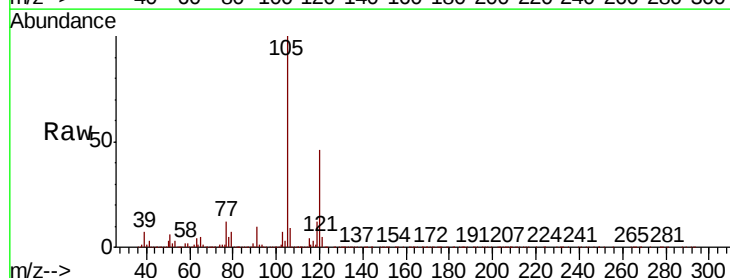
Acq: 24 Feb 2020 09:53

Tgt Ion:105 Resp: 903867

Ion Ratio Lower Upper

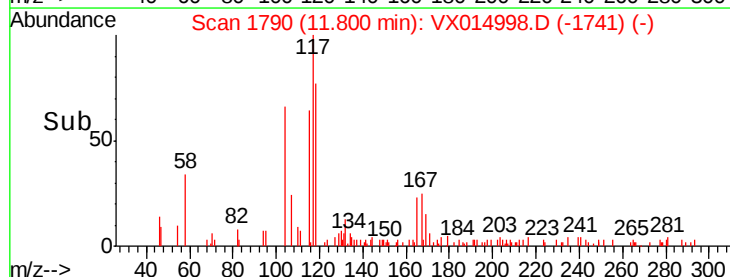
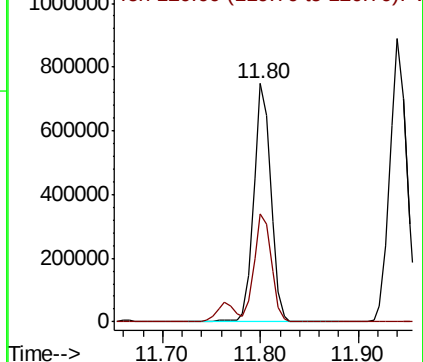
105 100

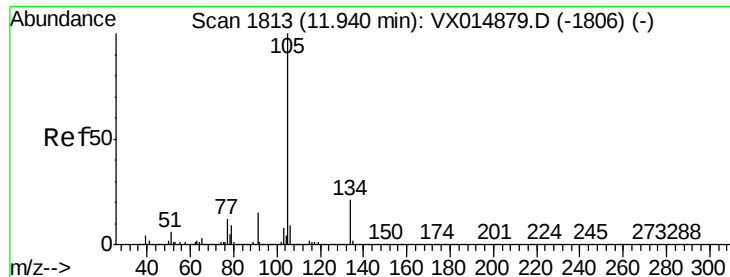
120 45.5 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.167 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

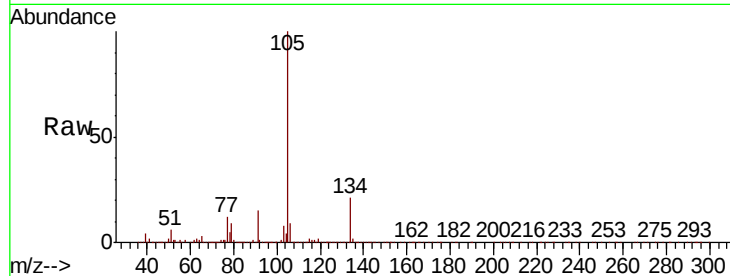
ClientSampleId :

