

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021120\
 Data File : VX014904.D
 Acq On : 11 Feb 2020 09:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 12 05:39:16 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	464414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	673649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	621209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333151	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	244922	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
35) Dibromofluoromethane	5.48	113	202688	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
50) Toluene-d8	8.71	98	771819	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	11.13	95	282130	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	238642	54.260	ug/l	99
3) Chloromethane	1.32	50	251359	50.410	ug/l	100
4) Vinyl Chloride	1.40	62	267582	49.815	ug/l	99
5) Bromomethane	1.63	94	165571	47.620	ug/l	97
6) Chloroethane	1.72	64	165339	48.106	ug/l	99
7) Trichlorofluoromethane	1.92	101	378036	50.372	ug/l	100
8) Diethyl Ether	2.18	74	153455	49.309	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	217522	49.933	ug/l	100
10) Methyl Iodide	2.50	142	250028	51.354	ug/l	99
11) Tert butyl alcohol	3.02	59	230766	249.364	ug/l	100
12) 1,1-Dichloroethene	2.37	96	212196	49.849	ug/l	97
13) Acrolein	2.28	56	149393	211.809	ug/l	98
14) Allyl chloride	2.72	41	363969	48.226	ug/l	99
15) Acrylonitrile	3.13	53	566995	241.684	ug/l	99
16) Acetone	2.43	43	702375	249.446	ug/l	98
17) Carbon Disulfide	2.56	76	572524	48.137	ug/l	100
18) Methyl Acetate	2.76	43	252792	47.889	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	696160	50.251	ug/l	98
20) Methylene Chloride	2.85	84	233524	46.316	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	227298	48.392	ug/l	98
22) Diisopropyl ether	3.84	45	721628	50.063	ug/l	89
23) Vinyl Acetate	3.80	43	3140600	264.302	ug/l	100
24) 1,1-Dichloroethane	3.69	63	402105	49.428	ug/l	99
25) 2-Butanone	4.65	43	890148	249.463	ug/l	98
26) 2,2-Dichloropropane	4.57	77	344138	49.086	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	256752	48.900	ug/l	99
28) Bromochloromethane	5.00	49	158217	50.175	ug/l	99
29) Tetrahydrofuran	5.11	42	508990	250.928	ug/l	99
30) Chloroform	5.20	83	400691	49.643	ug/l	97
31) Cyclohexane	5.57	56	372901	50.326	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	352172	49.880	ug/l	99
36) 1,1-Dichloropropene	5.79	75	309683	51.391	ug/l	99
37) Ethyl Acetate	4.81	43	319775	50.879	ug/l	100
38) Carbon Tetrachloride	5.77	117	306752	52.235	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	395870	52.528	ug/l	99
40) Benzene	6.13	78	918529	51.016	ug/l	99
41) Methacrylonitrile	5.03	41	175524	51.840	ug/l	99
42) 1,2-Dichloroethane	6.18	62	326269	50.138	ug/l	99
43) Isopropyl Acetate	6.43	43	534284	51.532	ug/l	99
44) Trichloroethene	7.20	130	259194	49.590	ug/l	98
45) 1,2-Dichloropropane	7.50	63	232828	50.706	ug/l	100
46) Dibromomethane	7.65	93	157328	50.125	ug/l	99
47) Bromodichloromethane	7.89	83	315220	50.651	ug/l	98
48) Methyl methacrylate	7.76	41	266505	52.231	ug/l	99
49) 1,4-Dioxane	7.73	88	105679	1107.756	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1612696	257.603	ug/l	100
52) Toluene	8.78	92	589058	51.512	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	354007	51.904	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	387609	51.444	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	232653	50.286	ug/l	99
56) Ethyl methacrylate	9.17	69	370128	53.224	ug/l	100
57) 1,3-Dichloropropane	9.36	76	391037	50.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	865061	237.858	ug/l	100
59) 2-Hexanone	9.48	43	1303176	264.832	ug/l	99
60) Dibromochloromethane	9.57	129	256247	51.466	ug/l	98
61) 1,2-Dibromoethane	9.67	107	247059	49.491	ug/l	99
64) Tetrachloroethene	9.33	164	278330	47.921	ug/l	97
65) Chlorobenzene	10.13	112	640663	50.847	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	240187	52.508	ug/l	99
67) Ethyl Benzene	10.25	91	1130816	52.772	ug/l	100
68) m/p-Xylenes	10.36	106	870131	105.408	ug/l	100
69) o-Xylene	10.69	106	416877	52.535	ug/l	100
70) Styrene	10.71	104	718231	53.502	ug/l	100
71) Bromoform	10.85	173	198873	52.086	ug/l	99
73) Isopropylbenzene	11.01	105	1124110	53.805	ug/l	100
74) N-amyl acetate	10.89	43	468966	54.023	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	349003	51.102	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	408829	67.862	ug/l	92
77) Bromobenzene	11.25	156	296668	50.875	ug/l	99
78) n-propylbenzene	11.35	91	1282485	53.074	ug/l	100
79) 2-Chlorotoluene	11.42	91	745816	52.501	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	941358	53.925	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	120921	51.377	ug/l	97
82) 4-Chlorotoluene	11.51	91	872691	51.875	ug/l	100
83) tert-Butylbenzene	11.76	119	900755	54.490	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	952237	54.128	ug/l	99
85) sec-Butylbenzene	11.94	105	1101168	53.622	ug/l	100
86) p-Isopropyltoluene	12.06	119	1027104	53.447	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	533656	51.013	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	526522	49.287	ug/l	100
89) n-Butylbenzene	12.39	91	895015	52.003	ug/l	99
90) Hexachloroethane	12.59	117	180496	53.783	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	525837	51.257	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76899	47.995	ug/l	99

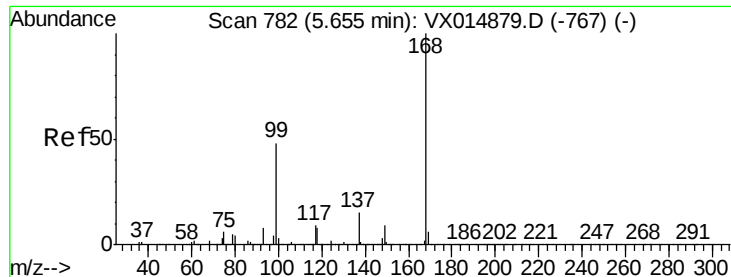
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021120\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	382547	50.520	ug/l	100
94) Hexachlorobutadiene	13.78	225	187306	51.141	ug/l	97
95) Naphthalene	13.83	128	1089271	54.103	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	378654	51.759	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

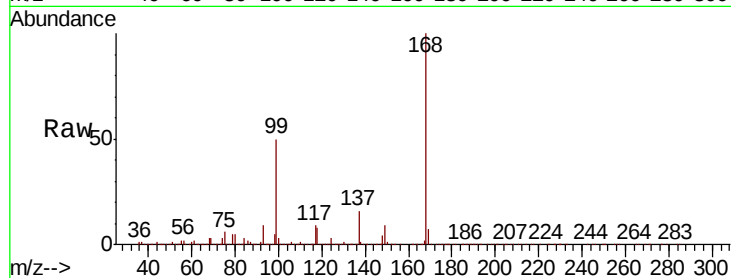
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 464414

Ion Ratio Lower Upper

168 100

99 49.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

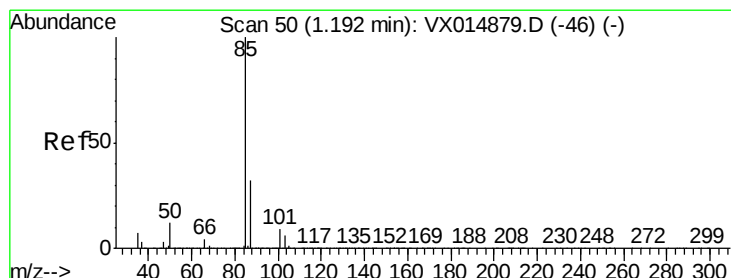
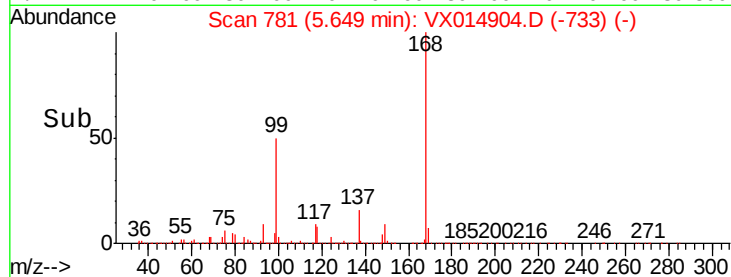
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.260 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014904.D

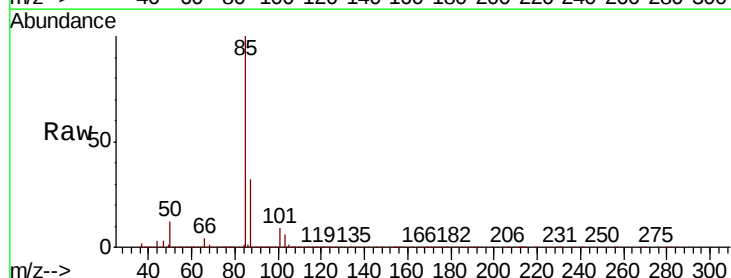
Acq: 11 Feb 2020 09:50

Tgt Ion: 85 Resp: 238642

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

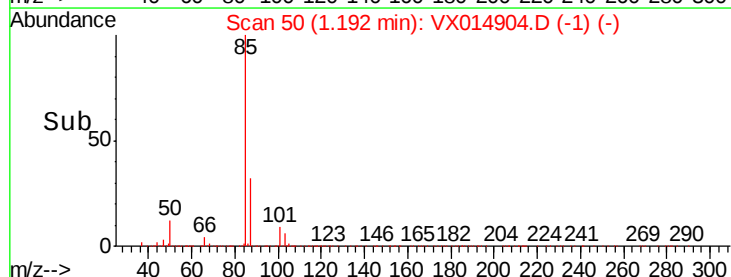
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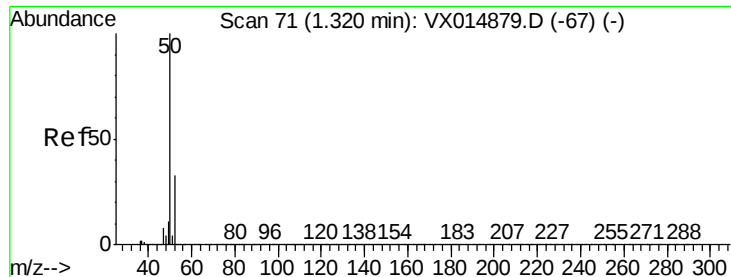
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Time-->

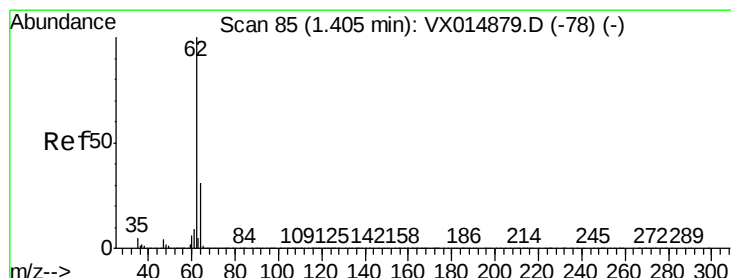
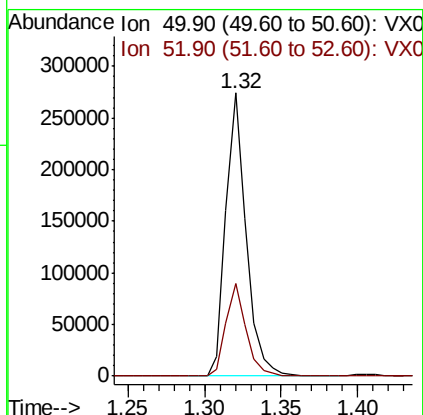
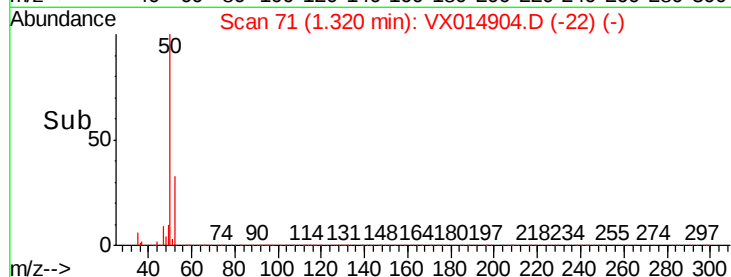
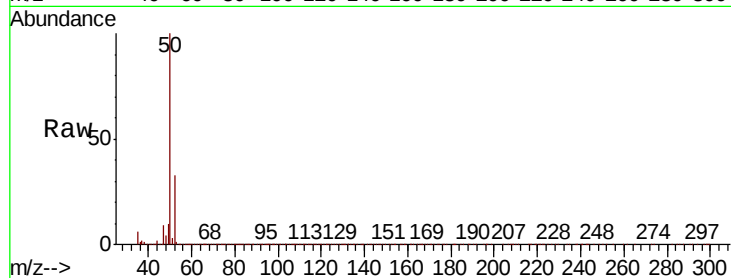




#3
Chloromethane
Concen: 50.410 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

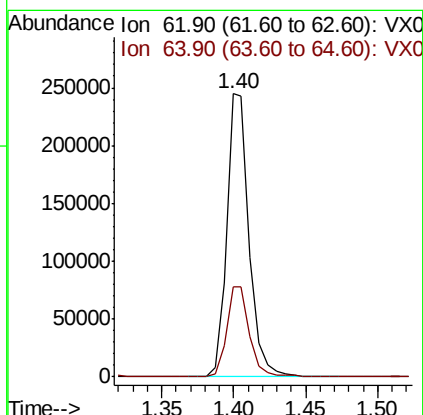
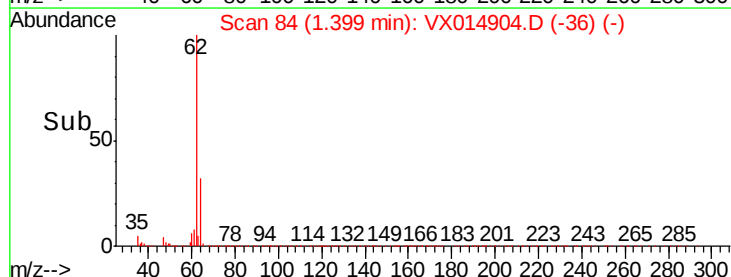
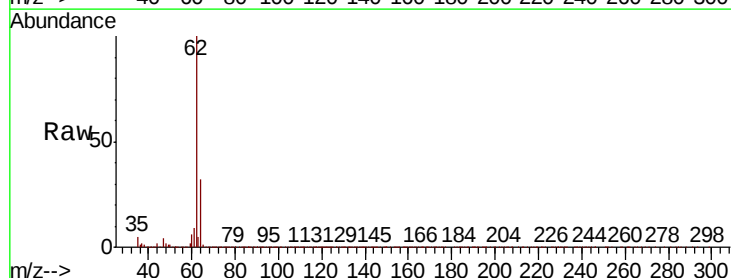
Instrument :
MSVOA_X
ClientSampleId :

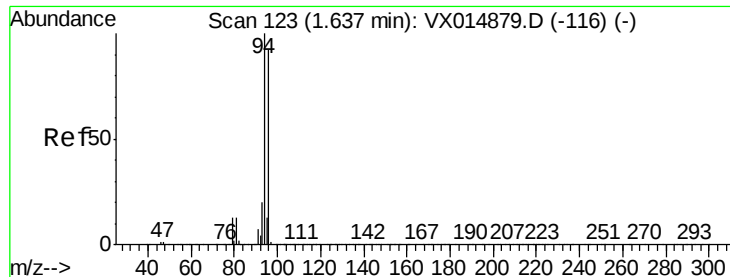
Tot Ion: 50 Resp: 251359
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2



#4
Vinyl Chloride
Concen: 49.815 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion: 62 Resp: 267582
Ion Ratio Lower Upper
62 100
64 31.5 24.8 37.2





#5

Bromomethane

Concen: 47.620 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

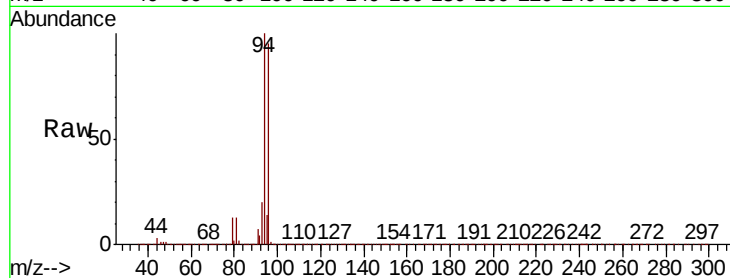
ClientSampleId :

Tot Ion: 94 Resp: 165571

Ion Ratio Lower Upper

94 100

96 95.0 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

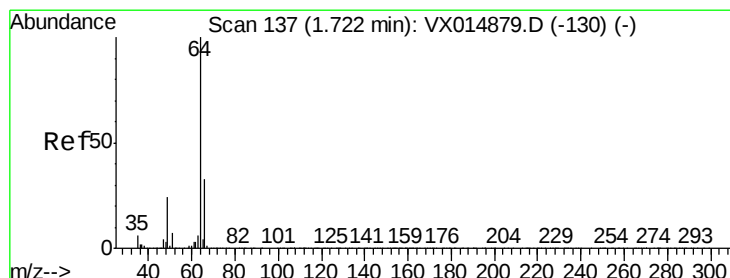
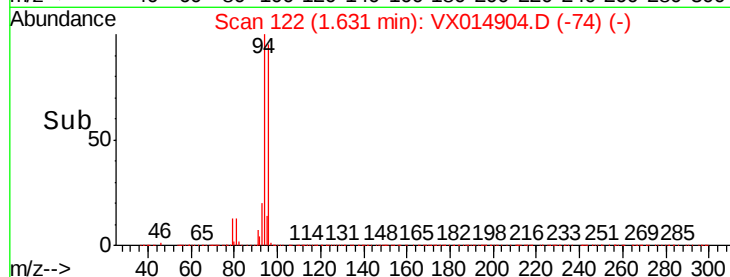
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 48.106 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014904.D

