

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021120\
 Data File : VX014910.D
 Acq On : 11 Feb 2020 12:46
 Operator : JC/SP
 Sample : VX0211WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 12 05:42:19 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	459295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	686407	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	635738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	249752	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.49	113	205967	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.71	98	795810	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	283135	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	86175	19.812	ug/l	98
3) Chloromethane	1.32	50	95653	19.397	ug/l	100
4) Vinyl Chloride	1.40	62	102926	19.375	ug/l	99
5) Bromomethane	1.64	94	64417	18.734	ug/l	99
6) Chloroethane	1.72	64	63498	18.681	ug/l	99
7) Trichlorofluoromethane	1.93	101	141183	19.022	ug/l	95
8) Diethyl Ether	2.18	74	57422	18.657	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79902	18.546	ug/l	99
10) Methyl Iodide	2.51	142	85243	20.566	ug/l	99
11) Tert butyl alcohol	3.02	59	91374	99.838	ug/l	98
12) 1,1-Dichloroethene	2.37	96	78786	18.715	ug/l	98
13) Acrolein	2.28	56	58821	84.326	ug/l	94
14) Allyl chloride	2.72	41	134585	18.031	ug/l	99
15) Acrylonitrile	3.13	53	223179	96.191	ug/l	100
16) Acetone	2.43	43	221602	71.796	ug/l	100
17) Carbon Disulfide	2.56	76	210410	17.888	ug/l	99
18) Methyl Acetate	2.76	43	100744	19.298	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	260931	19.045	ug/l	100
20) Methylene Chloride	2.85	84	90583	18.166	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	84206	18.127	ug/l	100
22) Diisopropyl ether	3.84	45	274026	19.222	ug/l	98
23) Vinyl Acetate	3.80	43	1178492	100.283	ug/l	100
24) 1,1-Dichloroethane	3.69	63	149984	18.642	ug/l	98
25) 2-Butanone	4.65	43	320667	90.868	ug/l	99
26) 2,2-Dichloropropane	4.58	77	125080	18.040	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	96272	18.540	ug/l	100
28) Bromochloromethane	5.00	49	62751	20.122	ug/l	100
29) Tetrahydrofuran	5.11	42	200234	99.814	ug/l	99
30) Chloroform	5.20	83	153087	19.178	ug/l	96
31) Cyclohexane	5.58	56	137524	18.767	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	132208	18.934	ug/l	99
36) 1,1-Dichloropropene	5.79	75	115608	18.828	ug/l	99
37) Ethyl Acetate	4.82	43	125263	19.560	ug/l	100
38) Carbon Tetrachloride	5.78	117	112355	18.777	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	141715	18.455	ug/l	99
40) Benzene	6.14	78	347550	18.945	ug/l	100
41) Methacrylonitrile	5.03	41	65559	19.003	ug/l	96
42) 1,2-Dichloroethane	6.19	62	122057	18.408	ug/l	99
43) Isopropyl Acetate	6.44	43	204439	19.352	ug/l	99
44) Trichloroethene	7.21	130	100131	18.801	ug/l	96
45) 1,2-Dichloropropane	7.51	63	86398	18.466	ug/l	96
46) Dibromomethane	7.65	93	59130	18.489	ug/l	99
47) Bromodichloromethane	7.89	83	117316	18.501	ug/l	95
48) Methyl methacrylate	7.76	41	97504	18.754	ug/l	98
49) 1,4-Dioxane	7.73	88	39260	403.885	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	628102	98.465	ug/l	100
52) Toluene	8.78	92	219519	18.840	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	127297	18.317	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	139586	18.182	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	89709	19.029	ug/l	99
56) Ethyl methacrylate	9.17	69	137148	19.355	ug/l	100
57) 1,3-Dichloropropane	9.37	76	151676	19.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	349230	94.240	ug/l	100
59) 2-Hexanone	9.48	43	479946	95.722	ug/l	99
60) Dibromochloromethane	9.57	129	92021	18.139	ug/l	96
61) 1,2-Dibromoethane	9.67	107	97457	19.160	ug/l	99
64) Tetrachloroethene	9.33	164	101151	17.018	ug/l	97
65) Chlorobenzene	10.14	112	239135	18.546	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	88792	18.968	ug/l	98
67) Ethyl Benzene	10.25	91	421822	19.235	ug/l	100
68) m/p-Xylenes	10.36	106	317463	37.579	ug/l	100
69) o-Xylene	10.70	106	153223	18.868	ug/l	100
70) Styrene	10.71	104	261723	19.051	ug/l	100
71) Bromoform	10.85	173	71265	18.238	ug/l #	100
73) Isopropylbenzene	11.01	105	412262	19.326	ug/l	99
74) N-amyl acetate	10.89	43	169339	19.105	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132166	18.953	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	153704	24.987	ug/l	90
77) Bromobenzene	11.25	156	113258	19.022	ug/l	97
78) n-propylbenzene	11.35	91	465453	18.865	ug/l	99
79) 2-Chlorotoluene	11.42	91	273837	18.879	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	345124	19.362	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42207	17.563	ug/l	96
82) 4-Chlorotoluene	11.51	91	321739	18.730	ug/l	100
83) tert-Butylbenzene	11.76	119	338203	20.037	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	350220	19.497	ug/l	99
85) sec-Butylbenzene	11.94	105	405372	19.332	ug/l	99
86) p-Isopropyltoluene	12.06	119	373220	19.020	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	198400	18.574	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	198657	18.212	ug/l	99
89) n-Butylbenzene	12.39	91	327768	18.651	ug/l	100
90) Hexachloroethane	12.59	117	61286	17.885	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	194090	18.529	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28696	17.540	ug/l	98

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Quant Title : SW846 8260
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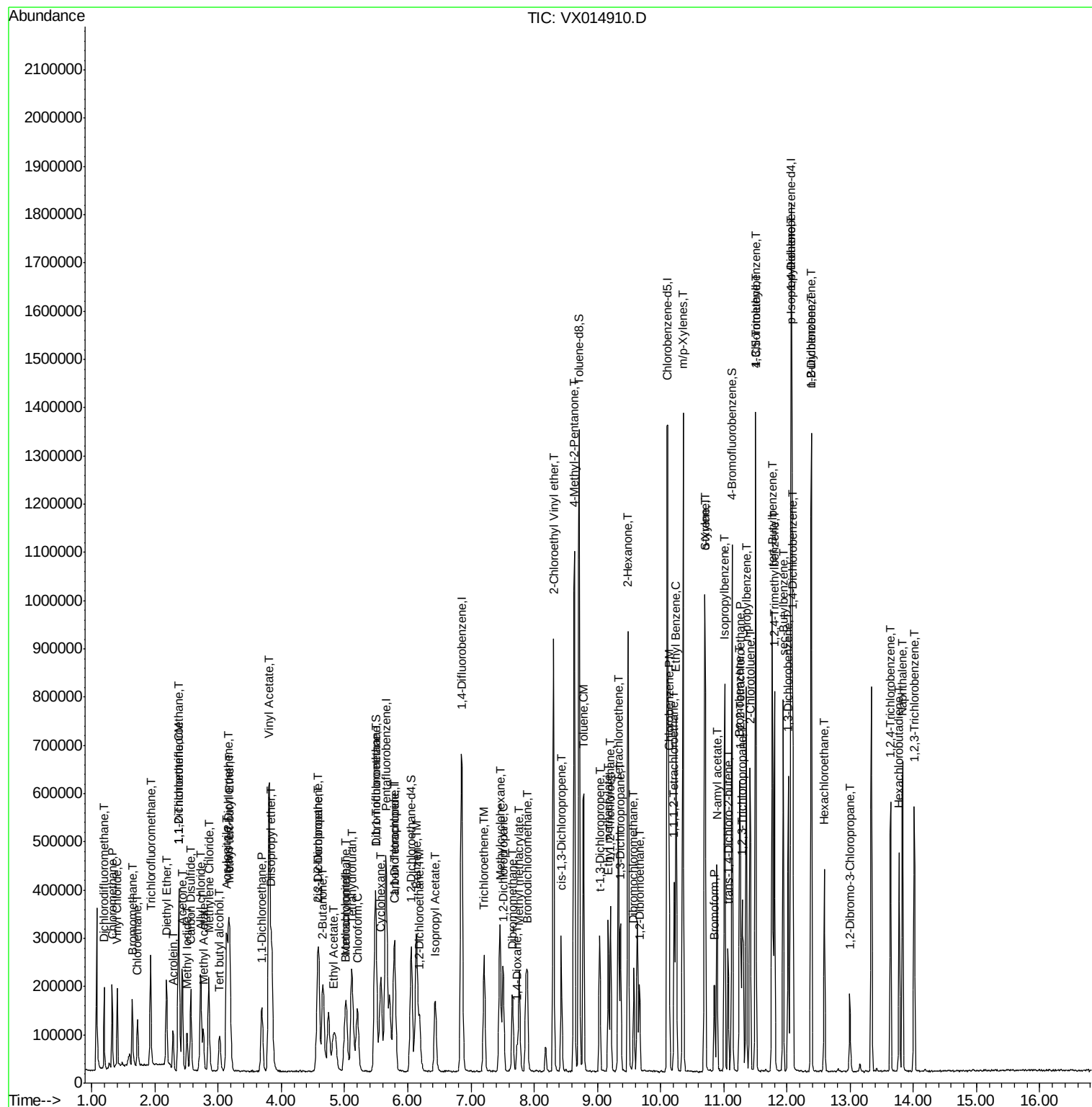
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139849	18.088	ug/l	99
94) Hexachlorobutadiene	13.78	225	68629	18.352	ug/l	96
95) Naphthalene	13.83	128	410683	19.977	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140057	18.749	ug/l	99

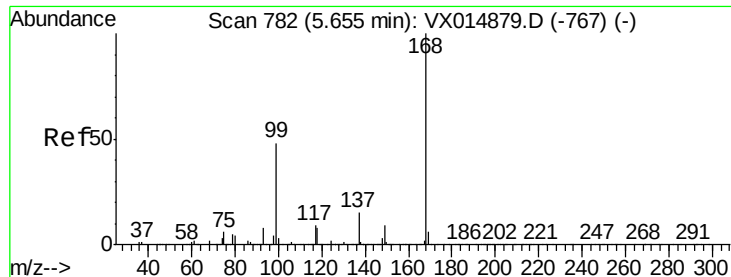
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

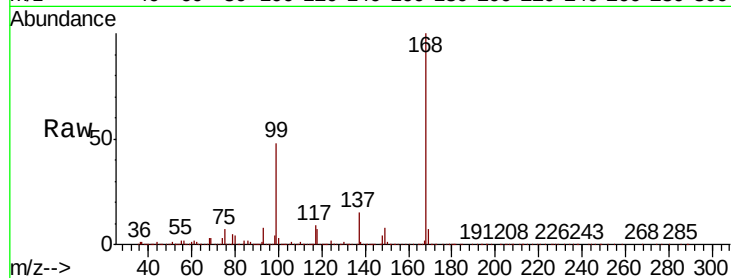
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 459295

Ion Ratio Lower Upper

168 100

99 47.4 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

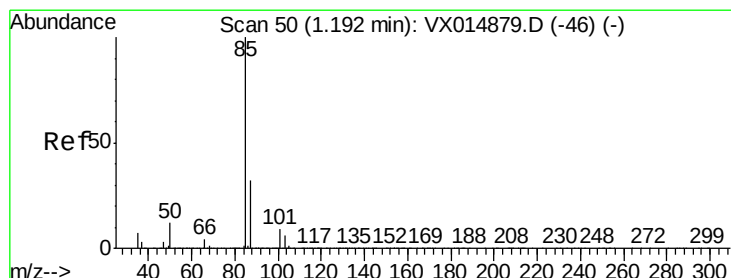
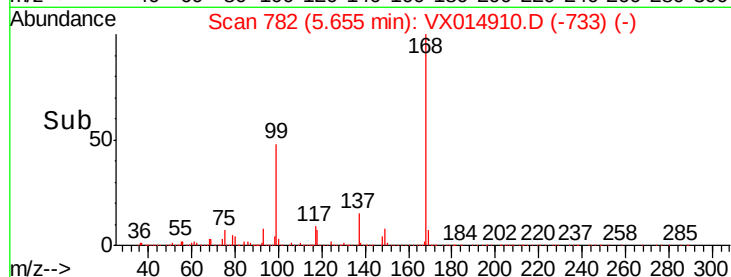
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.812 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014910.D

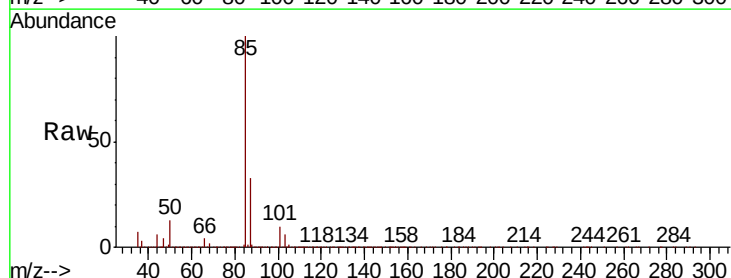
Acq: 11 Feb 2020 12:46

Tgt Ion: 85 Resp: 86175

Ion Ratio Lower Upper

85 100

87 33.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

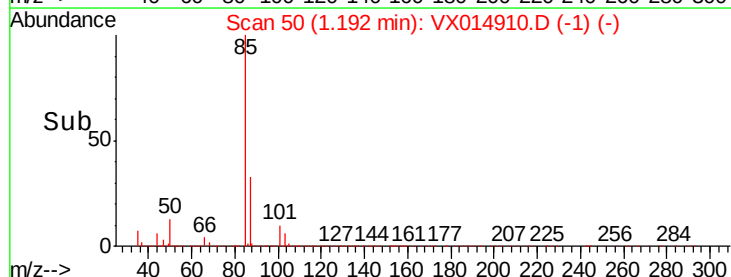
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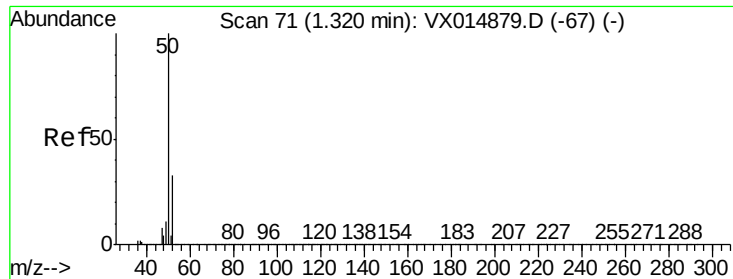
20000

0

1.15 1.20 1.25

Time-->

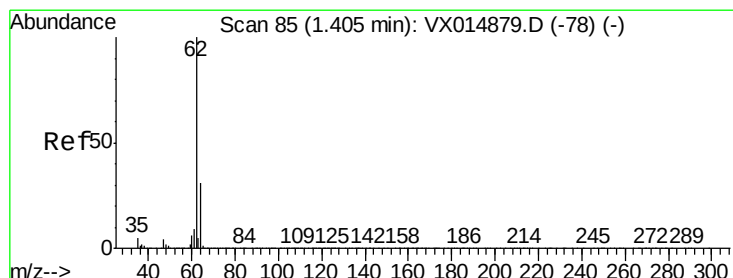
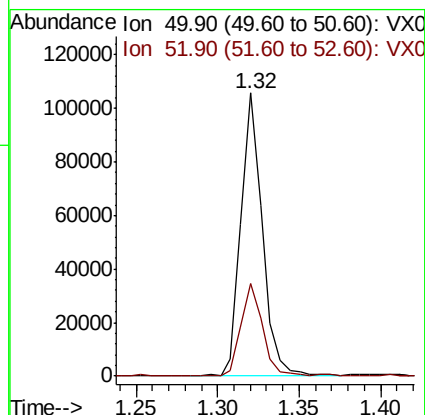
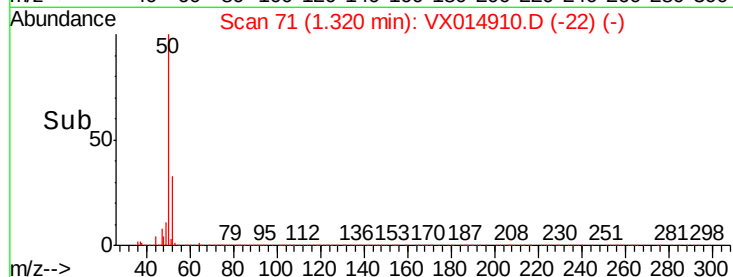
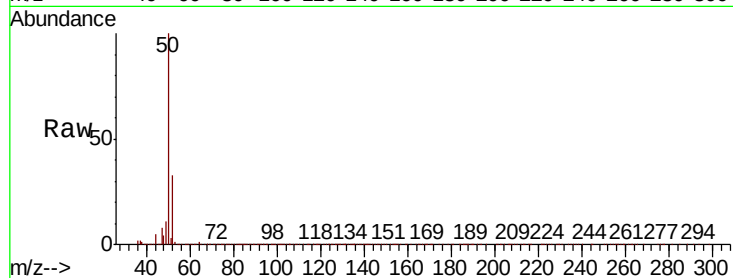




#3
Chloromethane
Concen: 19.397 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

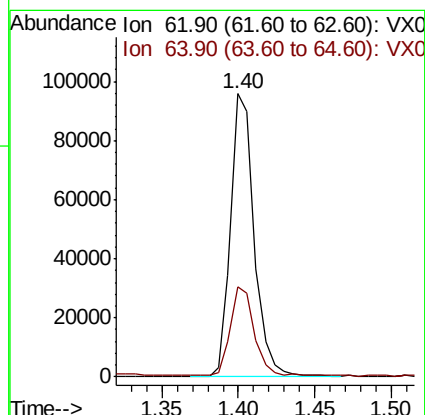
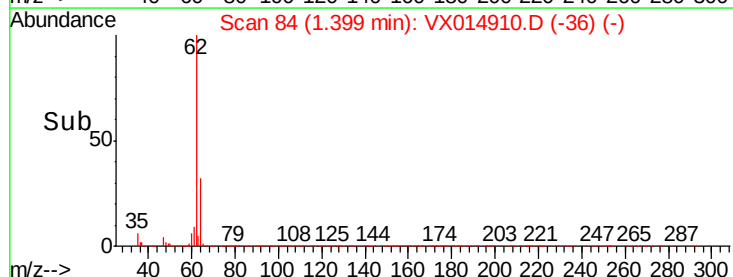
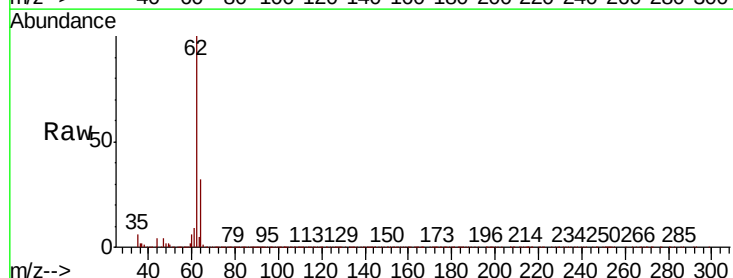
Instrument :
MSVOA_X
ClientSampleId :

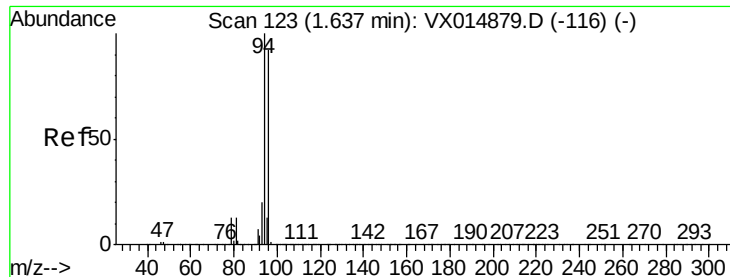
Tot Ion: 50 Resp: 95653
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 19.375 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion: 62 Resp: 102926
Ion Ratio Lower Upper
62 100
64 31.5 24.8 37.2





#5

Bromomethane

Concen: 18.734 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

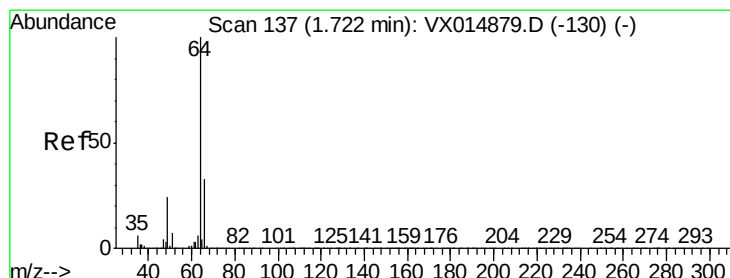
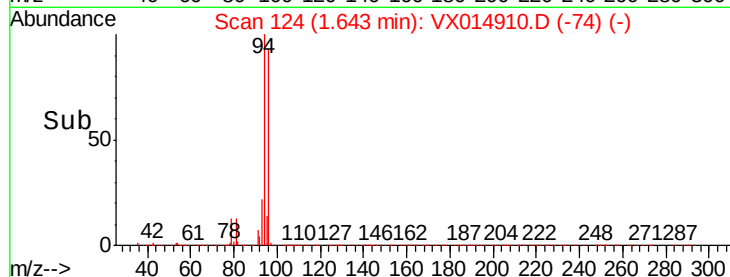
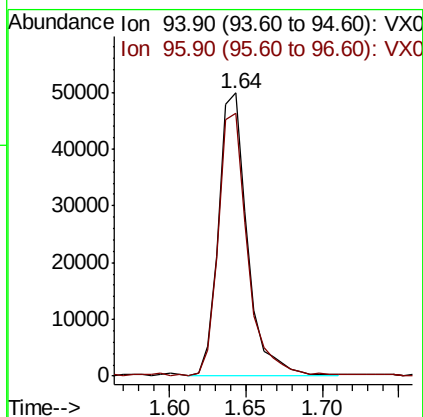
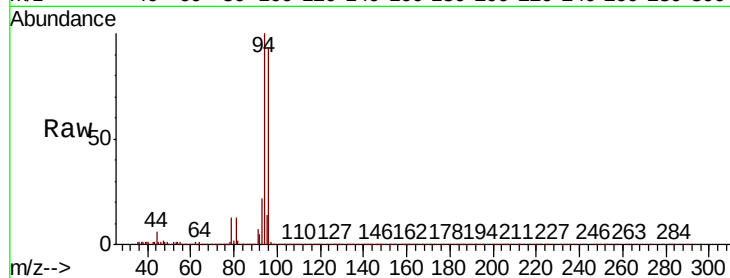
ClientSampleId :

Tot Ion: 94 Resp: 64417

Ion Ratio Lower Upper

94 100

96 92.9 73.7 110.5



#6

Chloroethane

Concen: 18.681 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014910.D

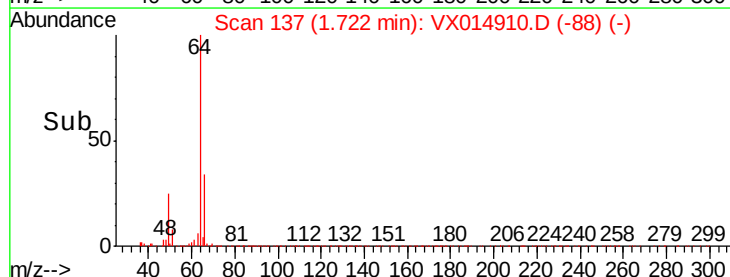
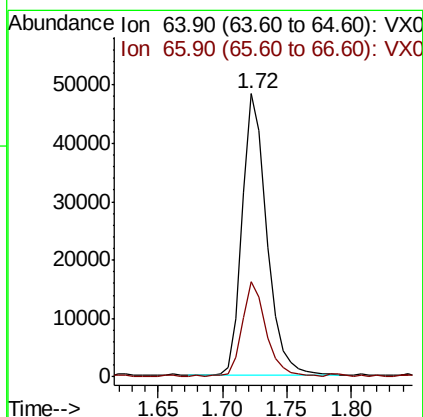
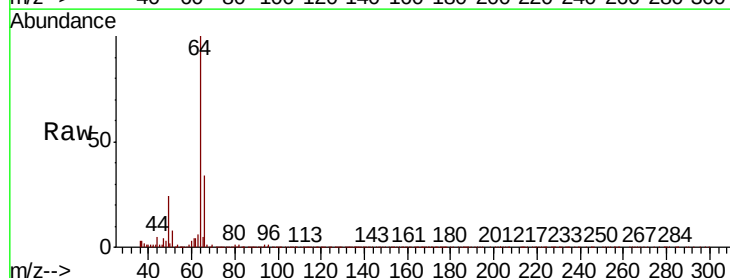
Acq: 11 Feb 2020 12:46

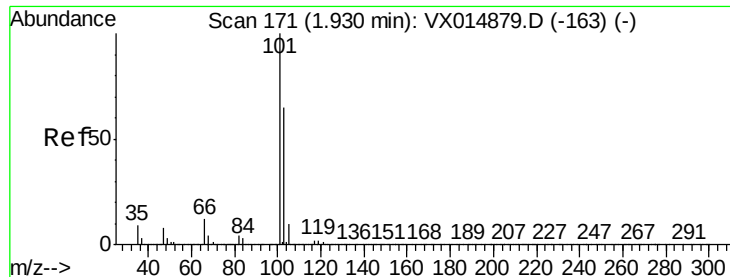
Tgt Ion: 64 Resp: 63498

Ion Ratio Lower Upper

64 100

66 33.5 26.2 39.4



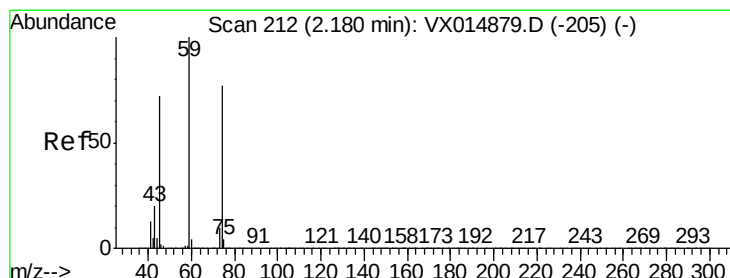
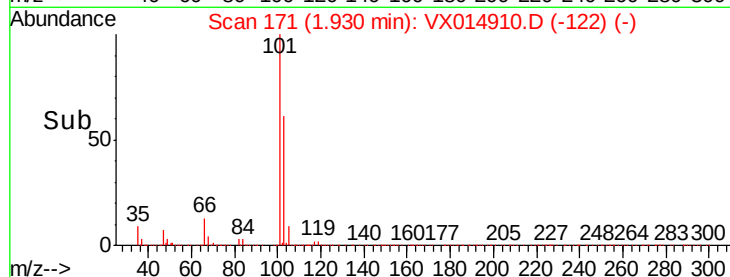
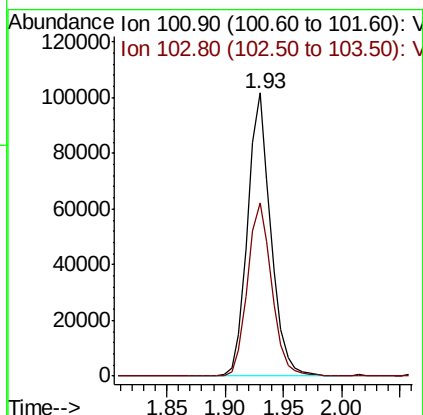
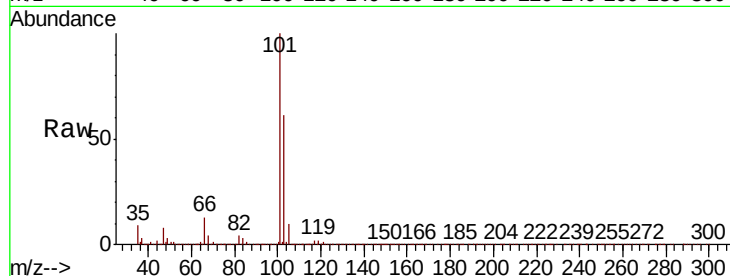


#7

Trichlorofluoromethane
Concen: 19.022 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampled :

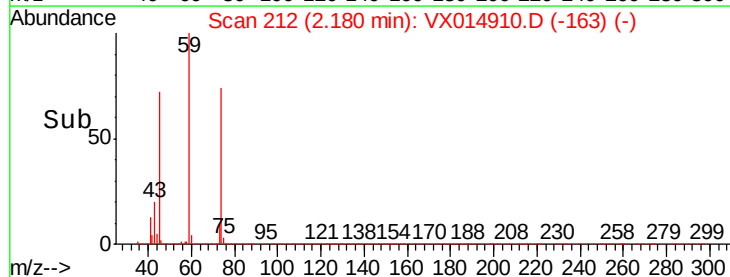
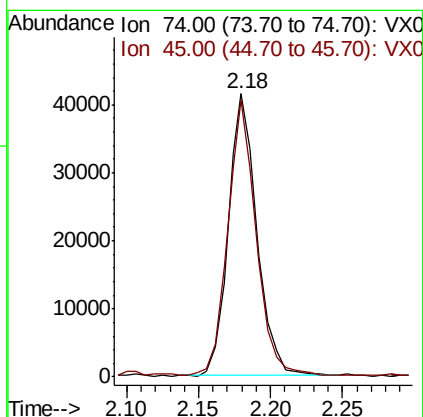
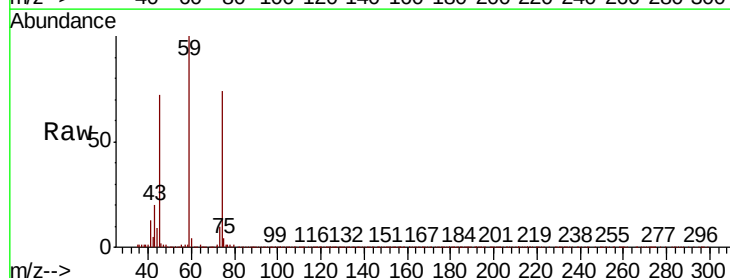
Tot Ion:101 Resp: 141183
Ion Ratio Lower Upper
101 100
103 61.0 52.2 78.4

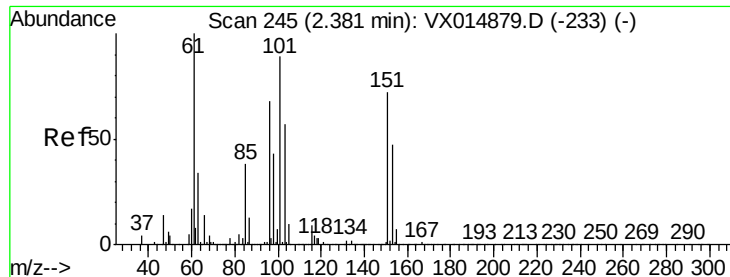


#8

Diethyl Ether
Concen: 18.657 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion: 74 Resp: 57422
Ion Ratio Lower Upper
74 100
45 98.2 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.546 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

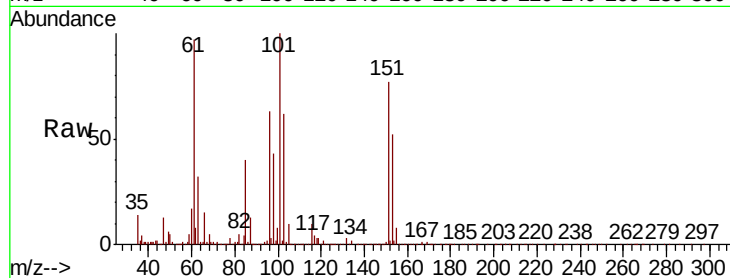
Tot Ion:101 Resp: 79902

Ion Ratio Lower Upper

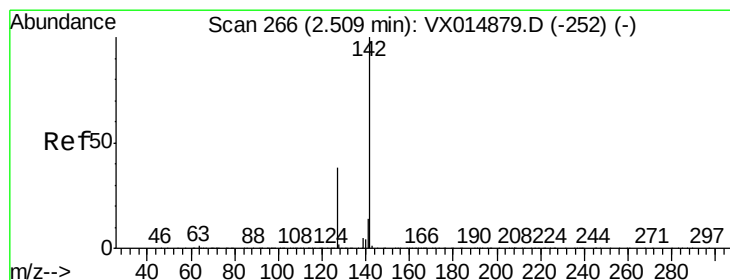
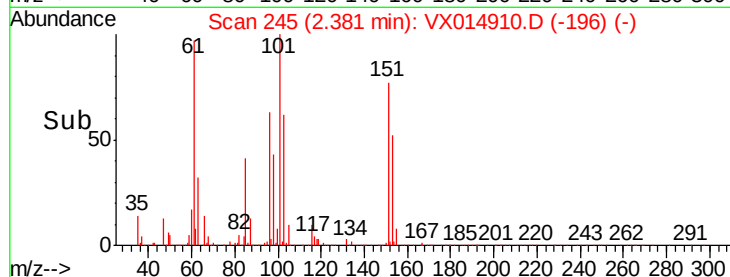
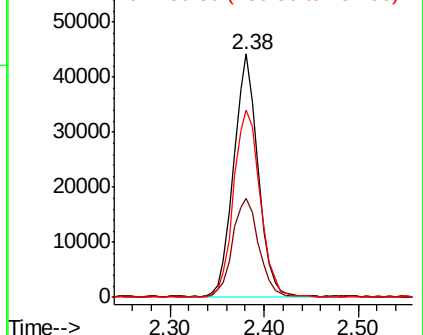
101 100