Tot Ion:105 Resp: 1059120

Ion Ratio Lower Upper

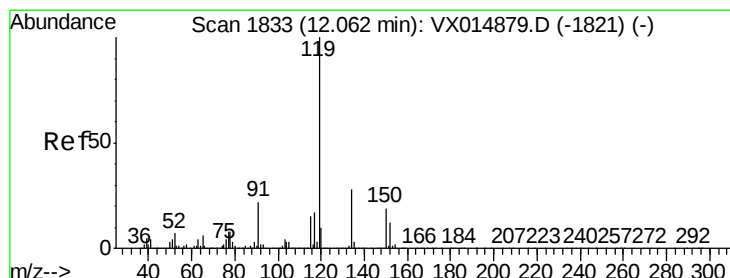
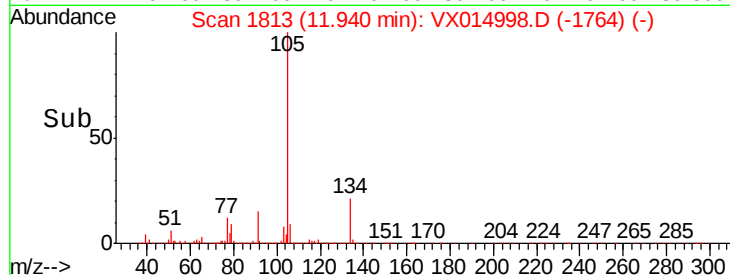
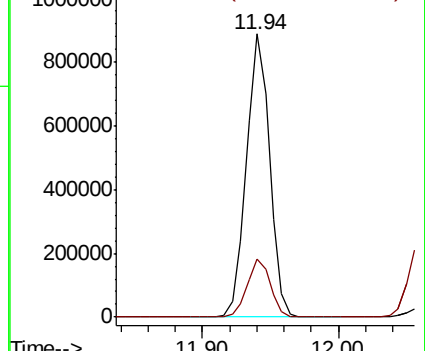
105 100

134 20.5 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.835 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

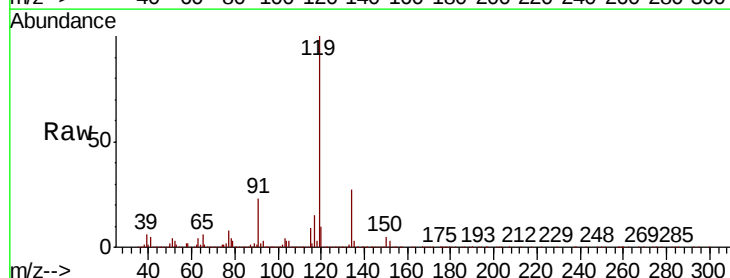
Tgt Ion:119 Resp: 985019

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

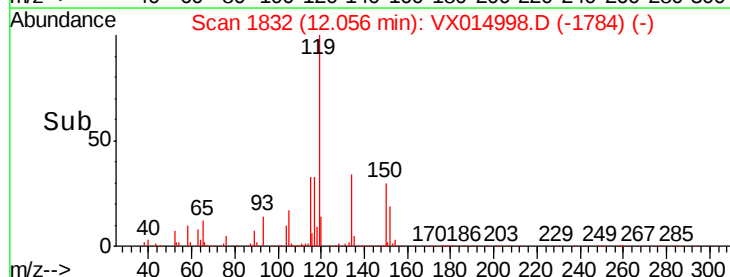
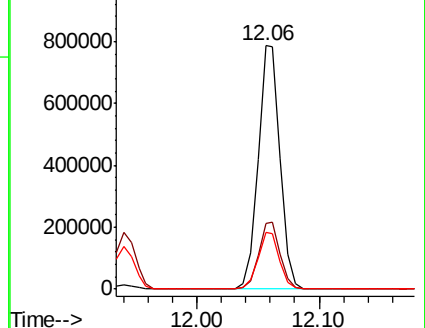
91 22.8 11.4 34.1