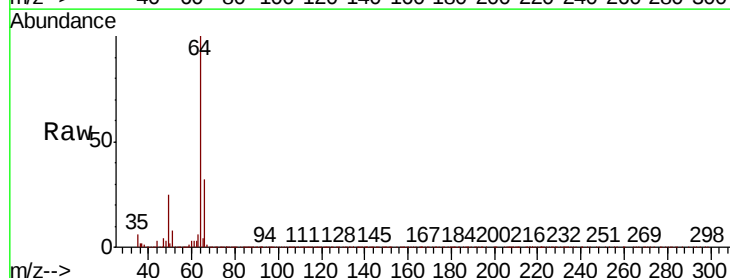
Acq: 11 Feb 2020 09:50

Tgt Ion: 64 Resp: 165339

Ion Ratio Lower Upper

64 100

66 32.4 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

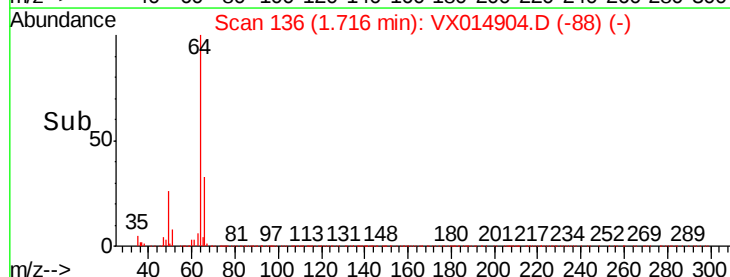
1.72

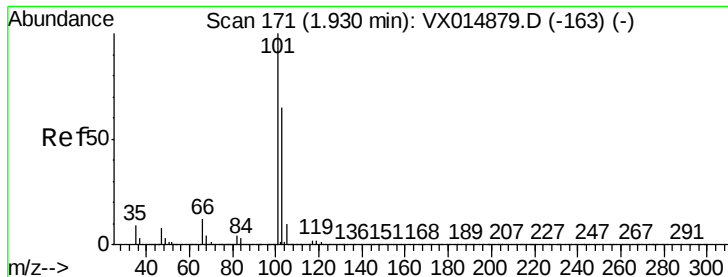
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Time-->



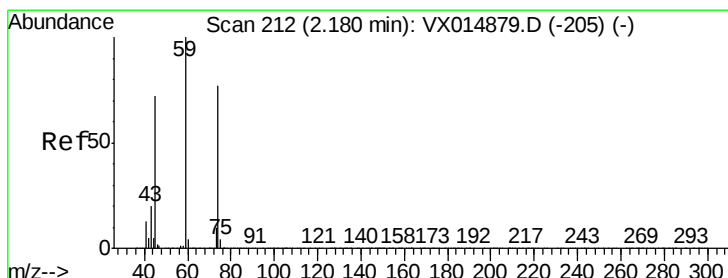
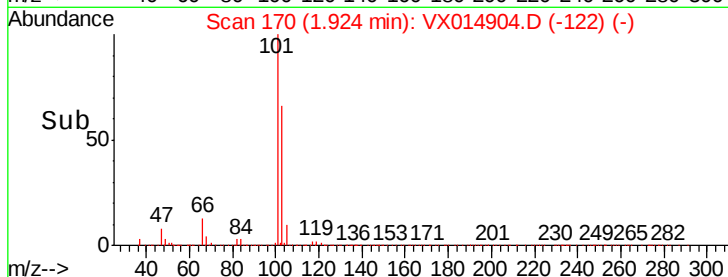
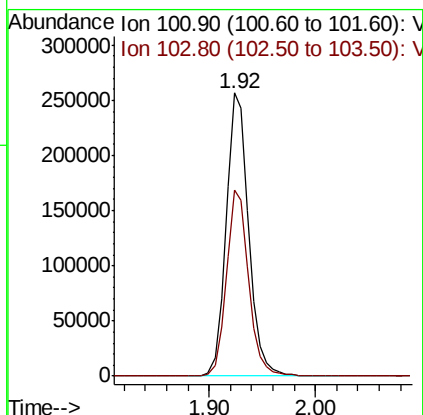
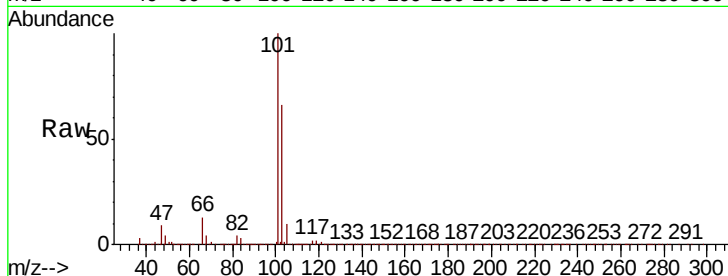


#7

Trichlorofluoromethane
Concen: 50.372 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
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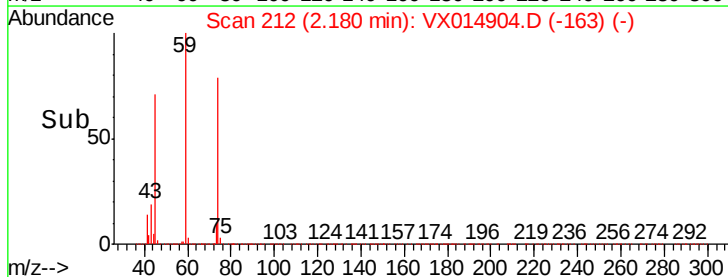
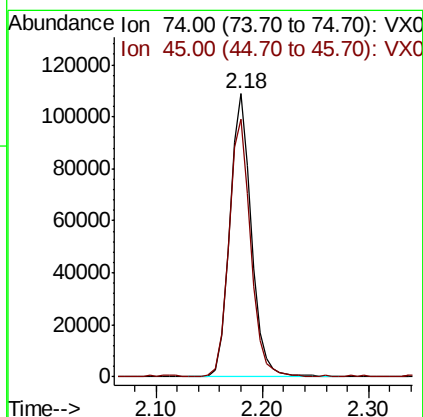
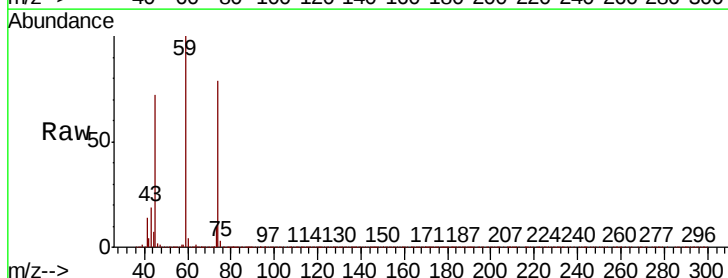
Tot Ion:101 Resp: 378036
Ion Ratio Lower Upper
101 100
103 65.7 52.2 78.4

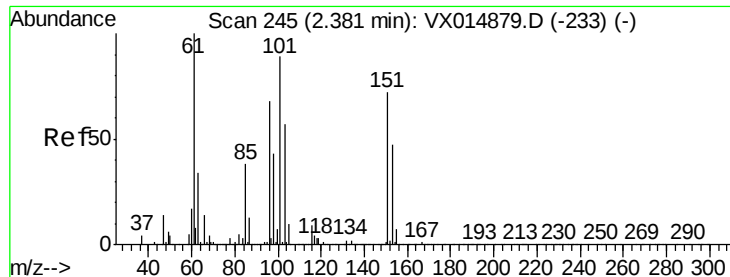


#8

Diethyl Ether
Concen: 49.309 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion: 74 Resp: 153455
Ion Ratio Lower Upper
74 100
45 91.3 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.933 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampled :

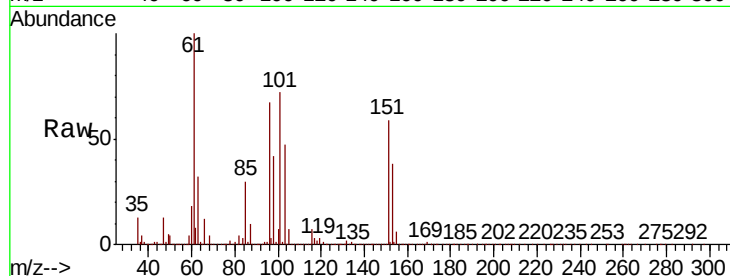
Tot Ion:101 Resp: 217522

Ion Ratio Lower Upper

101 100

85 42.5 34.1 51.1

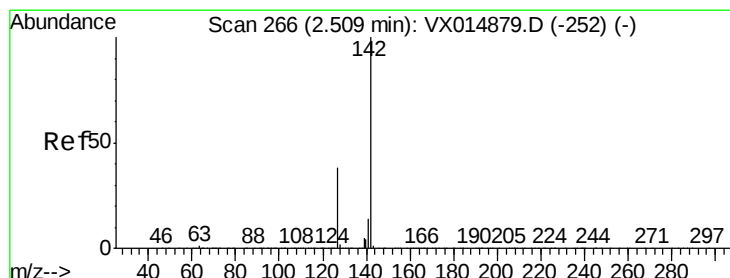
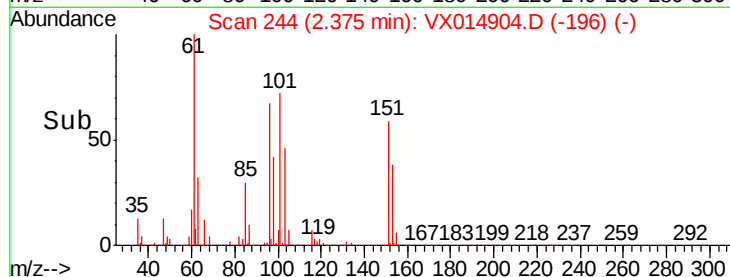
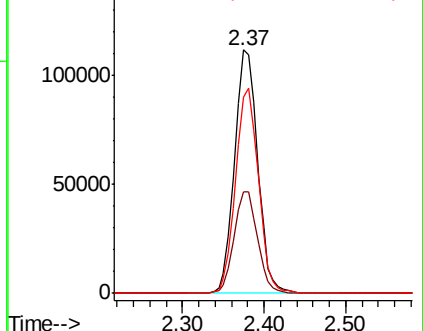
151 83.7 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.354 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

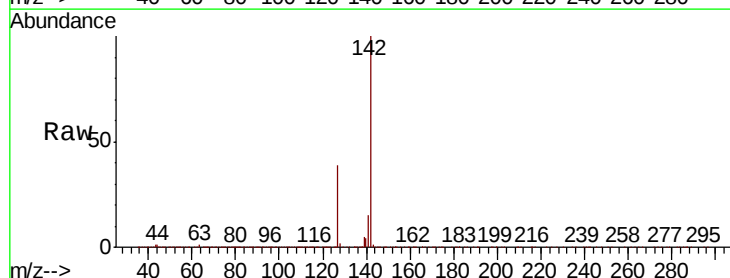
Tgt Ion:142 Resp: 250028

Ion Ratio Lower Upper

142 100

127 39.3 31.1 46.7

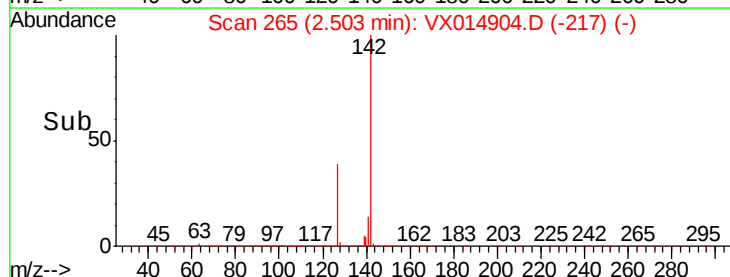
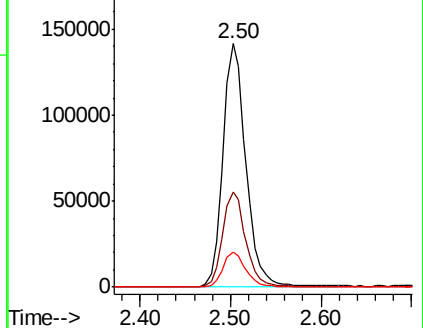
141 14.4 11.3 16.9

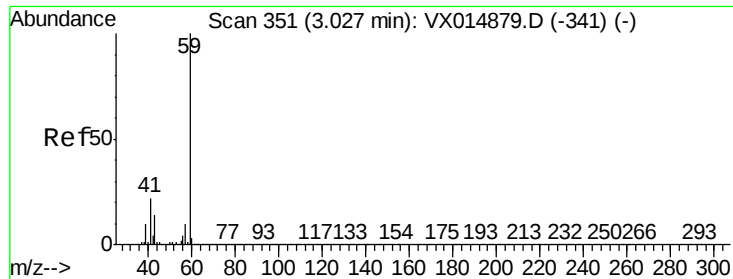


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

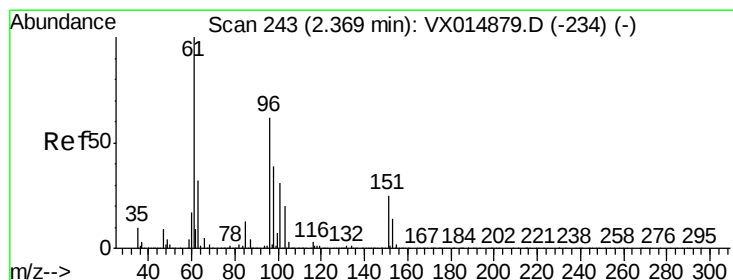
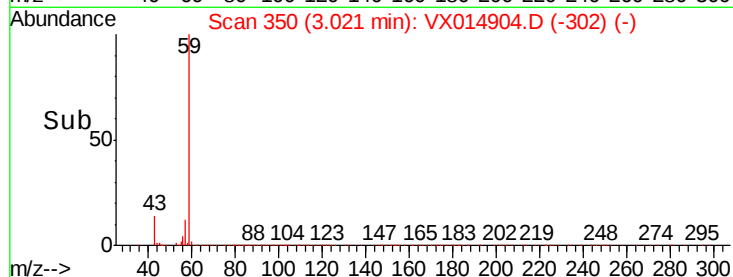
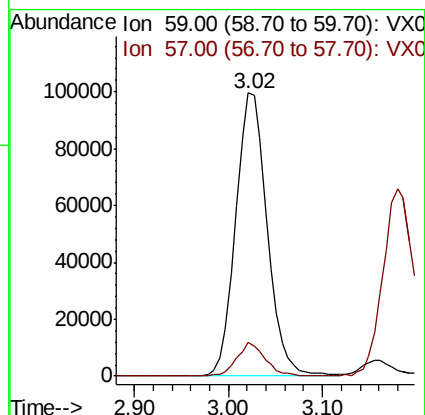
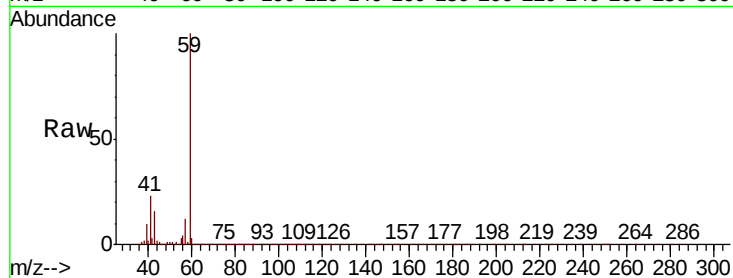




#11
Tert butyl alcohol
Concen: 249.364 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

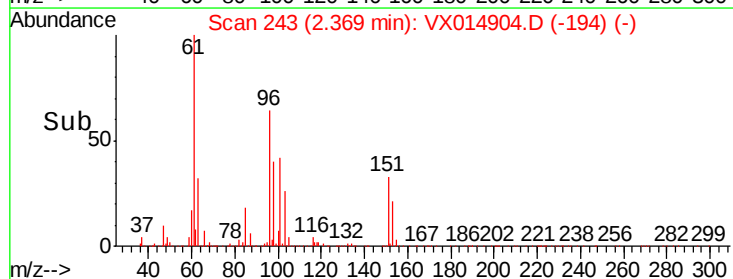
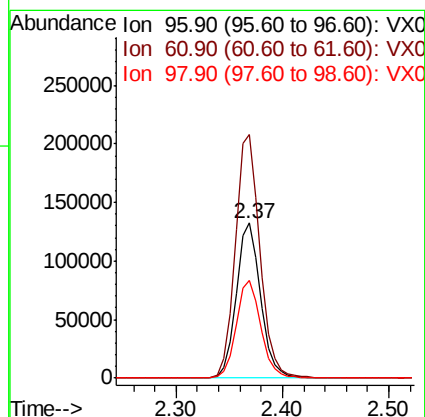
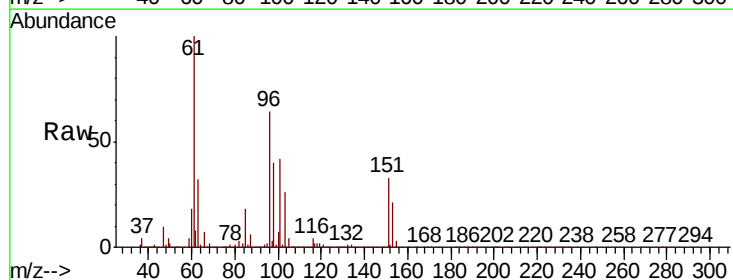
Instrument :
MSVOA_X
ClientSampleId :

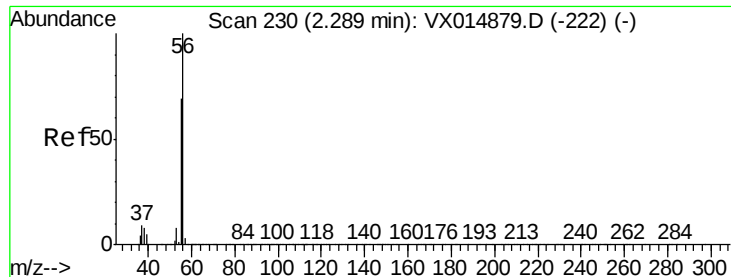
Tot Ion: 59 Resp: 230766
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.849 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion: 96 Resp: 212196
Ion Ratio Lower Upper
96 100
61 157.1 129.5 194.3
98 62.5 50.6 76.0

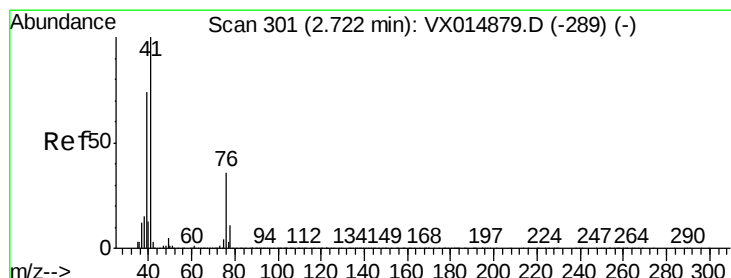
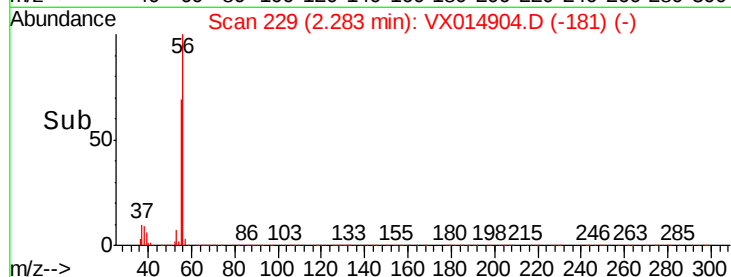
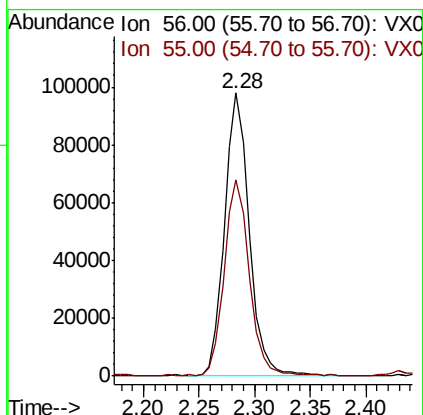
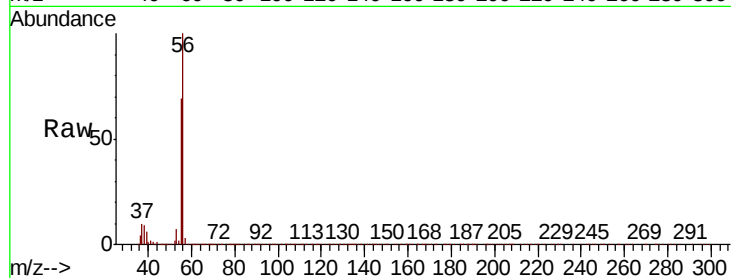