85 43.4 34.1 51.1

151 83.5 67.3 100.9



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



#10

Methyl Iodide

Concen: 20.566 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

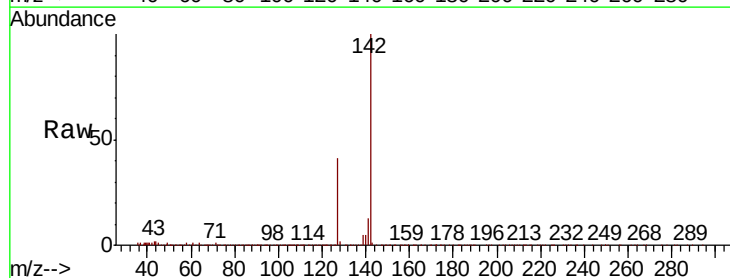
Tgt Ion:142 Resp: 85243

Ion Ratio Lower Upper

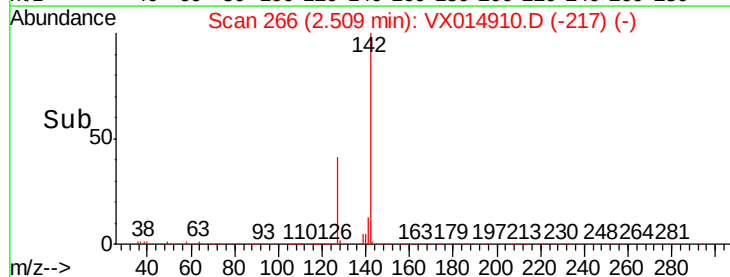
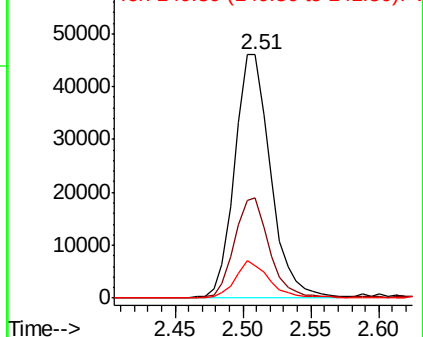
142 100

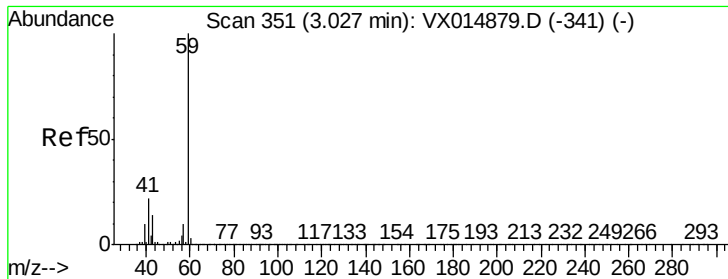
127 39.3 31.1 46.7

141 14.5 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

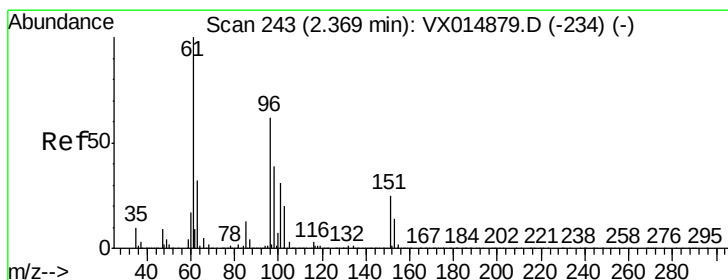
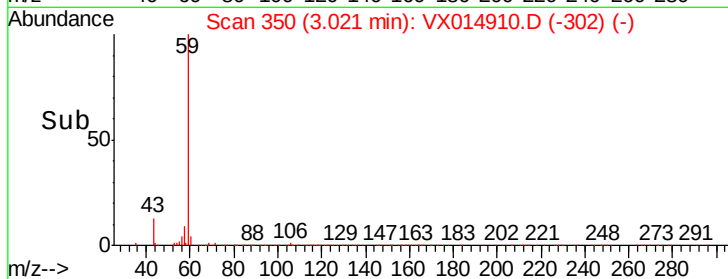
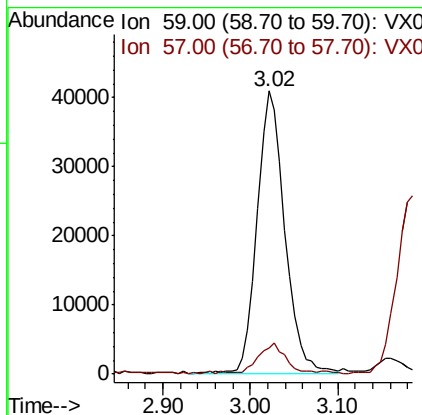
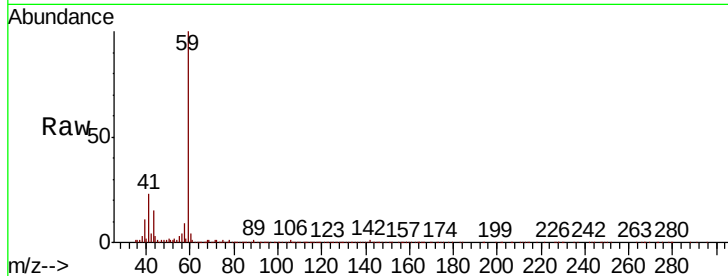




#11
Tert butyl alcohol
Concen: 99.838 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

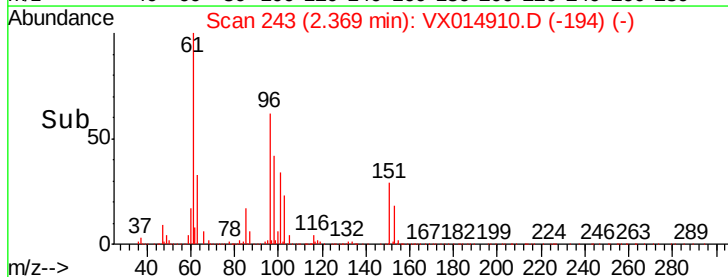
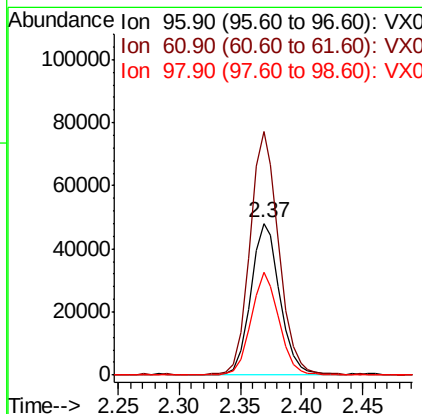
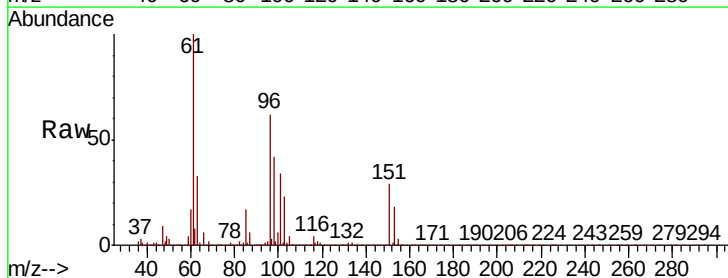
Instrument :
MSVOA_X
ClientSampleId :

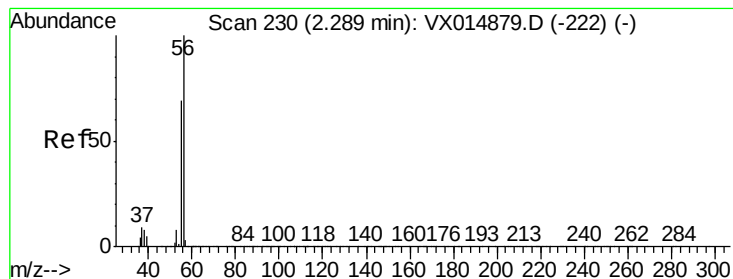
Tot Ion: 59 Resp: 91374
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.715 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion: 96 Resp: 78786
Ion Ratio Lower Upper
96 100
61 160.7 129.5 194.3
98 68.2 50.6 76.0





#13

Acrolein

Concen: 84.326 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

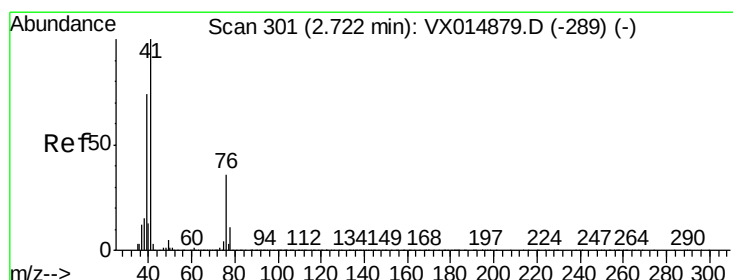
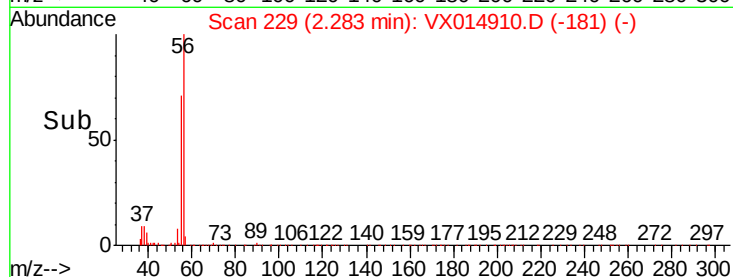
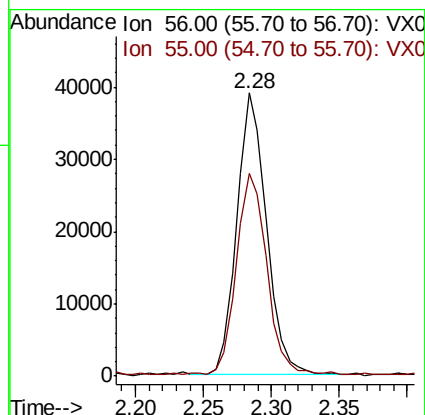
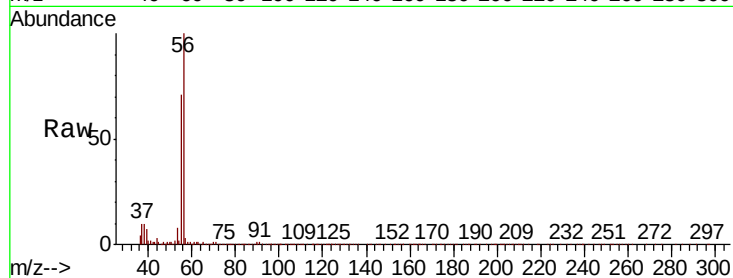
ClientSampleId :

Tot Ion: 56 Resp: 58821

Ion Ratio Lower Upper

56 100

55 73.7 55.0 82.4



#14

Allyl chloride

Concen: 18.031 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

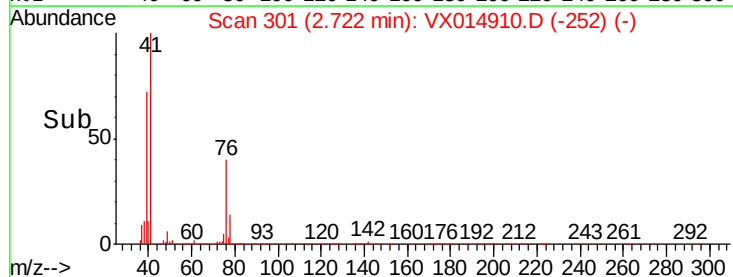
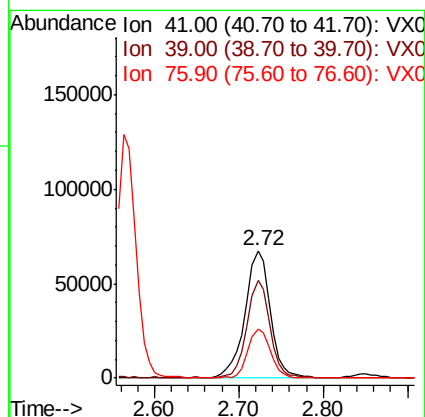
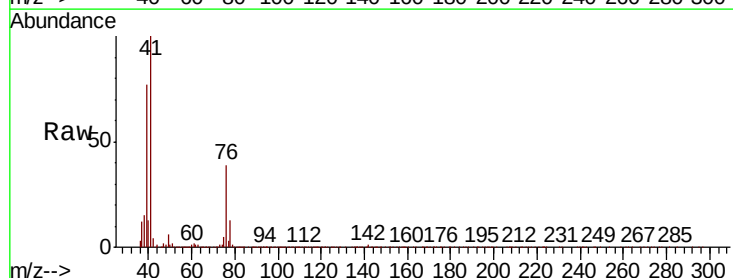
Tgt Ion: 41 Resp: 134585

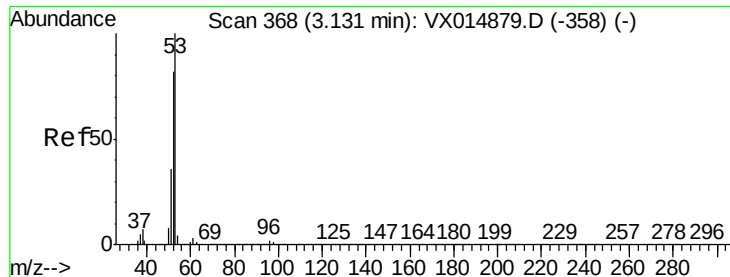
Ion Ratio Lower Upper

41 100

39 69.2 55.2 82.8

76 34.2 26.8 40.2





#15

Acrylonitrile

Concen: 96.191 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampled :

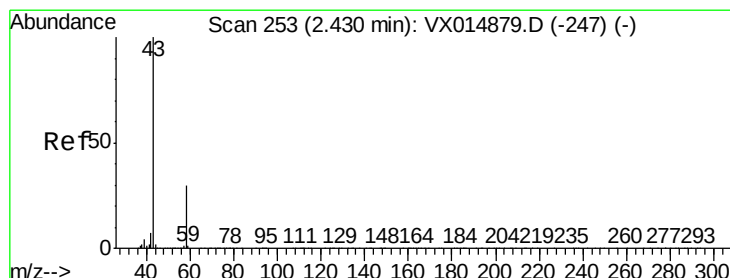
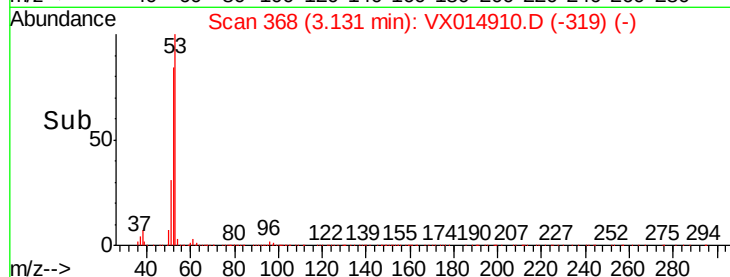
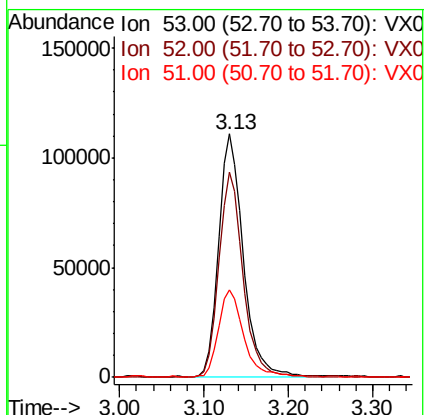
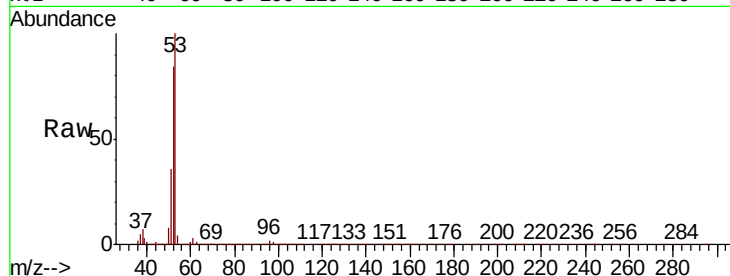
Tot Ion: 53 Resp: 223179

Ion Ratio Lower Upper

53 100

52 82.6 65.8 98.6

51 36.7 29.1 43.7



#16

Acetone

Concen: 71.796 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014910.D

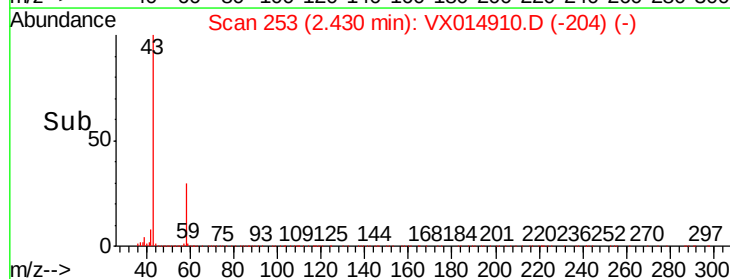
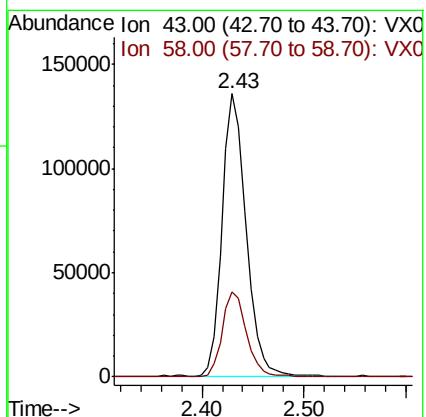
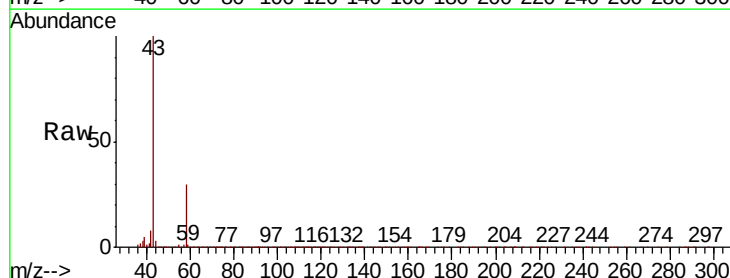
Acq: 11 Feb 2020 12:46

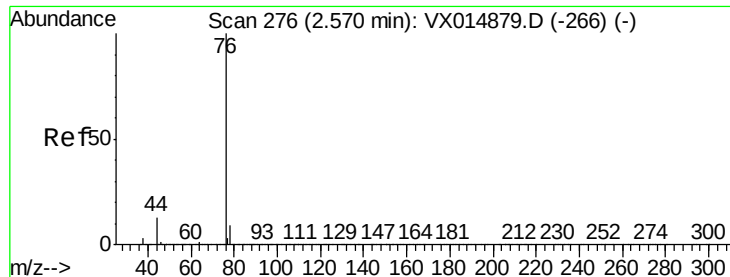
Tgt Ion: 43 Resp: 221602

Ion Ratio Lower Upper

43 100

58 30.3 24.1 36.1





#17

Carbon Disulfide

Concen: 17.888 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

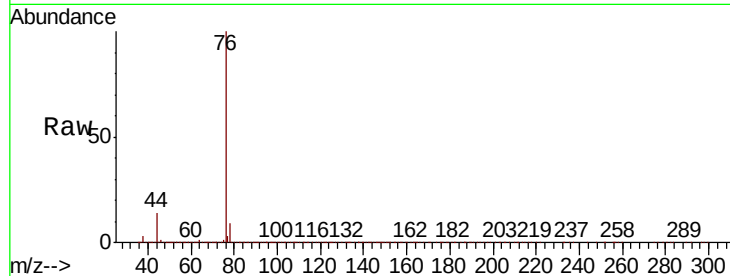
ClientSampleId :

Tot Ion: 76 Resp: 210410

Ion Ratio Lower Upper

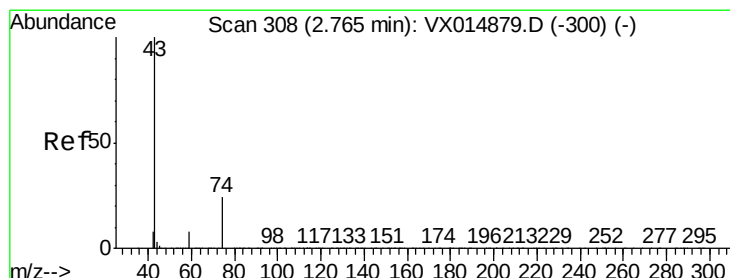
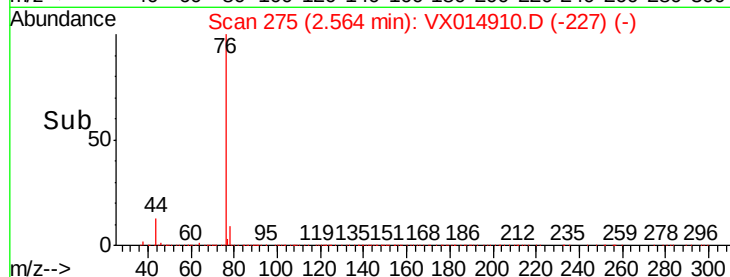
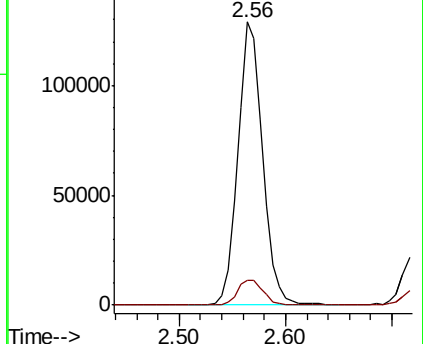
76 100

78 8.9 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: 19.298 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014910.D

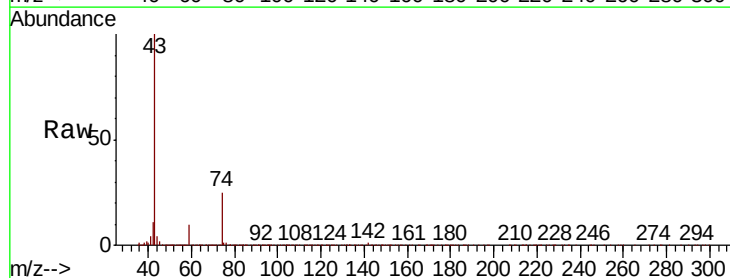
Acq: 11 Feb 2020 12:46

Tgt Ion: 43 Resp: 100744

Ion Ratio Lower Upper

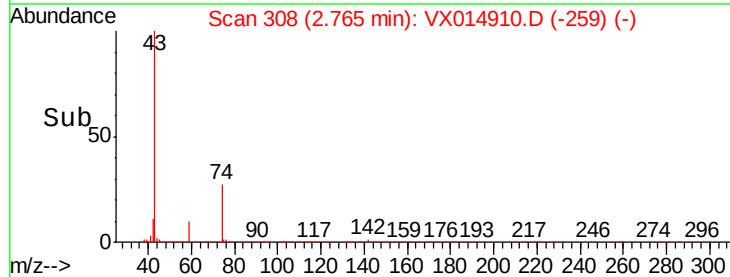
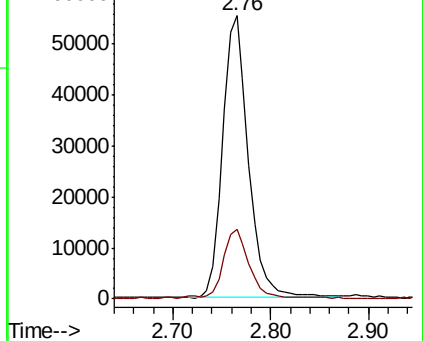
43 100

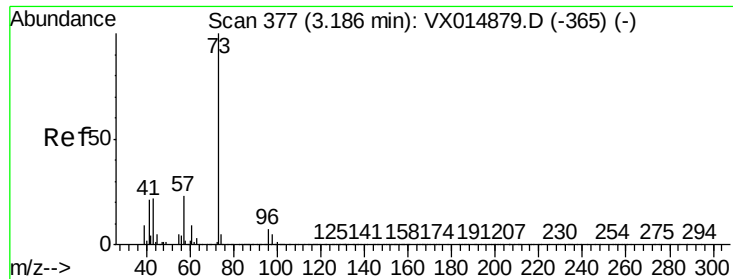
74 23.6 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

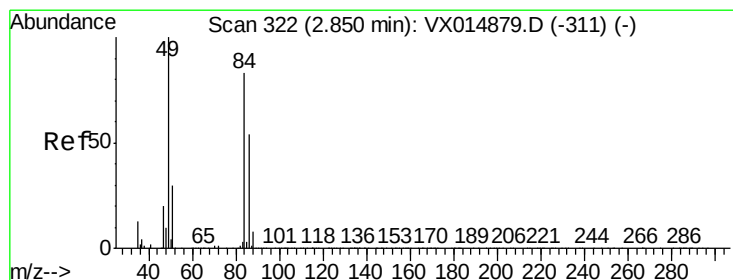
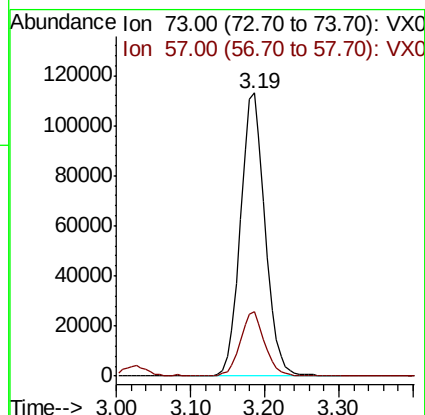
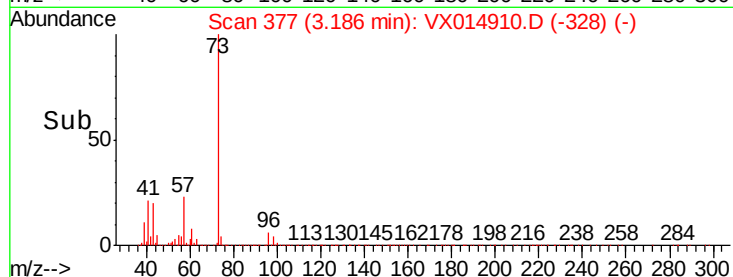
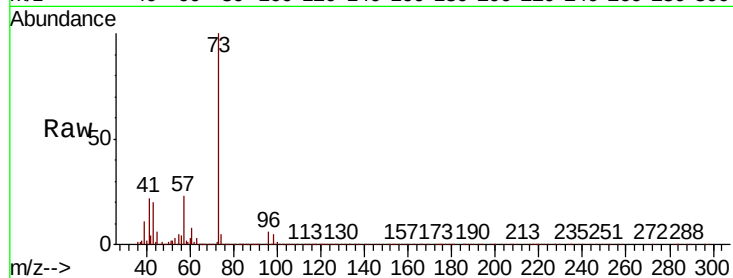




#19
Methyl tert-butyl Ether
Concen: 19.045 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

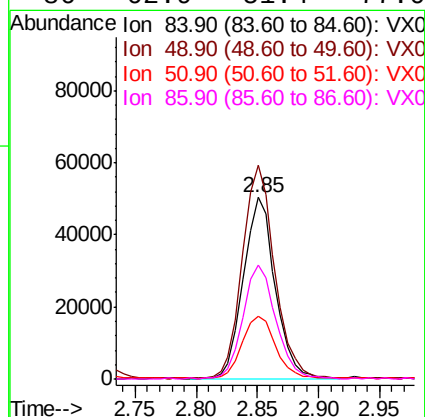
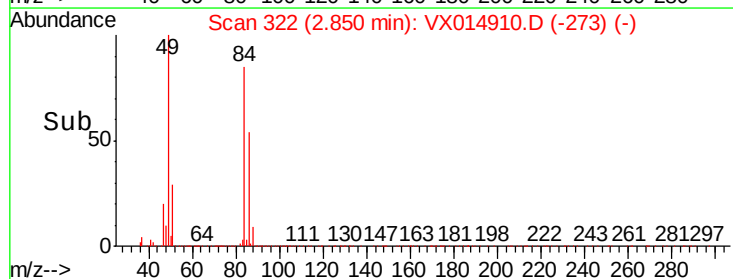
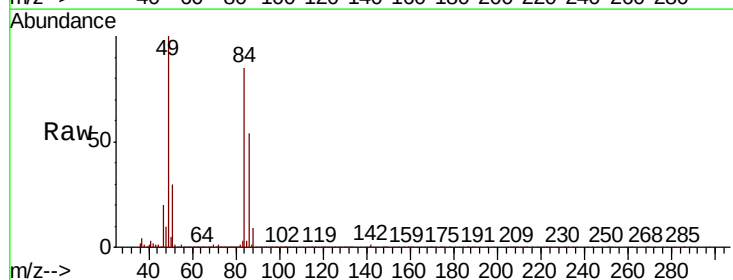
Instrument :
MSVOA_X
ClientSampleId :

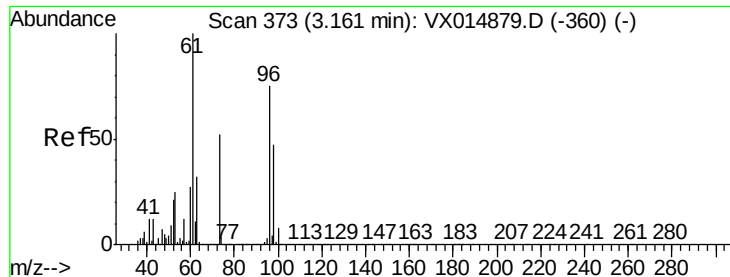
Tot Ion: 73 Resp: 260931
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.4



#20
Methylene Chloride
Concen: 18.166 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion: 84 Resp: 90583
Ion Ratio Lower Upper
84 100
49 117.4 95.6 143.4
51 34.2 29.0 43.6
86 62.9 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.127 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :

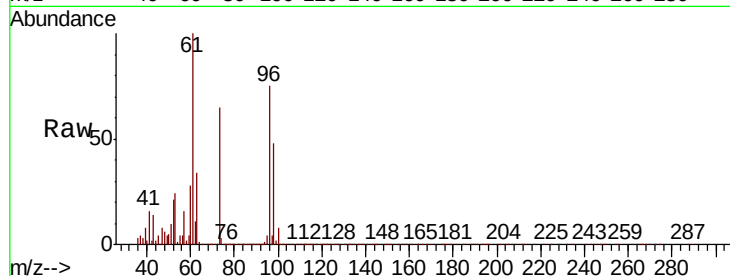
Tot Ion: 96 Resp: 84206

Ion Ratio Lower Upper

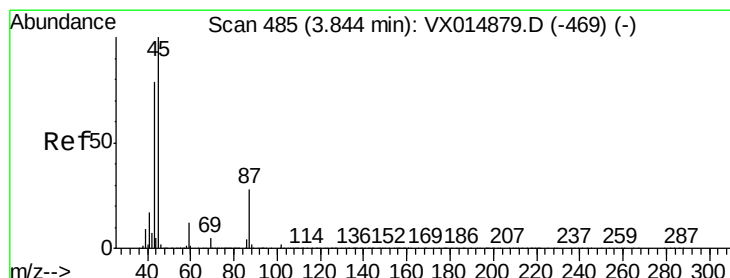
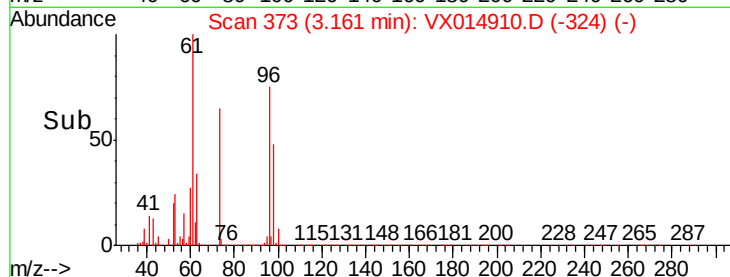
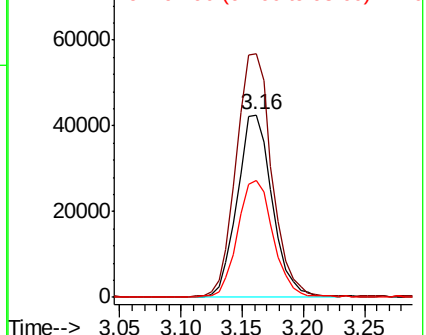
96 100