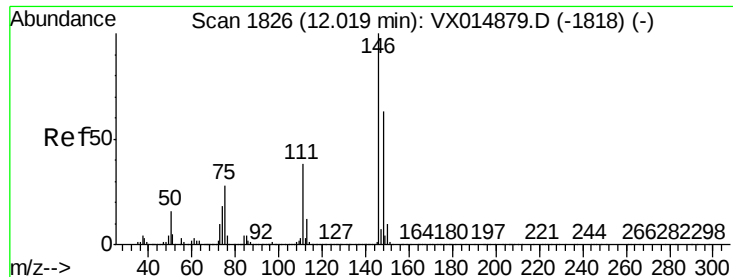


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

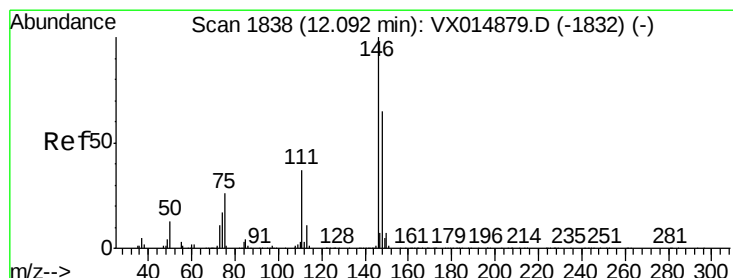
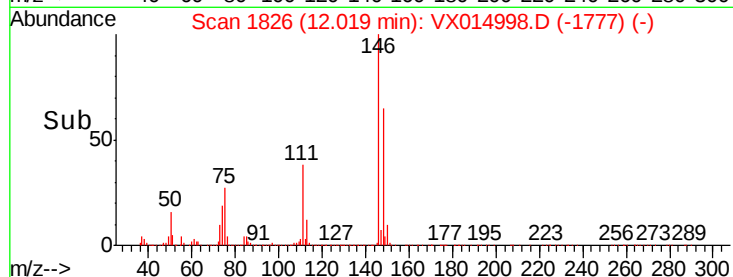
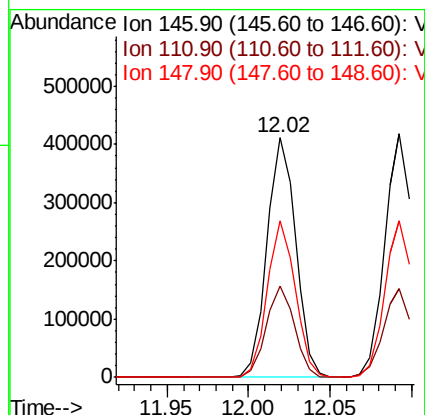
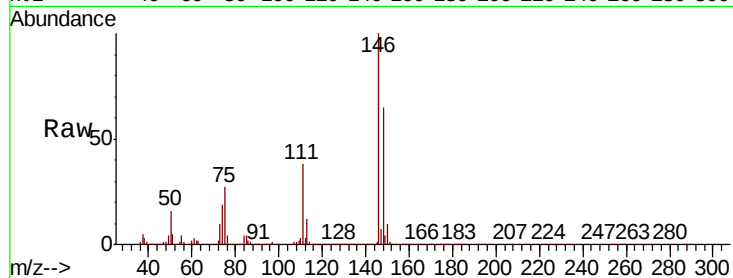




#87
 1,3-Dichlorobenzene
 Concen: 50.524 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

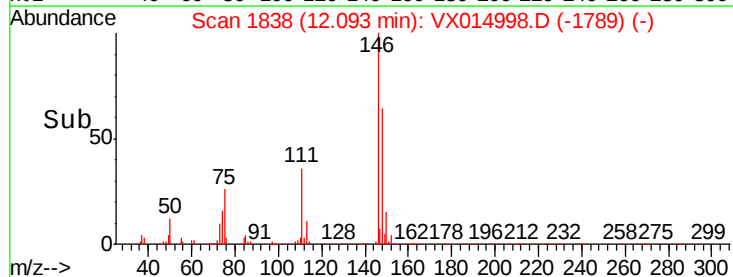
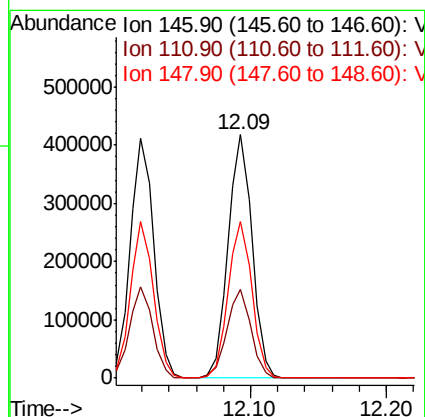
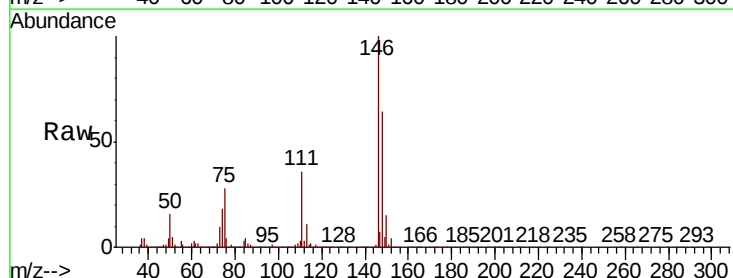
Instrument :
 MSVOA_X
 ClientSampleId :