#13
Acrolein
Concen: 211.809 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

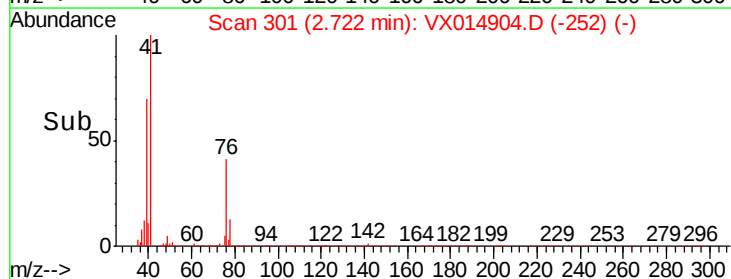
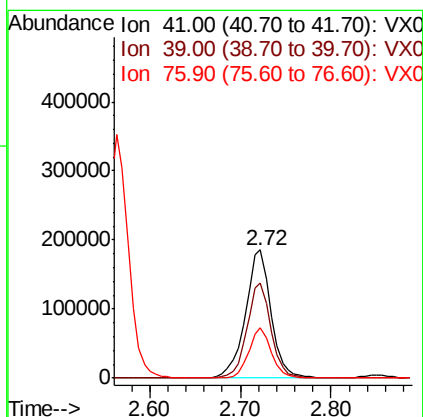
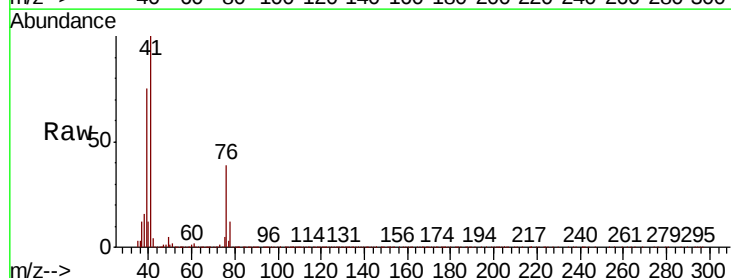
Instrument :
MSVOA_X
ClientSampled :

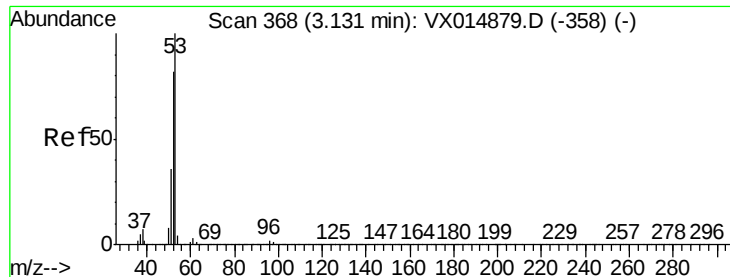
Tot Ion: 56 Resp: 149393
Ion Ratio Lower Upper
56 100
55 70.6 55.0 82.4



#14
Allyl chloride
Concen: 48.226 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion: 41 Resp: 363969
Ion Ratio Lower Upper
41 100
39 68.5 55.2 82.8
76 33.9 26.8 40.2





#15

Acrylonitrile

Concen: 241.684 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampled :

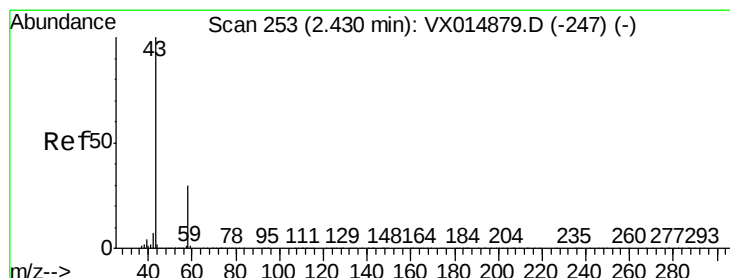
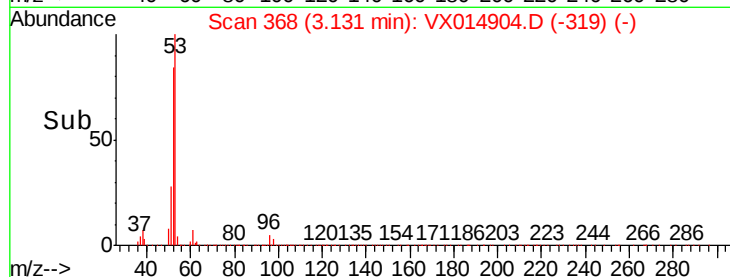
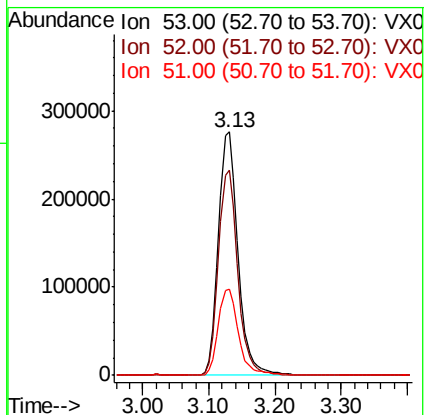
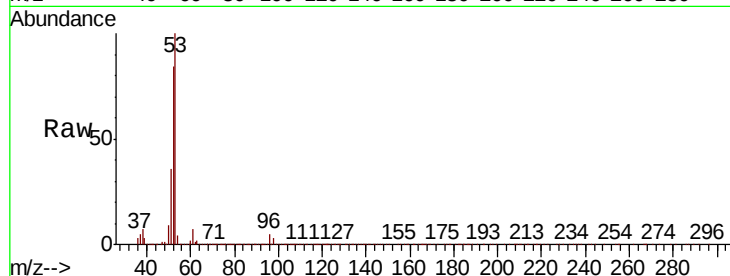
Tot Ion: 53 Resp: 566995

Ion Ratio Lower Upper

53 100

52 83.2 65.8 98.6

51 36.4 29.1 43.7



#16

Acetone

Concen: 249.446 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014904.D

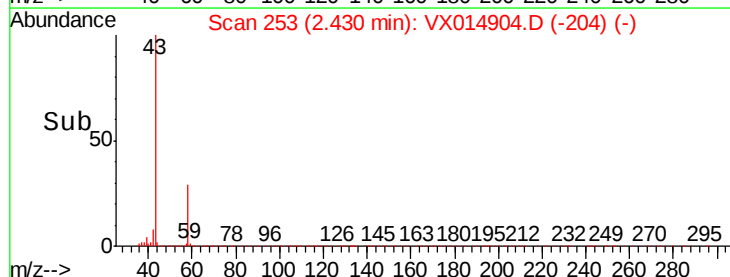
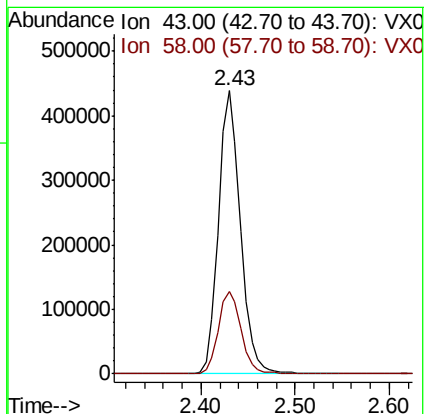
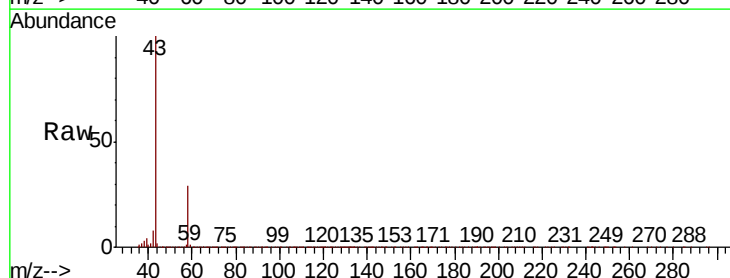
Acq: 11 Feb 2020 09:50

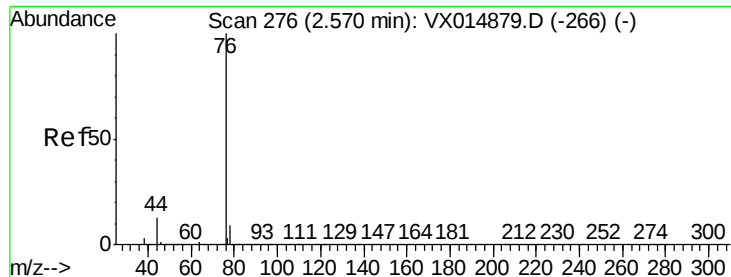
Tgt Ion: 43 Resp: 702375

Ion Ratio Lower Upper

43 100

58 29.1 24.1 36.1

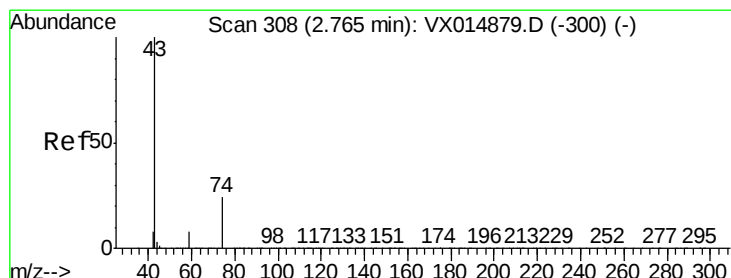
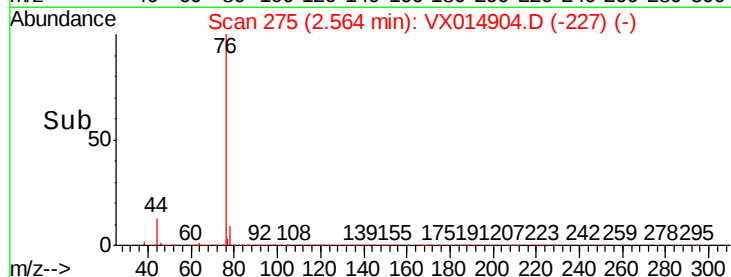
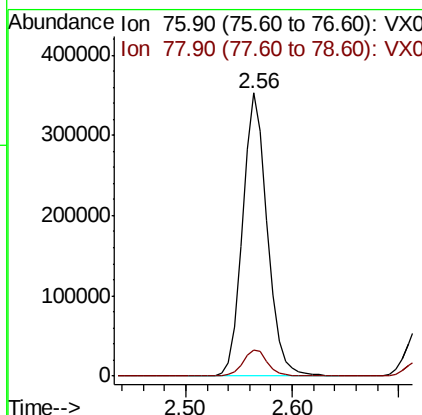
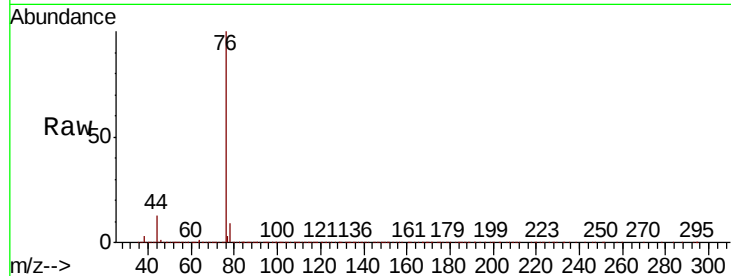




#17
Carbon Disulfide
Concen: 48.137 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

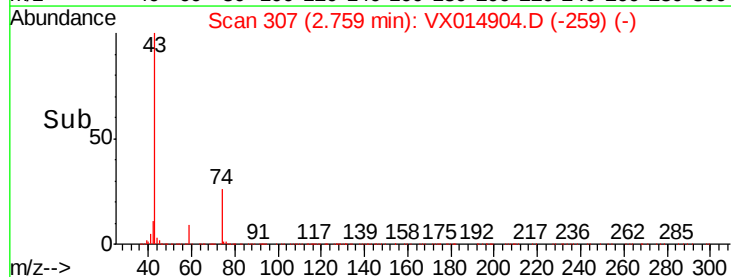
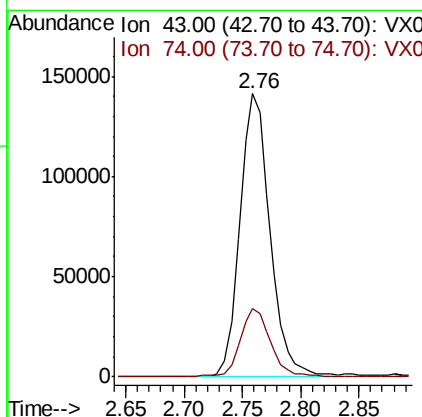
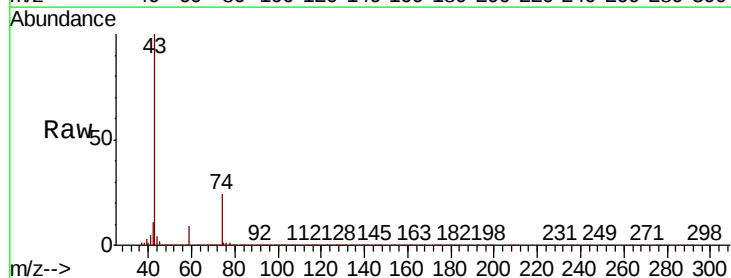
Instrument :
MSVOA_X
ClientSampleId :

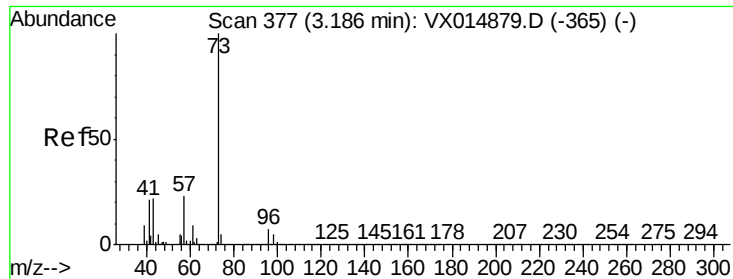
Tot Ion: 76 Resp: 572524
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 47.889 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion: 43 Resp: 252792
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0

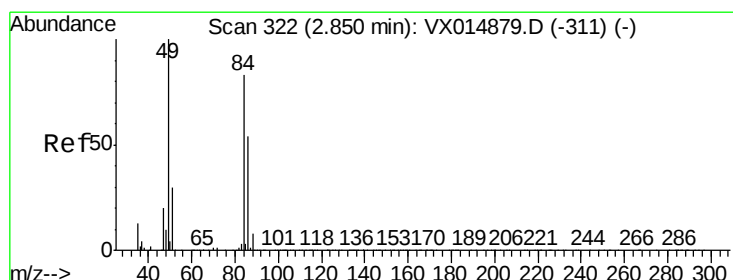
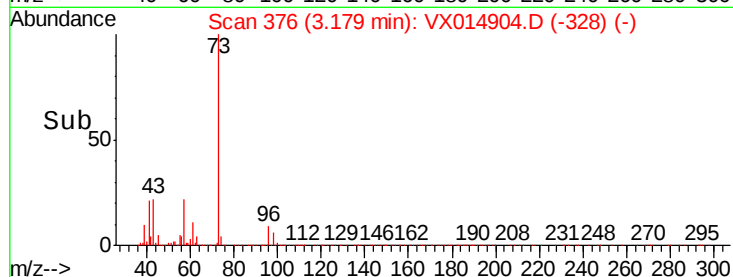
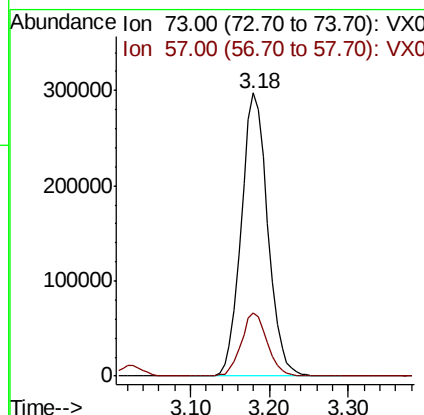
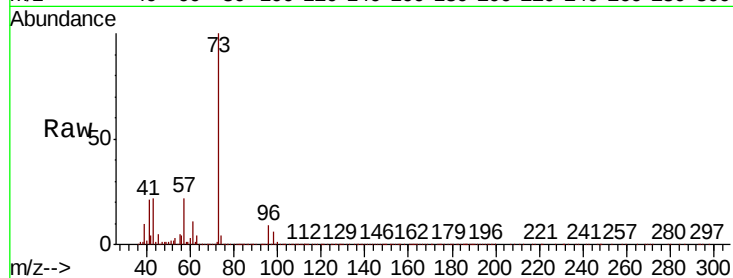




#19
Methyl tert-butyl Ether
Concen: 50.251 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

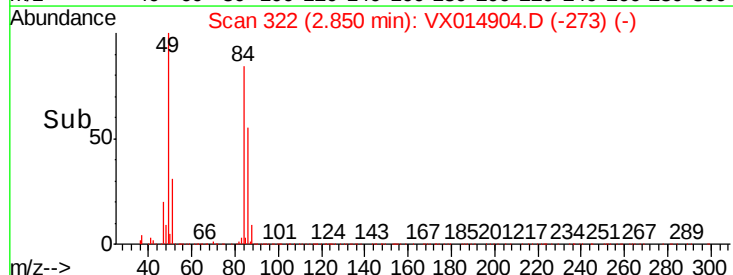
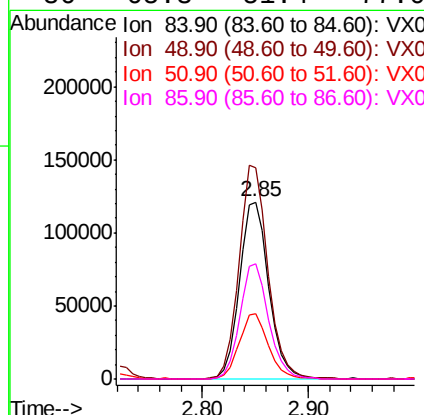
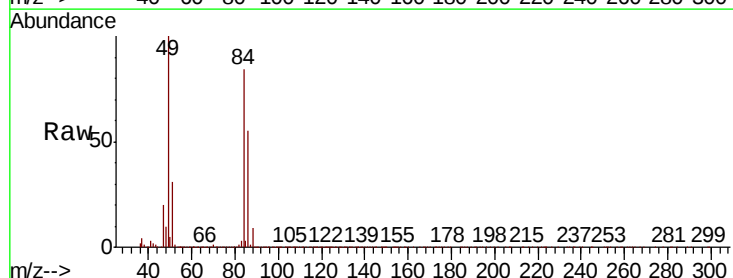
Instrument :
MSVOA_X
ClientSampleId :