61 133.4 106.9 160.3

98 64.0 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.222 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Tgt Ion: 45 Resp: 274026

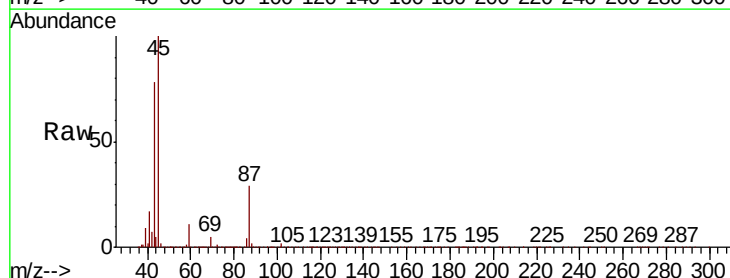
Ion Ratio Lower Upper

45 100

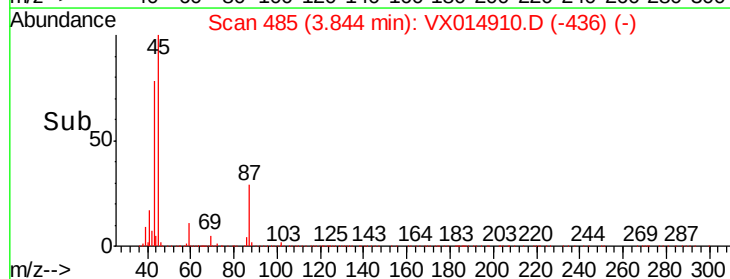
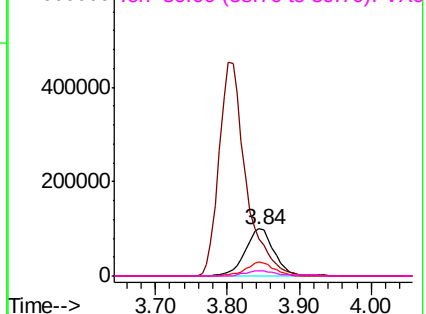
43 77.4 63.5 95.3

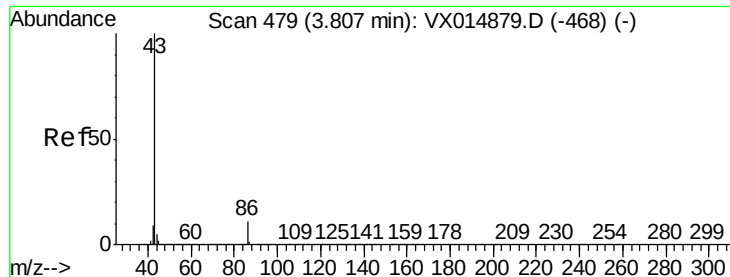
87 29.2 22.2 33.4

59 11.3 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.283 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

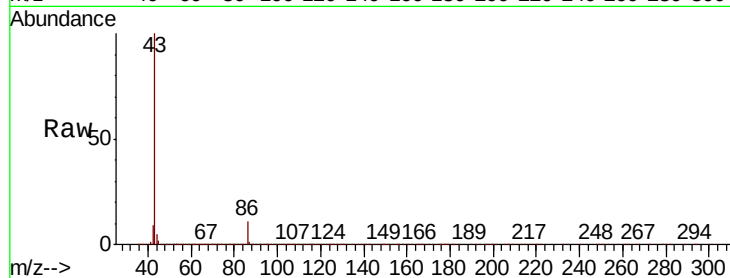
ClientSampled :

Tot Ion: 43 Resp: 1178492

Ion Ratio Lower Upper

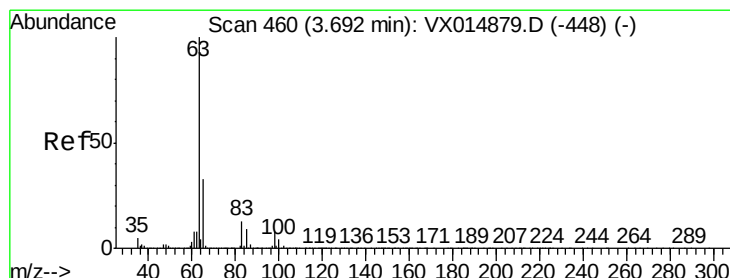
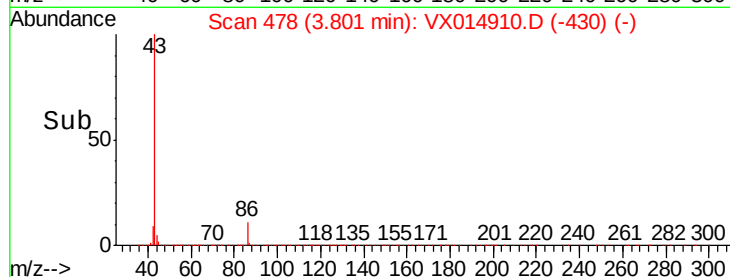
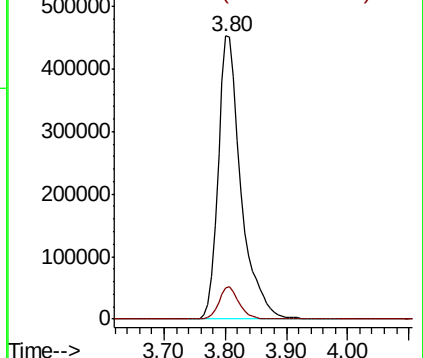
43 100

86 11.1 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: 18.642 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

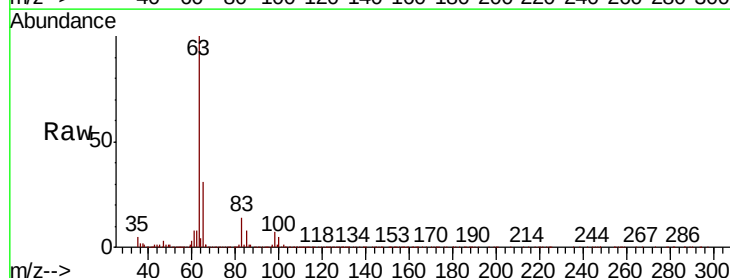
Tgt Ion: 63 Resp: 149984

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

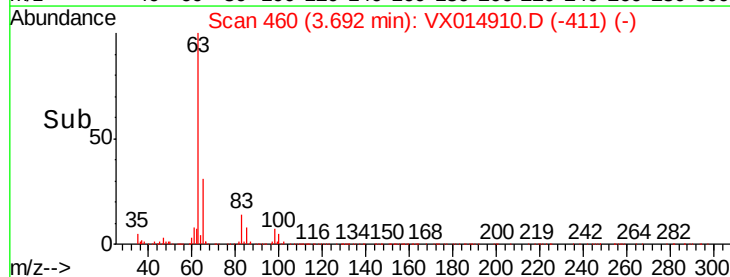
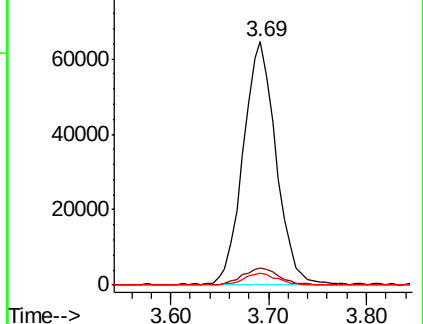
100 4.9 2.2 6.6

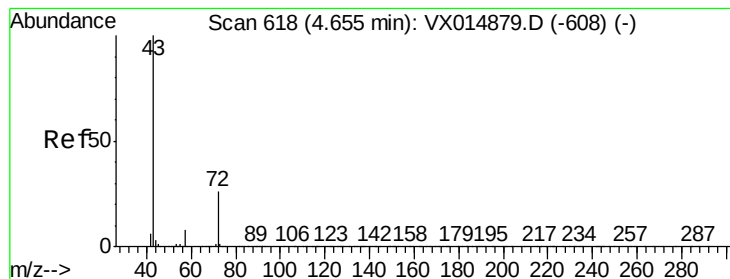


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 90.868 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

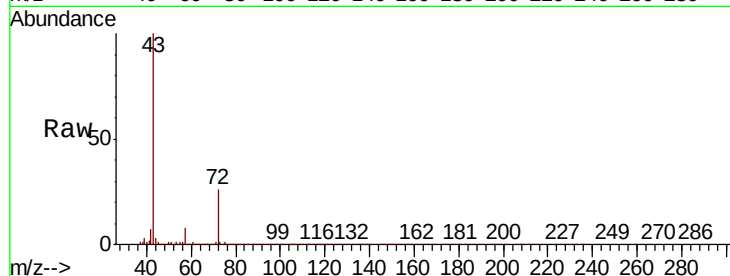
ClientSampleId :

Tot Ion: 43 Resp: 320667

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

40000

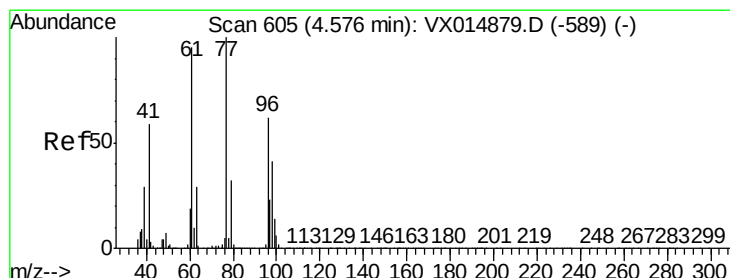
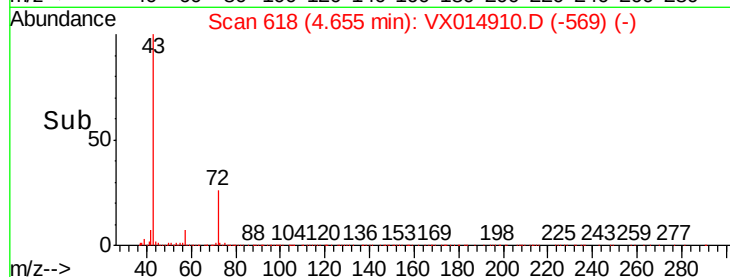
20000

0

4.65

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.040 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014910.D

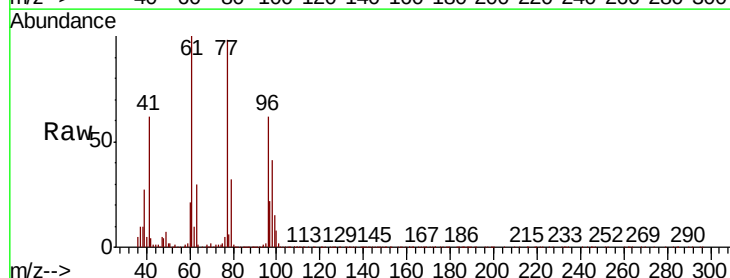
Acq: 11 Feb 2020 12:46

Tgt Ion: 77 Resp: 125080

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

20000

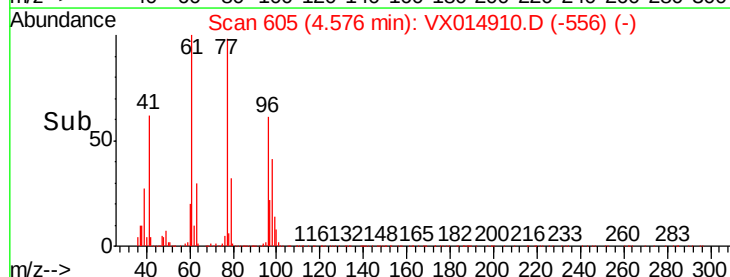
10000

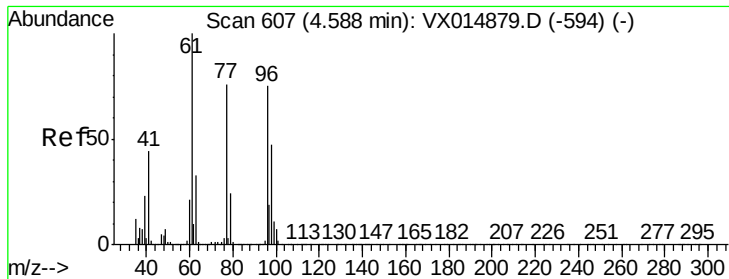
0

4.58

4.40 4.50 4.60 4.70

Time-->



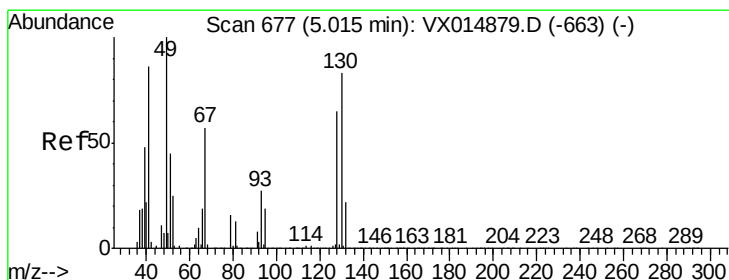
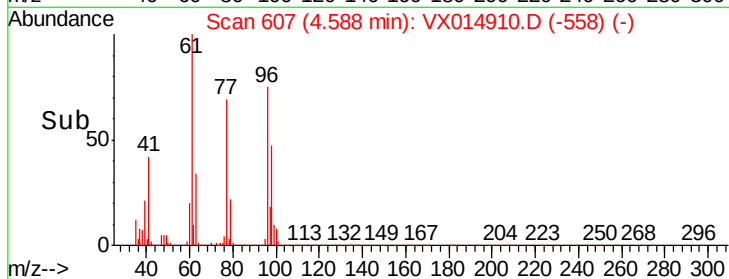
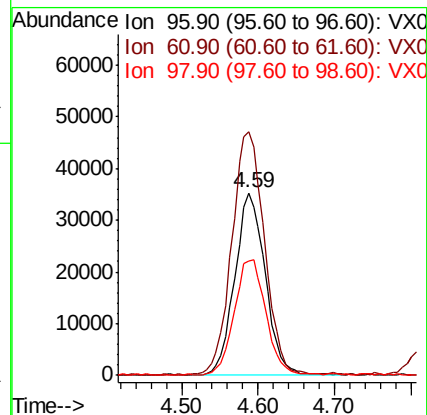
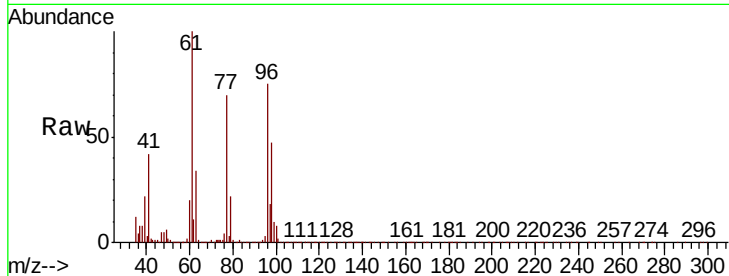


#27

cis-1,2-Dichloroethene
Concen: 18.540 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :

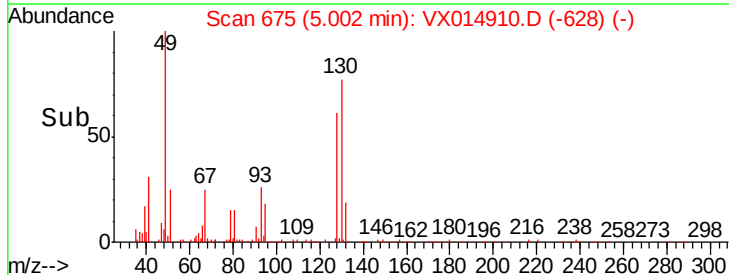
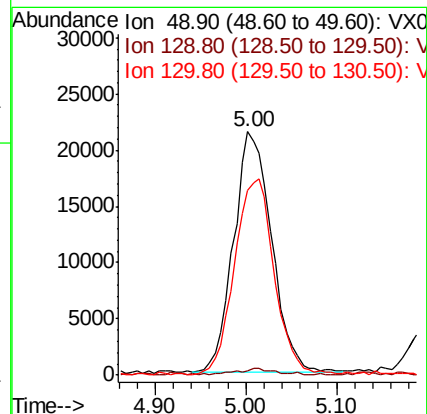
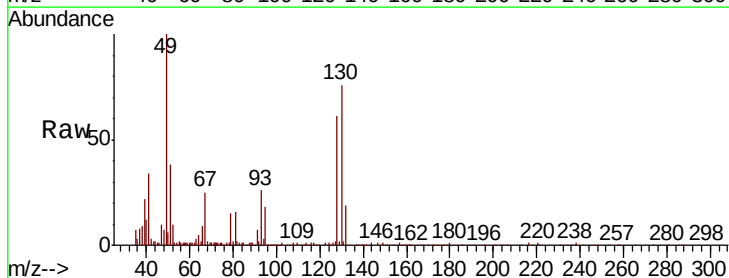
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	286.2
98	65.6	0.0	131.0

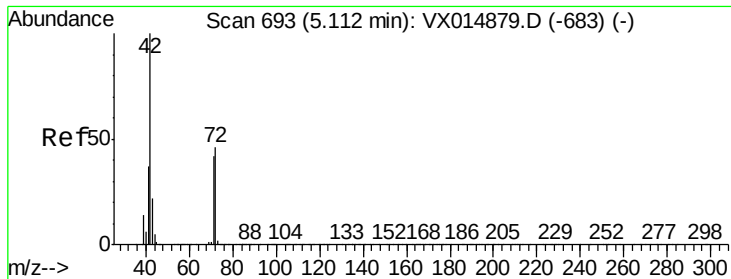


#28

Bromochloromethane
Concen: 20.122 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.2
130	83.9	67.4	101.2

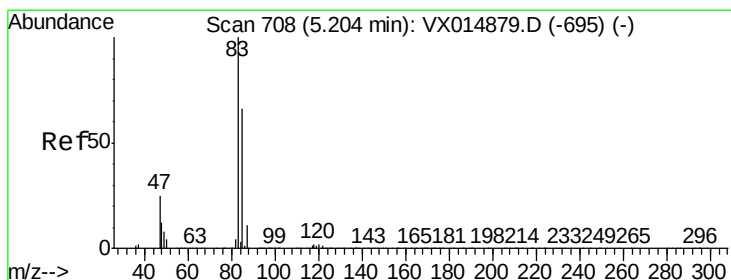
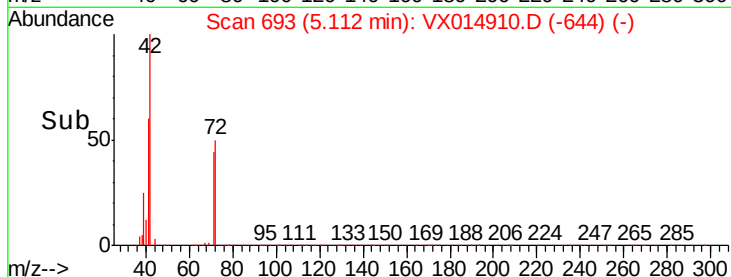
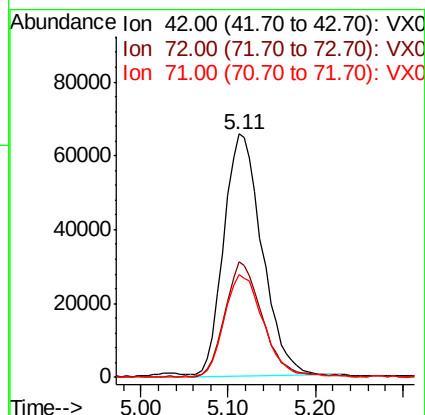
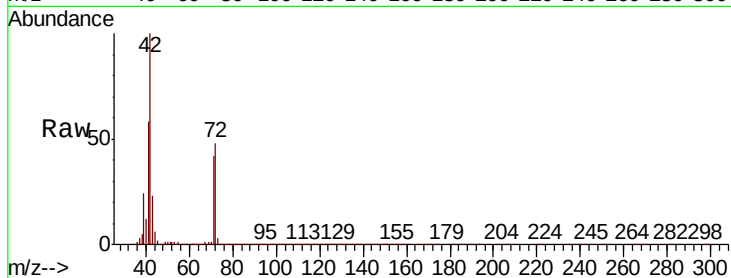




#29
Tetrahydrofuran
Concen: 99.814 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

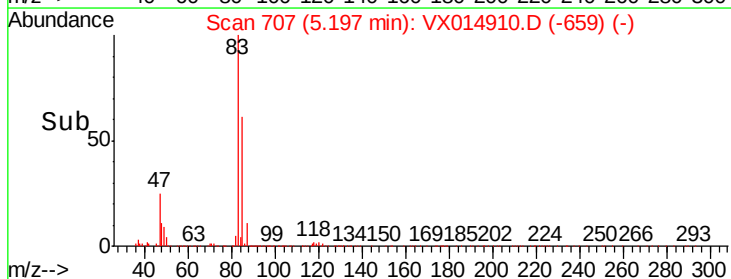
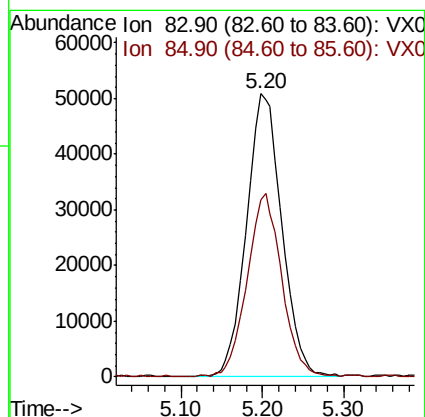
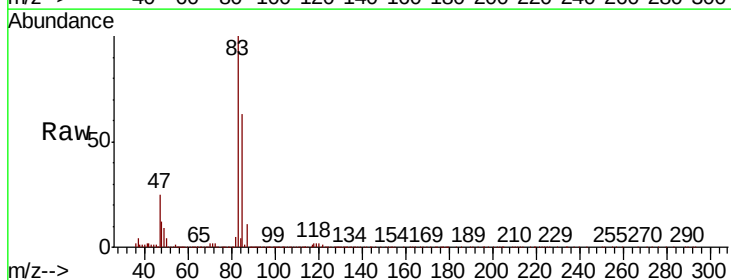
Instrument :
MSVOA_X
ClientSampleId :

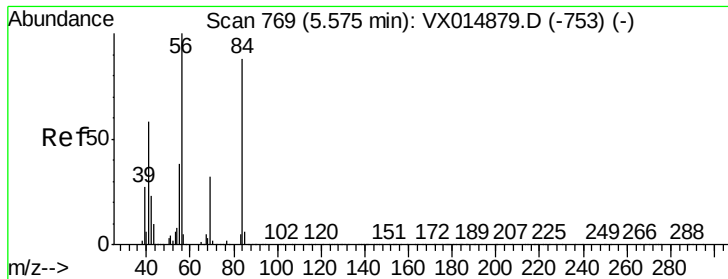
Tot Ion: 42 Resp: 200234
Ion Ratio Lower Upper
42 100
72 46.8 36.9 55.3
71 42.8 34.1 51.1



#30
Chloroform
Concen: 19.178 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion: 83 Resp: 153087
Ion Ratio Lower Upper
83 100
85 62.6 52.9 79.3

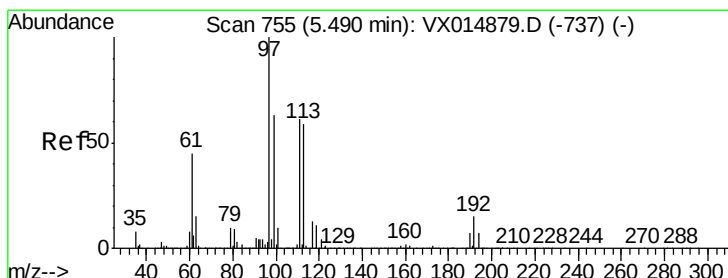
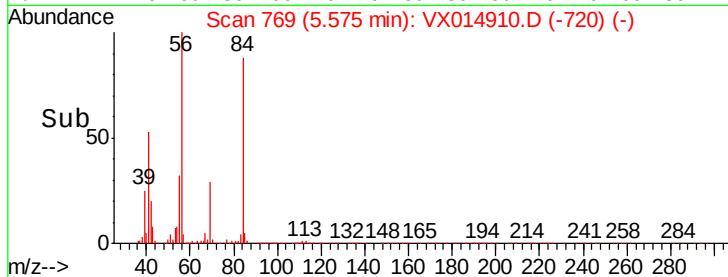
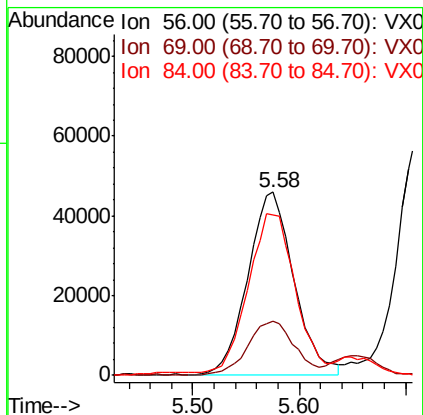
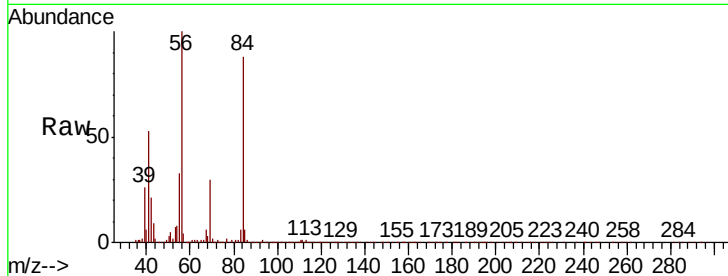




#31
Cyclohexane
Concen: 18.767 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

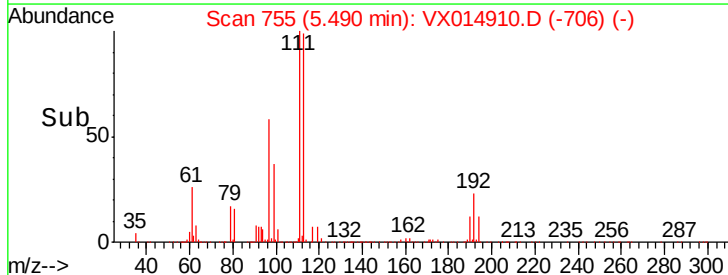
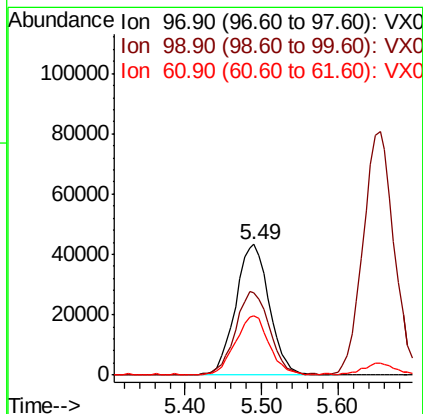
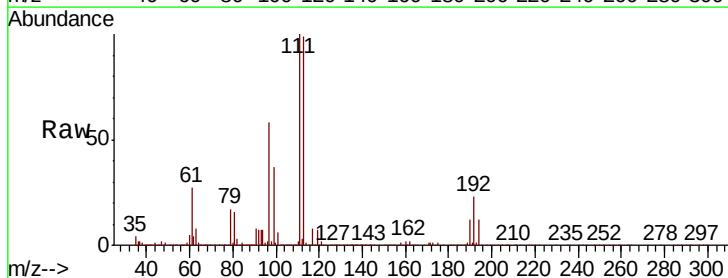
Instrument :
MSVOA_X
ClientSampleId :

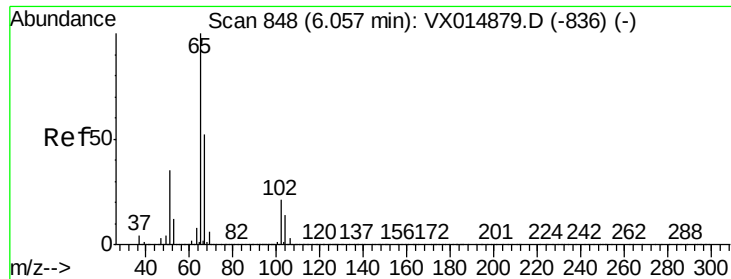
Tot Ion: 56 Resp: 137524
Ion Ratio Lower Upper
56 100
69 29.7 25.9 38.9
84 86.7 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 18.934 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion: 97 Resp: 132208
Ion Ratio Lower Upper
97 100
99 65.5 51.0 76.6
61 45.6 36.3 54.5

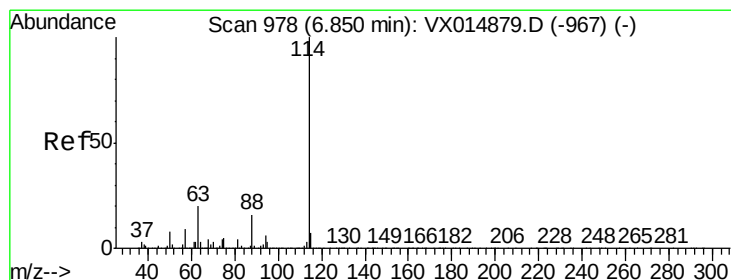
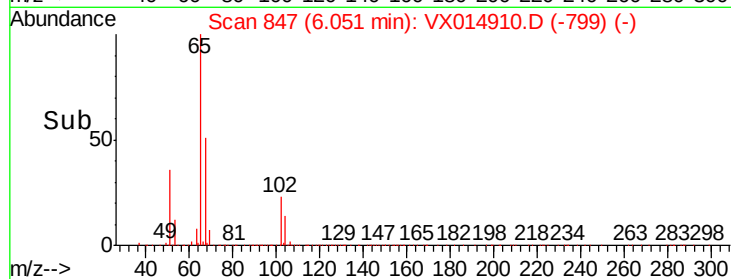
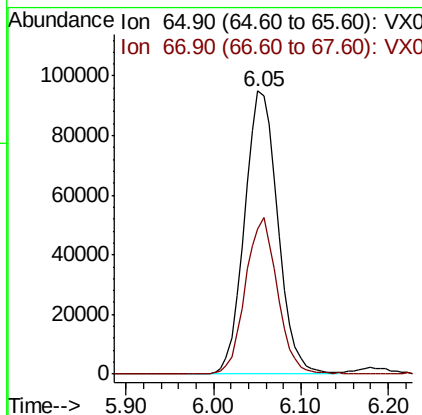
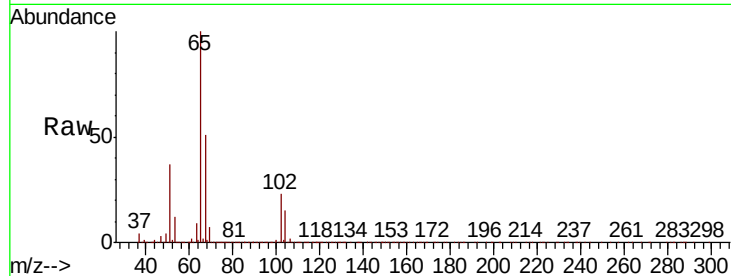




#33
 1,2-Dichloroethane-d4
 Concen: 48.182 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

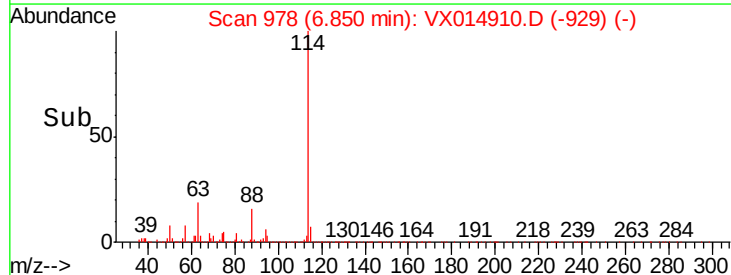
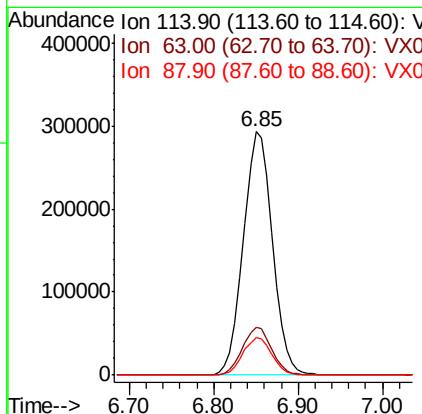
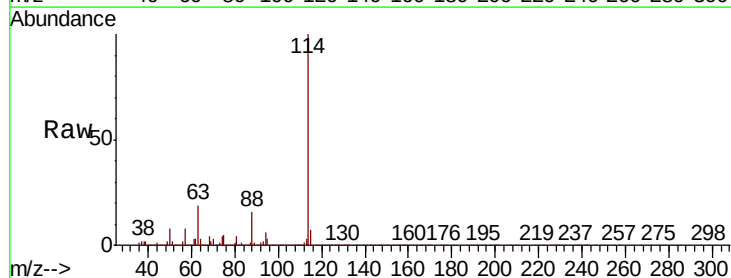
Instrument :
 MSVOA_X
 ClientSampled :