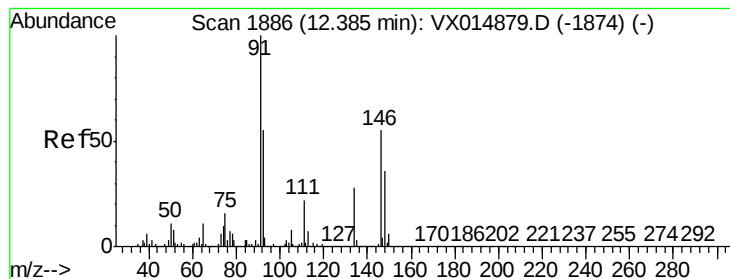
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	56.0
148	63.8	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.999 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.6
148	64.2	32.4	97.0





#89

n-Butylbenzene

Concen: 53.234 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampled :

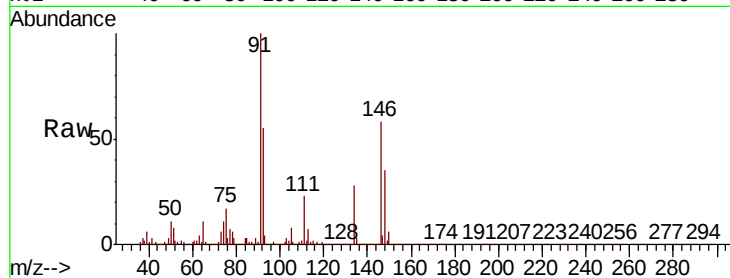
Tot Ion: 91 Resp: 872347

Ion Ratio Lower Upper

91 100

92 54.4 27.3 81.8

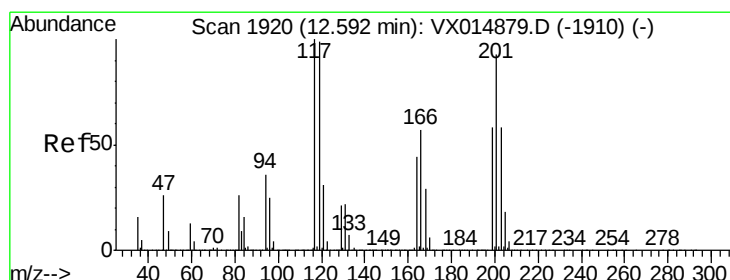
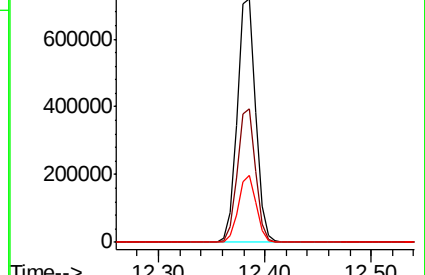
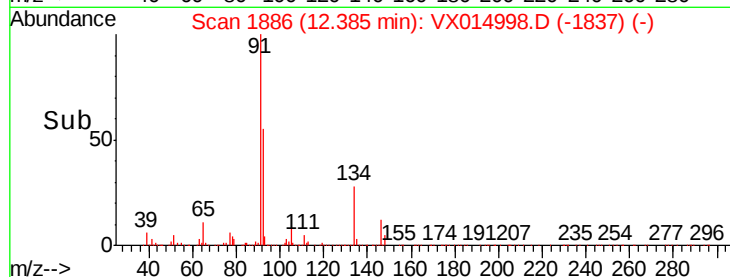
134 26.8 13.8 41.4



Abundance Ion 91.00 (90.70 to 91.70): VX014879.D (-1874) (-)

Ion 92.00 (91.70 to 92.70): VX014879.D (-1874) (-)

Ion 134.00 (133.70 to 134.70): VX014879.D (-1874) (-)