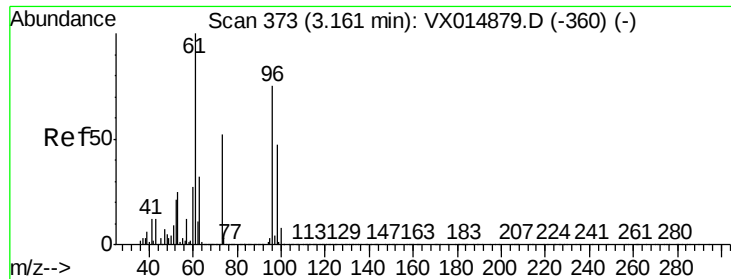
Tot Ion: 73 Resp: 696160
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4



#20
Methylene Chloride
Concen: 46.316 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion: 84 Resp: 233524
Ion Ratio Lower Upper
84 100
49 119.2 95.6 143.4
51 36.8 29.0 43.6
86 65.3 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 48.392 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :

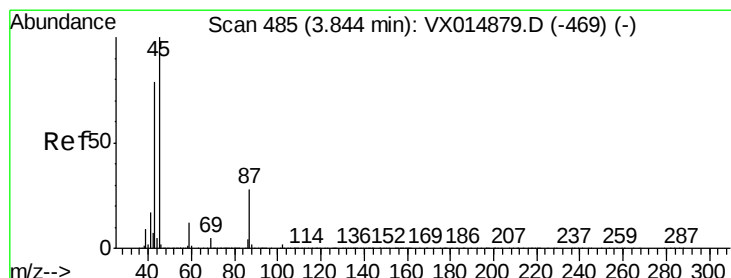
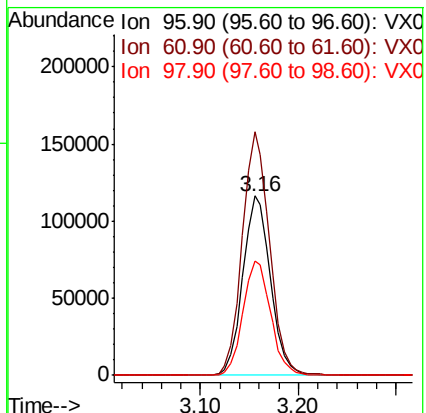
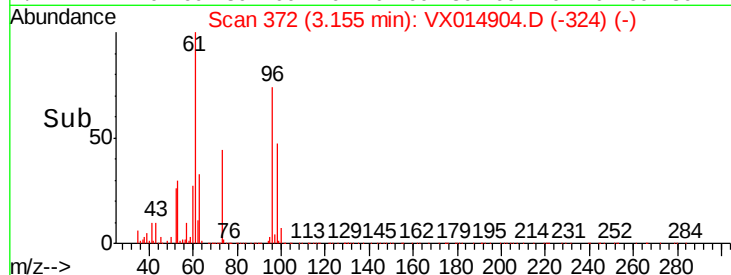
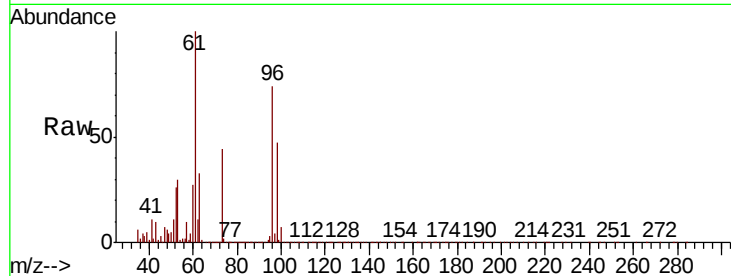
Tot Ion: 96 Resp: 227298

Ion Ratio Lower Upper

96 100

61 135.9 106.9 160.3

98 64.0 50.7 76.1



#22

Diisopropyl ether

Concen: 50.063 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Tgt Ion: 45 Resp: 721628

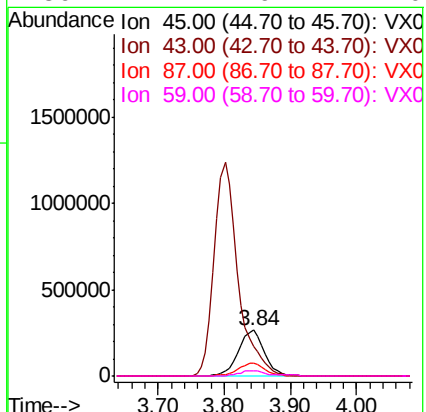
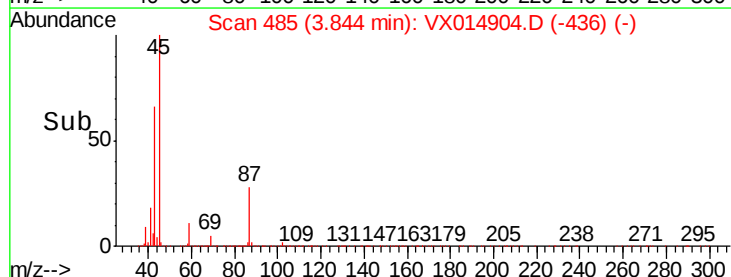
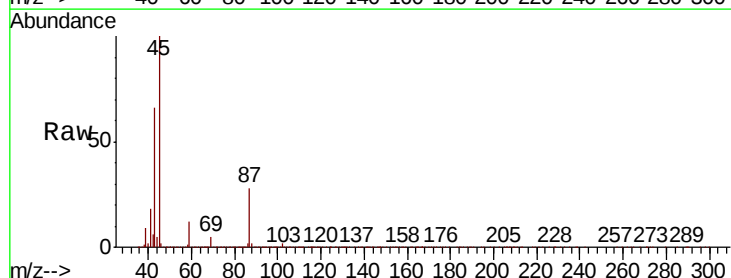
Ion Ratio Lower Upper

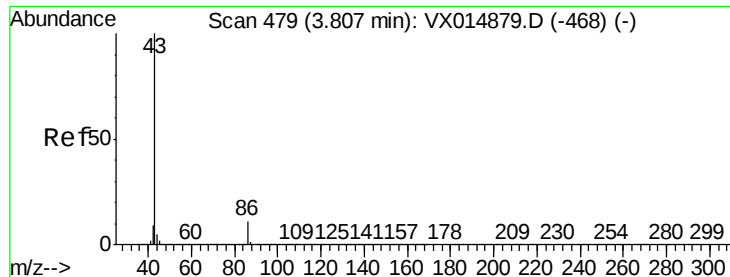
45 100

43 65.6 63.5 95.3

87 27.7 22.2 33.4

59 11.4 9.4 14.0





#23

Vinyl Acetate

Concen: 264.302 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

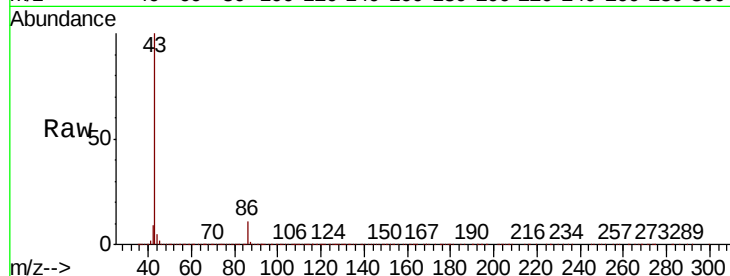
ClientSampled :

Tot Ion: 43 Resp: 3140600

Ion Ratio Lower Upper

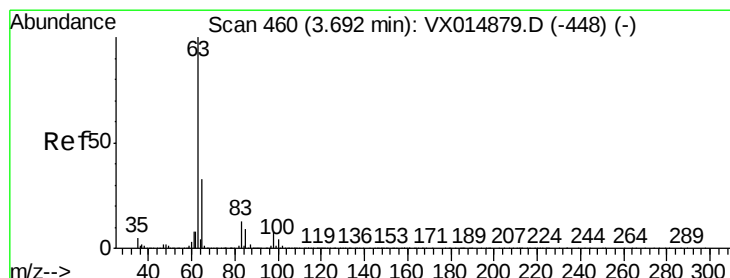
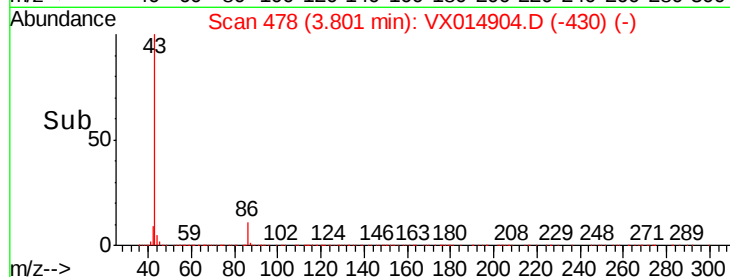
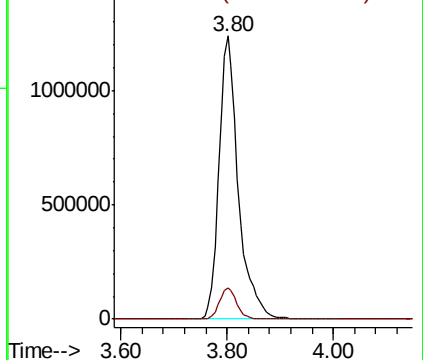
43 100

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: 49.428 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

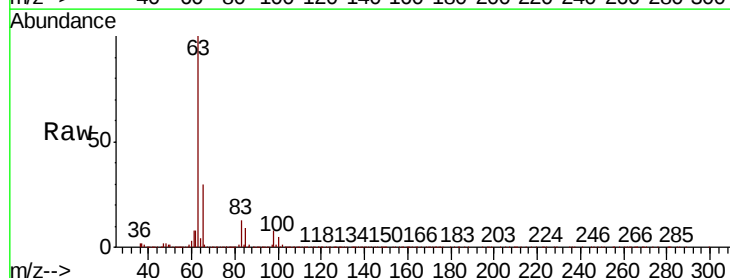
Tgt Ion: 63 Resp: 402105

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

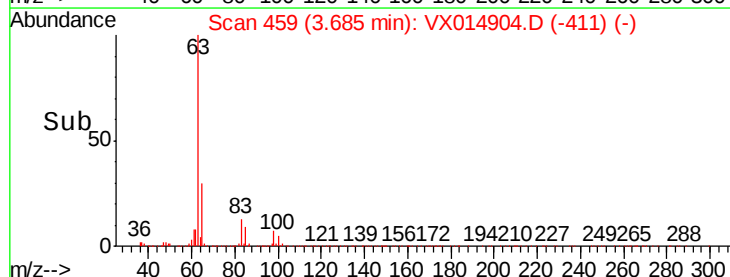
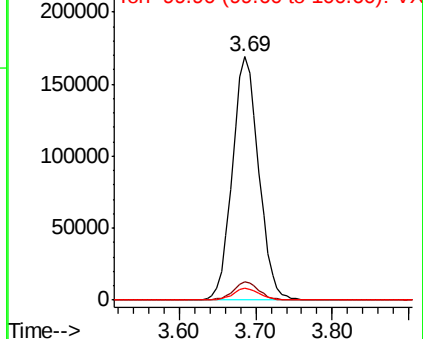
100 5.1 2.2 6.6

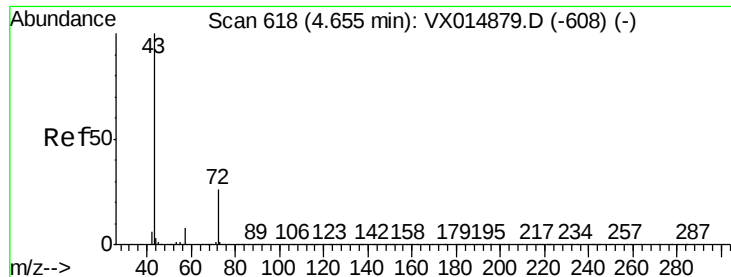


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 249.463 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

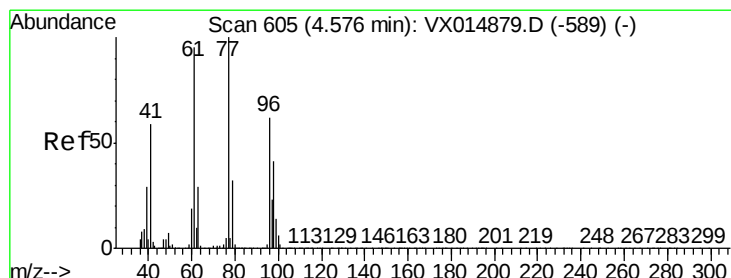
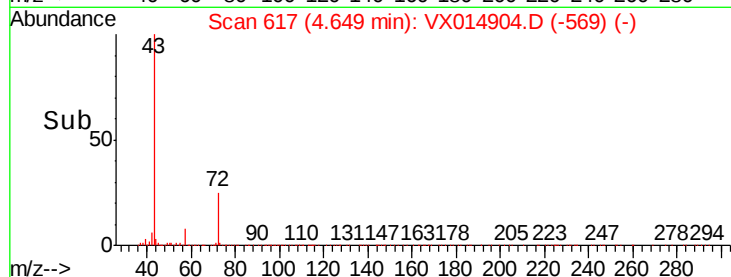
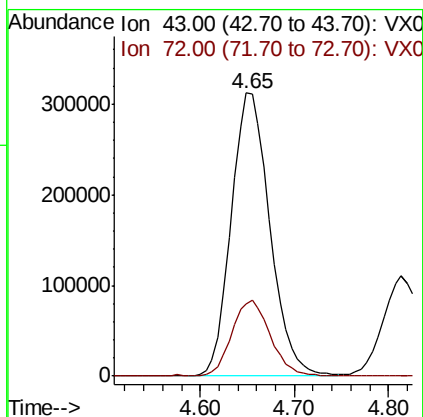
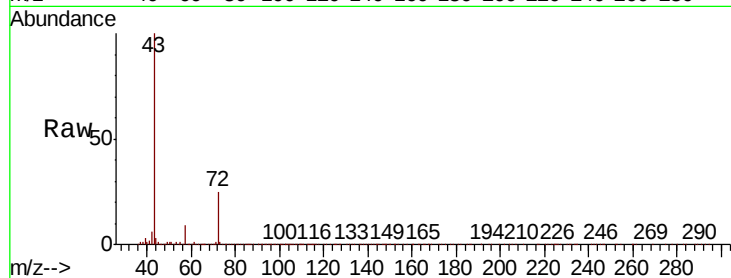
ClientSampleId :

Tot Ion: 43 Resp: 890148

Ion Ratio Lower Upper

43 100

72 25.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 49.086 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014904.D

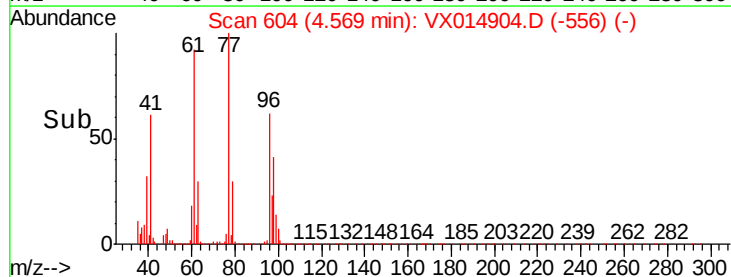
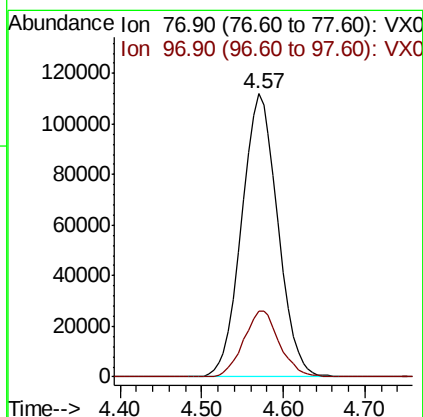
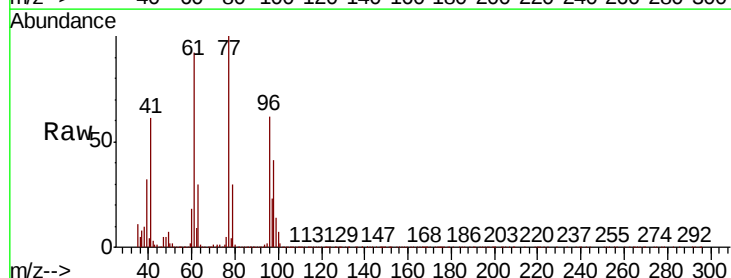
Acq: 11 Feb 2020 09:50

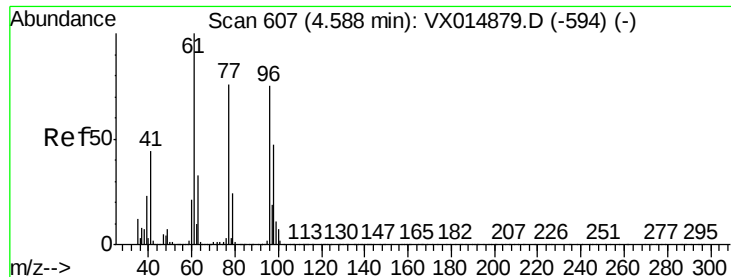
Tgt Ion: 77 Resp: 344138

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.5



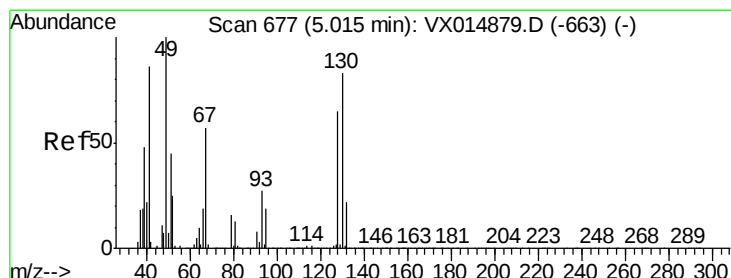
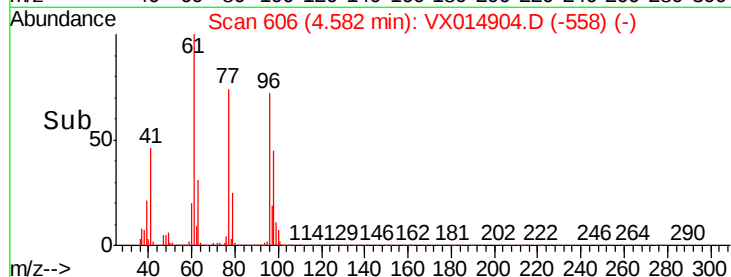
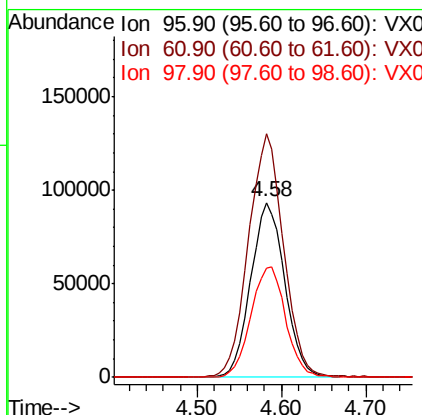
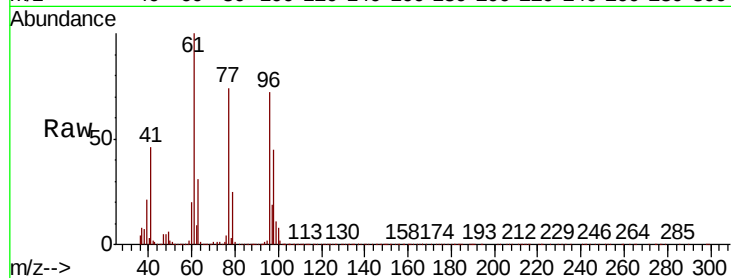