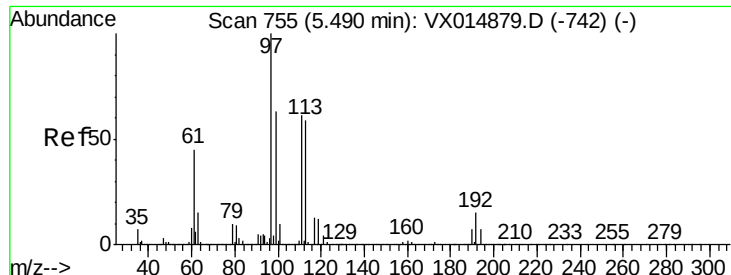
Tot Ion: 65 Resp: 249752
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Tgt Ion: 114 Resp: 686407
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.5 0.0 32.0

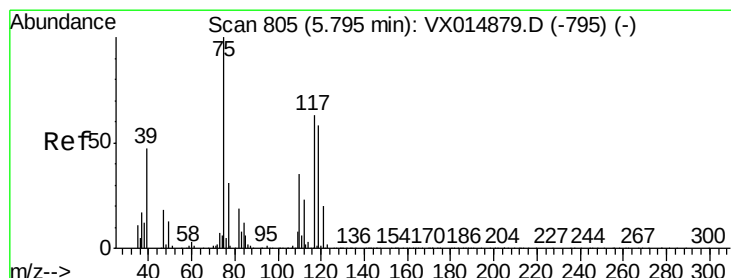
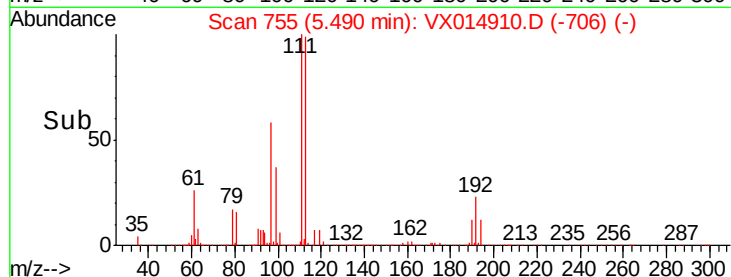
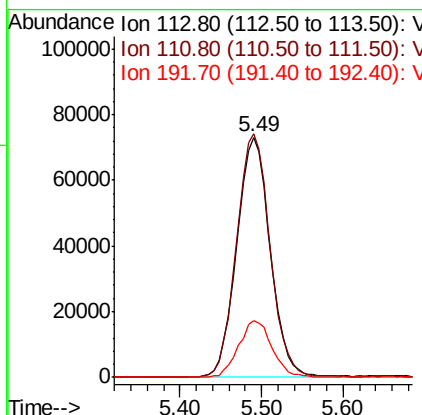
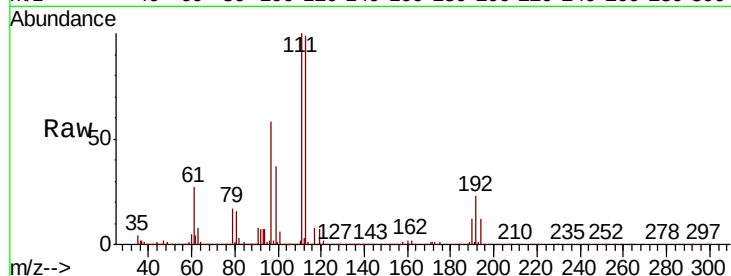




#35
Dibromofluoromethane
Concen: 48.809 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

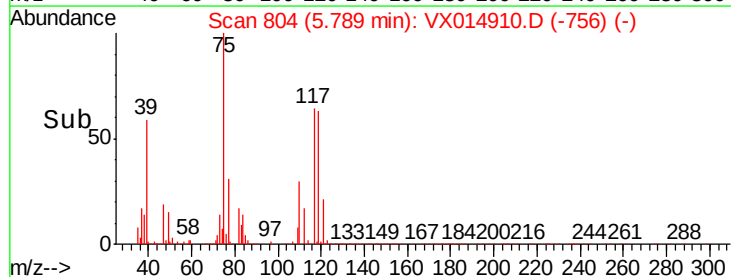
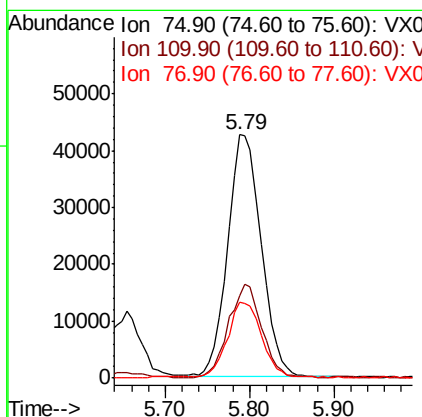
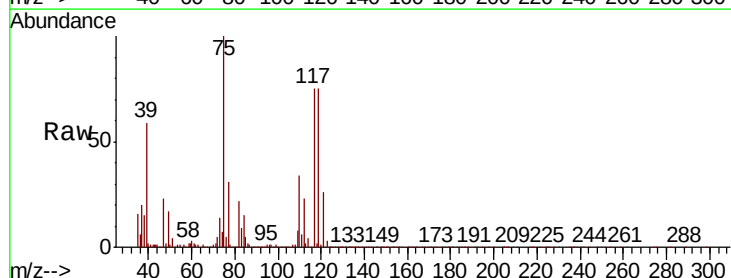
Instrument :
MSVOA_X
ClientSampleId :

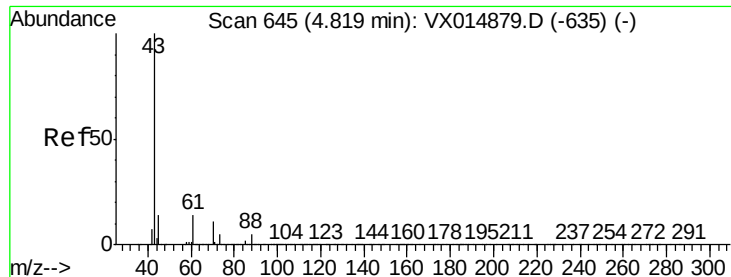
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	23.8	19.1	28.7



#36
1,1-Dichloropropene
Concen: 18.828 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.0	18.3	54.8
77	30.7	24.6	36.8

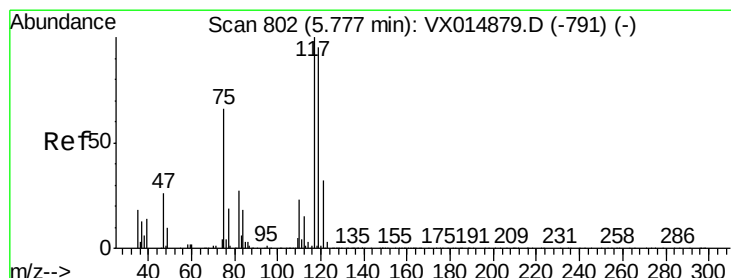
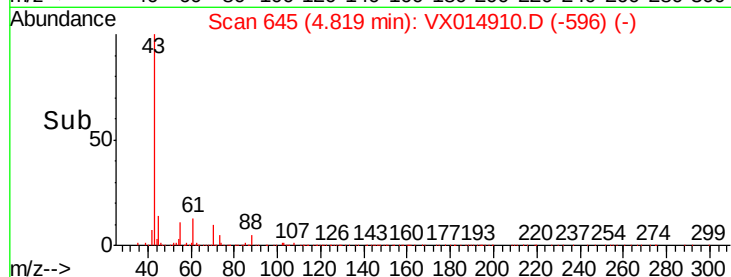
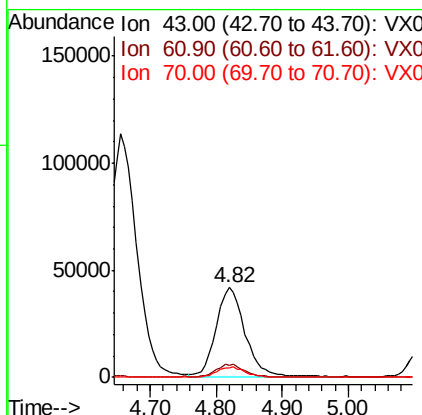
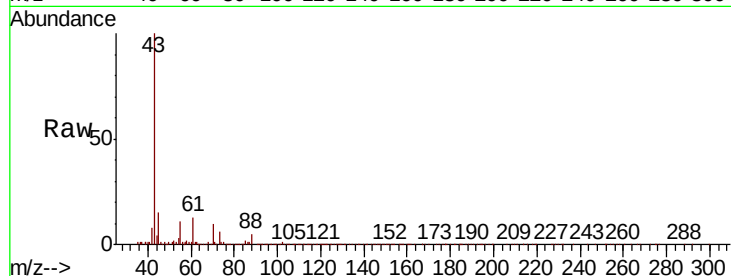




#37
Ethyl Acetate
Concen: 19.560 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

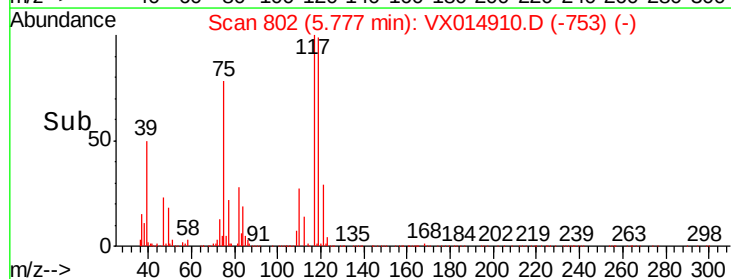
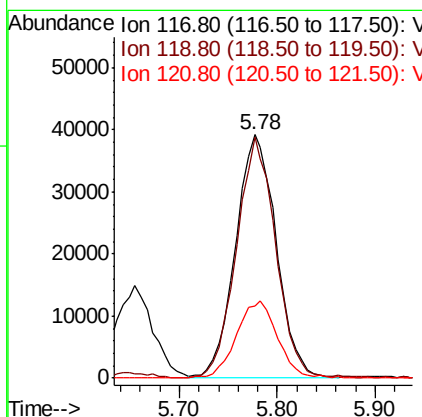
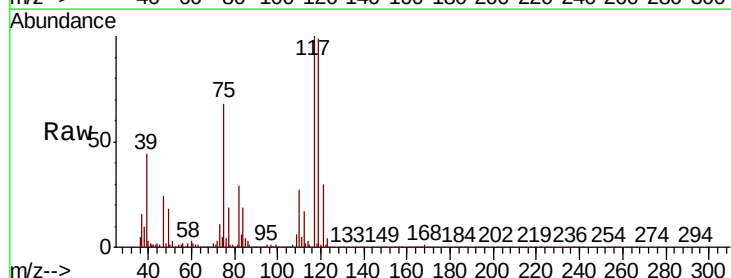
Instrument :
MSVOA_X
ClientSampleId :

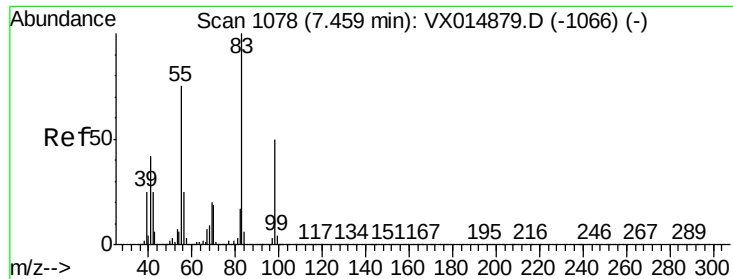
Tot Ion: 43 Resp: 125263
Ion Ratio Lower Upper
43 100
61 13.7 10.9 16.3
70 10.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.777 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion: 117 Resp: 112355
Ion Ratio Lower Upper
117 100
119 98.8 76.0 114.0
121 30.0 25.4 38.2

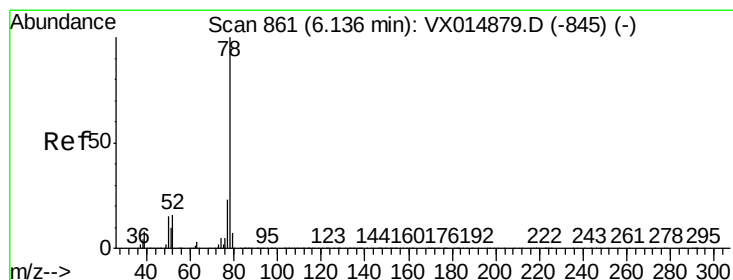
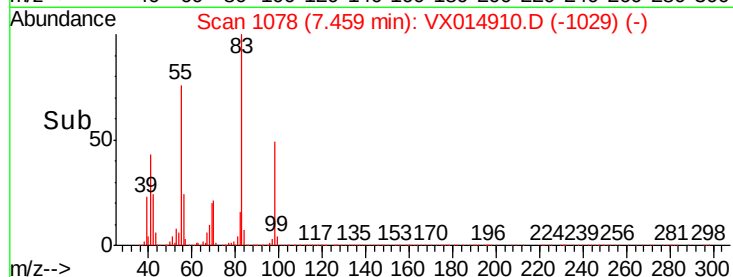
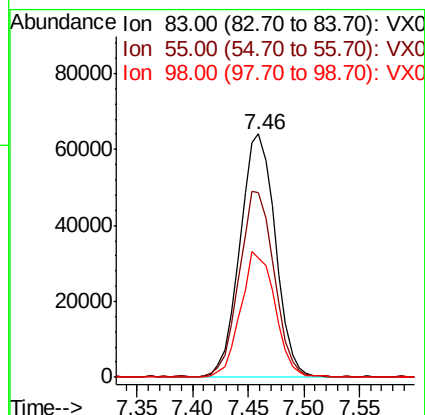
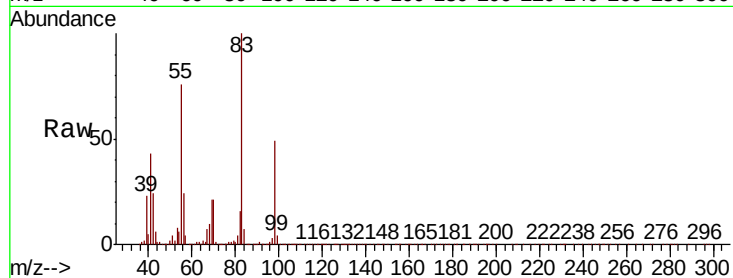




#39
Methylvlcyclohexane
Concen: 18.455 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

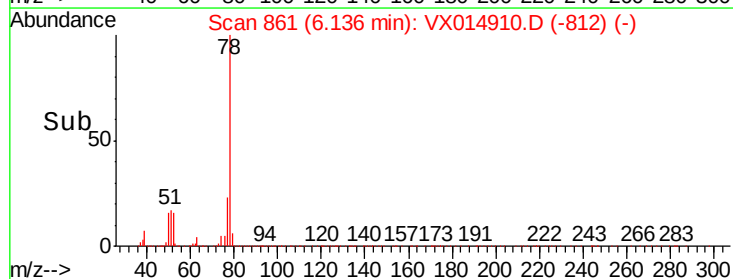
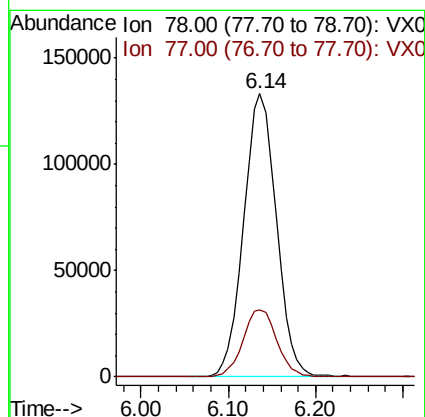
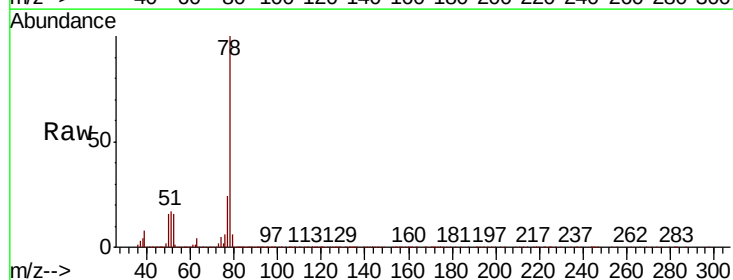
Instrument :
MSVOA_X
ClientSampleId :

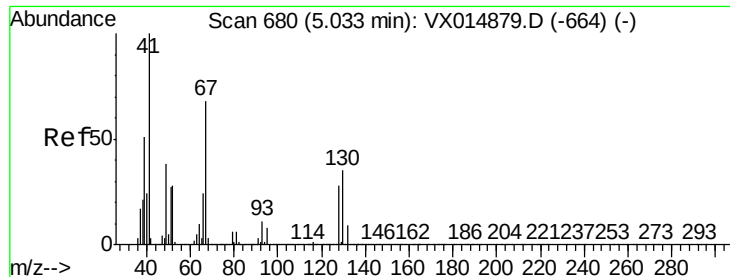
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	60.0	90.0
98	49.1	39.6	59.4



#40
Benzene
Concen: 18.945 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





#41

Methacrylonitrile

Concen: 19.003 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 65559

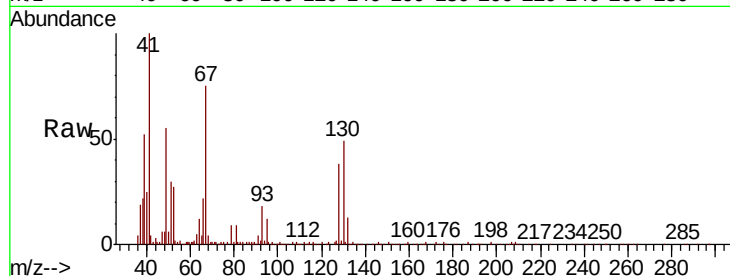
Ion Ratio Lower Upper

41 100

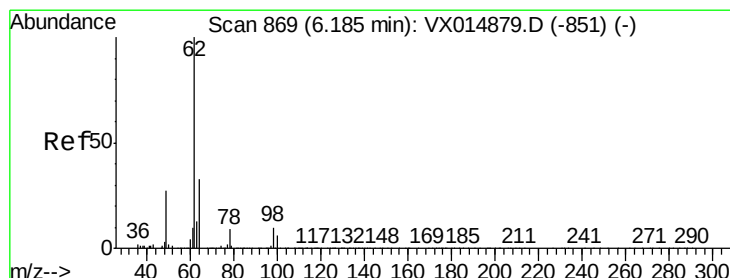
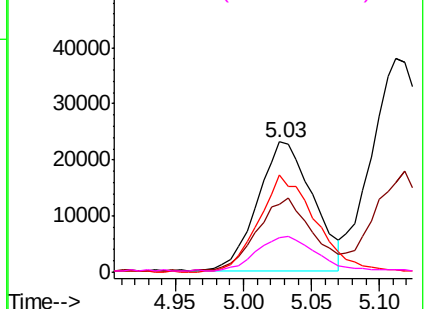
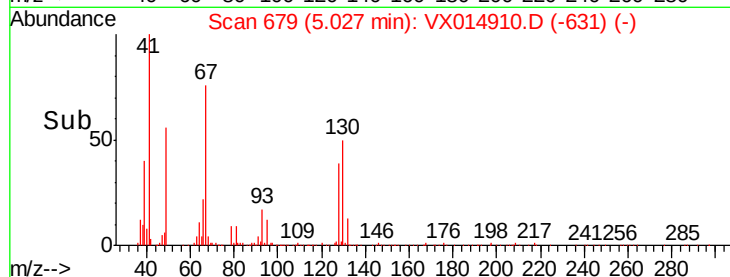
39 55.1 44.7 67.1

67 76.5 56.6 84.8

52 28.8 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: 18.408 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014910.D

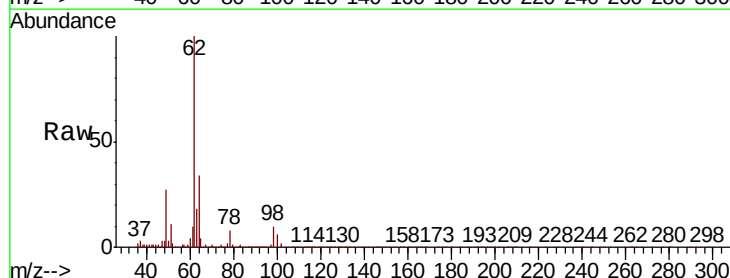
Acq: 11 Feb 2020 12:46

Tgt Ion: 62 Resp: 122057

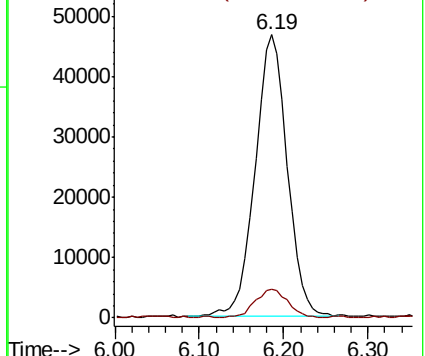
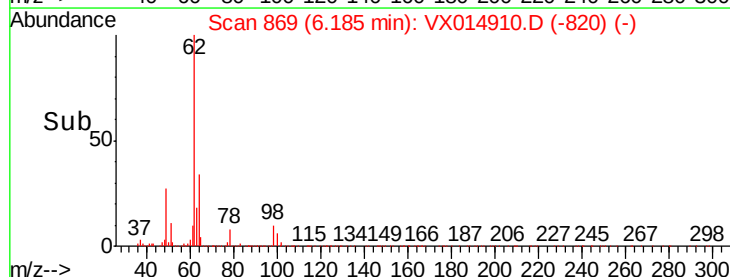
Ion Ratio Lower Upper

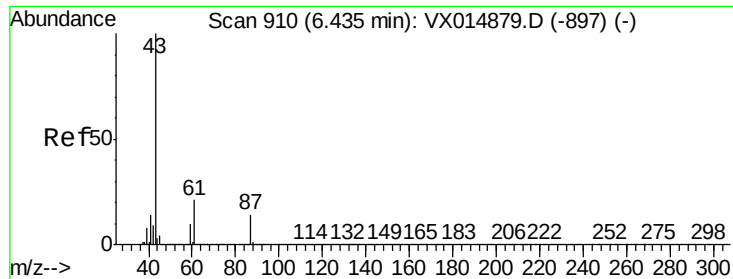
62 100

98 10.1 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: 19.352 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

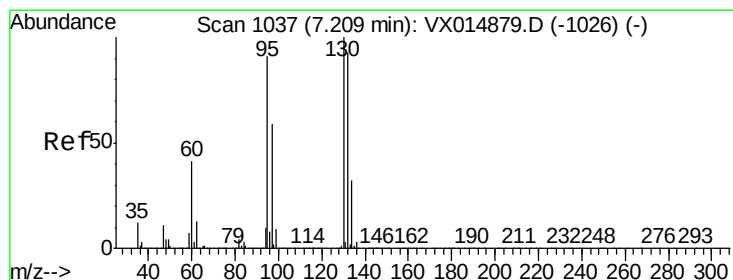
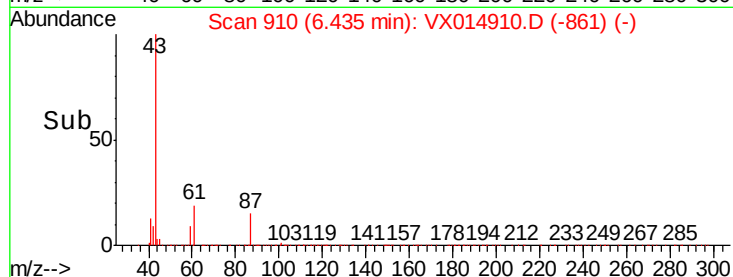
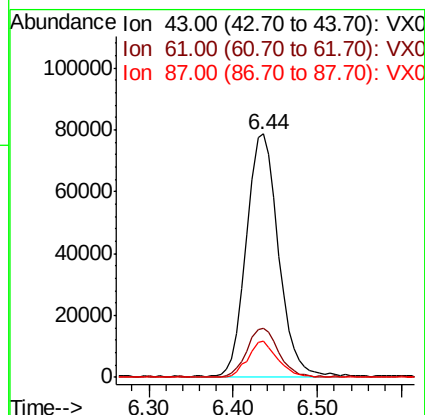
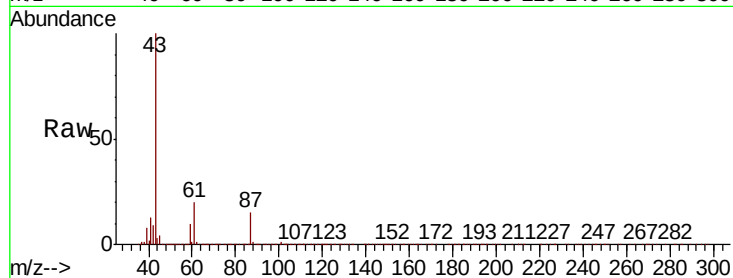
Tot Ion: 43 Resp: 204439

Ion Ratio Lower Upper

43 100

61 20.0 16.2 24.4

87 13.3 11.0 16.6



#44

Trichloroethene

Concen: 18.801 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014910.D

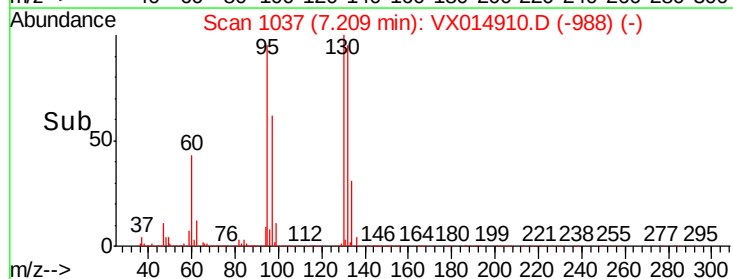
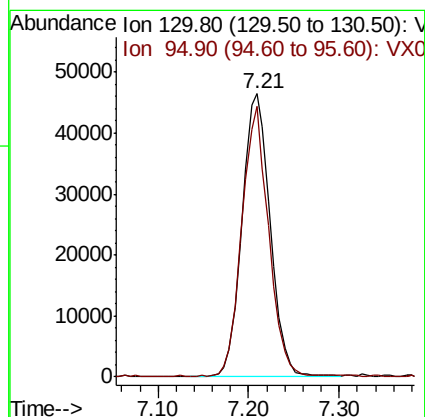
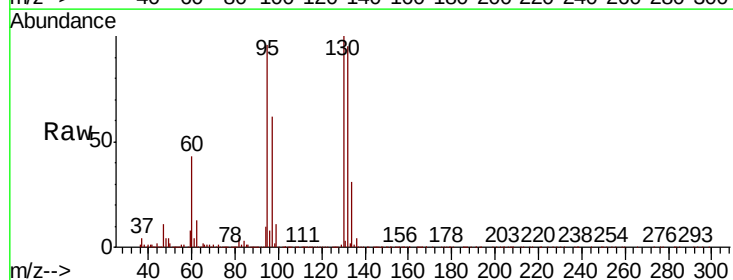
Acq: 11 Feb 2020 12:46

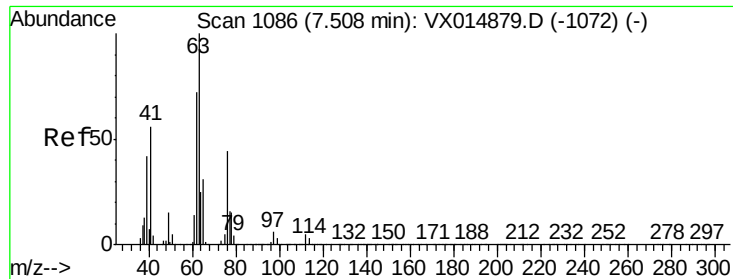
Tgt Ion: 130 Resp: 100131

Ion Ratio Lower Upper

130 100

95 95.3 0.0 182.6

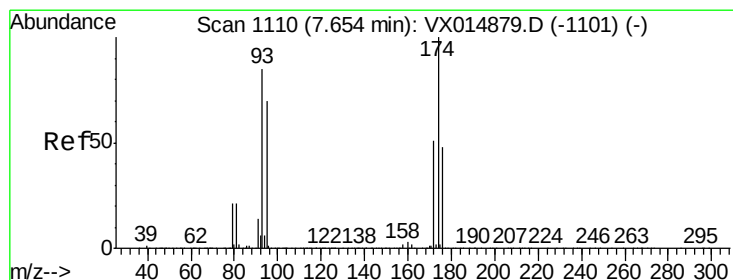
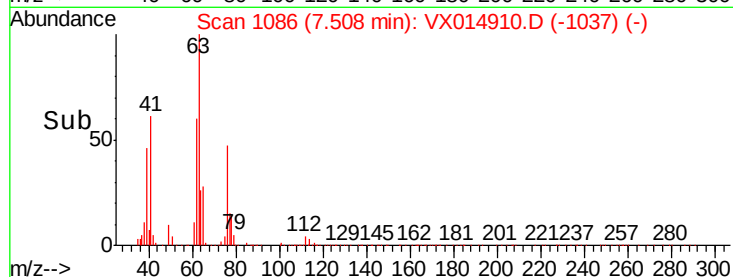
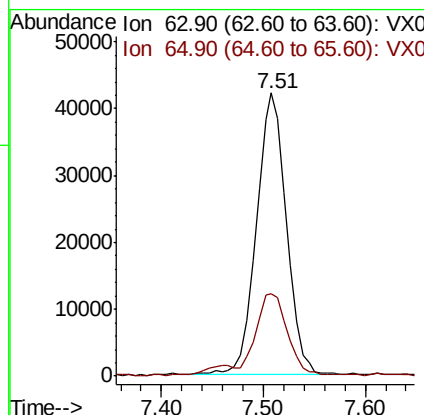
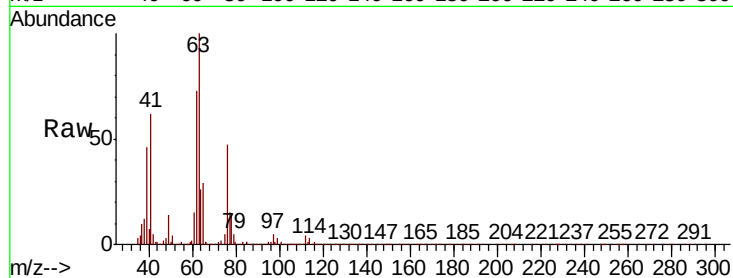




#45
 1,2-Dichloropropane
 Concen: 18.466 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

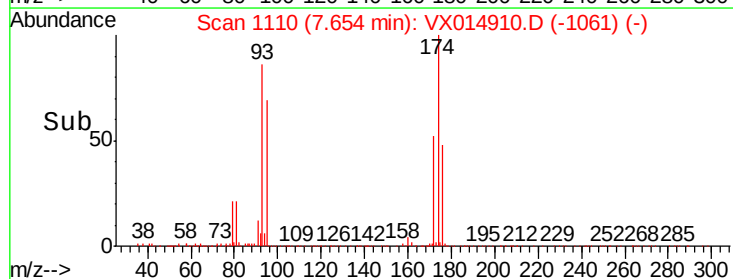
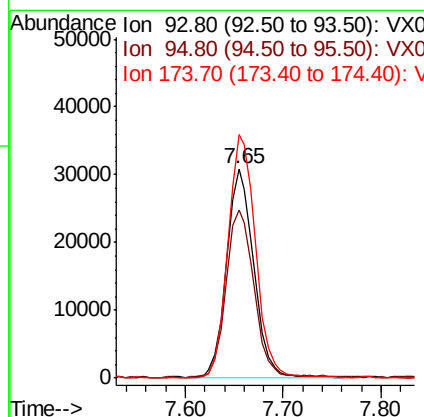
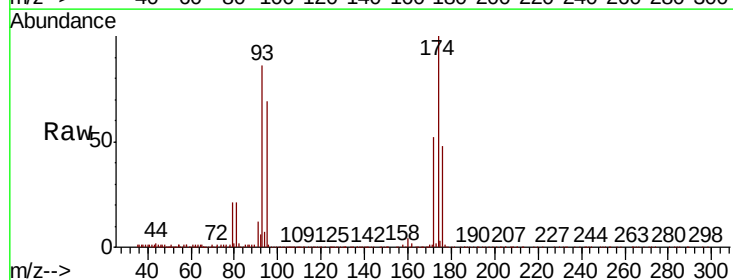
Instrument :
 MSVOA_X
 ClientSampleId :