#90

Hexachloroethane

Concen: 54.597 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014998.D

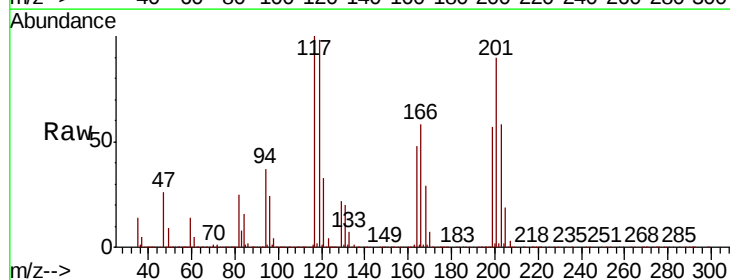
Acq: 24 Feb 2020 09:53

Tgt Ion: 117 Resp: 174455

Ion Ratio Lower Upper

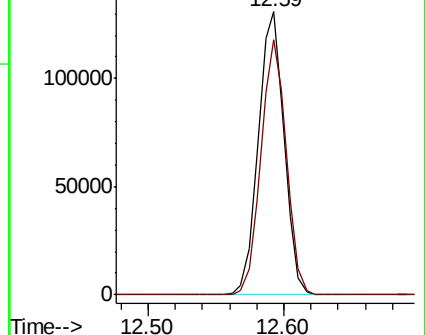
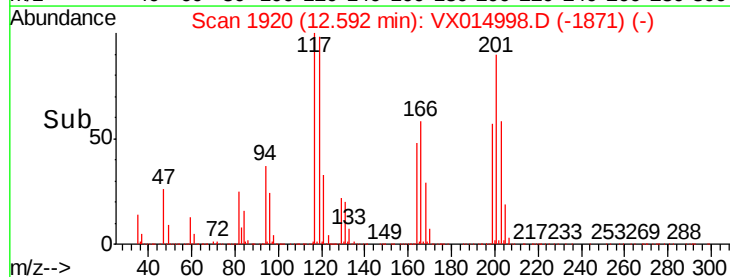
117 100

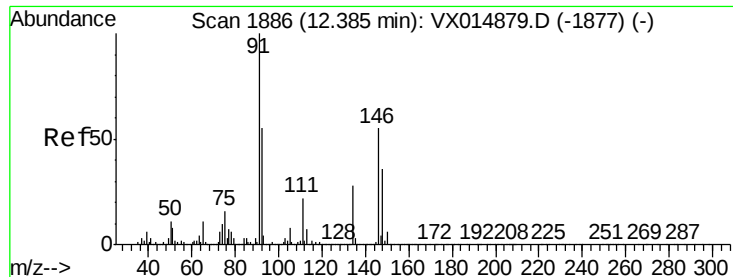
201 88.7 44.8 134.3



Abundance Ion 116.80 (116.50 to 117.50): VX014879.D (-1910) (-)

Ion 200.70 (200.40 to 201.40): VX014879.D (-1910) (-)