#27

cis-1,2-Dichloroethene
Concen: 48.900 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :

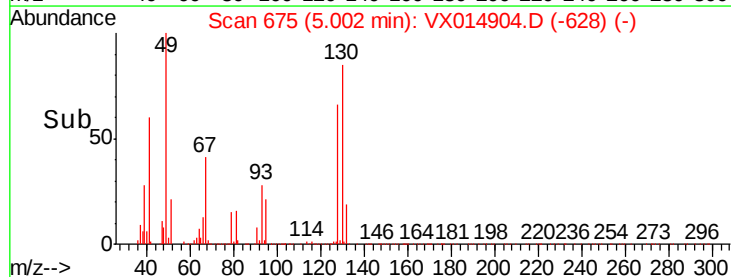
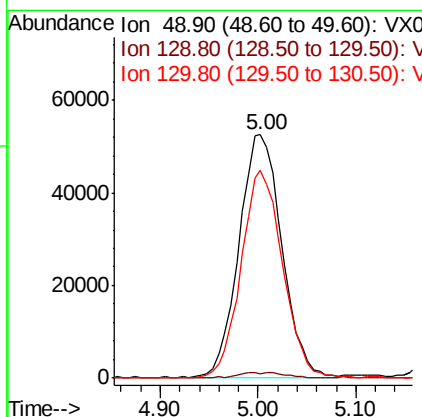
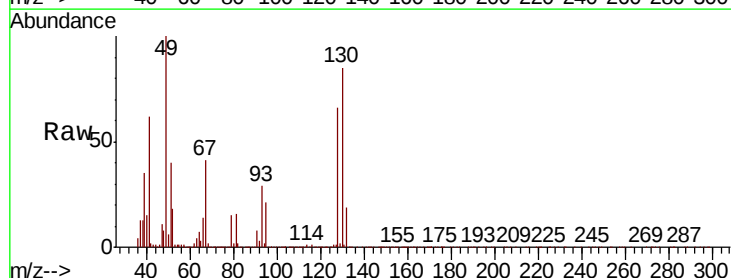
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	286.2
98	64.4	0.0	131.0

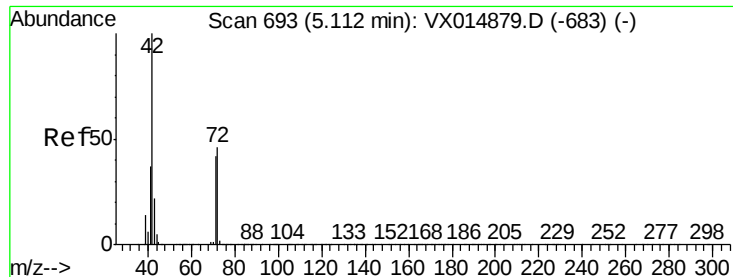


#28

Bromochloromethane
Concen: 50.175 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.2
130	83.6	67.4	101.2

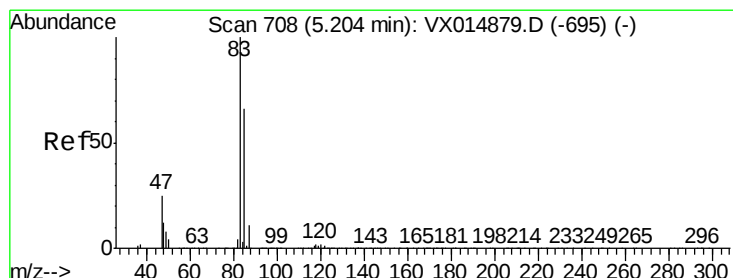
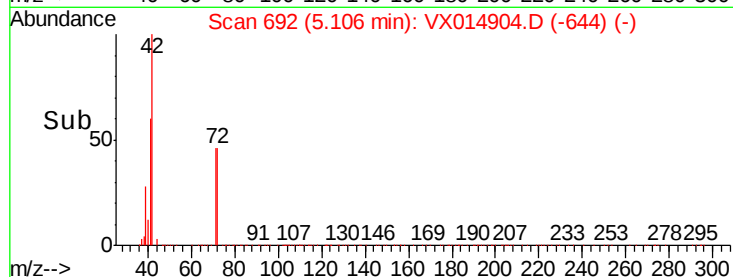
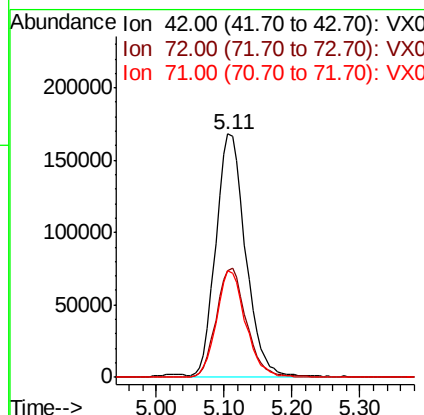
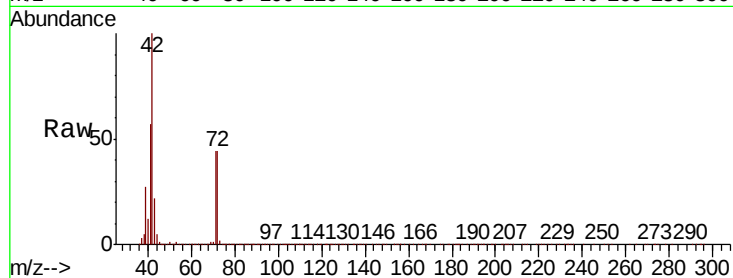




#29
Tetrahydrofuran
Concen: 250.928 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

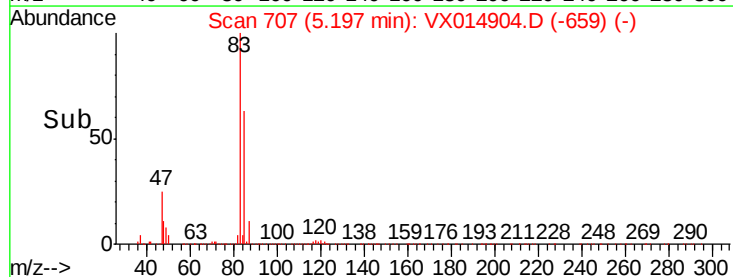
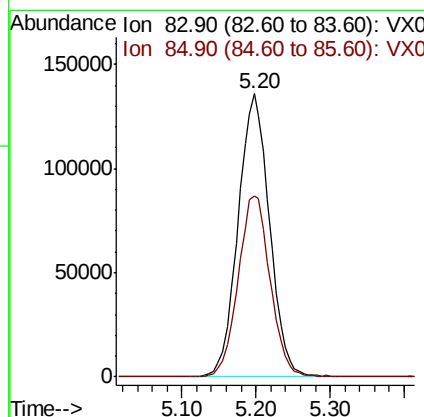
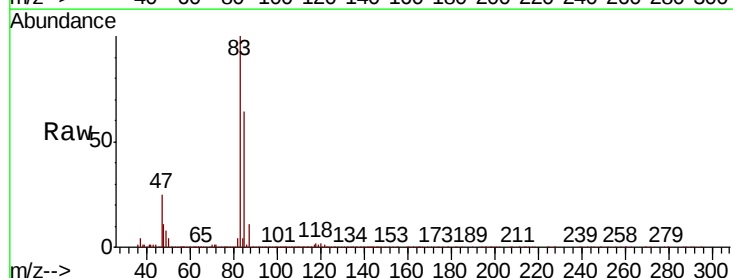
Instrument :
MSVOA_X
ClientSampled :

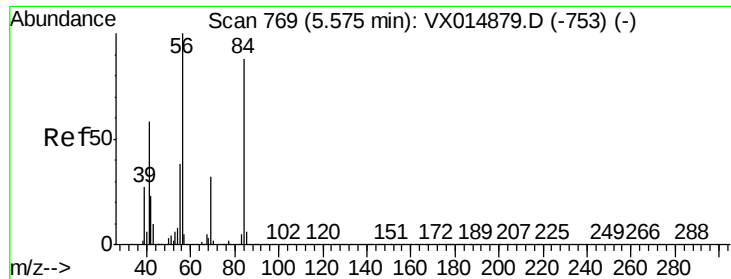
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	36.9	55.3
71	43.0	34.1	51.1



#30
Chloroform
Concen: 49.643 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.9	79.3

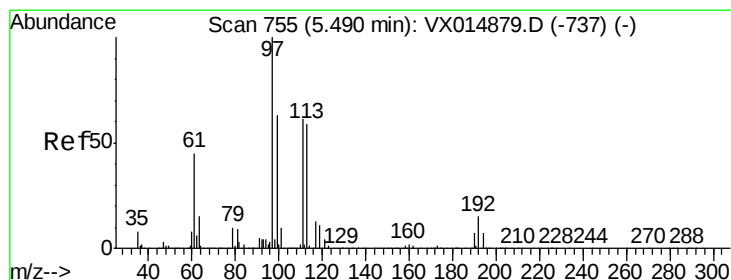
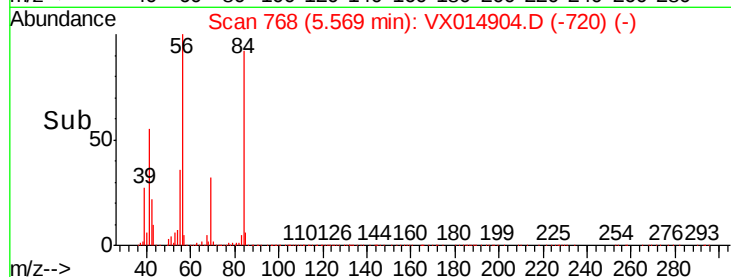
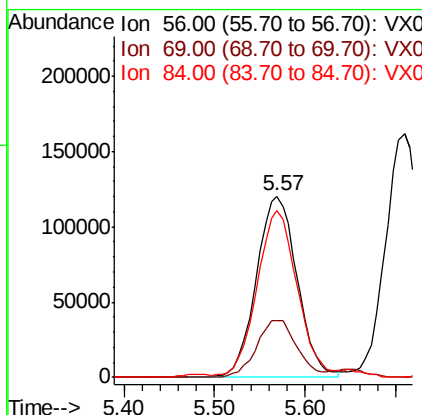
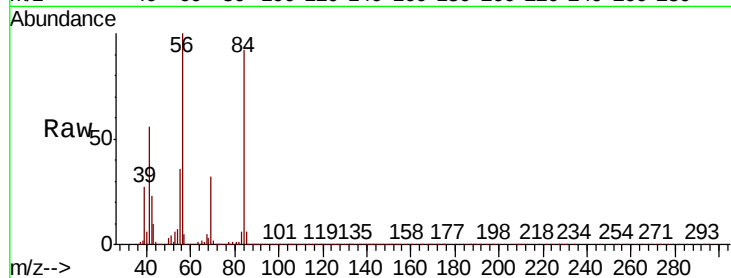




#31
Cyclohexane
Concen: 50.326 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

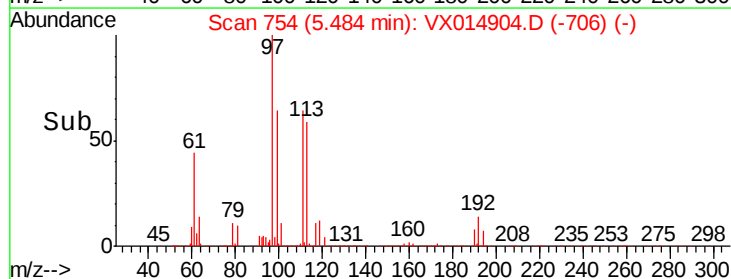
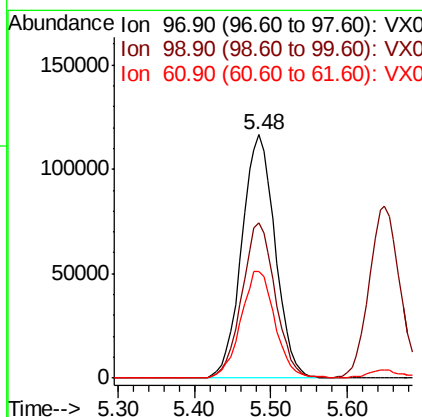
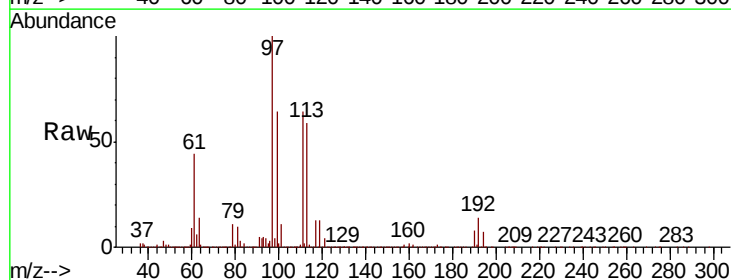
Instrument :
MSVOA_X
ClientSampleId :

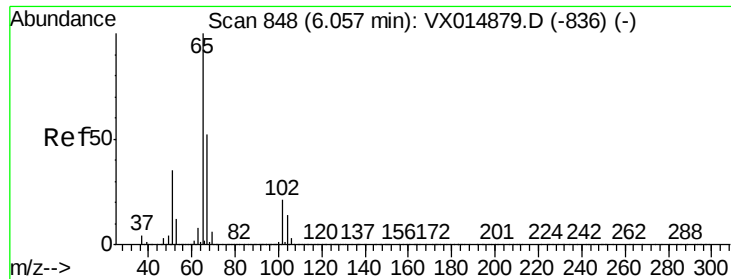
Tot Ion: 56 Resp: 372901
Ion Ratio Lower Upper
56 100
69 31.6 25.9 38.9
84 90.7 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 49.880 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion: 97 Resp: 352172
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 44.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 46.729 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

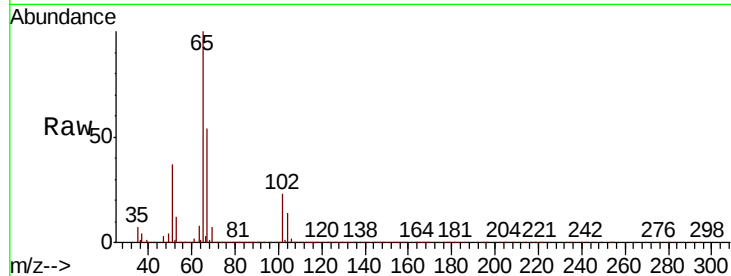
ClientSampleId :

Tot Ion: 65 Resp: 244922

Ion Ratio Lower Upper

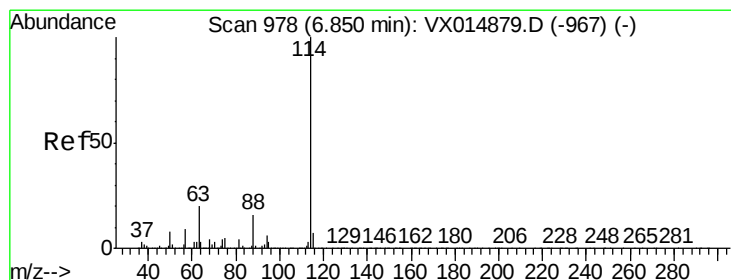
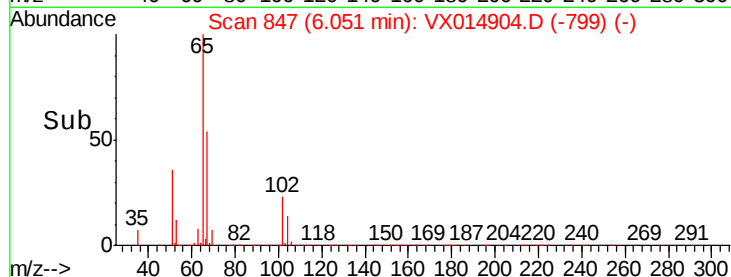
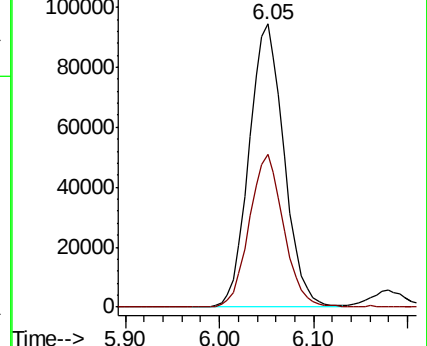
65 100

67 52.8 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

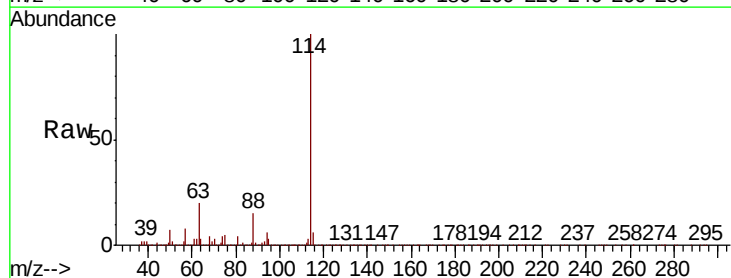
Tgt Ion: 114 Resp: 673649

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

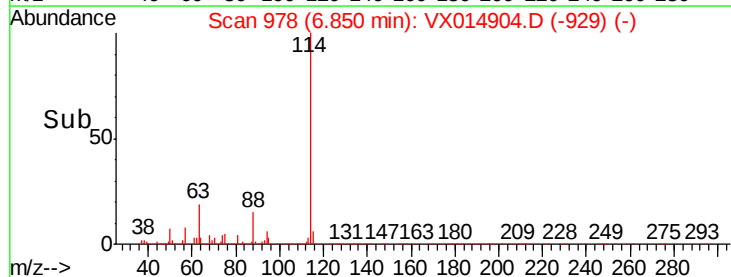
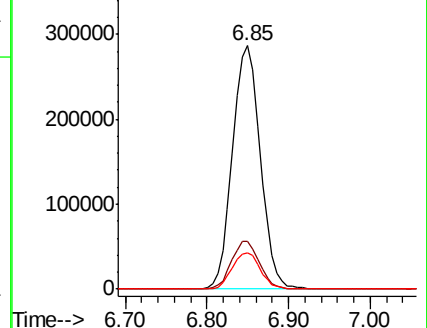
88 14.9 0.0 32.0