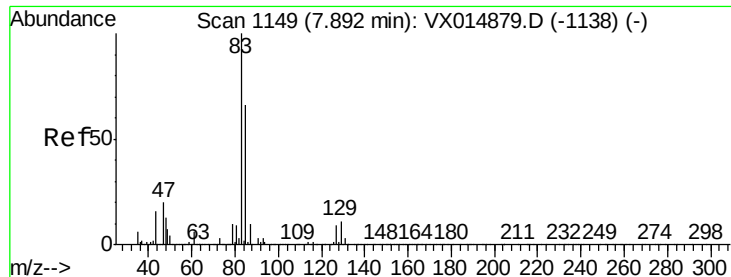
Tot Ion: 63 Resp: 86398
 Ion Ratio Lower Upper
 63 100
 65 28.7 24.9 37.3



#46
 Dibromomethane
 Concen: 18.489 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Tgt Ion: 93 Resp: 59130
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.8 98.8
 174 119.3 95.4 143.2





#47

Bromodichloromethane

Concen: 18.501 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

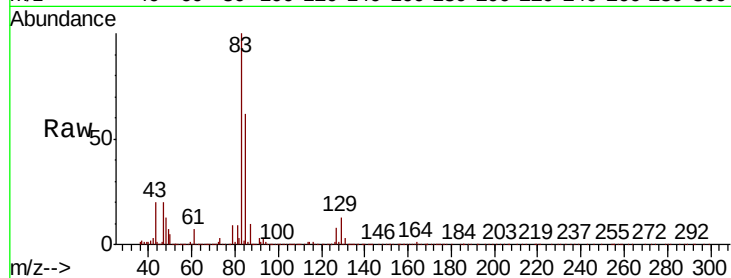
Tot Ion: 83 Resp: 117316

Ion Ratio Lower Upper

83 100

85 61.6 52.5 78.7

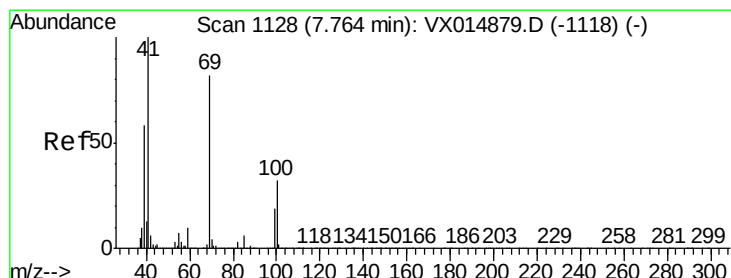
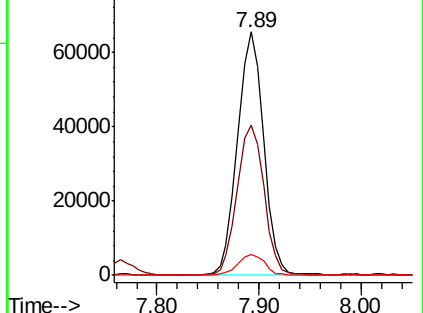
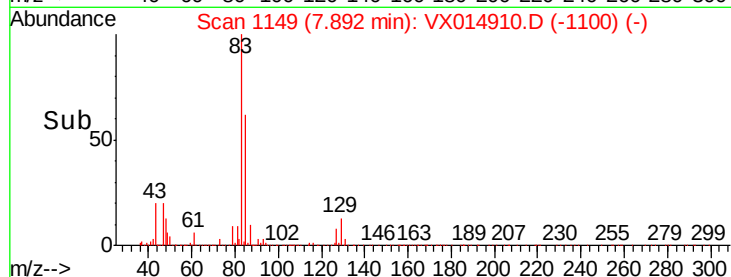
127 8.3 7.4 11.0



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: 18.754 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

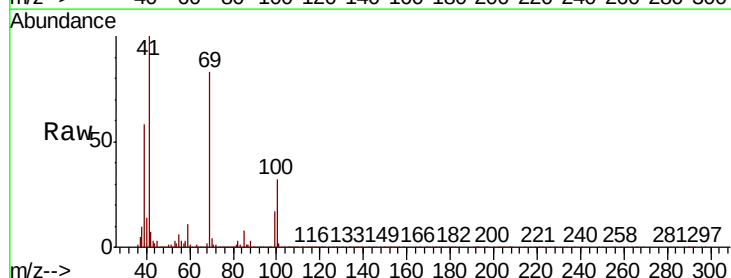
Tgt Ion: 41 Resp: 97504

Ion Ratio Lower Upper

41 100

69 83.7 65.7 98.5

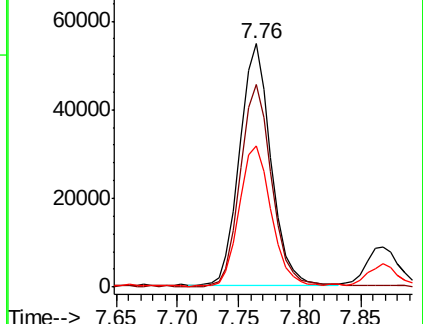
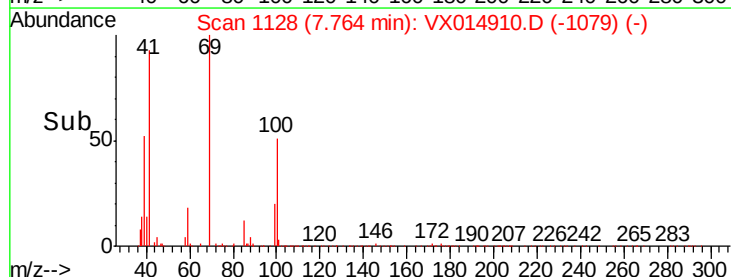
39 58.9 45.8 68.8

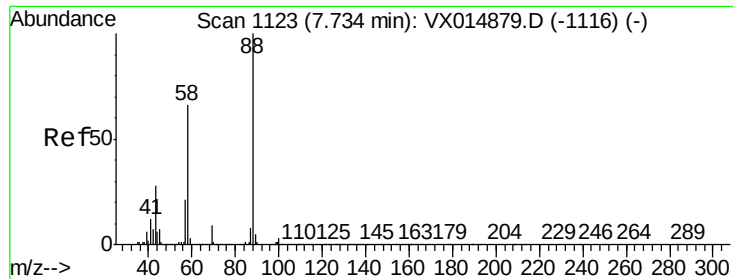


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

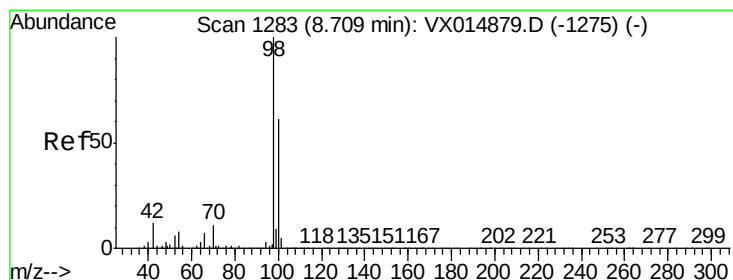
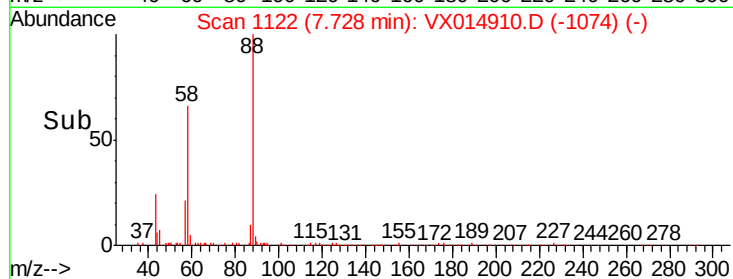
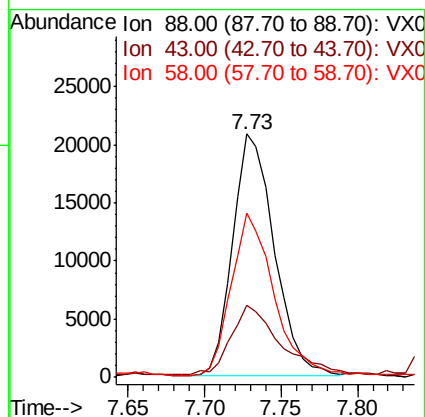
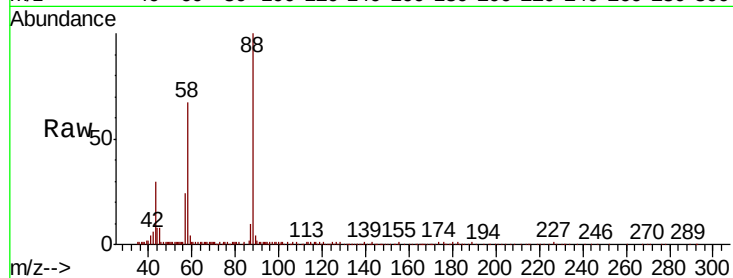




#49
1,4-Dioxane
Concen: 403.885 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

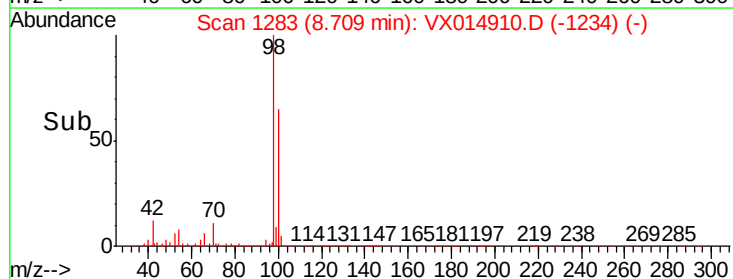
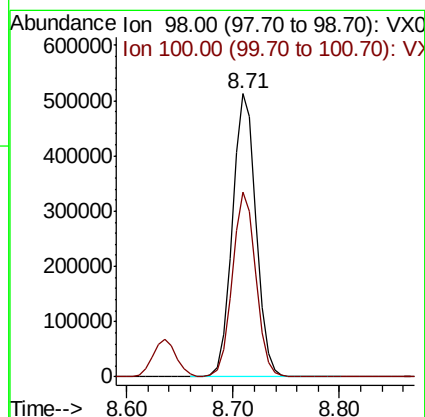
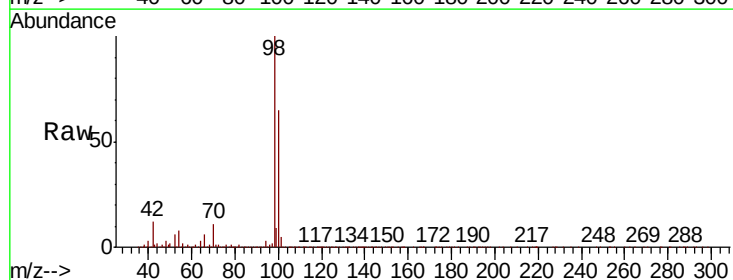
Instrument :
MSVOA_X
ClientSampleId :

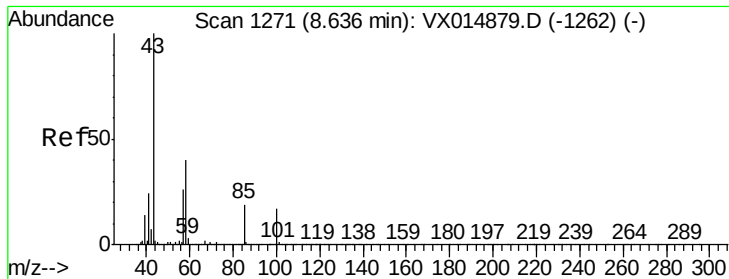
Tot Ion: 88 Resp: 39260
Ion Ratio Lower Upper
88 100
43 33.7 27.0 40.4
58 69.8 53.2 79.8



#50
Toluene-d8
Concen: 49.406 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion: 98 Resp: 795810
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 98.465 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

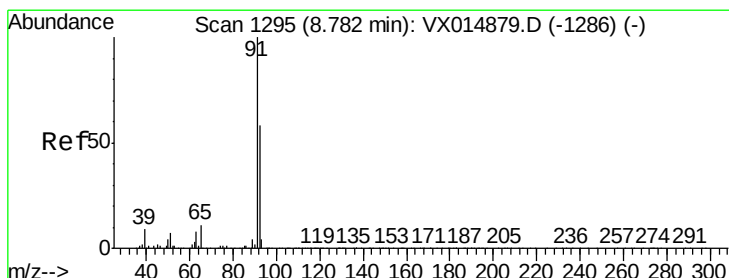
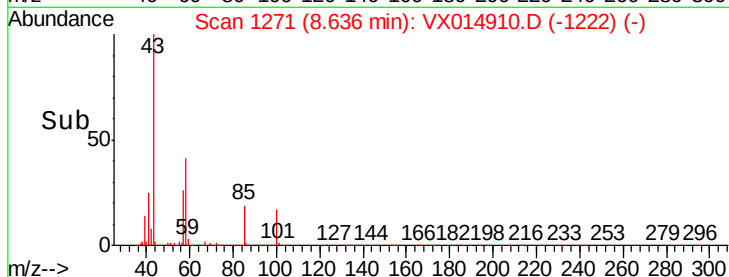
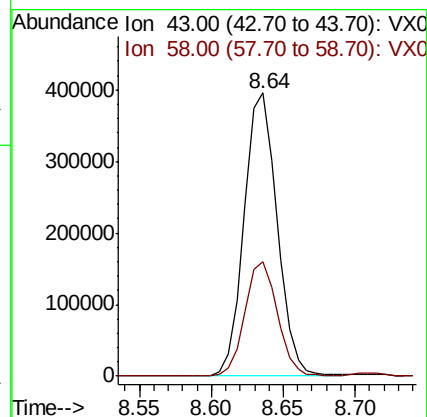
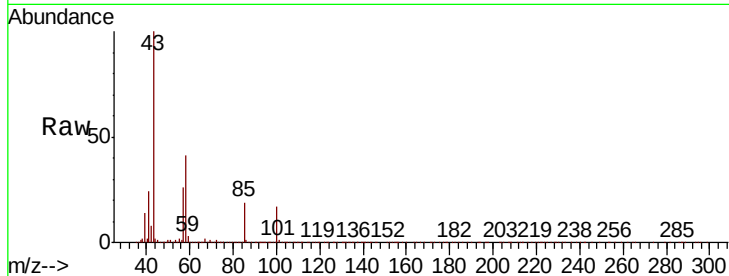
ClientSampleId :

Tot Ion: 43 Resp: 628102

Ion Ratio Lower Upper

43 100

58 39.9 31.9 47.9



#52

Toluene

Concen: 18.840 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014910.D

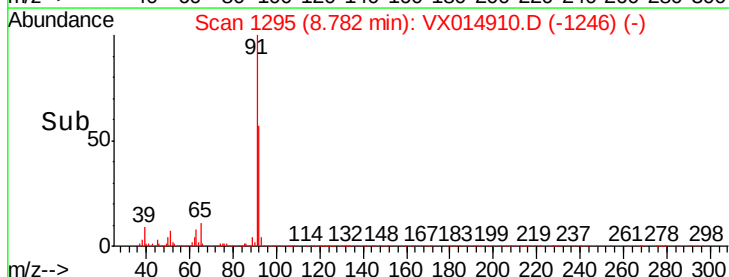
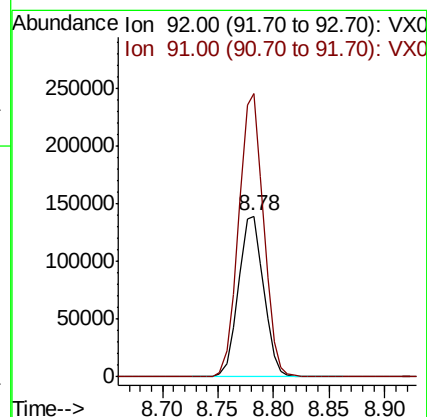
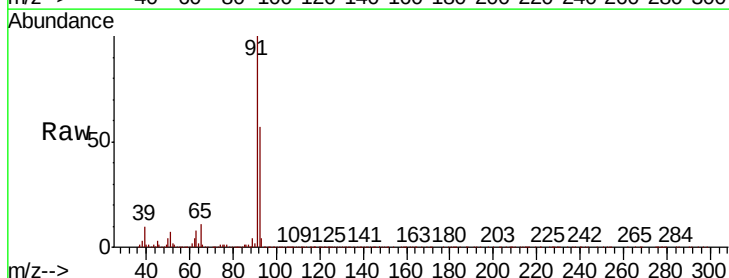
Acq: 11 Feb 2020 12:46

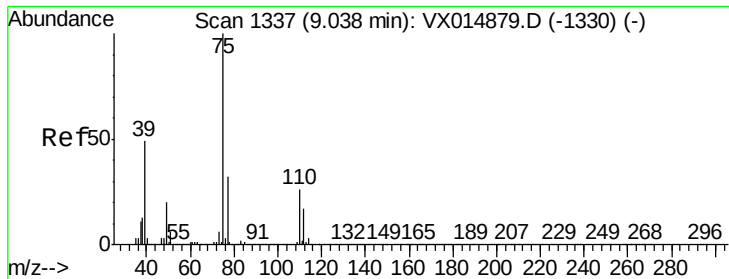
Tgt Ion: 92 Resp: 219519

Ion Ratio Lower Upper

92 100

91 172.9 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 18.317 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

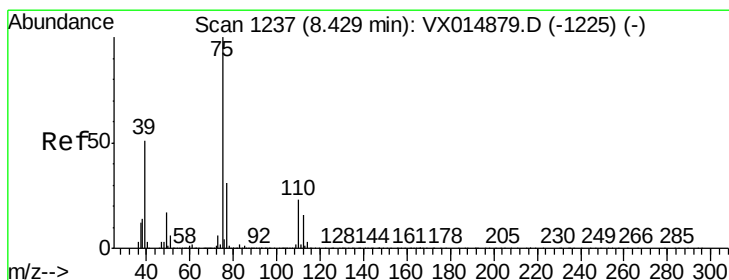
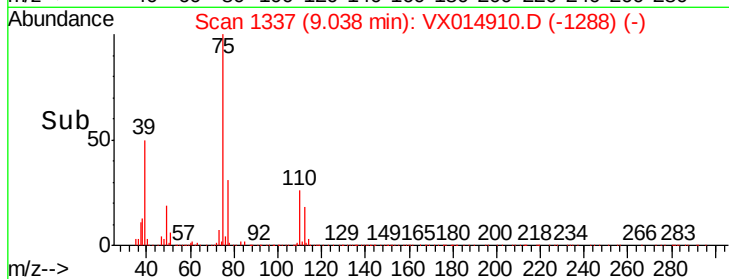
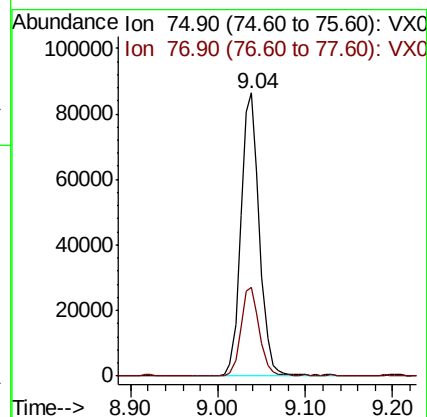
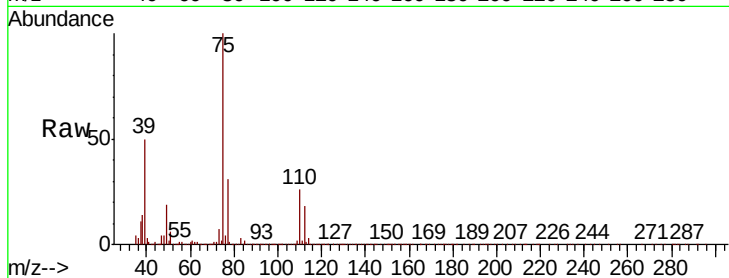
ClientSampleId :

Tot Ion: 75 Resp: 127297

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.182 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

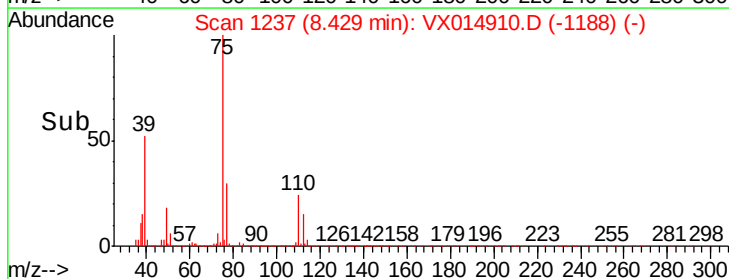
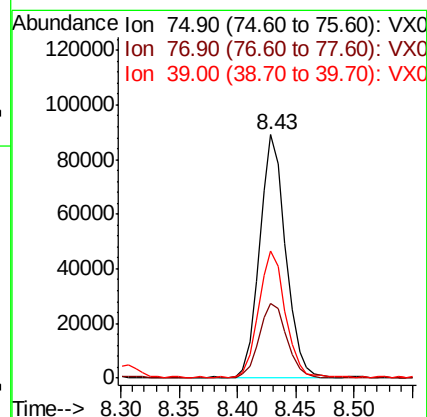
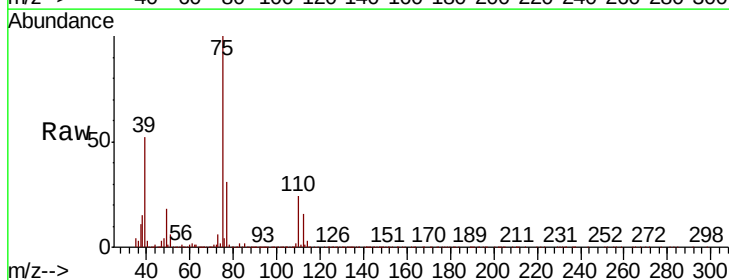
Tgt Ion: 75 Resp: 139586

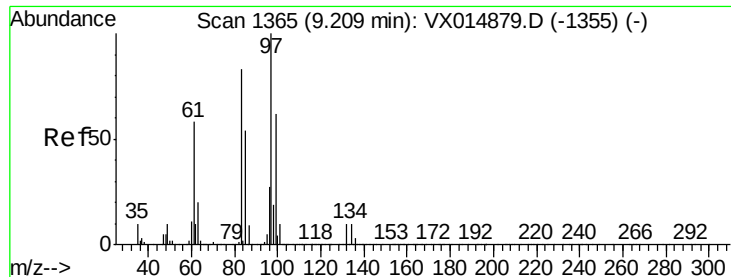
Ion Ratio Lower Upper

75 100

77 30.4 24.6 37.0

39 52.1 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 19.029 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 89709

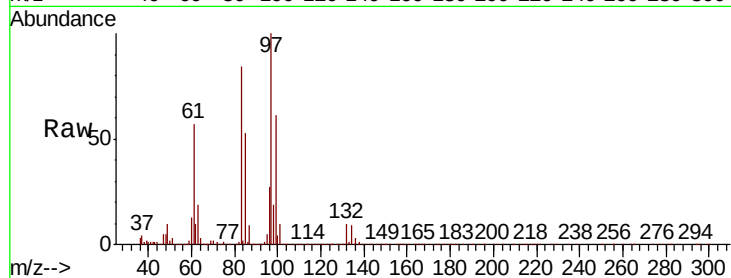
Ion Ratio Lower Upper

97 100

83 84.1 66.6 99.8

85 52.9 43.5 65.3

99 60.8 49.6 74.4



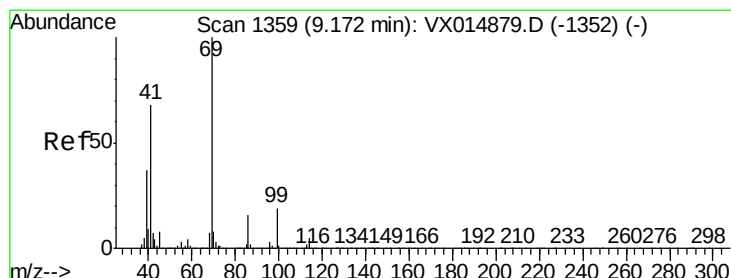
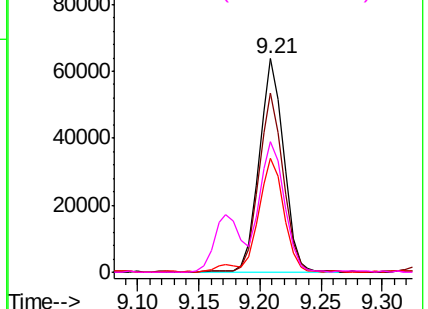
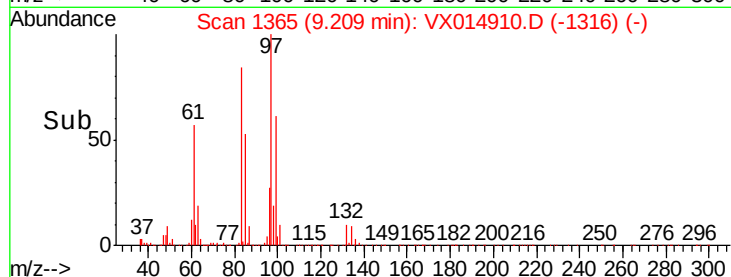
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.355 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

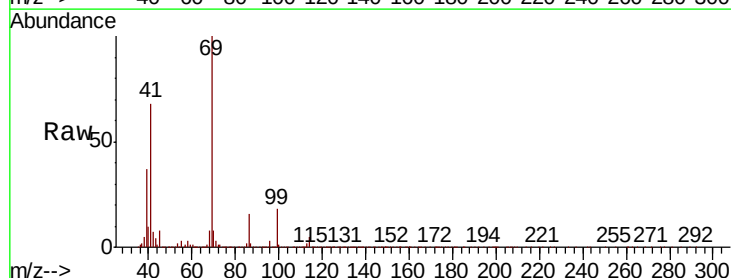
Tgt Ion: 69 Resp: 137148

Ion Ratio Lower Upper

69 100

41 68.6 54.8 82.2

39 37.6 29.9 44.9

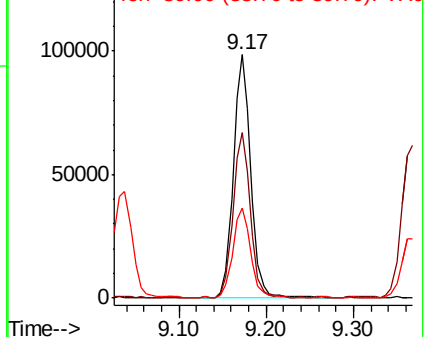
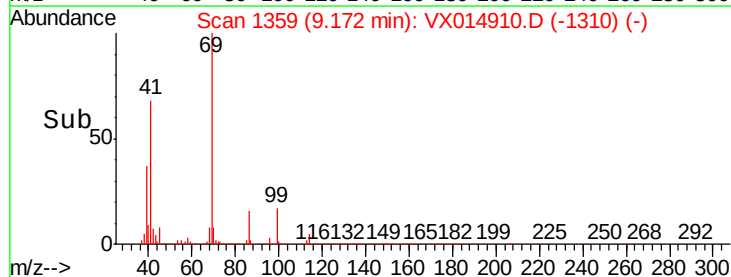


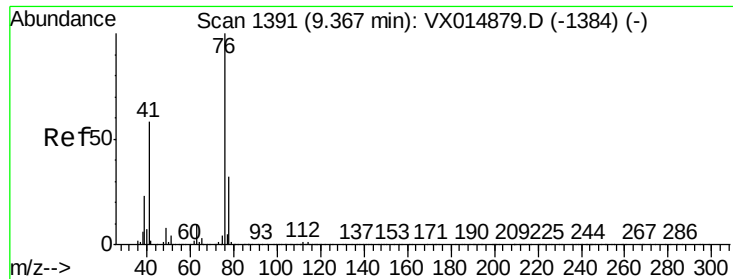
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.114 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

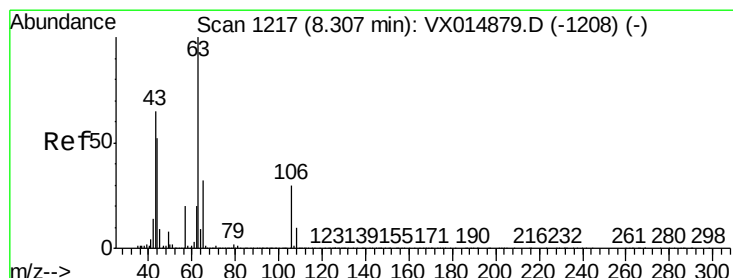
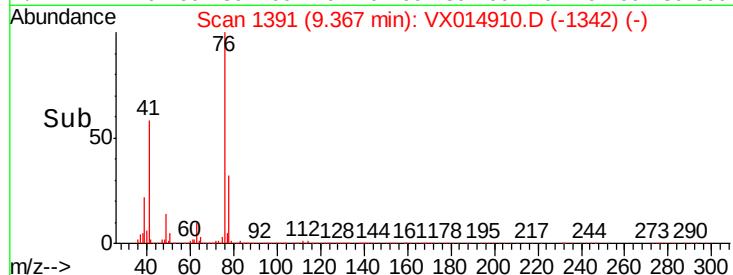
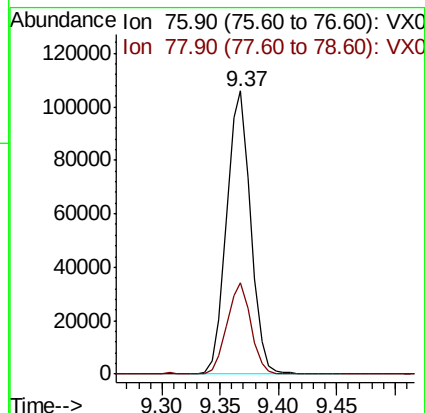
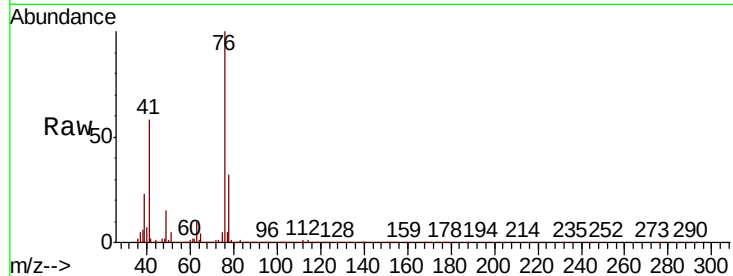
ClientSampleId :

Tot Ion: 76 Resp: 151676

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.240 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014910.D

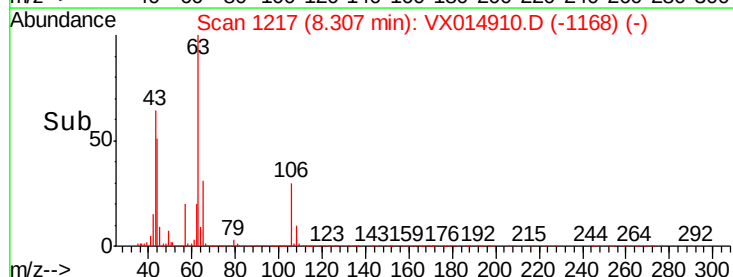
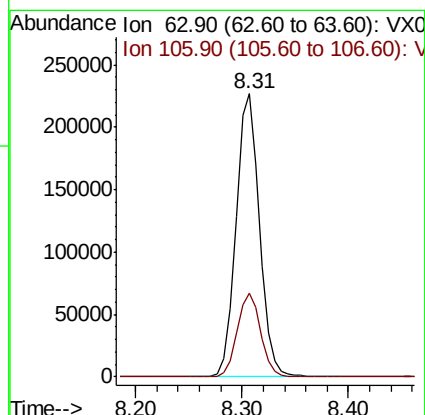
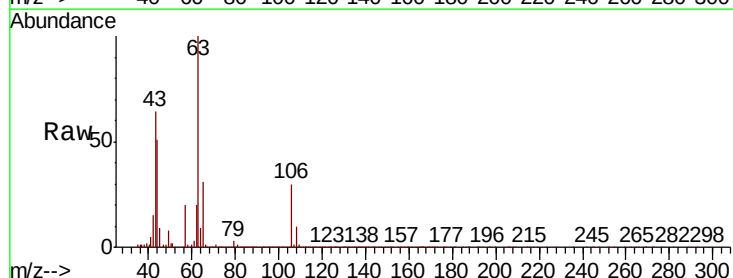
Acq: 11 Feb 2020 12:46