#91

1,2-Dichlorobenzene

Concen: 50.904 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

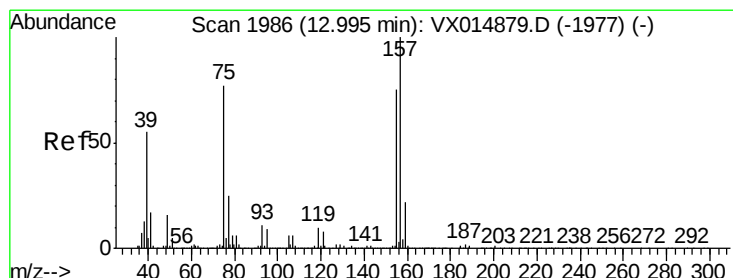
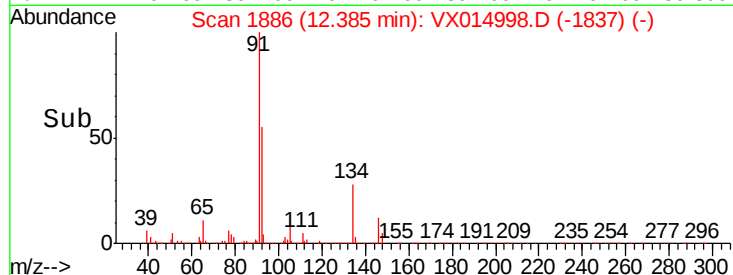
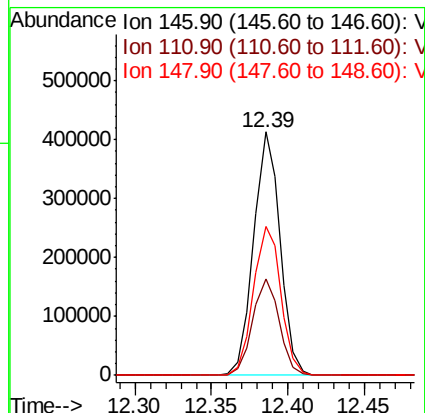
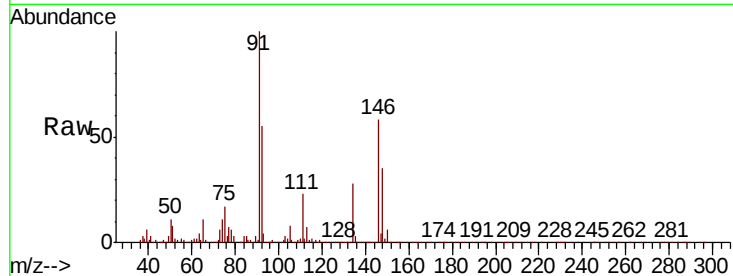
Tot Ion:146 Resp: 497223

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.3

148 63.6 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.008 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014998.D

Acq: 24 Feb 2020 09:53

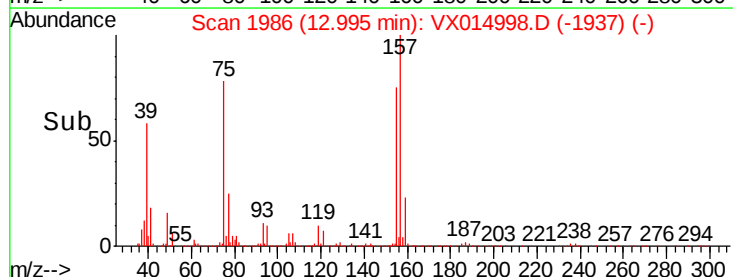
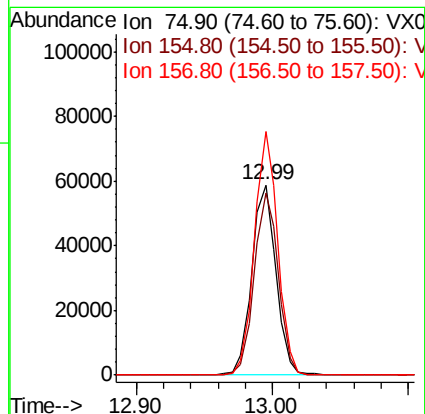
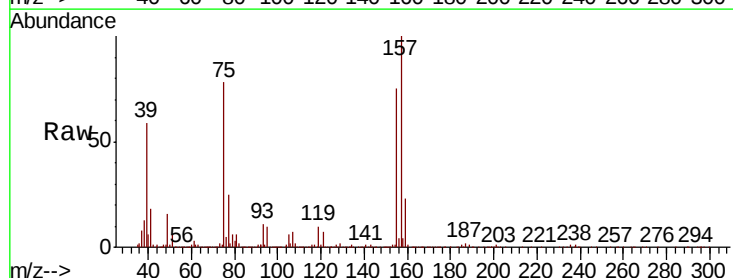
Tgt Ion: 75 Resp: 73238