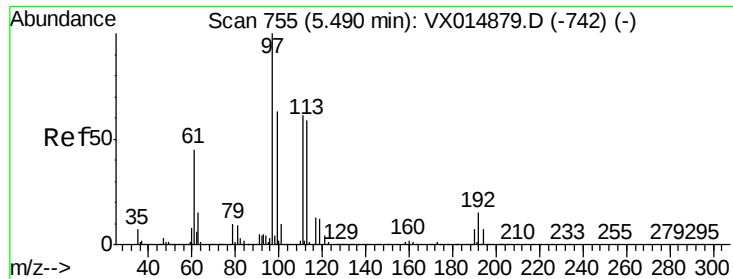


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

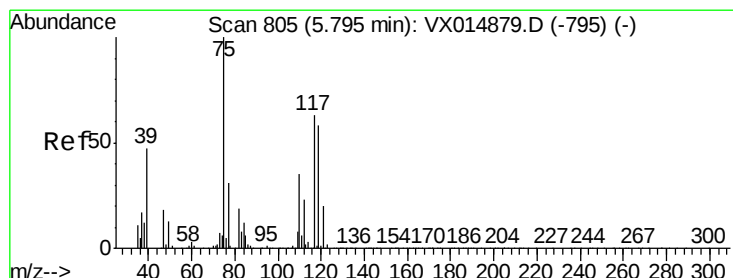
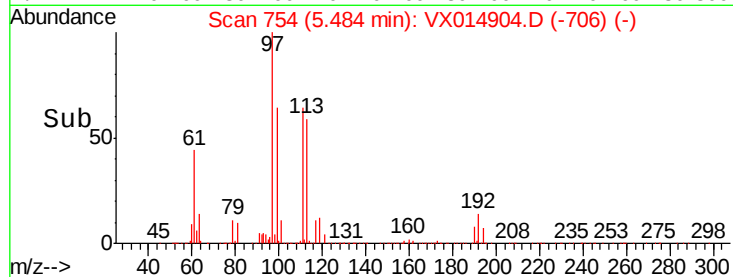
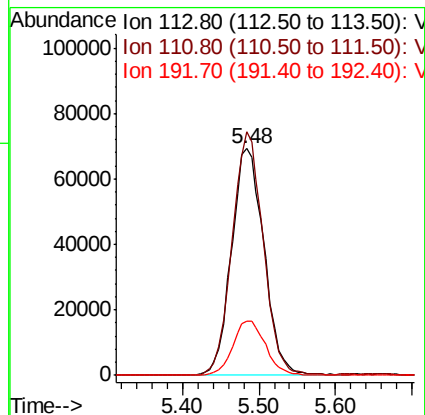
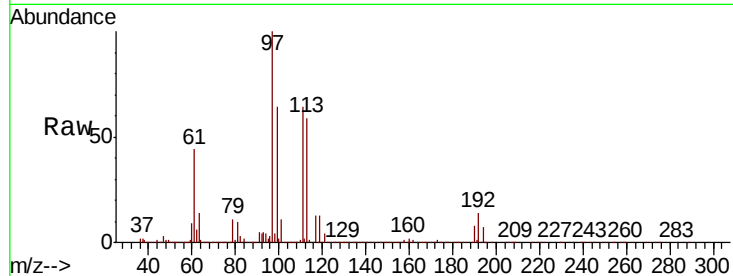




#35
 Dibromofluoromethane
 Concen: 48.942 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

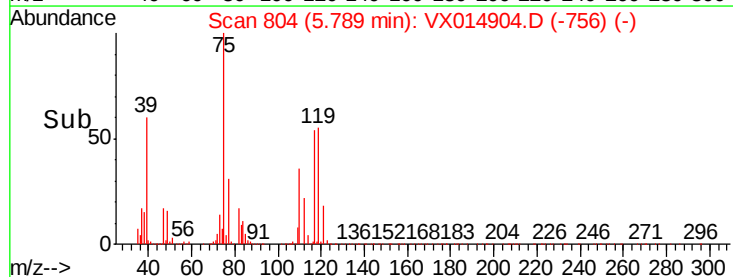
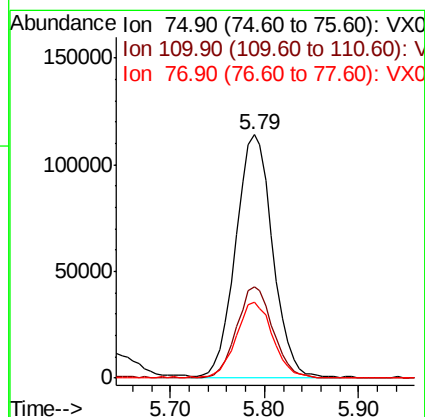
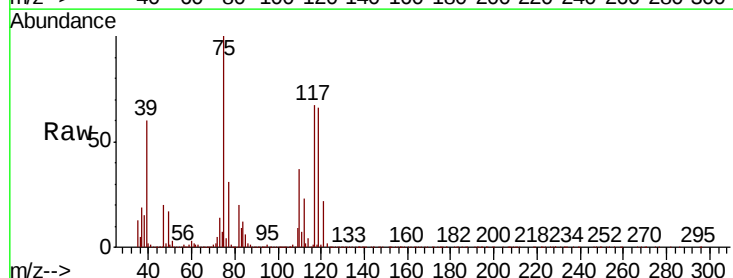
Instrument :
 MSVOA_X
 ClientSampleId :

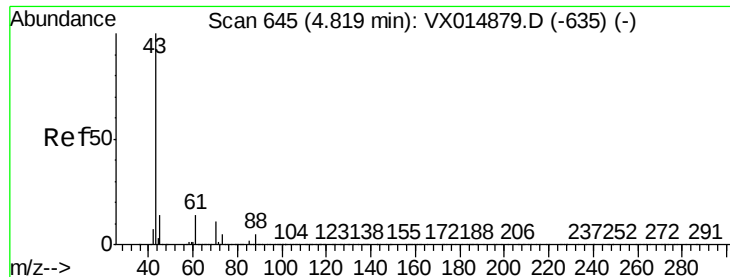
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	24.2	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 51.391 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.3	54.8
77	31.0	24.6	36.8

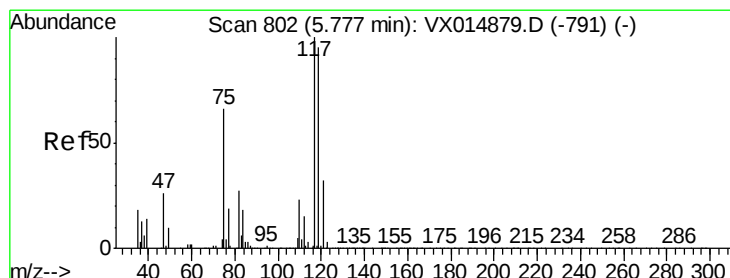
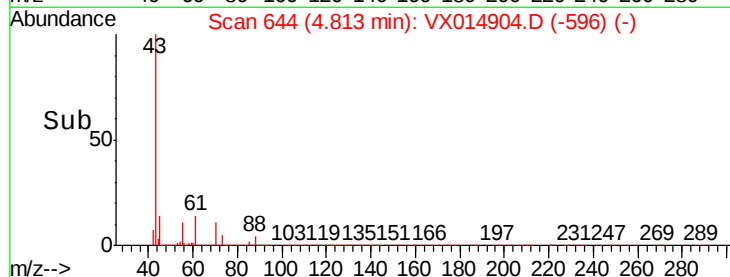
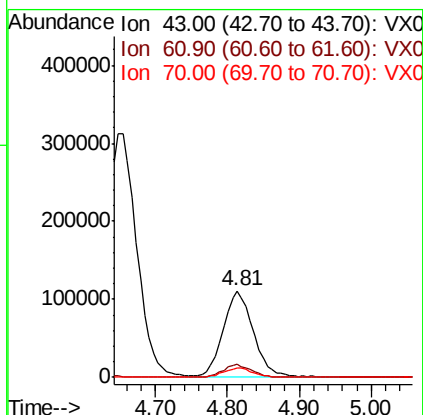
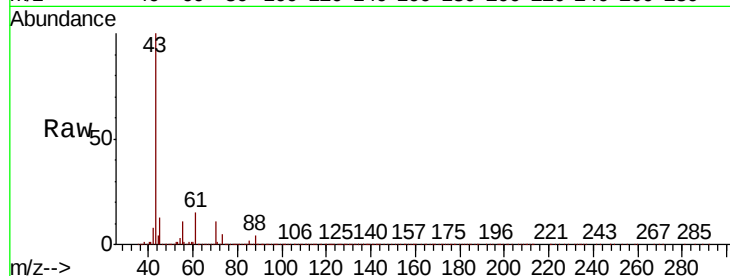




#37
Ethyl Acetate
Concen: 50.879 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

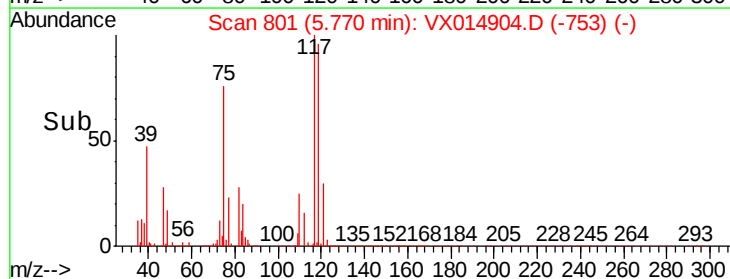
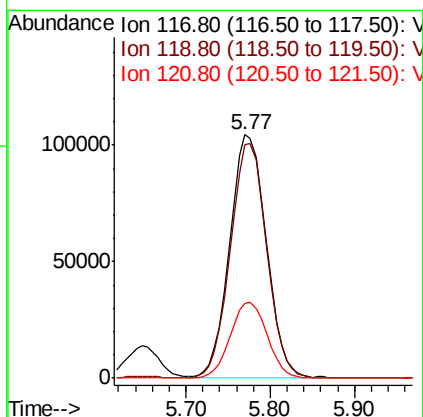
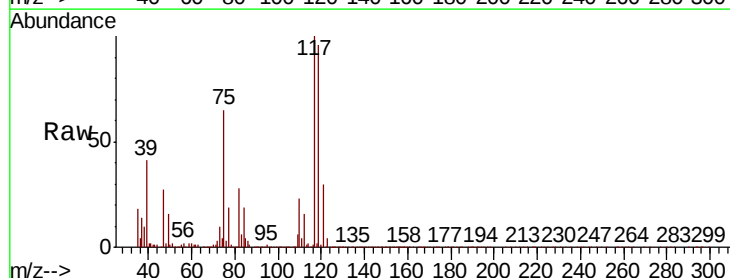
Instrument :
MSVOA_X
ClientSampleId :

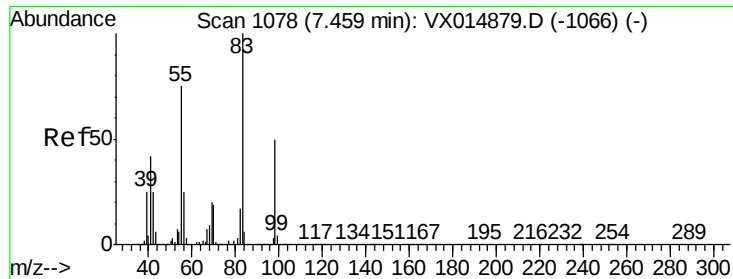
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.9	16.3
70	10.8	8.7	13.1



#38
Carbon Tetrachloride
Concen: 52.235 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.0	114.0
121	30.4	25.4	38.2

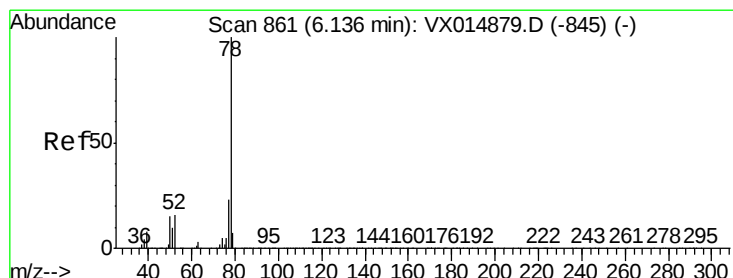
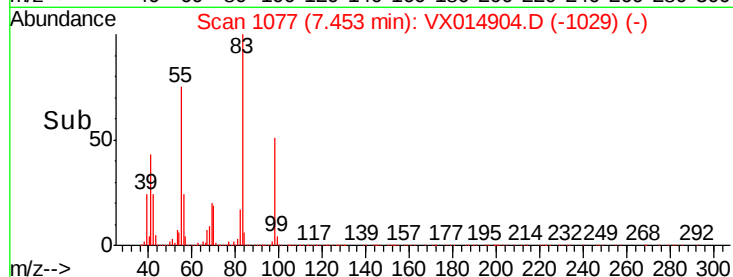
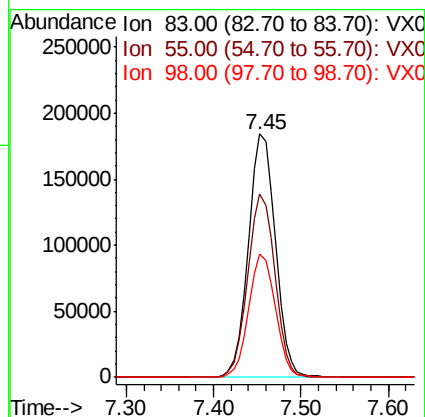
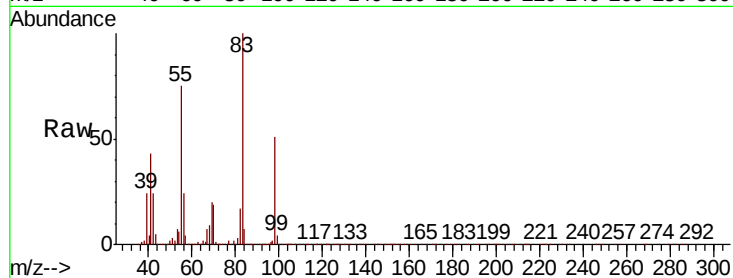




#39
Methvlcvclohexane
Concen: 52.528 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

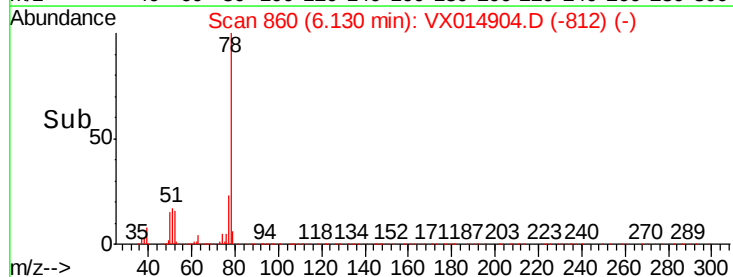
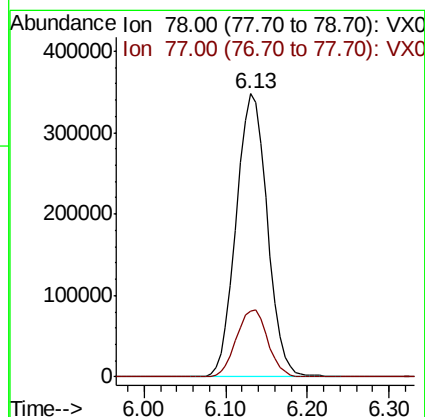
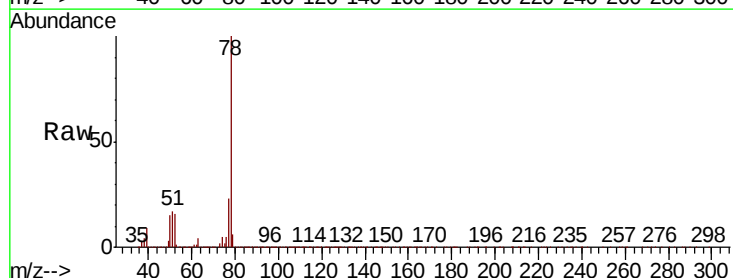
Instrument :
MSVOA_X
ClientSampleId :

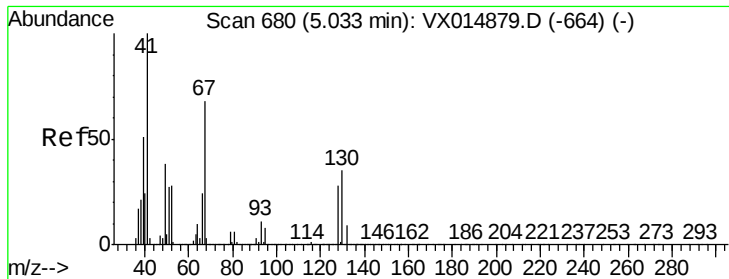
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	60.0	90.0
98	50.7	39.6	59.4



#40
Benzene
Concen: 51.016 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2

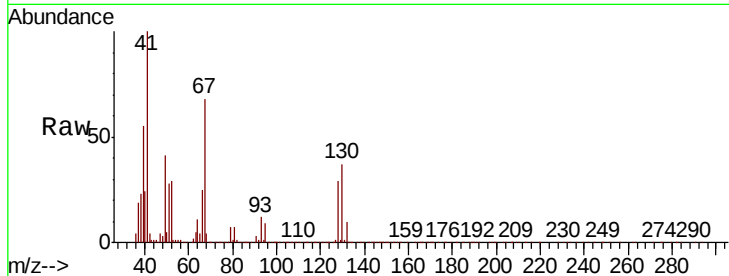




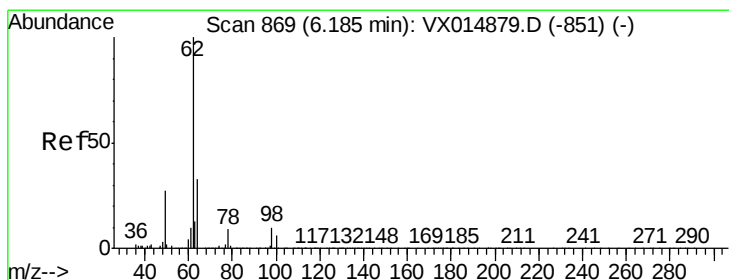
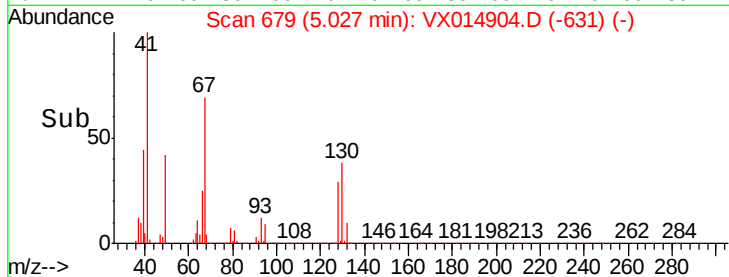
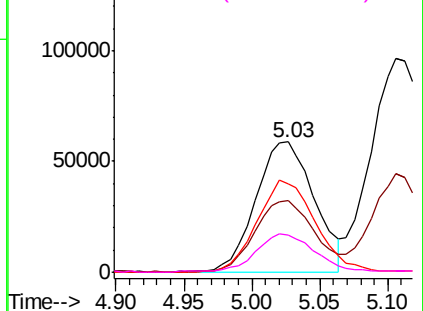
#41
Methacrylonitrile
Concen: 51.840 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	175524
Ion	Ratio	Lower	Upper
41	100		
39	56.7	44.7	67.1
67	70.9	56.6	84.8
52	28.5	22.3	33.5