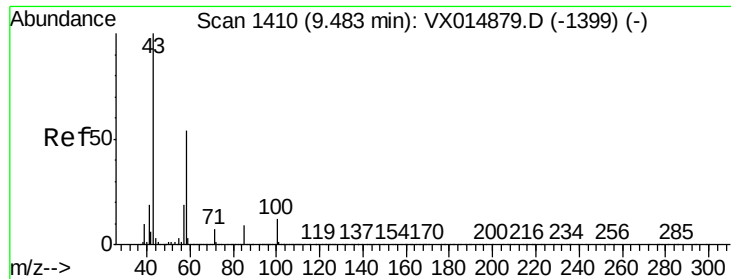
Tgt Ion: 63 Resp: 349230

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.8

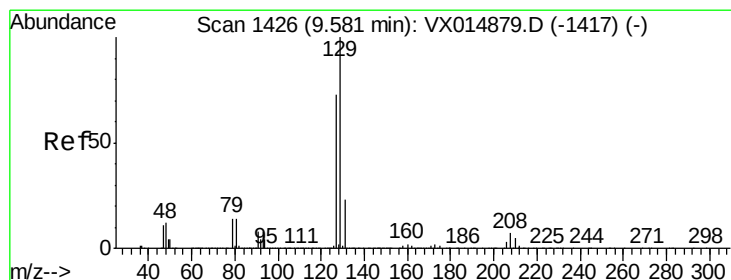
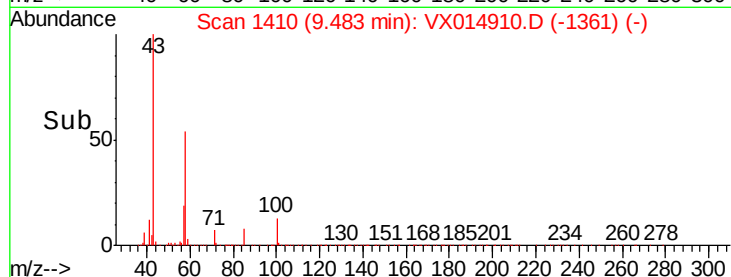
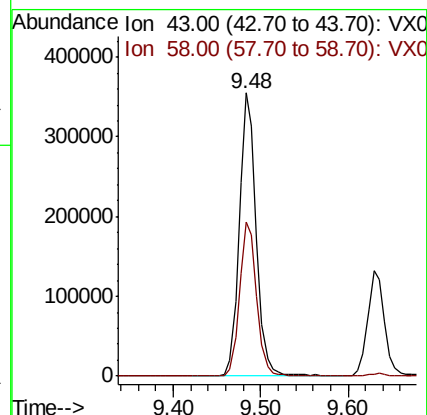
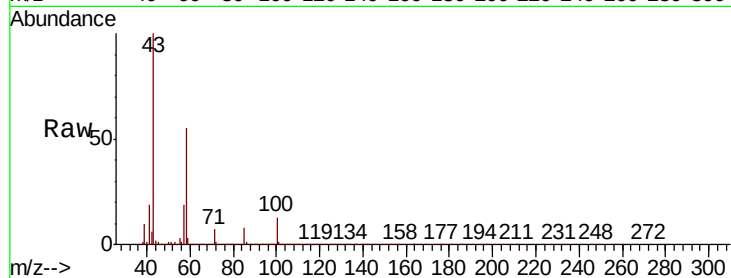




#59
2-Hexanone
Concen: 95.722 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

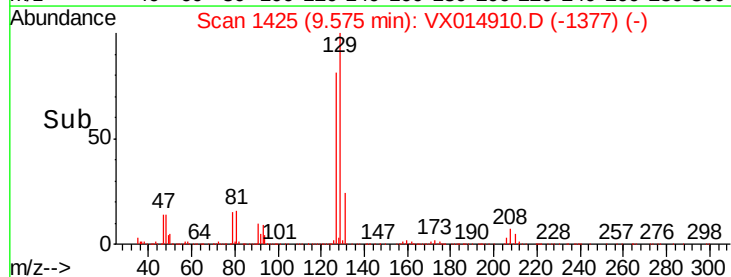
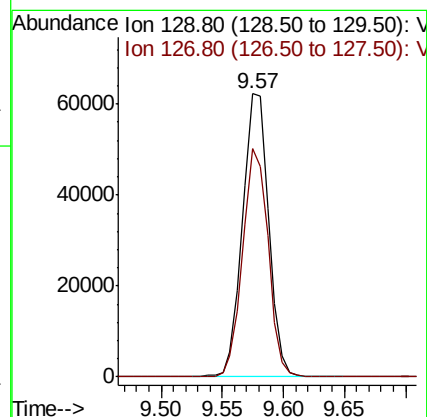
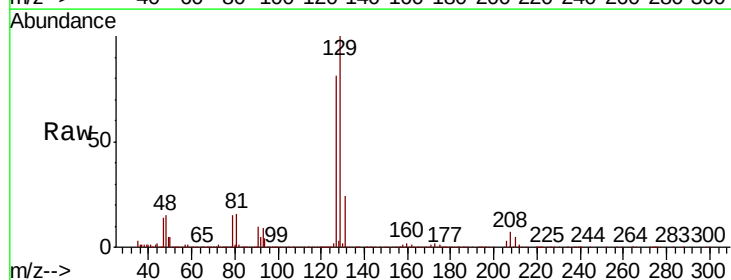
Instrument :
MSVOA_X
ClientSampleId :

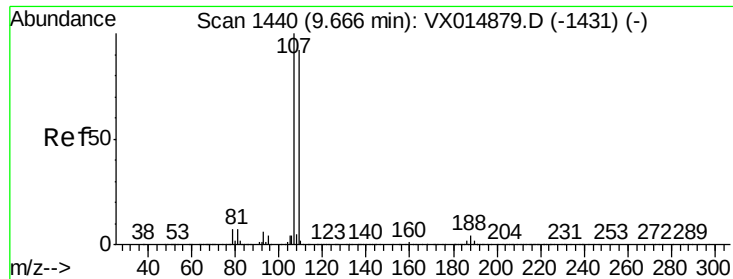
Tot Ion: 43 Resp: 479946
Ion Ratio Lower Upper
43 100
58 55.4 27.5 82.5



#60
Dibromochloromethane
Concen: 18.139 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion: 129 Resp: 92021
Ion Ratio Lower Upper
129 100
127 78.6 37.8 113.3

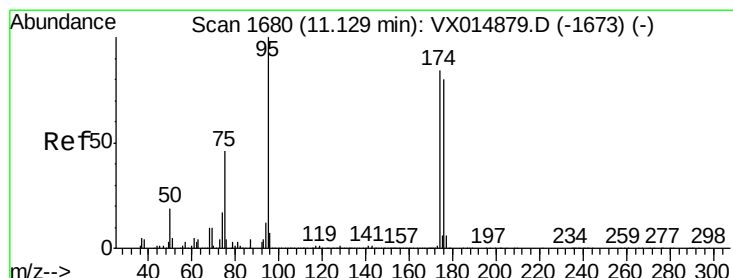
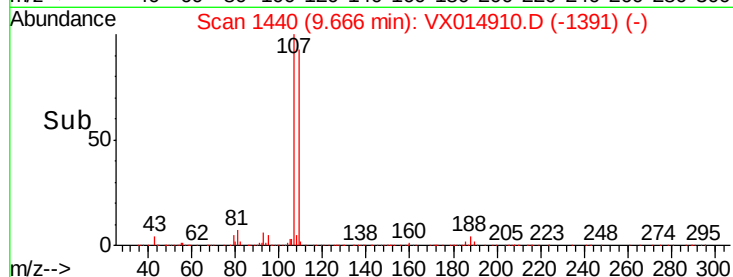
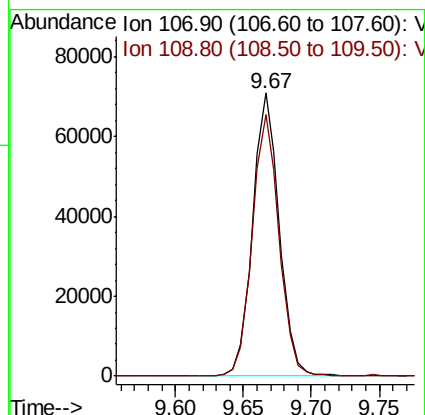
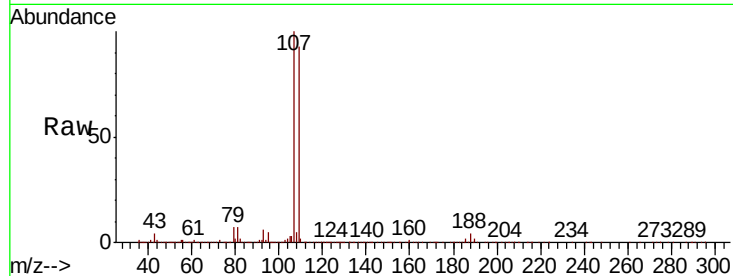




#61
 1,2-Dibromoethane
 Concen: 19.160 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

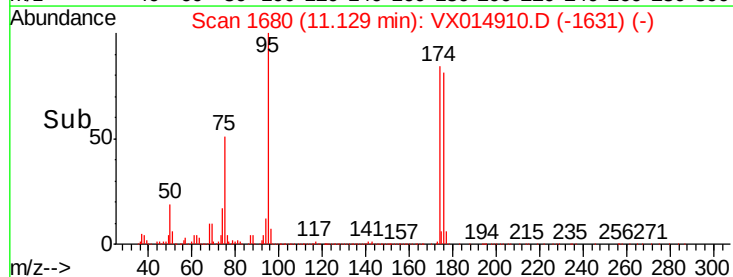
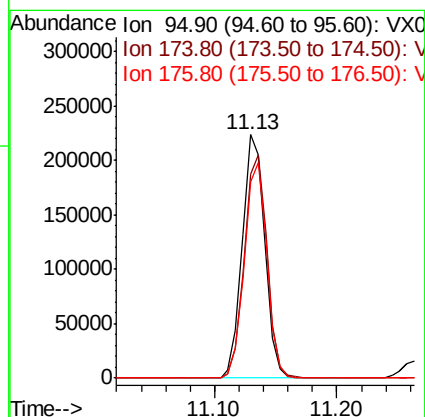
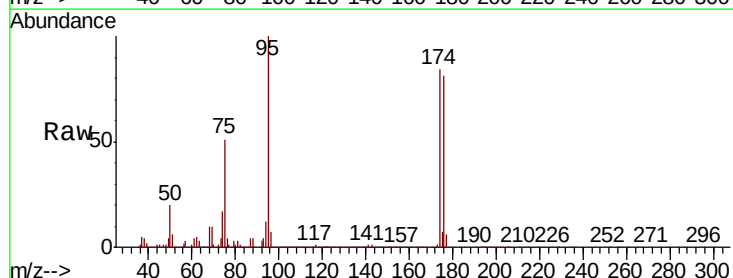
Instrument :
 MSVOA_X
 ClientSampleId :

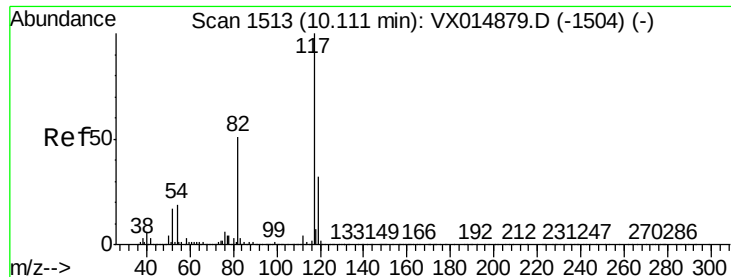
Tot Ion:107 Resp: 97457
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.796 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Tgt Ion: 95 Resp: 283135
 Ion Ratio Lower Upper
 95 100
 174 92.5 0.0 183.0
 176 89.4 0.0 178.0

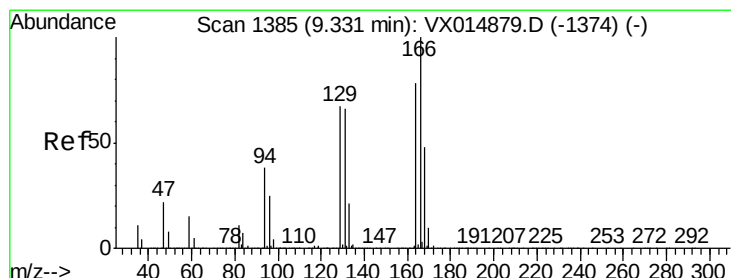
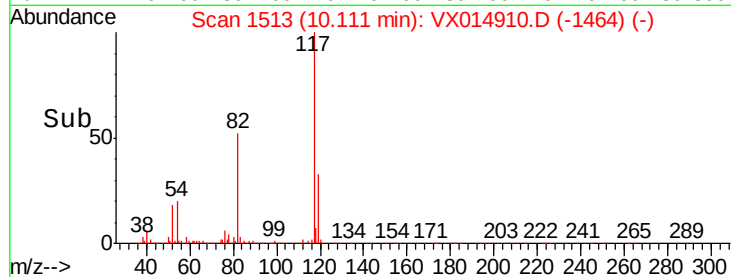
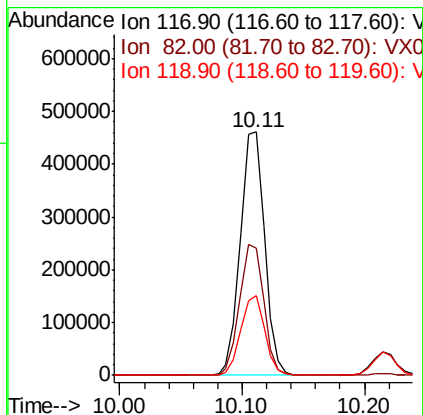
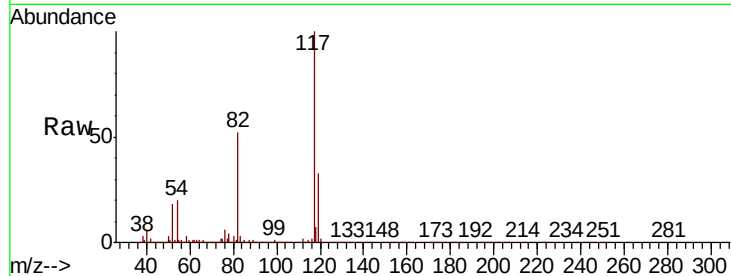




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

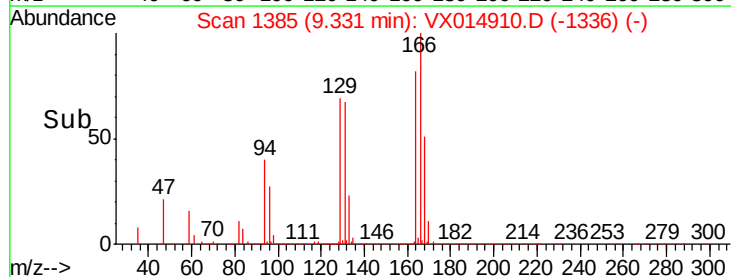
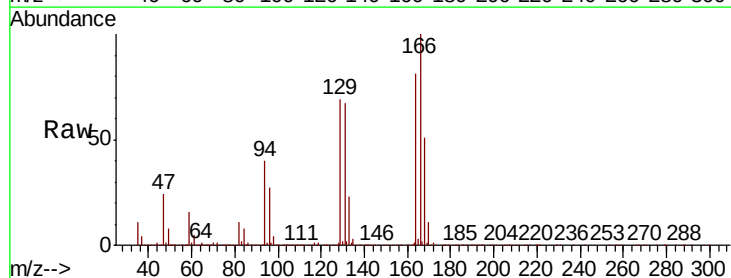
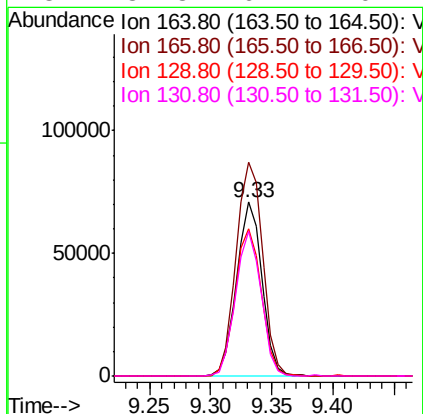
Instrument :
MSVOA_X
ClientSampleId :

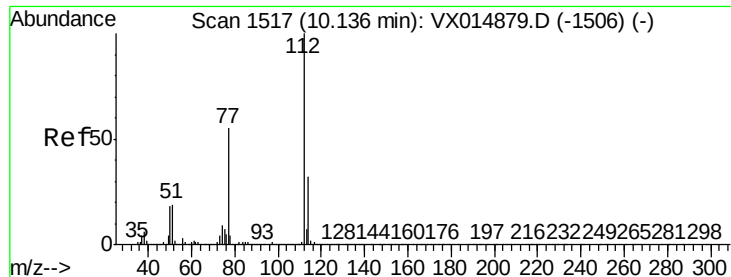
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	40.5	60.7
119	32.5	25.8	38.6



#64
Tetrachloroethene
Concen: 17.018 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.9	102.6	153.8
129	84.7	68.3	102.5
131	82.8	67.4	101.2

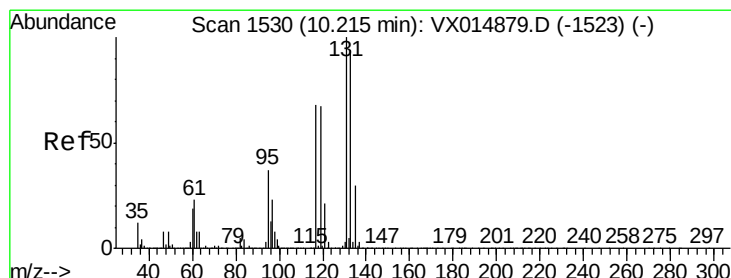
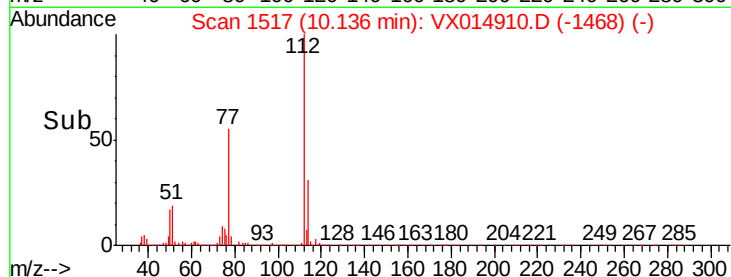
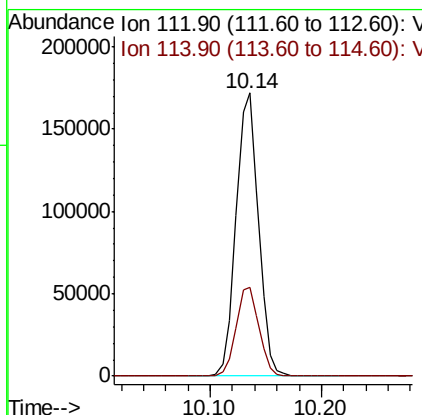
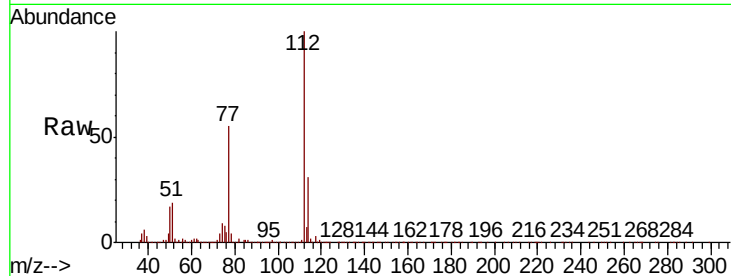




#65
Chlorobenzene
Concen: 18.546 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

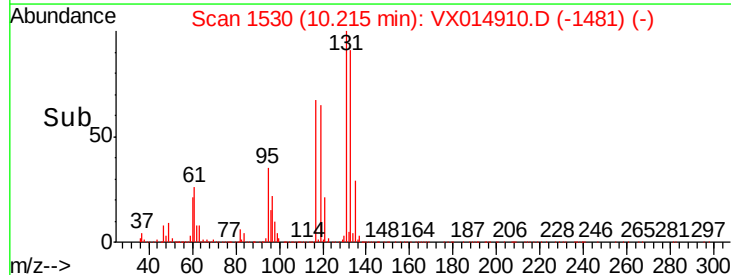
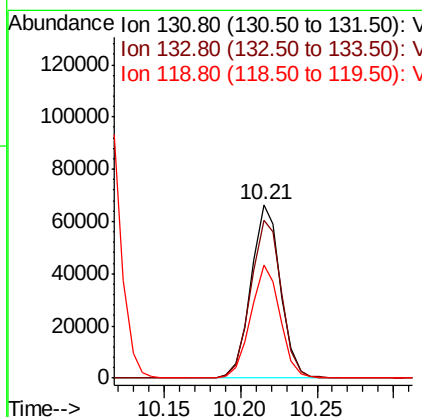
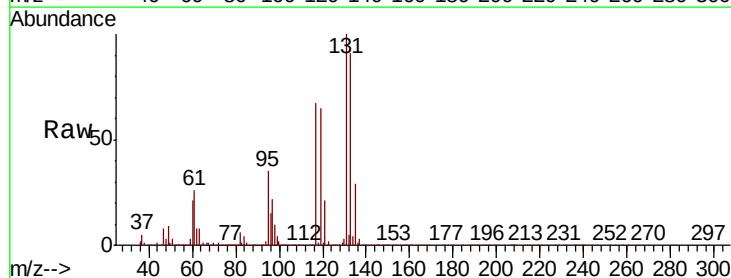
Instrument :
MSVOA_X
ClientSampleId :

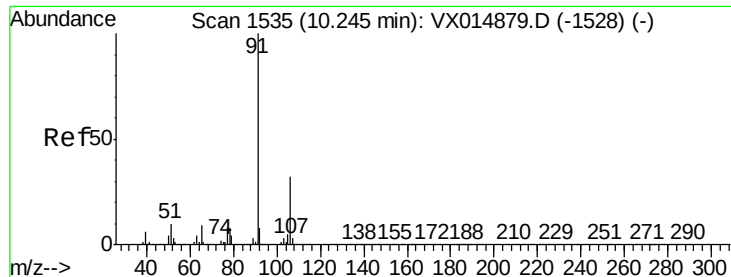
Tot Ion:112 Resp: 239135
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.968 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion:131 Resp: 88792
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.4
119 64.8 33.0 99.0





#67

Ethyl Benzene

Concen: 19.235 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

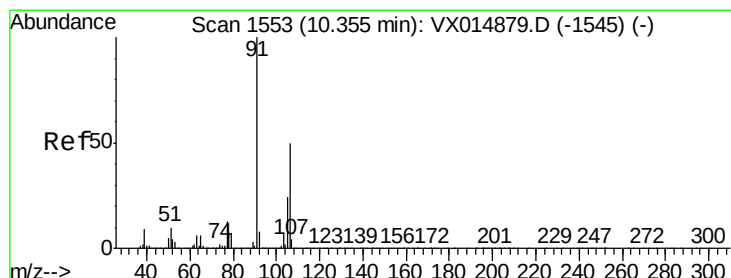
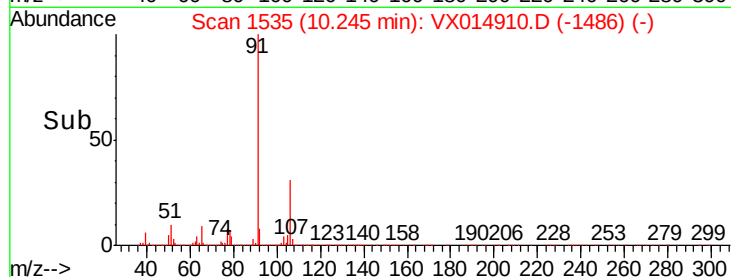
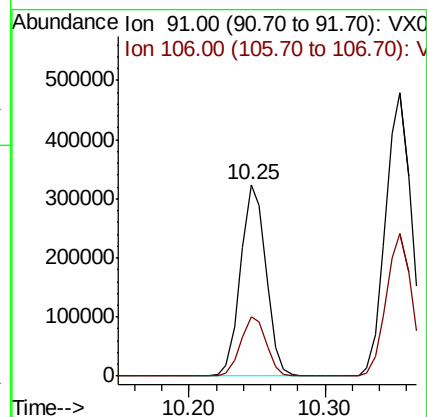
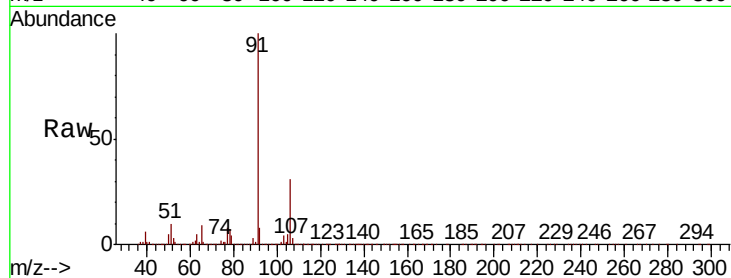
ClientSampleId :

Tot Ion: 91 Resp: 421822

Ion Ratio Lower Upper

91 100

106 31.3 25.3 37.9



#68

m/p-Xylenes

Concen: 37.579 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014910.D

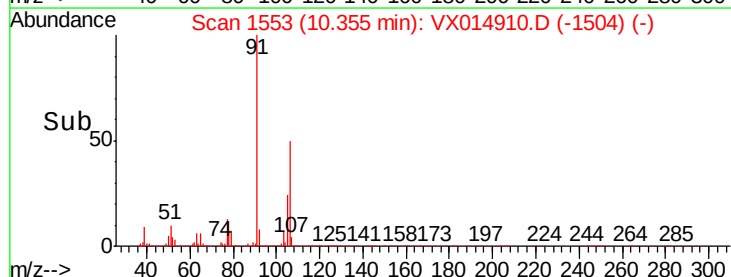
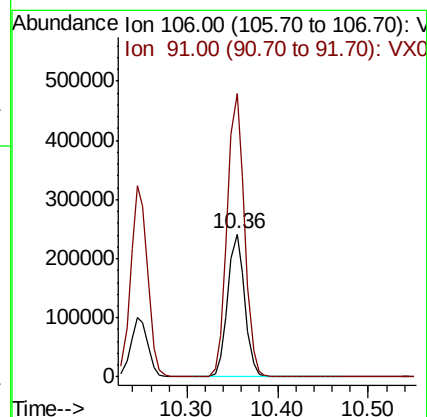
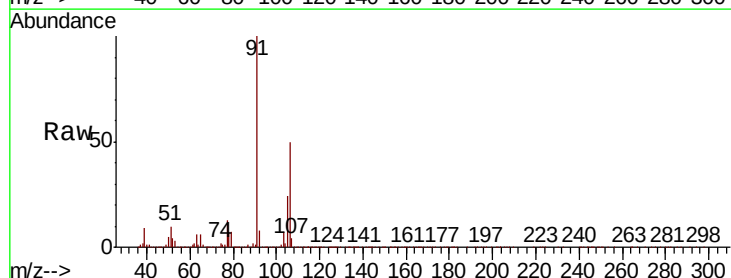
Acq: 11 Feb 2020 12:46

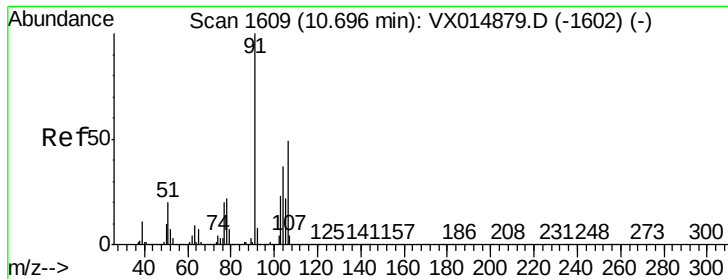
Tgt Ion: 106 Resp: 317463

Ion Ratio Lower Upper

106 100

91 201.3 160.6 240.8

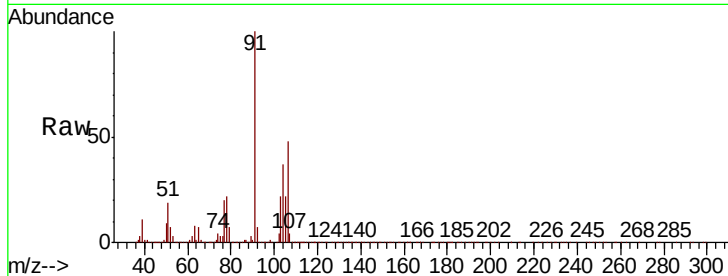




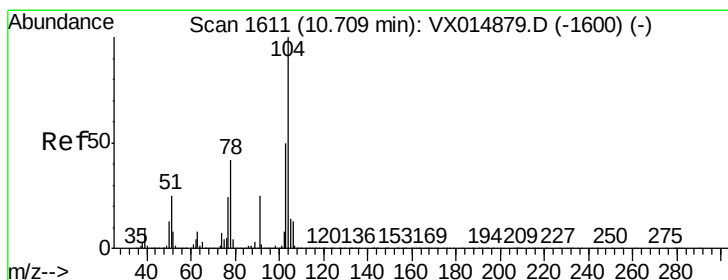
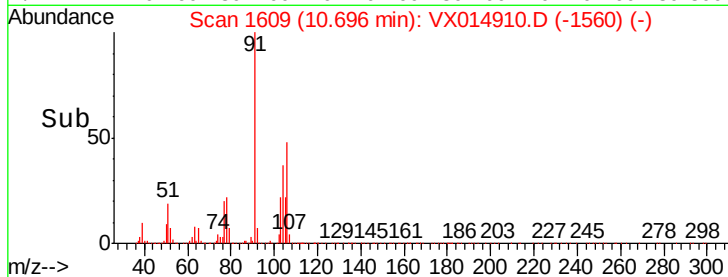
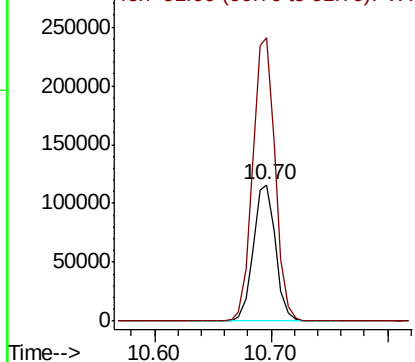
#69
o-Xylene
Concen: 18.868 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 153223
Ion Ratio Lower Upper
106 100
91 210.3 105.1 315.3

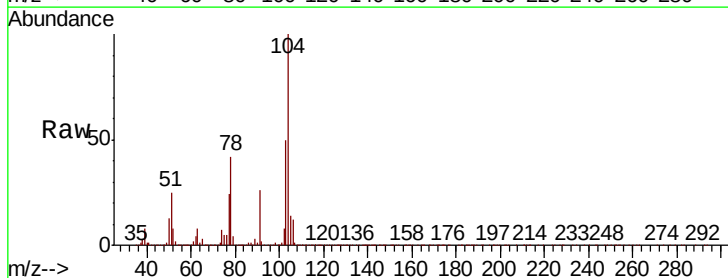


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

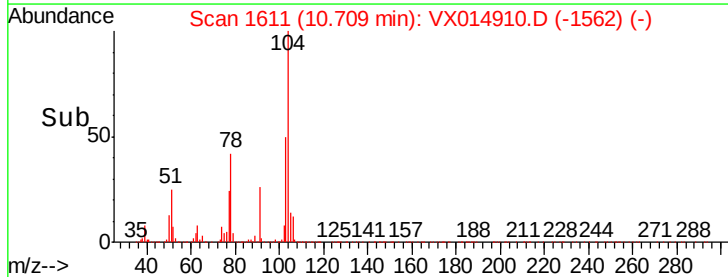
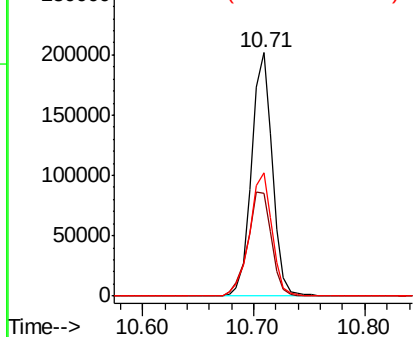


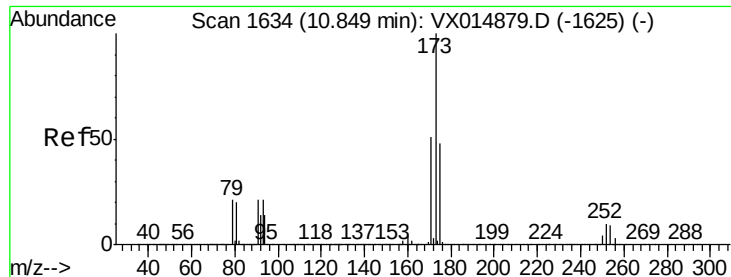
#70
Styrene
Concen: 19.051 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion:104 Resp: 261723
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.4
103 54.6 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.238 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