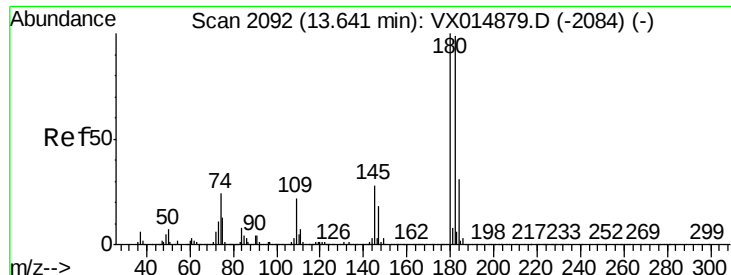
Ion Ratio Lower Upper

75 100

155 95.9 48.6 145.9

157 124.0 62.0 186.0

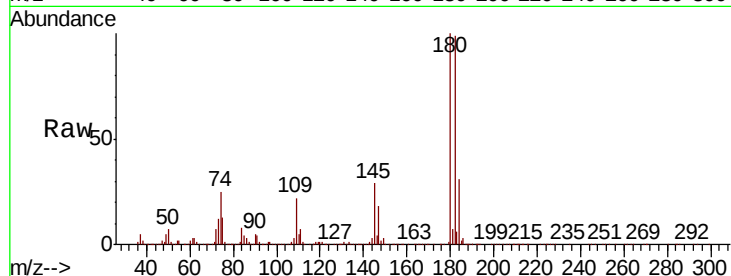




#93
 1,2,4-Trichlorobenzene
 Concen: 50.322 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.4	145.3
145	28.2	14.1	42.4

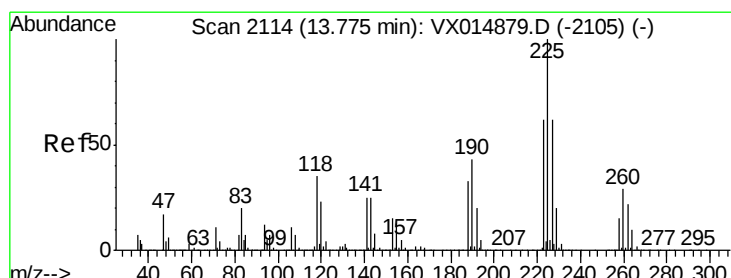
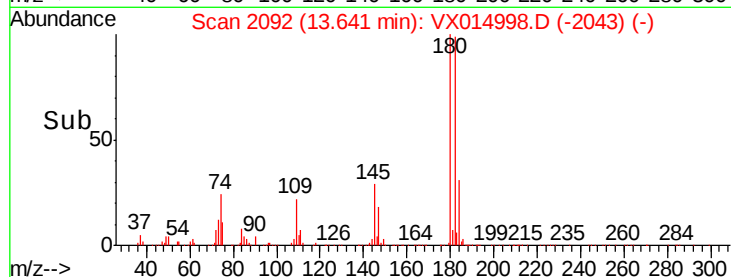
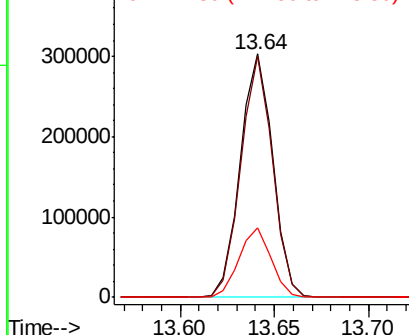


Abundance

Ion 179.80 (179.50 to 180.50): V

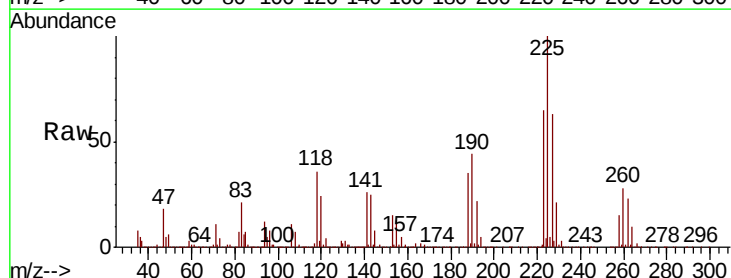
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.081 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014998.D
 Acq: 24 Feb 2020 09:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.2
227	63.1	30.9	92.5

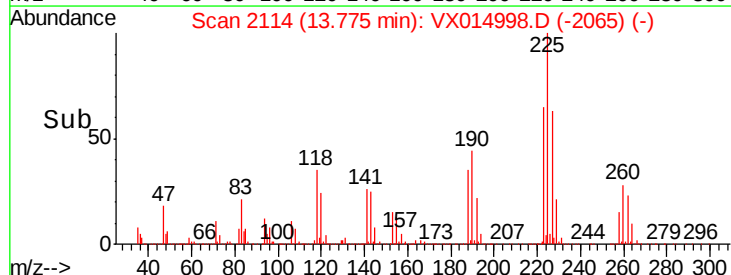
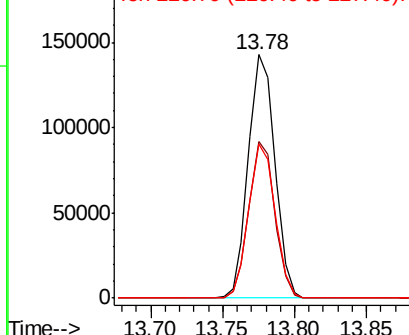