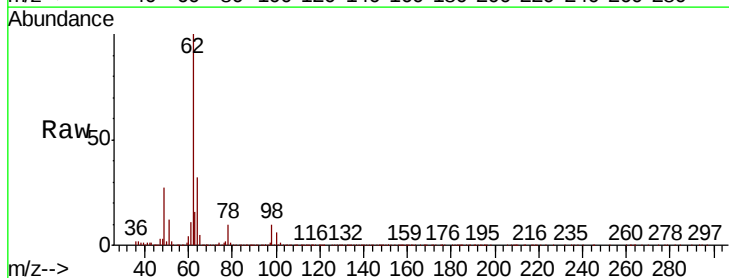


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

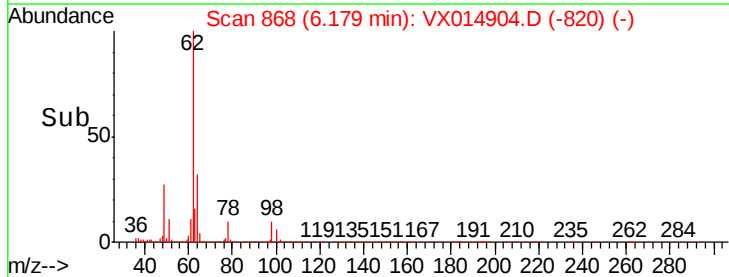
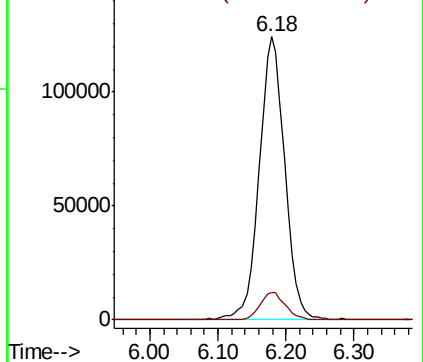


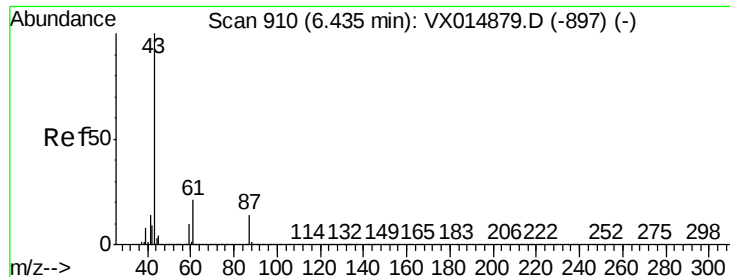
#42
1,2-Dichloroethane
Concen: 50.138 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion:	62	Resp:	326269
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2



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



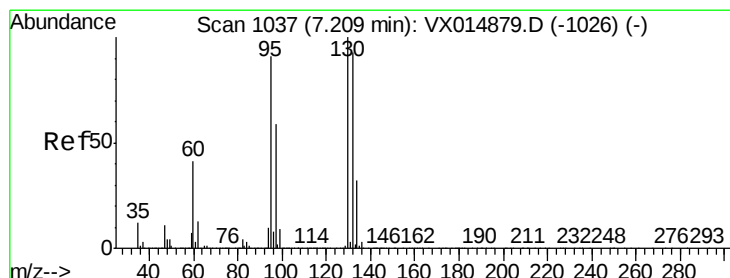
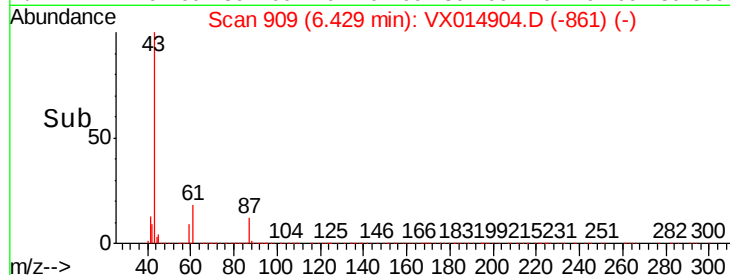
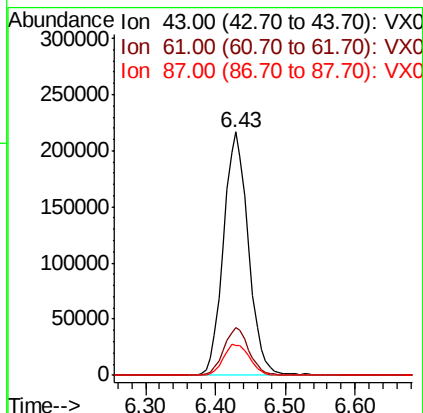
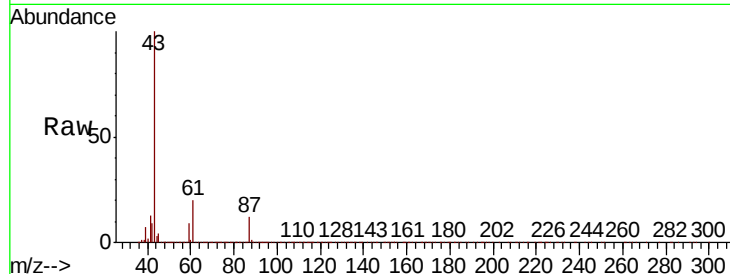


#43

Isopropyl Acetate
 Concen: 51.532 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :

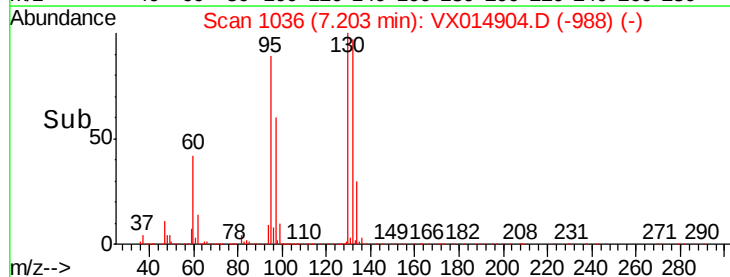
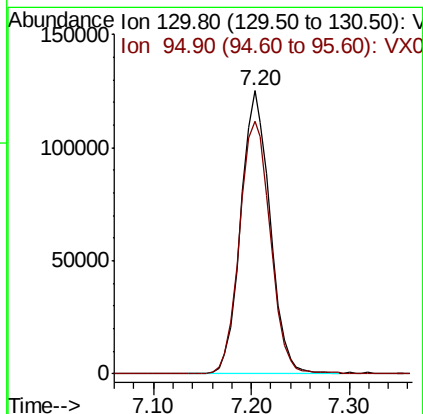
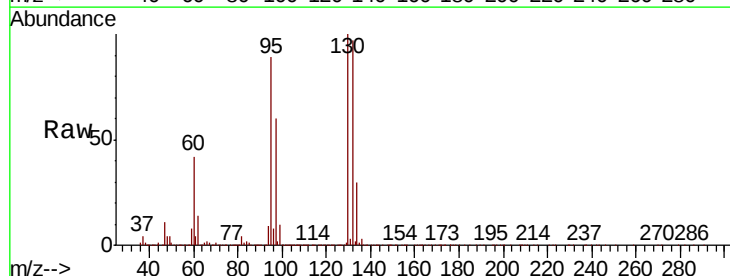
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.4
87	13.4	11.0	16.6

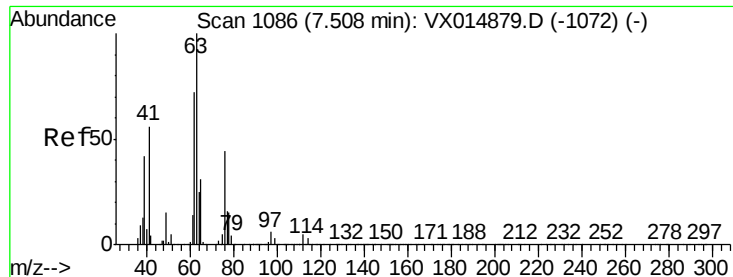


#44

Trichloroethene
 Concen: 49.590 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	182.6

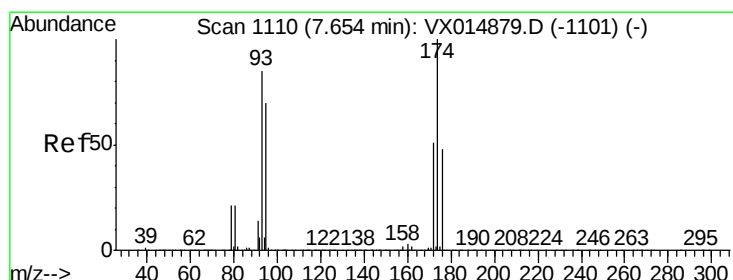
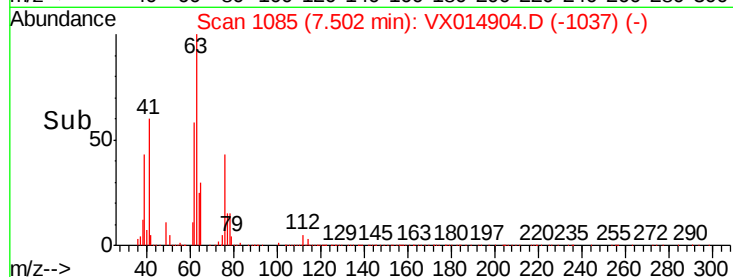
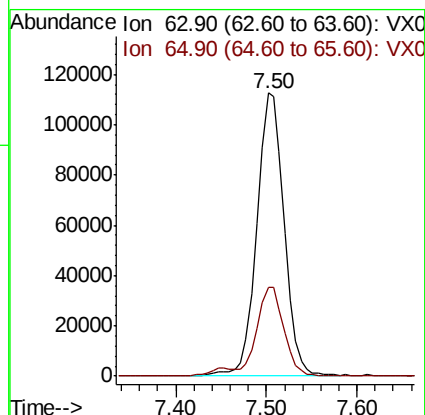
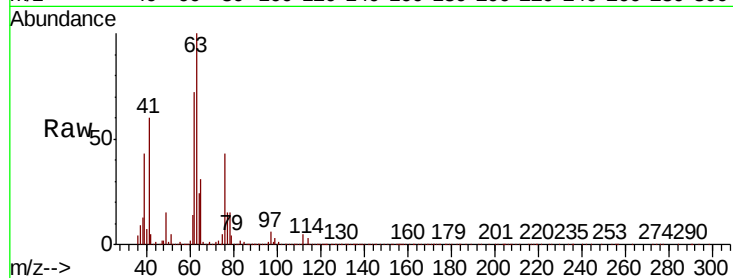




#45
 1,2-Dichloropropane
 Concen: 50.706 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

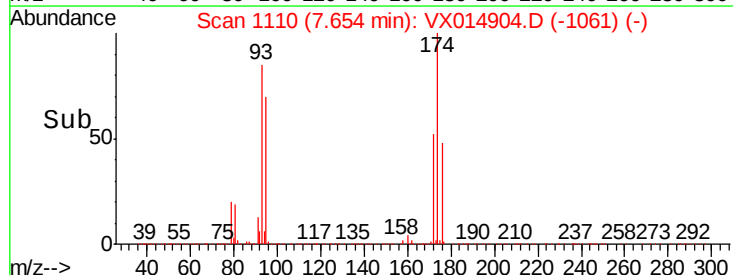
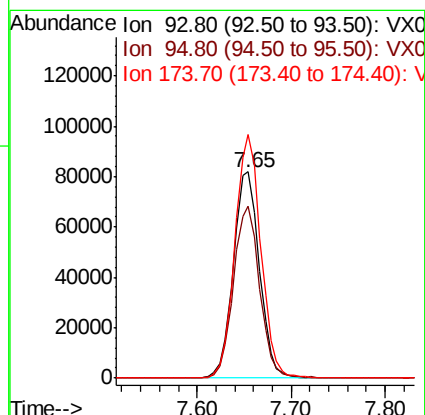
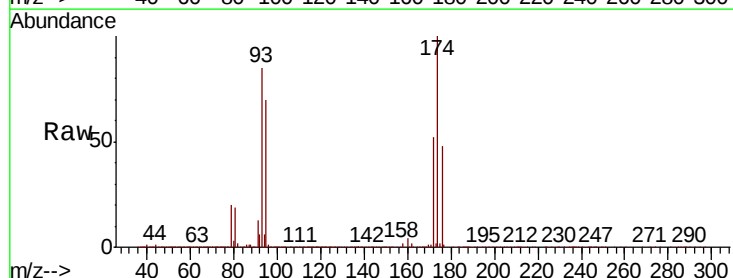
Instrument :
 MSVOA_X
 ClientSampleId :

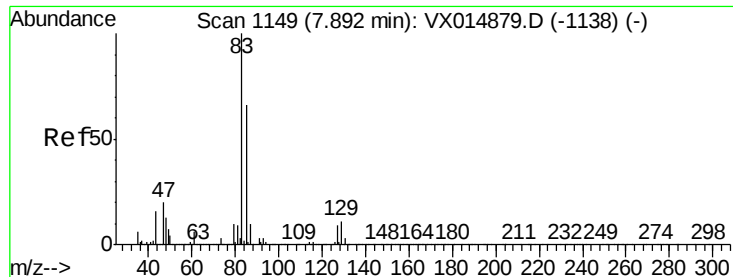
Tot Ion: 63 Resp: 232828
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.9 37.3



#46
 Dibromomethane
 Concen: 50.125 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Tgt Ion: 93 Resp: 157328
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.8 98.8
 174 117.9 95.4 143.2

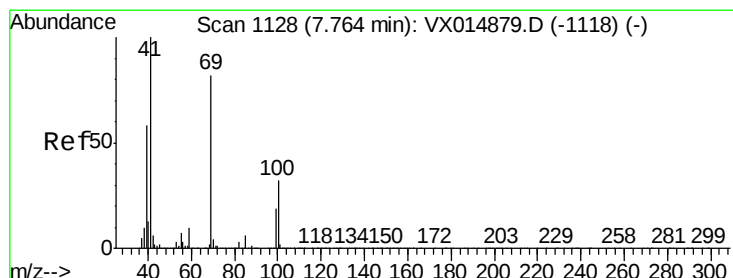
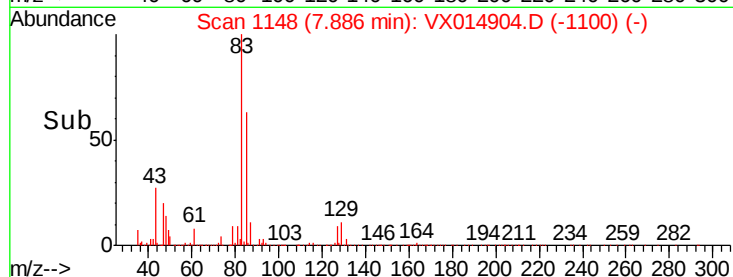
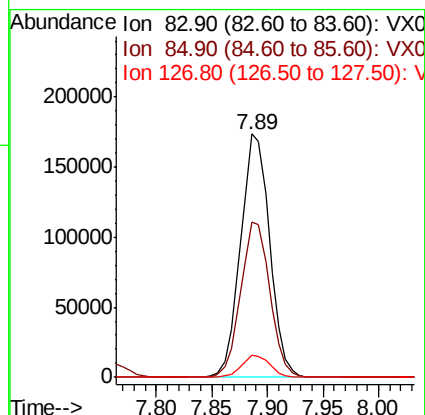
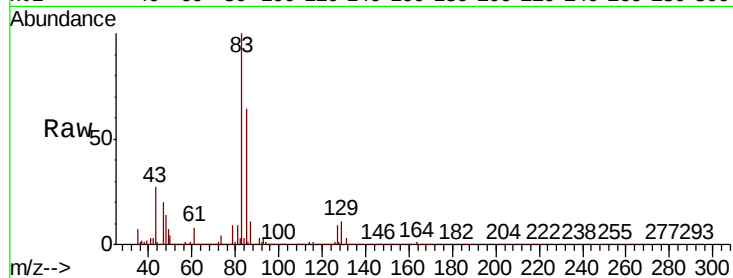




#47
Bromodichloromethane
Concen: 50.651 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

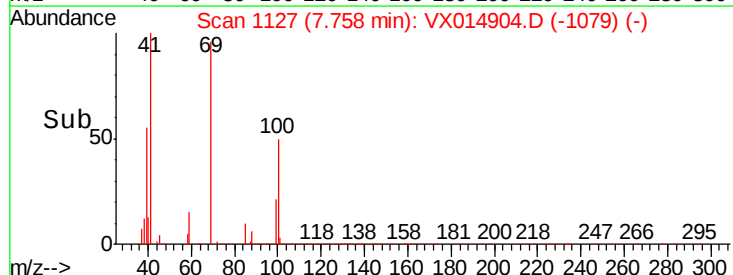
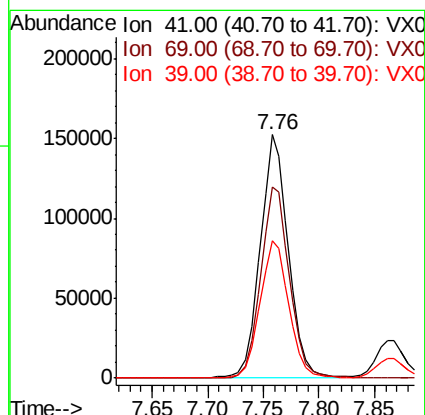
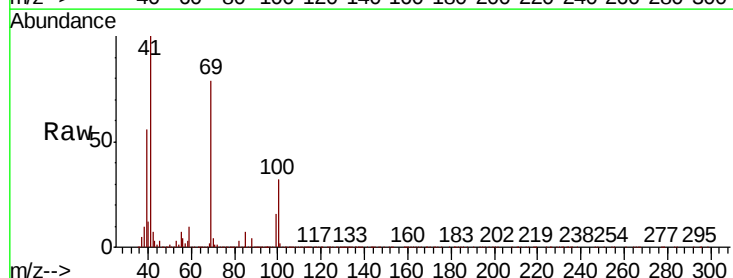
Instrument :
MSVOA_X
ClientSampleId :