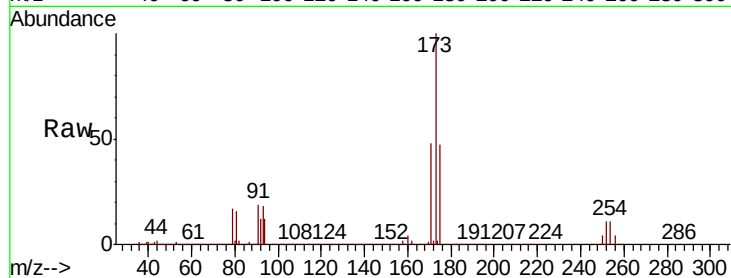
Tot Ion:173 Resp: 71265

Ion Ratio Lower Upper

173 100

175 48.7 24.2 72.6

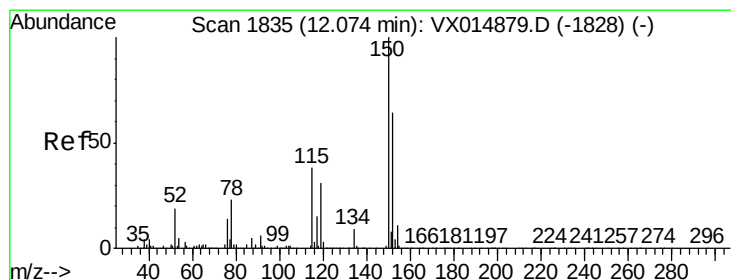
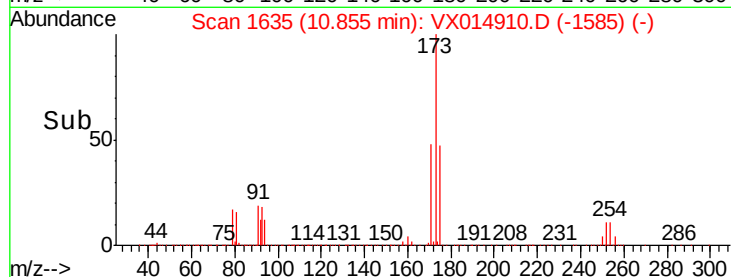
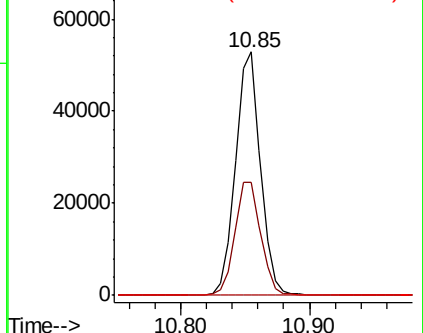
254 0.3 0.2 0.2#



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: VX014910.D

Acq: 11 Feb 2020 12:46

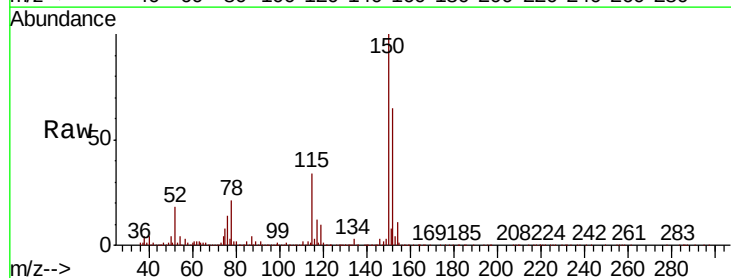
Tgt Ion:152 Resp: 340171

Ion Ratio Lower Upper

152 100

115 61.8 38.6 116.0

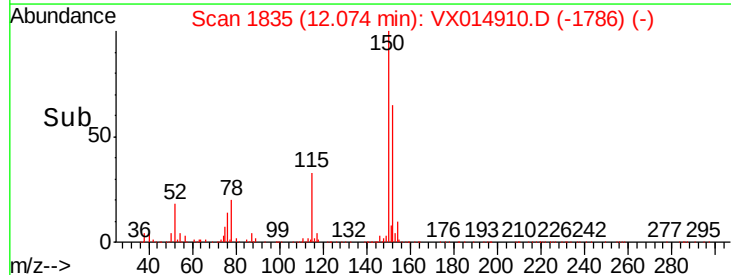
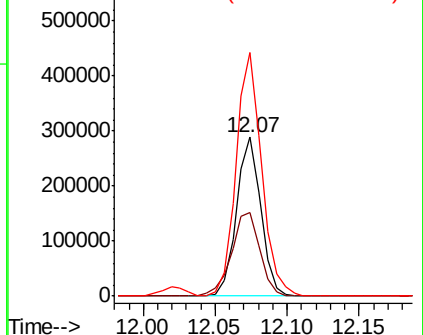
150 161.3 0.0 349.0

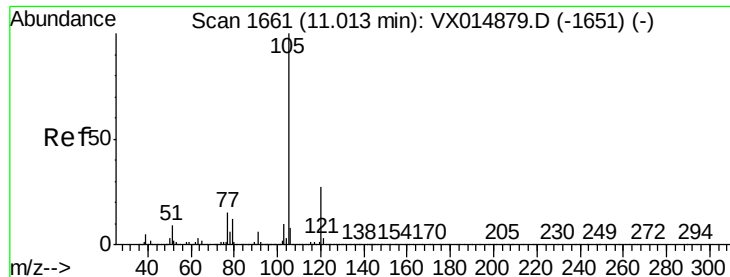


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.326 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

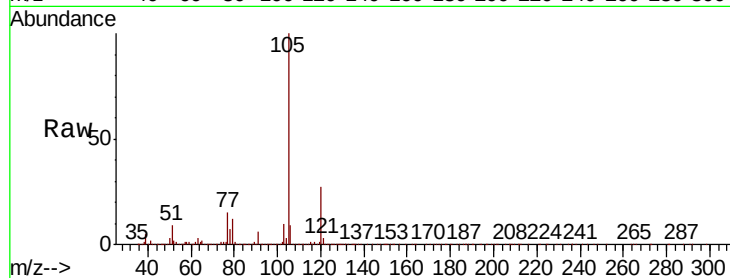
ClientSampleId :

Tot Ion:105 Resp: 412262

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

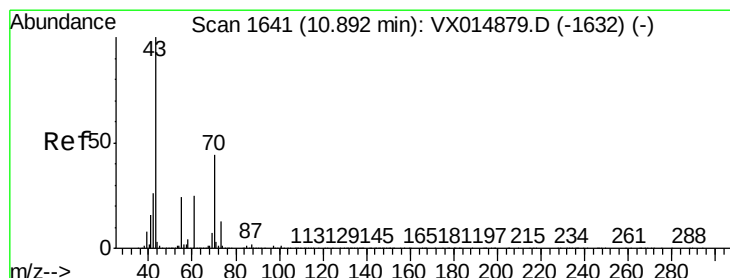
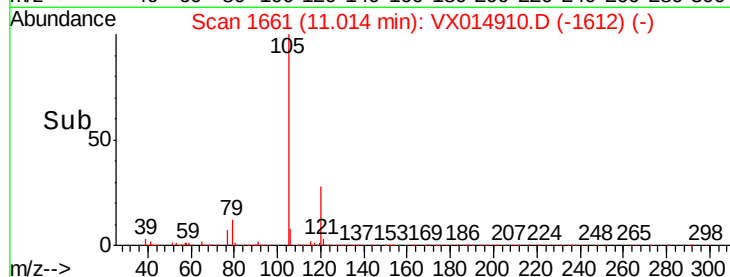
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-amyl acetate

Concen: 19.105 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Tgt Ion: 43 Resp: 169339

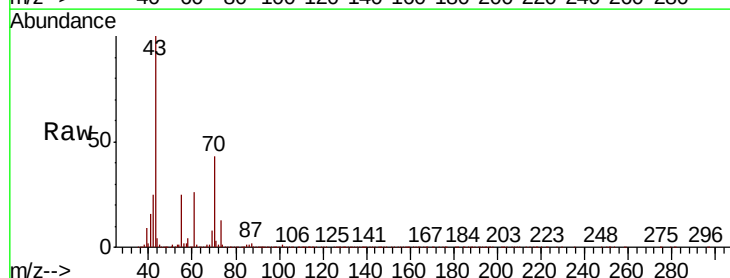
Ion Ratio Lower Upper

43 100

70 44.0 35.0 52.4

55 24.1 19.4 29.2

61 25.3 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

200000

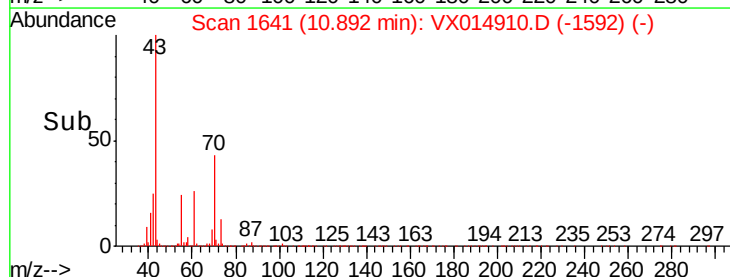
150000

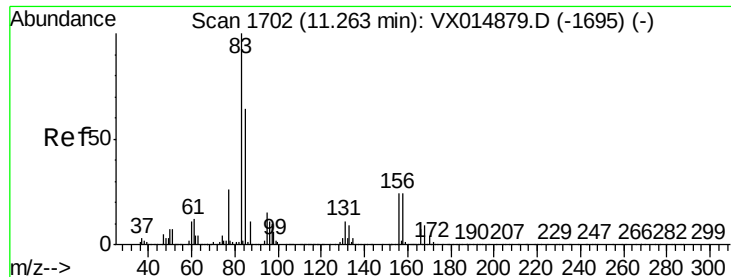
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 18.953 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

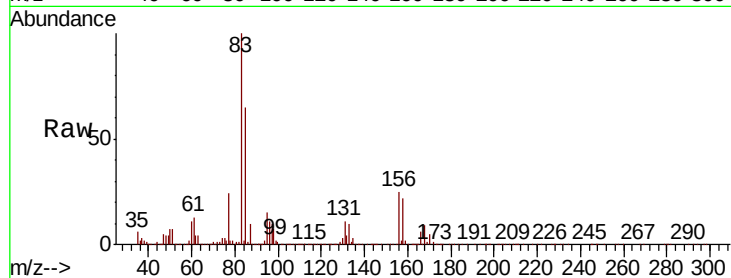
Tot Ion: 83 Resp: 132166

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

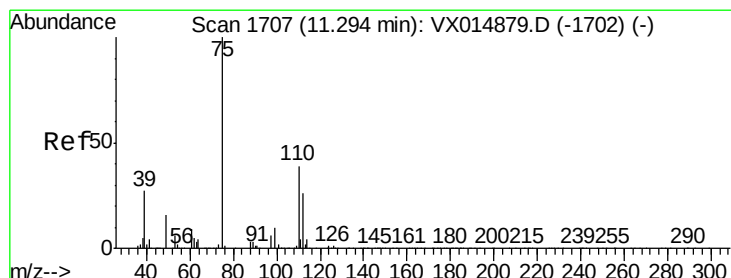
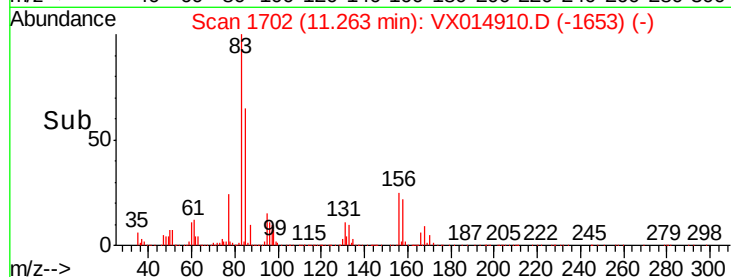
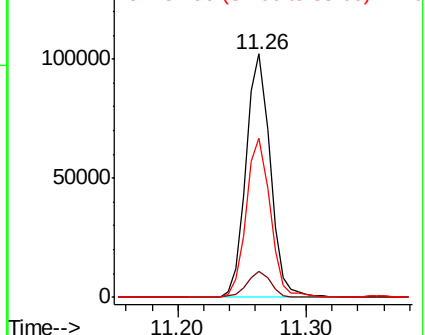
85 64.5 32.6 97.7



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: 24.987 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014910.D

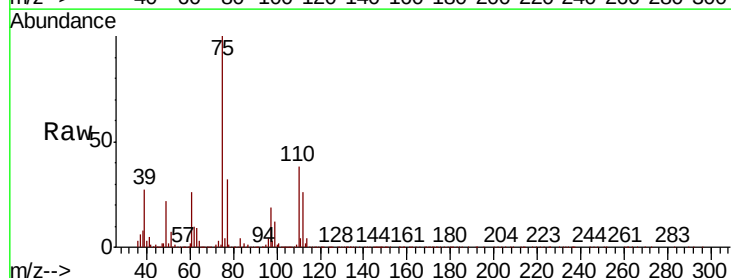
Acq: 11 Feb 2020 12:46

Tgt Ion: 75 Resp: 153704

Ion Ratio Lower Upper

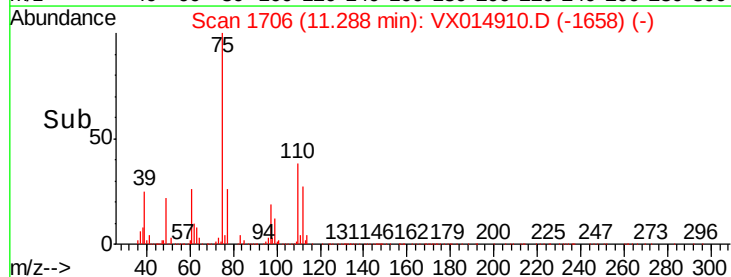
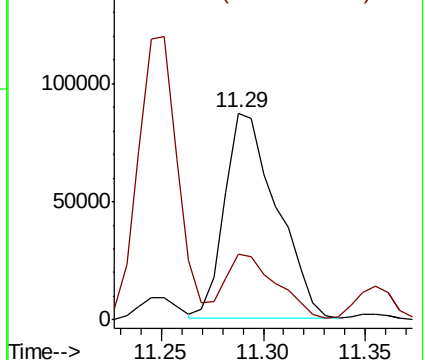
75 100

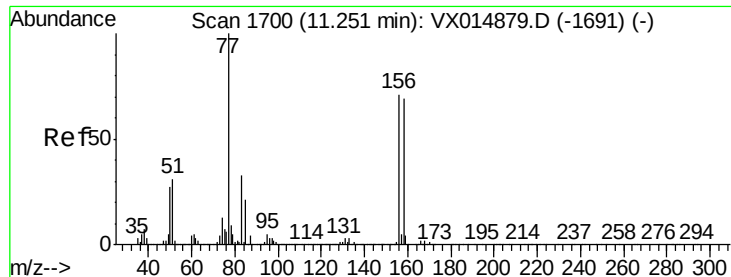
77 30.5 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.022 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

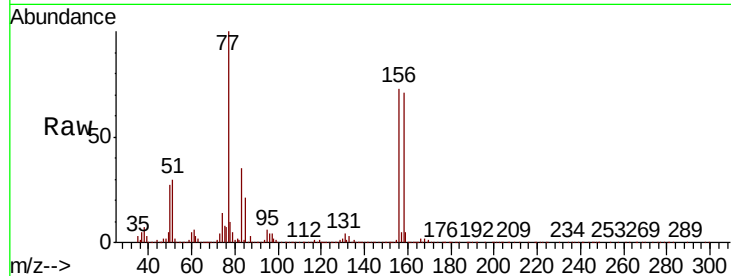
Tot Ion:156 Resp: 113258

Ion Ratio Lower Upper

156 100

77 141.5 74.0 222.0

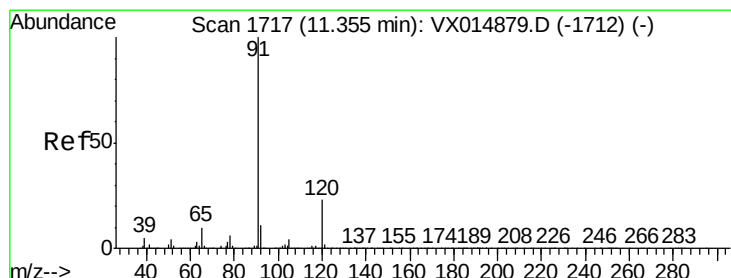
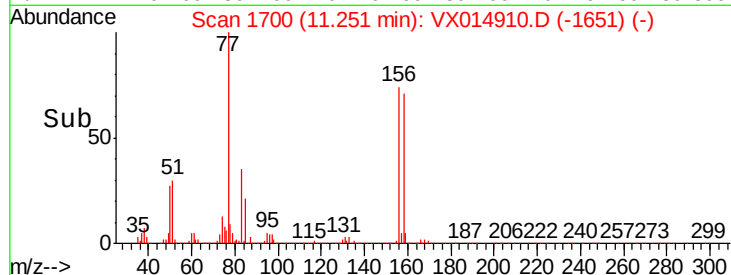
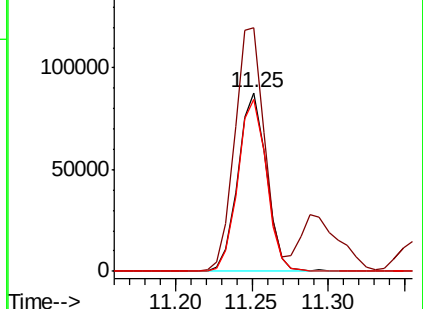
158 97.0 48.9 146.6



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: 18.865 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014910.D

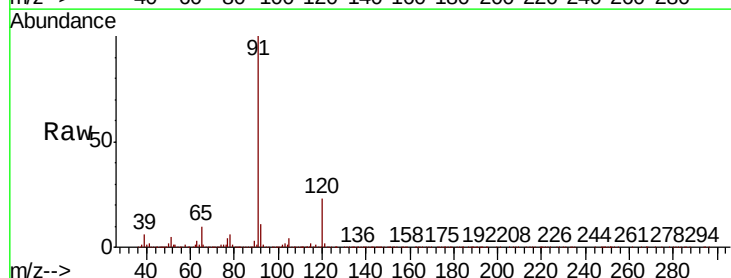
Acq: 11 Feb 2020 12:46

Tgt Ion: 91 Resp: 465453

Ion Ratio Lower Upper

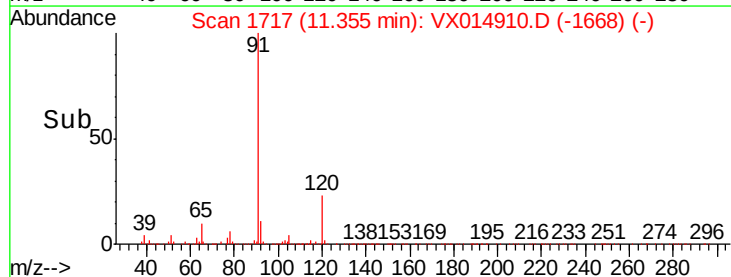
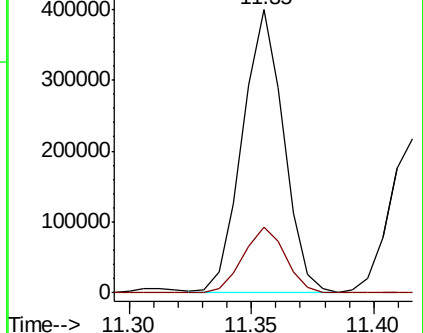
91 100

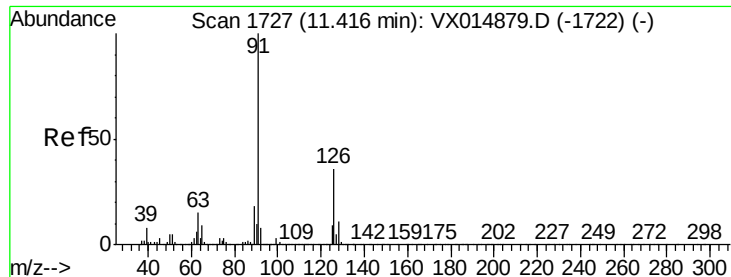
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

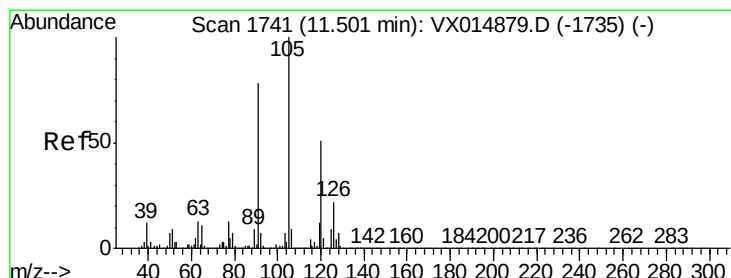
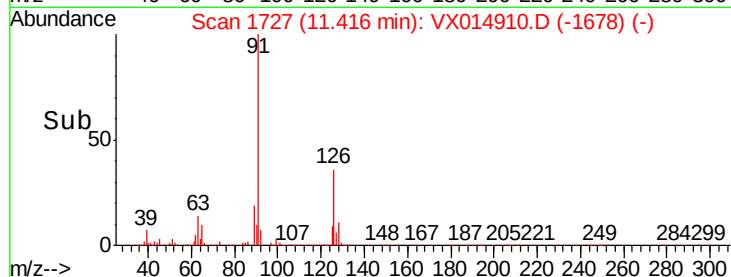
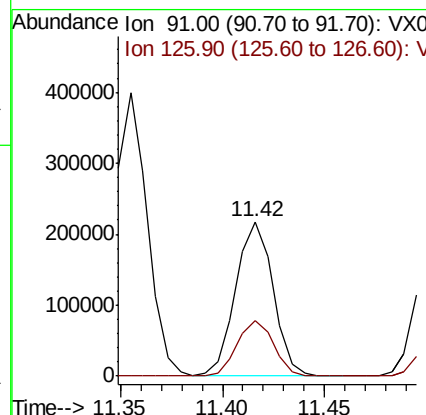
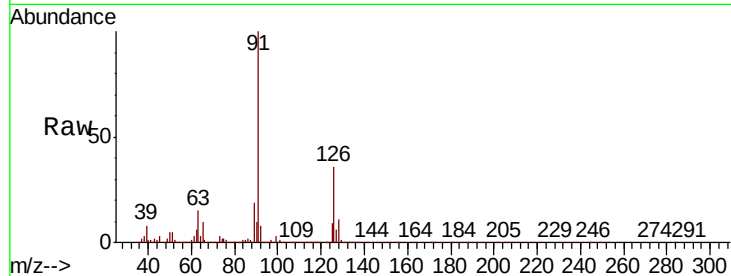




#79
2-Chlorotoluene
Concen: 18.879 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

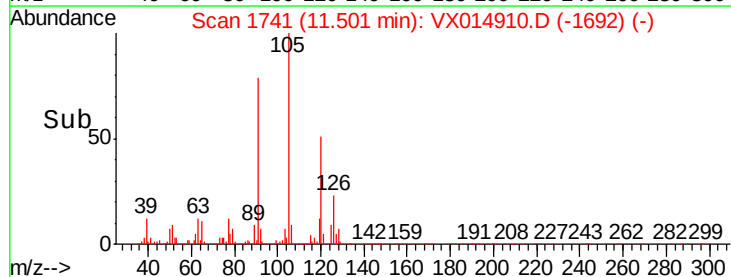
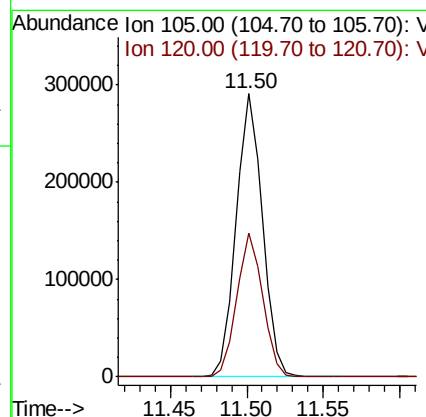
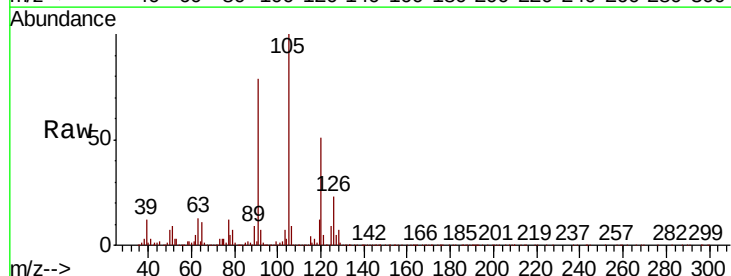
Instrument :
MSVOA_X
ClientSampled :

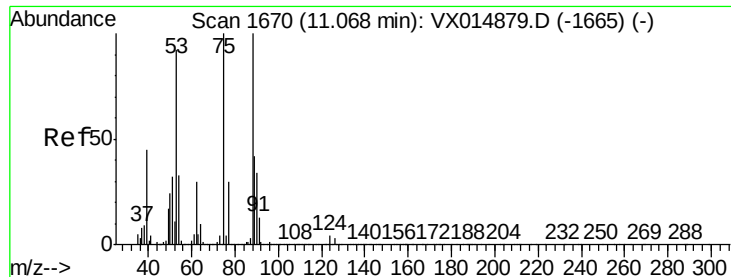
Tot Ion: 91 Resp: 273837
Ion Ratio Lower Upper
91 100
126 35.6 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 19.362 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion: 105 Resp: 345124
Ion Ratio Lower Upper
105 100
120 50.6 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.563 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampled :

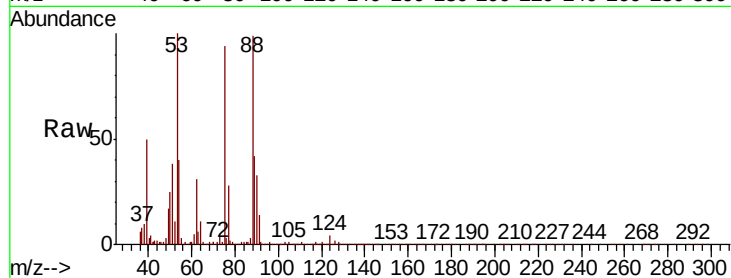
Tot Ion: 75 Resp: 42207

Ion Ratio Lower Upper

75 100

53 101.4 76.2 114.2

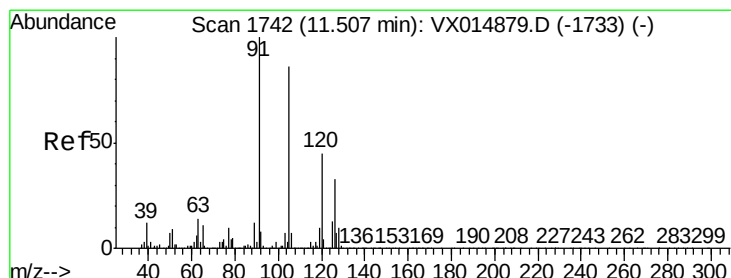
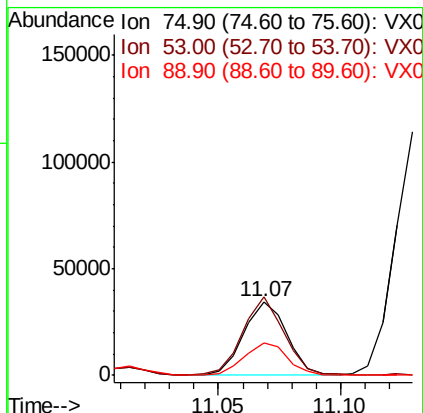
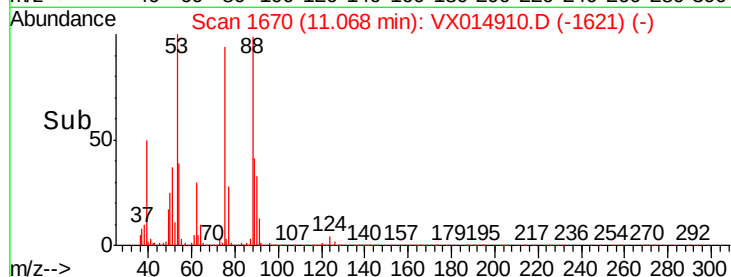
89 44.8 35.8 53.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.730 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014910.D

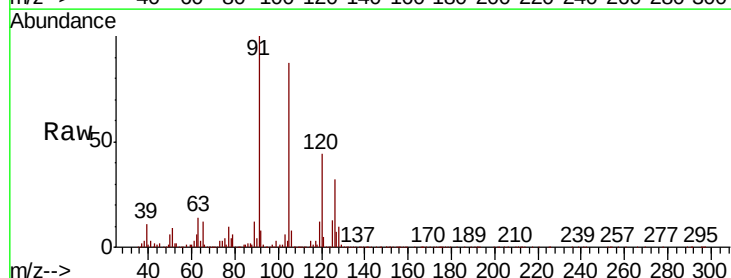
Acq: 11 Feb 2020 12:46

Tgt Ion: 91 Resp: 321739

Ion Ratio Lower Upper

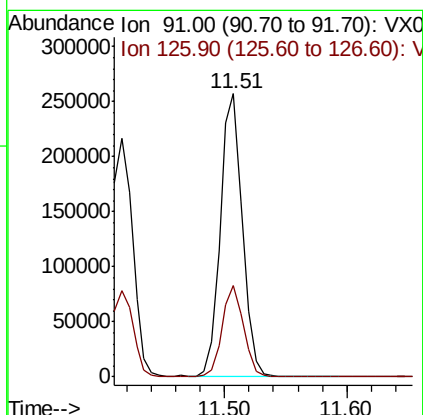
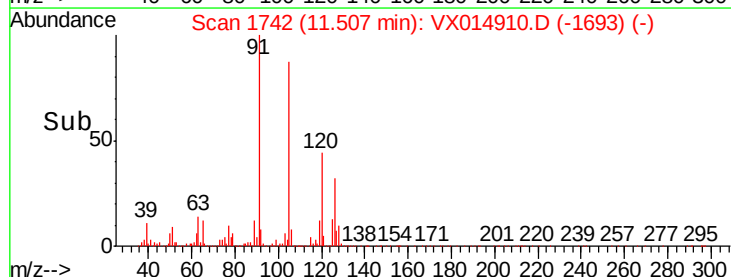
91 100

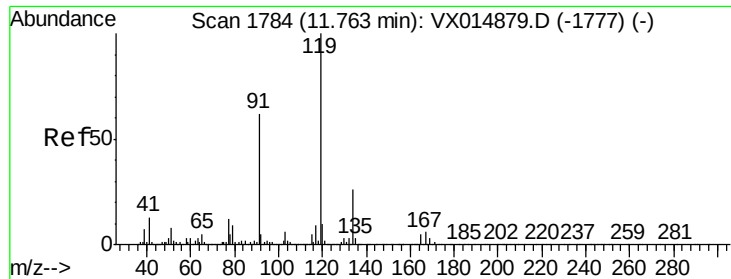
126 31.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

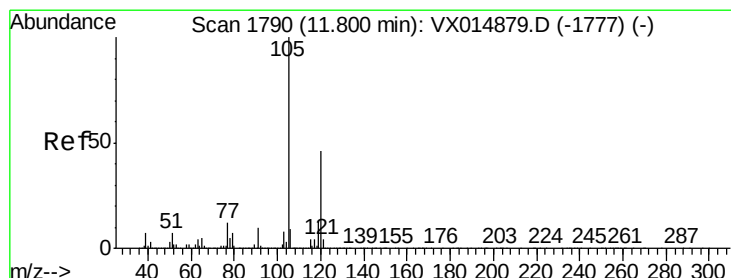
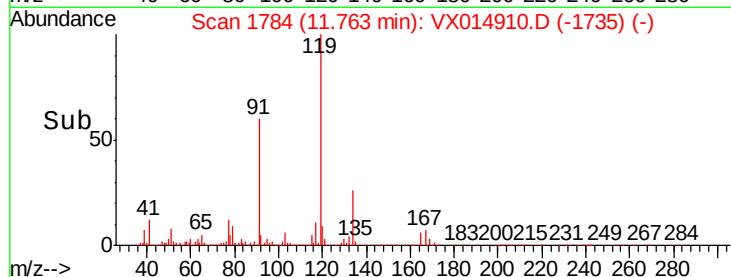
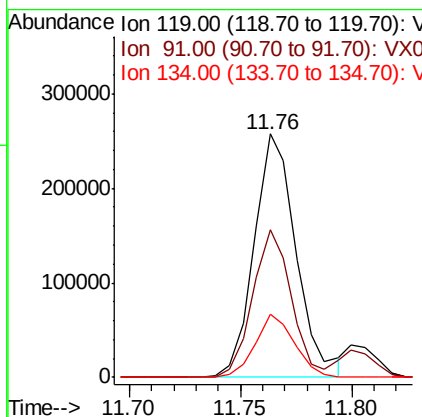
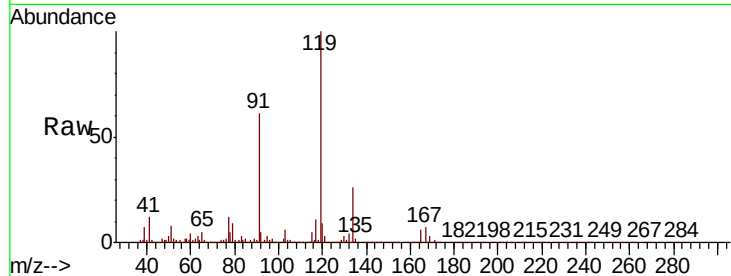