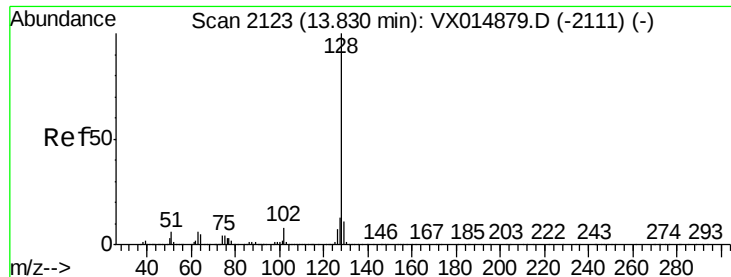
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

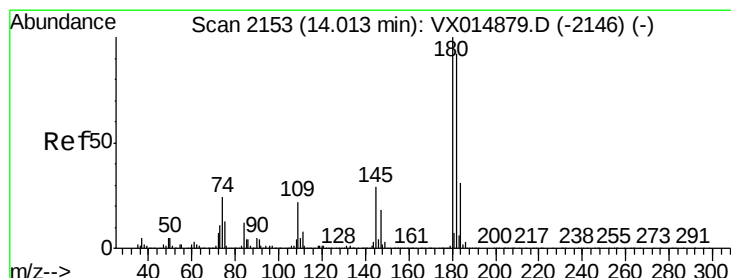
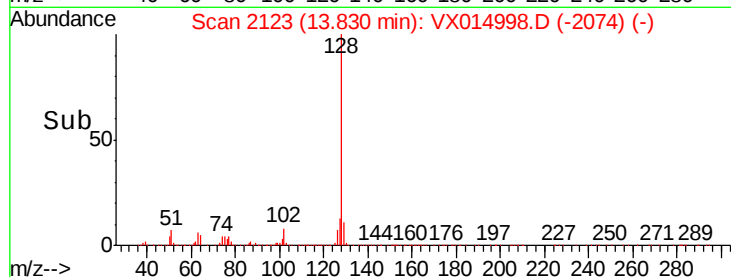
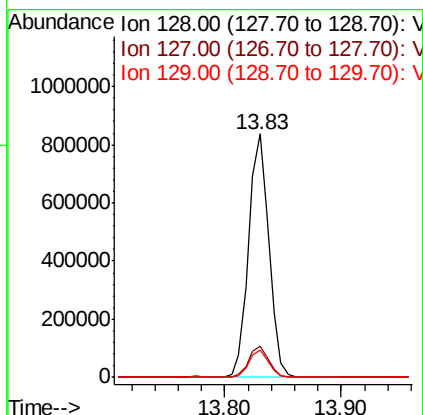
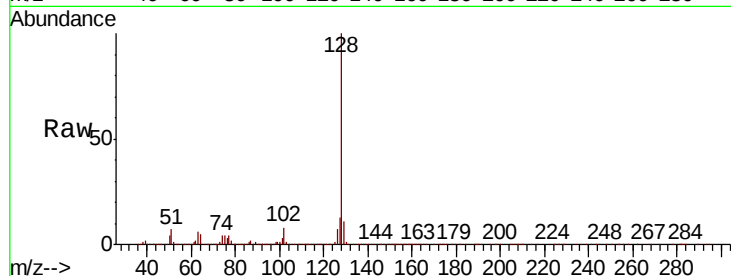




#95
Naphthalene
Concen: 53.222 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1020220
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.652 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014998.D
Acq: 24 Feb 2020 09:53

Tgt Ion:180 Resp: 359784
Ion Ratio Lower Upper
180 100
182 96.9 47.5 142.6
145 29.1 14.5 43.5