#83
 tert-Butylbenzene
 Concen: 20.037 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

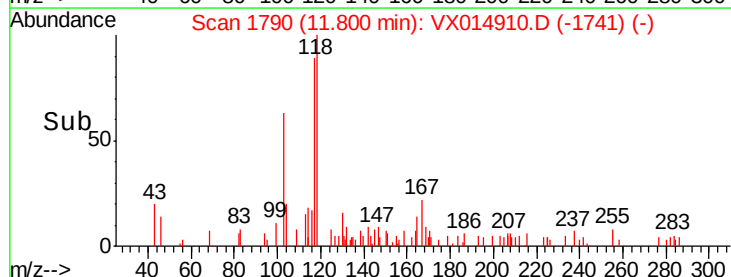
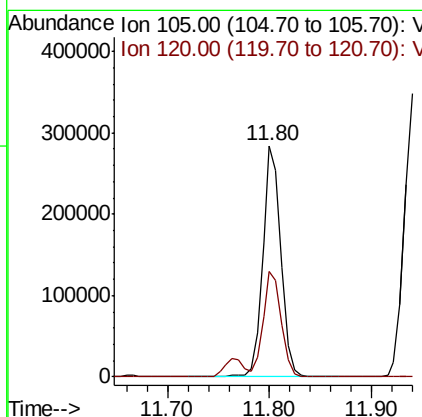
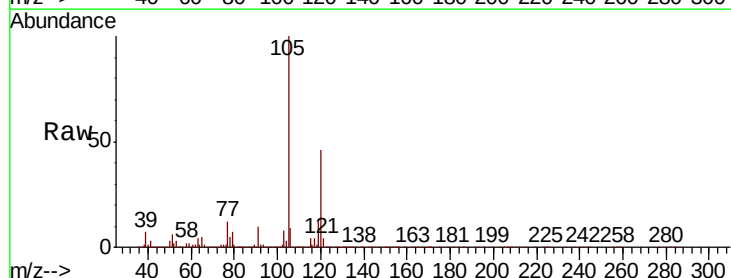
Instrument :
 MSVOA_X
 ClientSampleId :

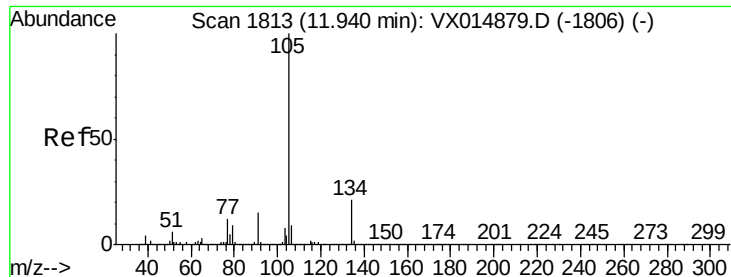
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.8	29.5	88.6
134	24.4	12.6	37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.497 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.0	69.0





#85

sec-Butylbenzene

Concen: 19.332 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

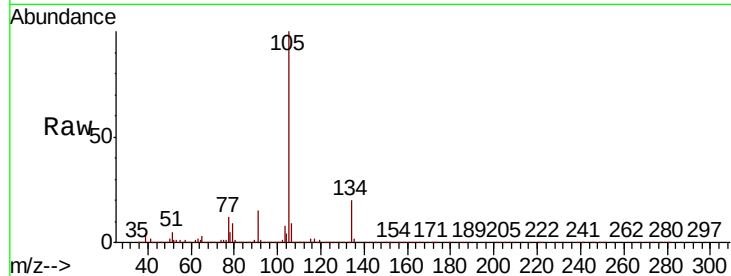
ClientSampleId :

Tot Ion:105 Resp: 405372

Ion Ratio Lower Upper

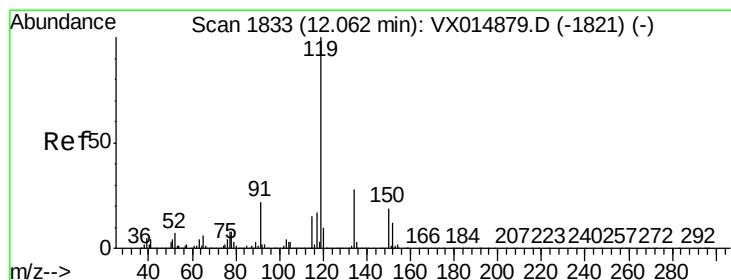
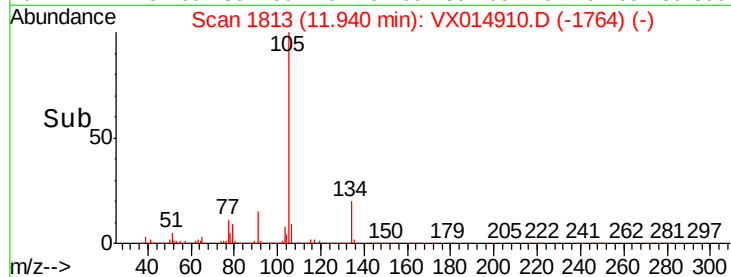
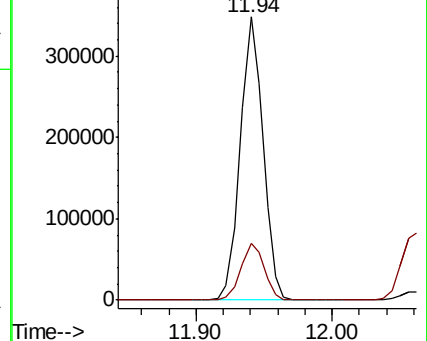
105 100

134 20.6 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: 19.020 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

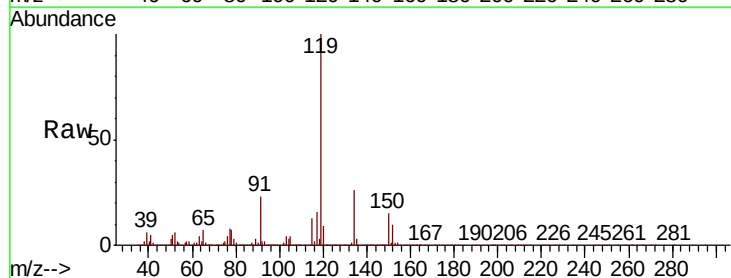
Tgt Ion:119 Resp: 373220

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

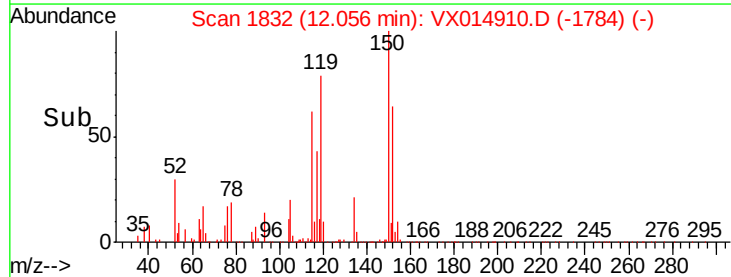
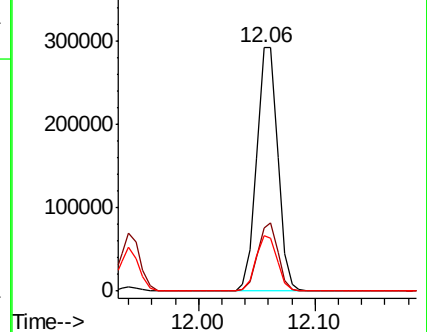
91 22.8 11.4 34.1

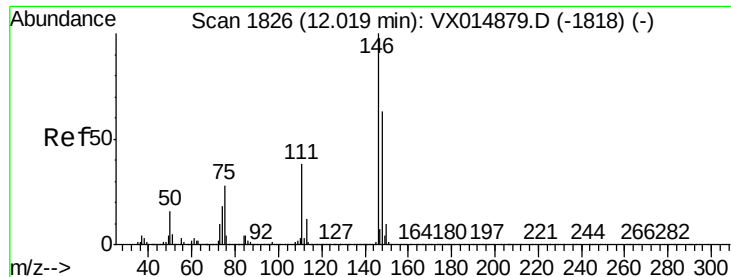


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

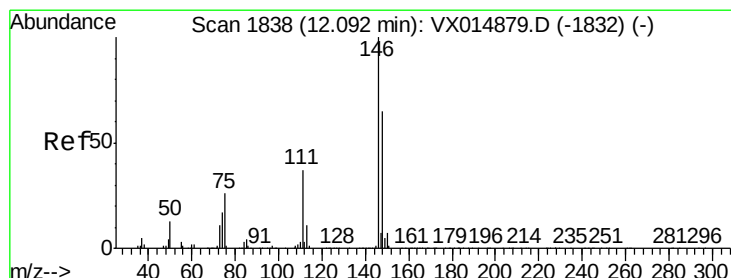
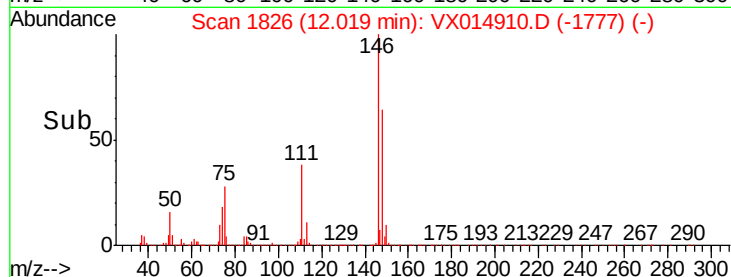
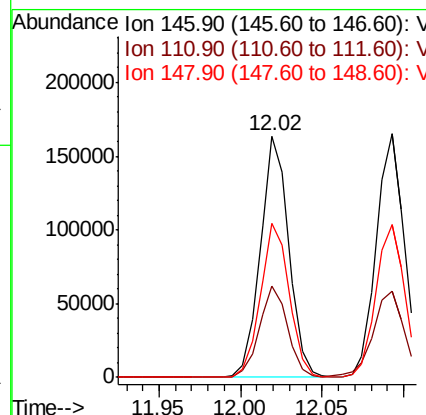
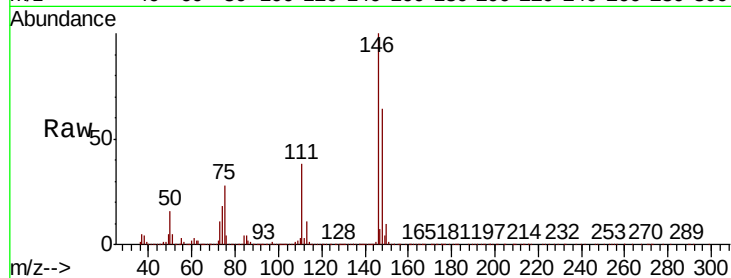




#87
 1,3-Dichlorobenzene
 Concen: 18.574 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

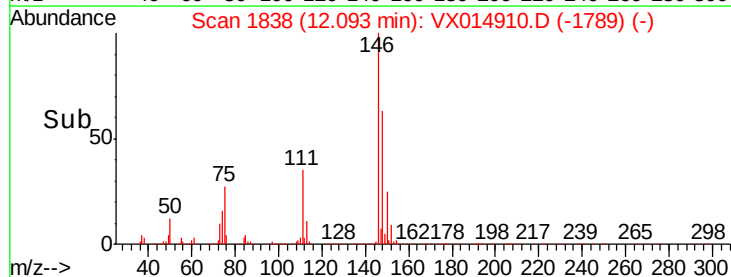
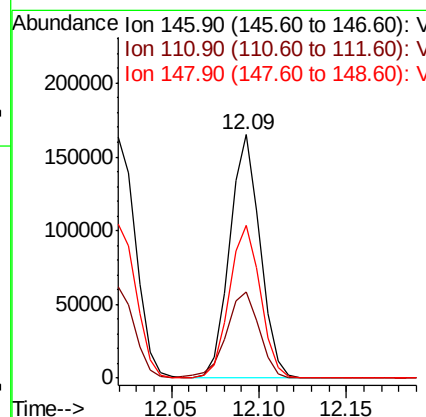
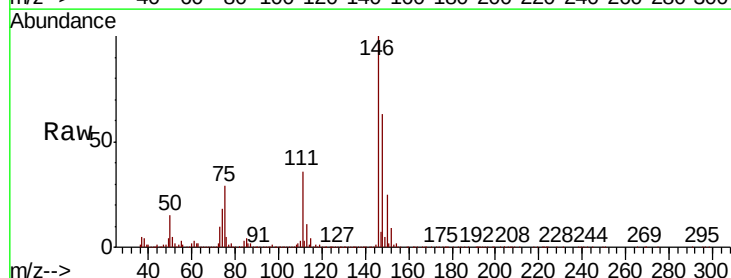
Instrument :
 MSVOA_X
 ClientSampleId :

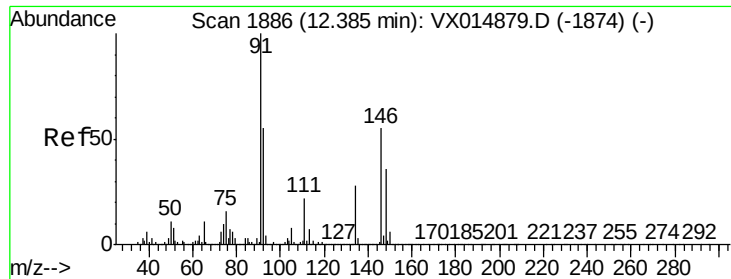
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	56.0
148	64.1	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.212 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.6	55.6
148	64.2	32.4	97.0

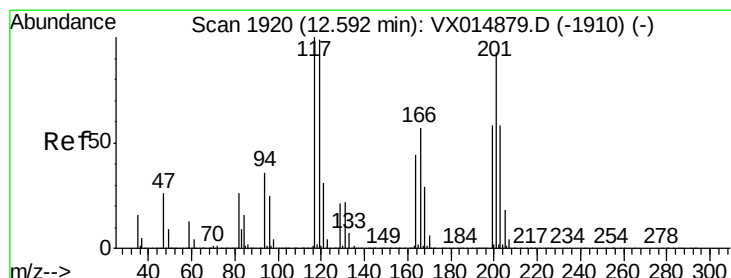
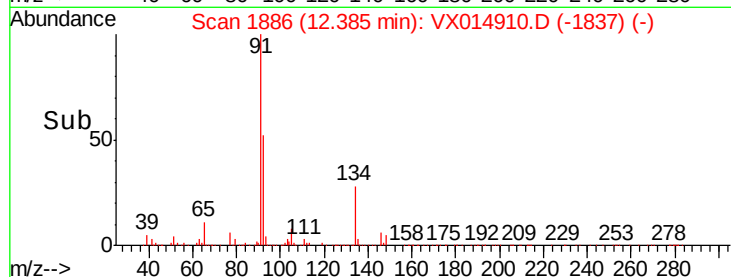
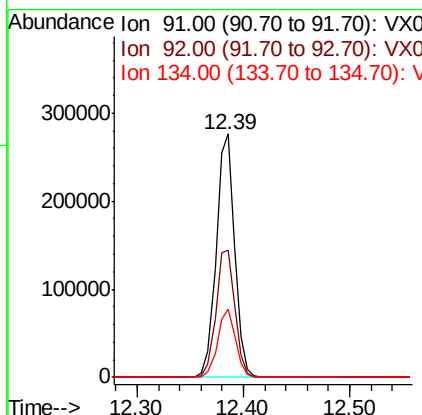
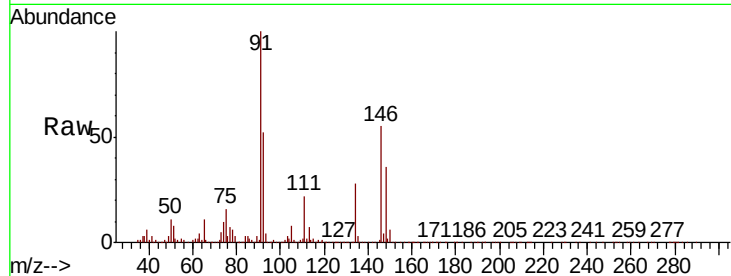




#89
n-Butylbenzene
Concen: 18.651 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

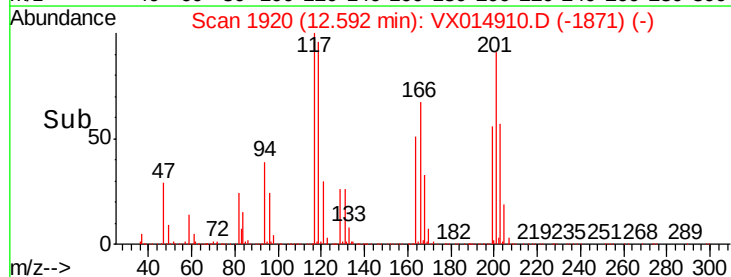
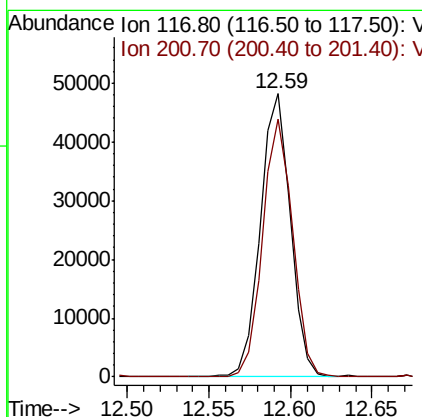
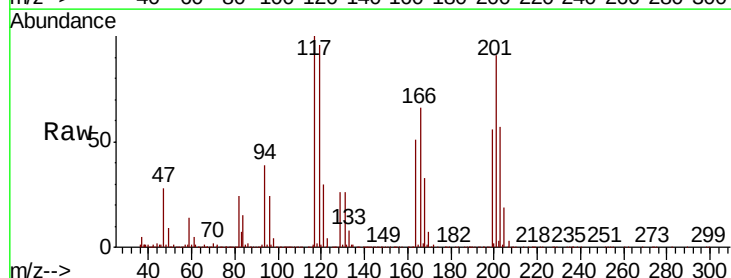
Instrument :
MSVOA_X
ClientSampleId :

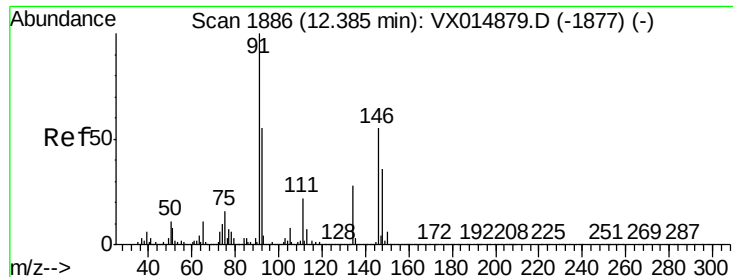
Tot Ion: 91 Resp: 327768
Ion Ratio Lower Upper
91 100
92 54.1 27.3 81.8
134 27.6 13.8 41.4



#90
Hexachloroethane
Concen: 17.885 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion: 117 Resp: 61286
Ion Ratio Lower Upper
117 100
201 91.5 44.8 134.3

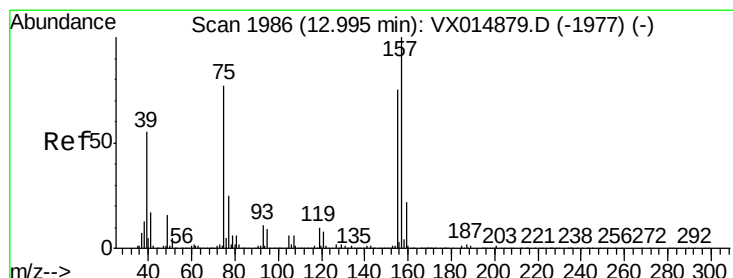
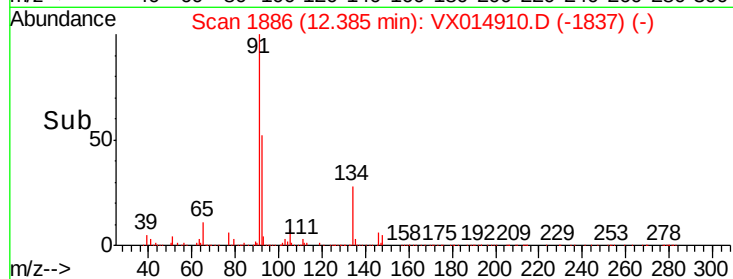
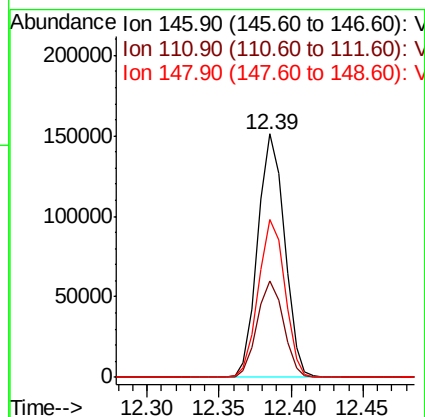
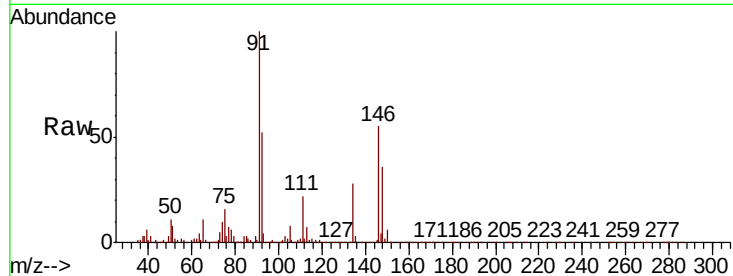




#91
 1,2-Dichlorobenzene
 Concen: 18.529 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

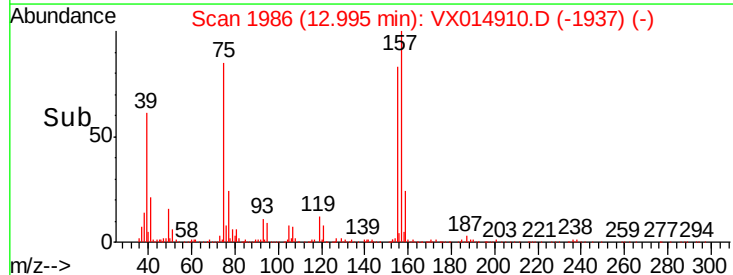
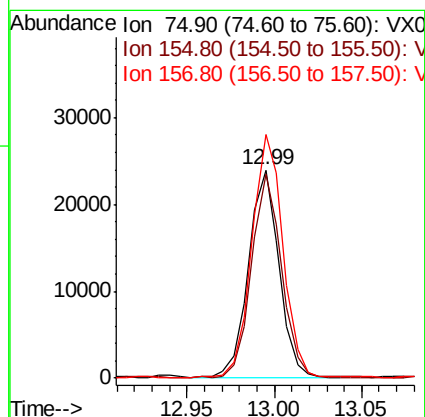
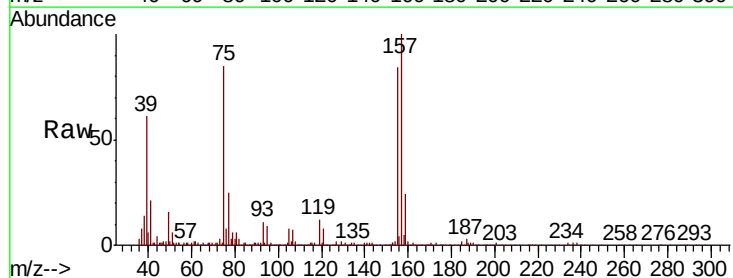
Instrument :
 MSVOA_X
 ClientSampleId :

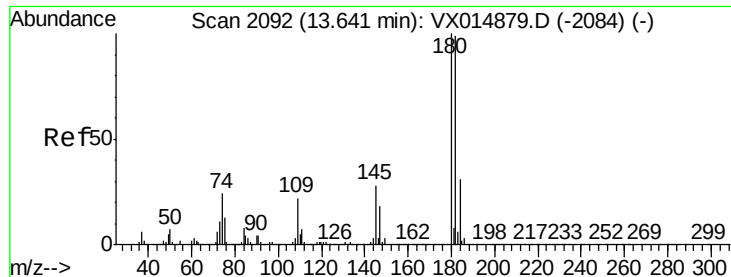
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.8	59.3
148	64.4	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.540 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	48.6	145.9
157	121.2	62.0	186.0

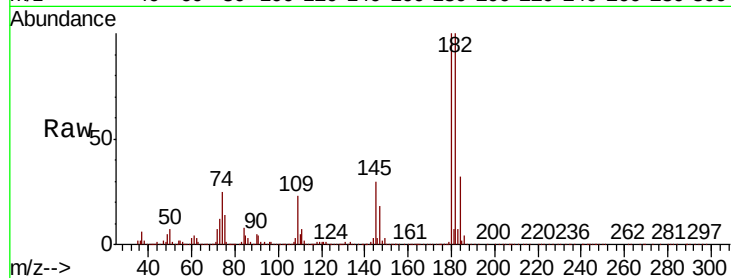




#93
 1,2,4-Trichlorobenzene
 Concen: 18.088 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	48.4	145.3
145	28.6	14.1	42.4

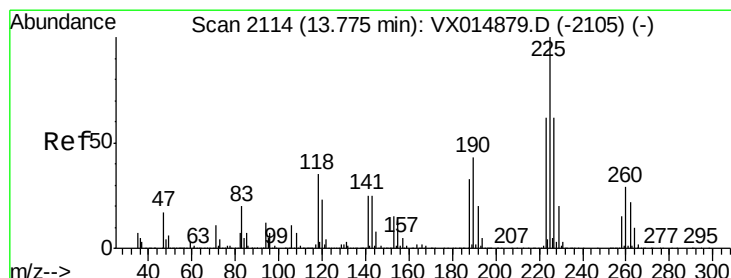
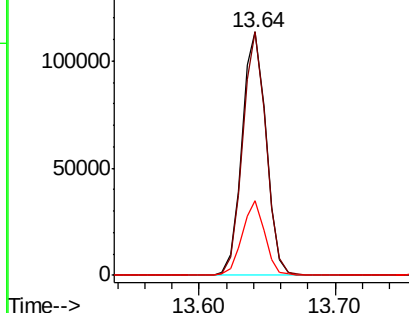
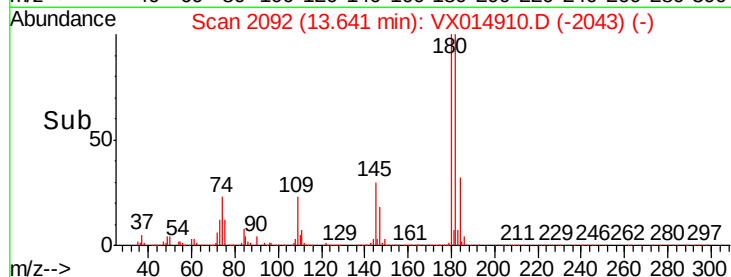


Abundance

Ion 179.80 (179.50 to 180.50): V

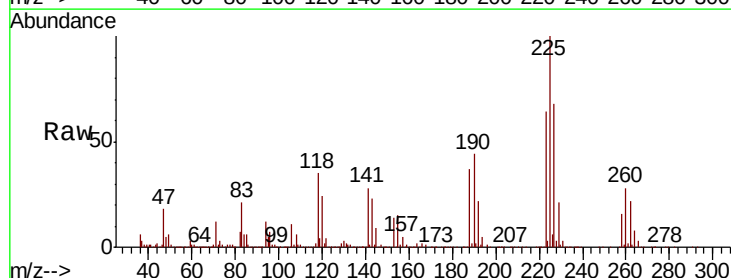
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.352 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.1	93.2
227	66.6	30.9	92.5

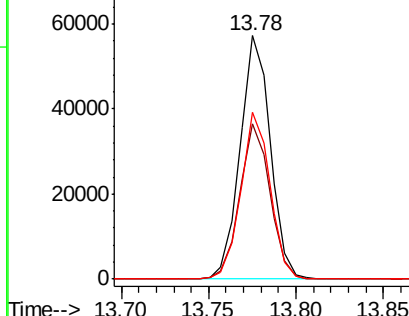
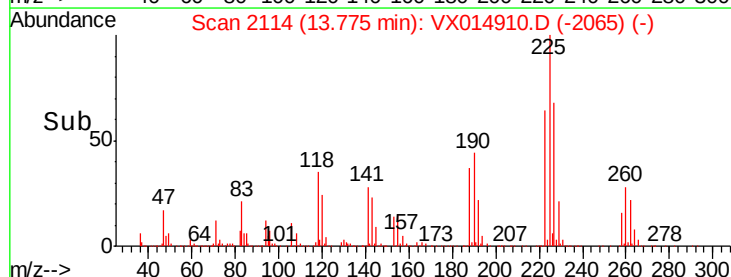


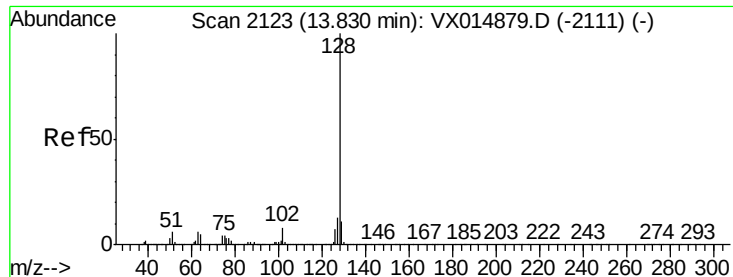
Abundance

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

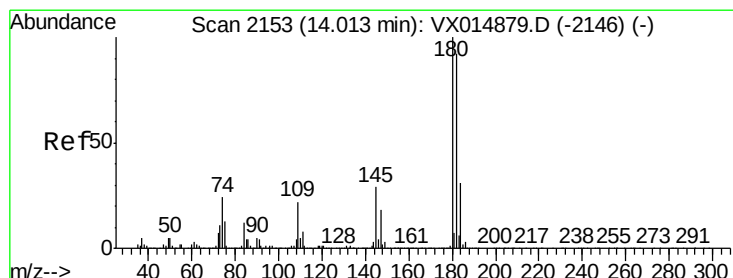
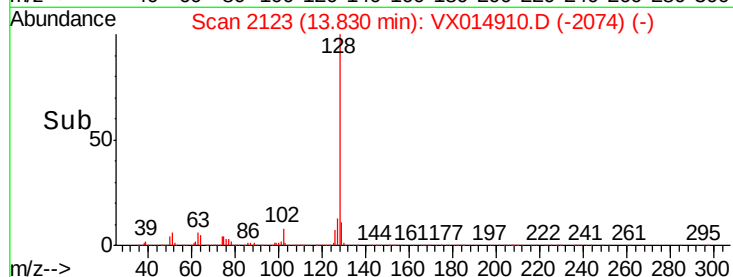
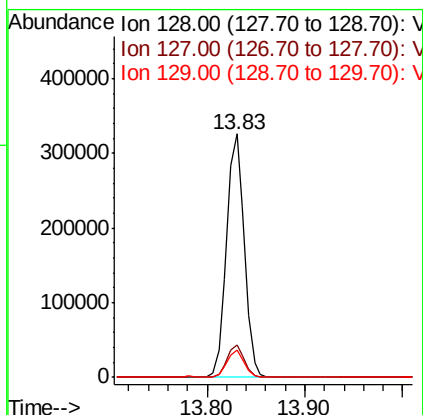
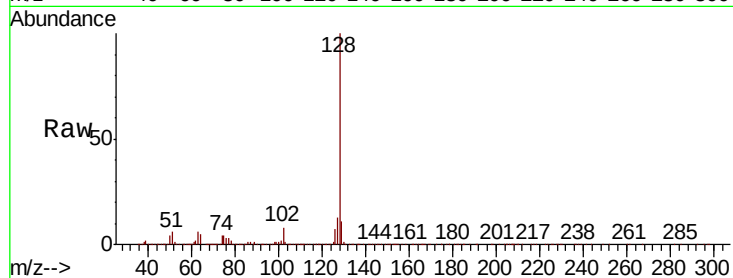




#95
Naphthalene
Concen: 19.977 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.6	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.749 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.6
145	30.1	14.5	43.5