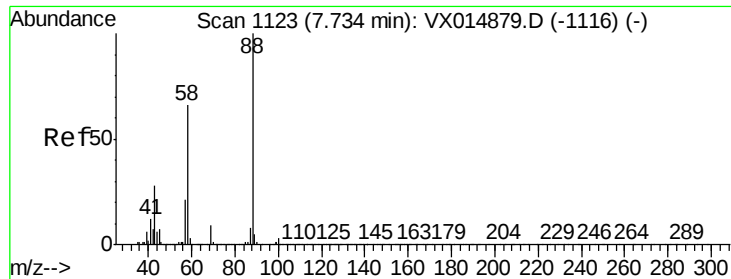
Tot Ion: 83 Resp: 315220
Ion Ratio Lower Upper
83 100
85 63.6 52.5 78.7
127 9.0 7.4 11.0



#48
Methyl methacrylate
Concen: 52.231 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion: 41 Resp: 266505
Ion Ratio Lower Upper
41 100
69 81.0 65.7 98.5
39 57.5 45.8 68.8





#49

1,4-Dioxane

Concen: 1107.756 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

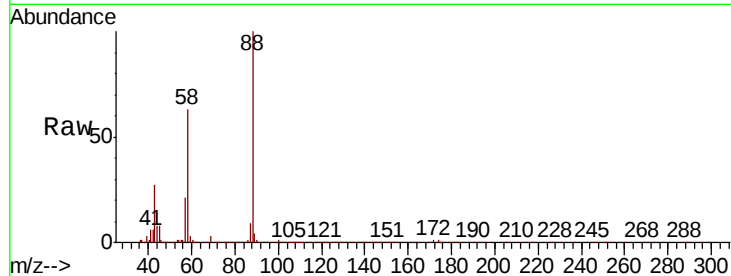
Tot Ion: 88 Resp: 105679

Ion Ratio Lower Upper

88 100

43 33.7 27.0 40.4

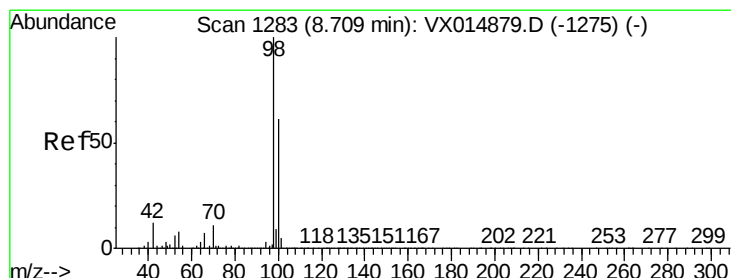
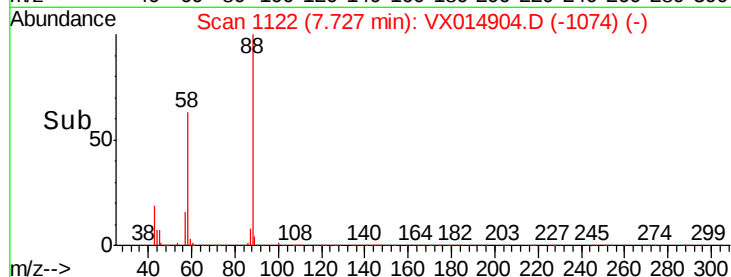
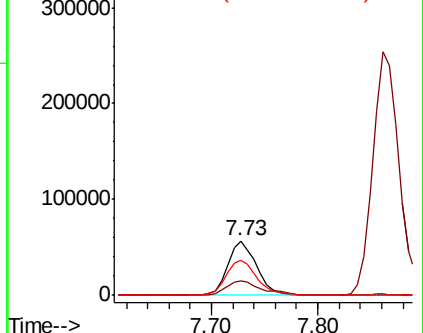
58 69.9 53.2 79.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.824 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014904.D

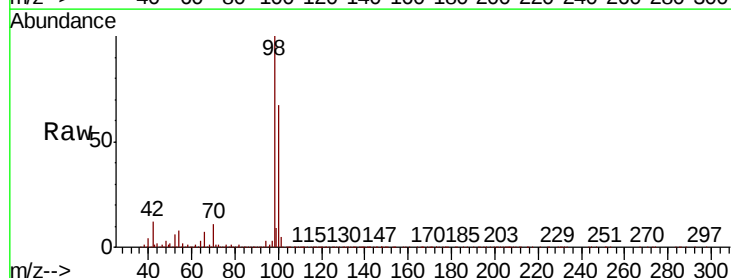
Acq: 11 Feb 2020 09:50

Tgt Ion: 98 Resp: 771819

Ion Ratio Lower Upper

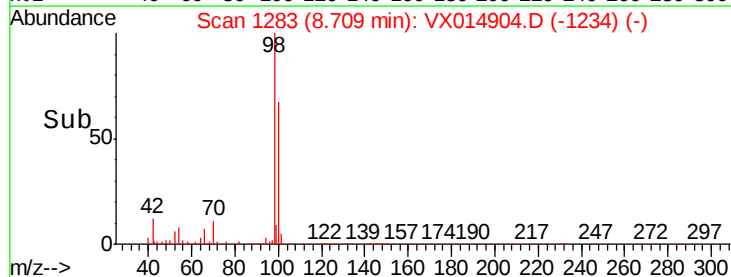
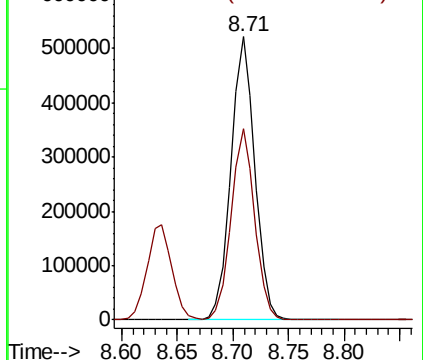
98 100

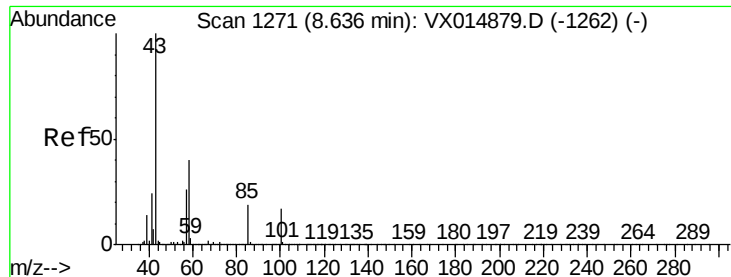
100 66.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

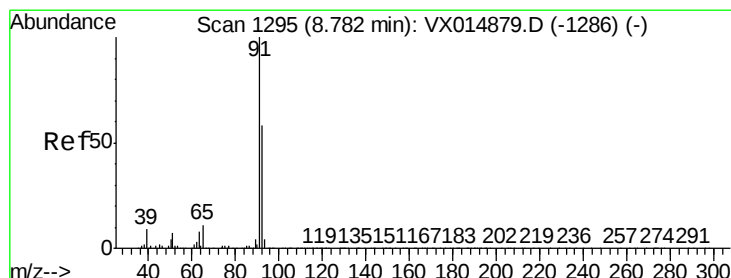
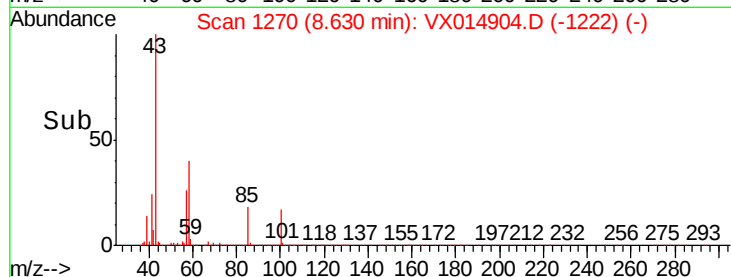
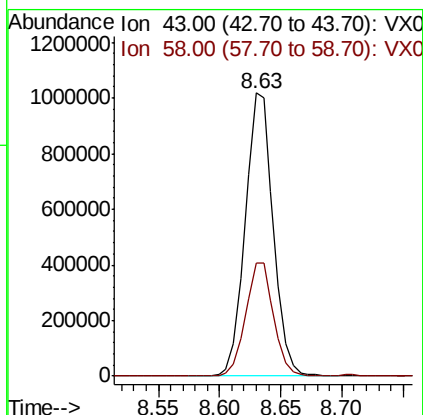
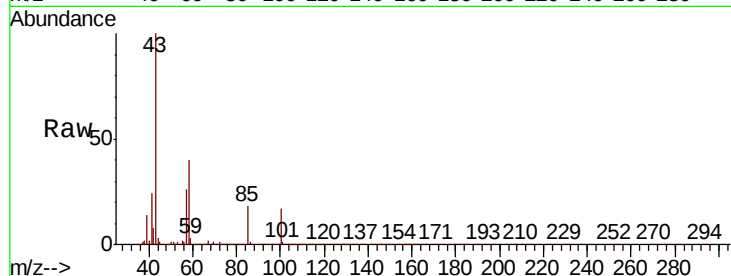




#51
4-Methyl-2-Pentanone
Concen: 257.603 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

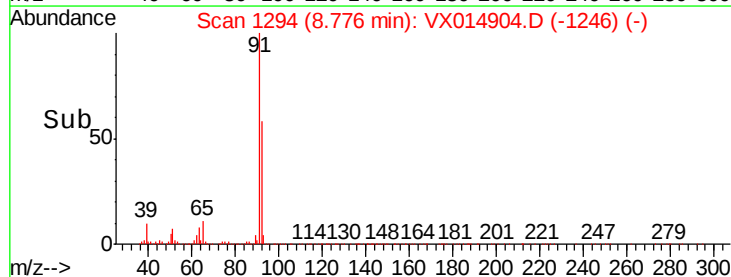
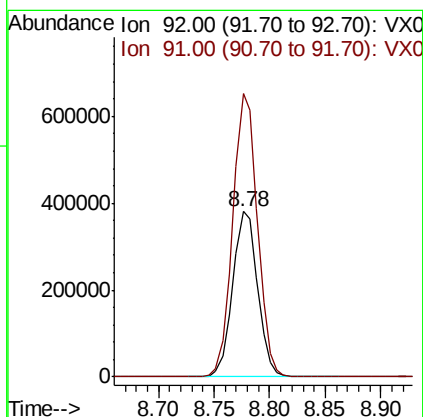
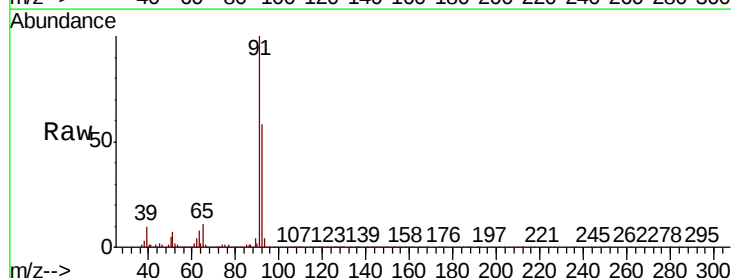
Instrument :
MSVOA_X
ClientSampled :

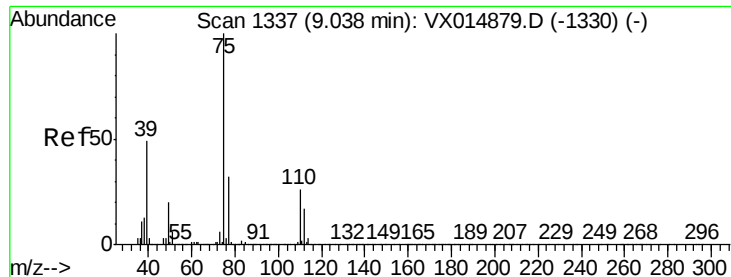
Tot Ion: 43 Resp: 1612696
Ion Ratio Lower Upper
43 100
58 40.1 31.9 47.9



#52
Toluene
Concen: 51.512 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion: 92 Resp: 589058
Ion Ratio Lower Upper
92 100
91 169.8 137.0 205.4

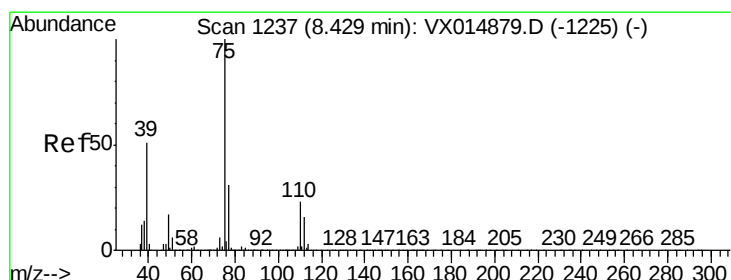
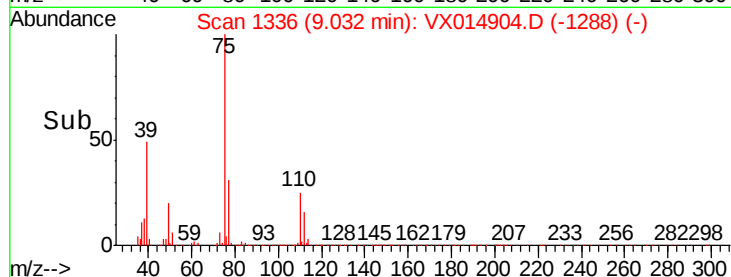
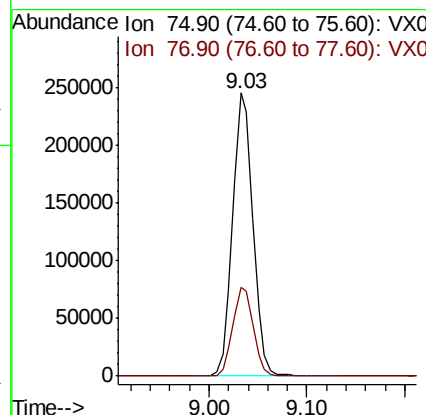
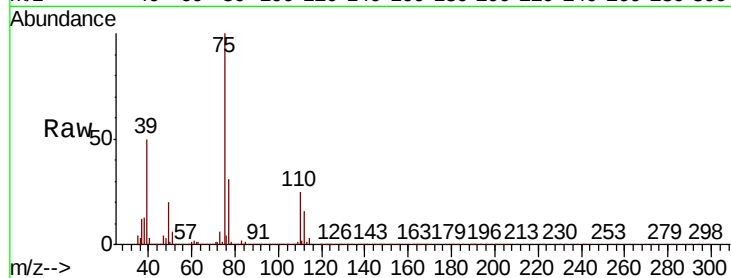




#53
 t-1,3-Dichloropropene
 Concen: 51.904 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

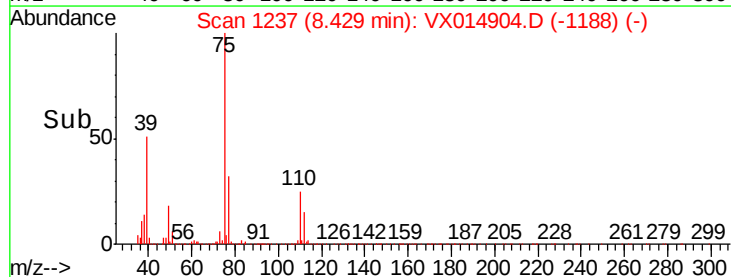
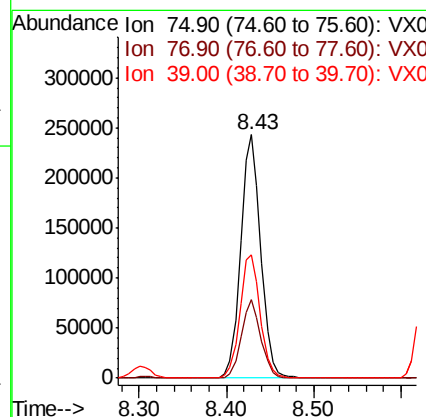
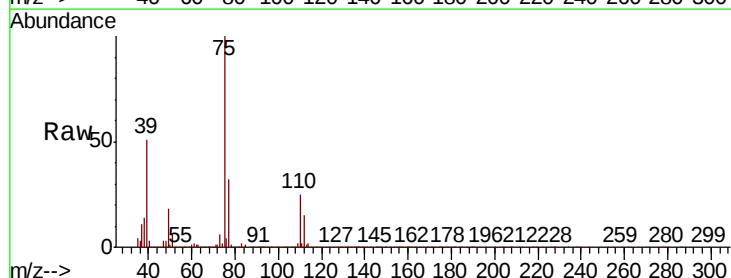
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 354007
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 51.444 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Tgt Ion: 75 Resp: 387609
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 37.0
 39 50.6 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 50.286 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 232653

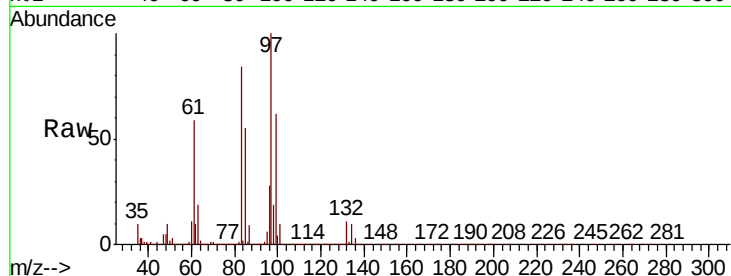
Ion Ratio Lower Upper

97 100

83 84.3 66.6 99.8

85 54.6 43.5 65.3

99 62.2 49.6 74.4

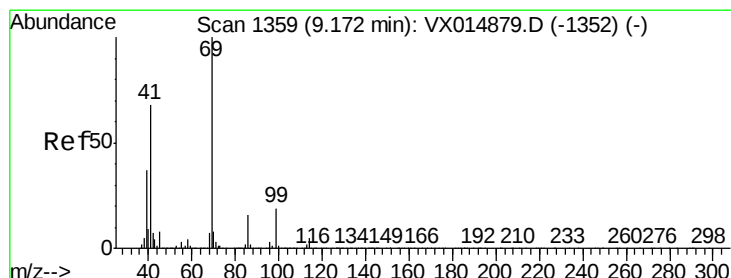
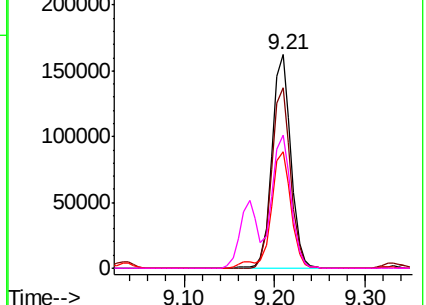
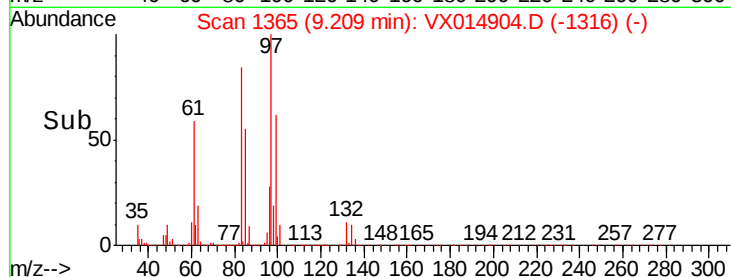


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.224 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

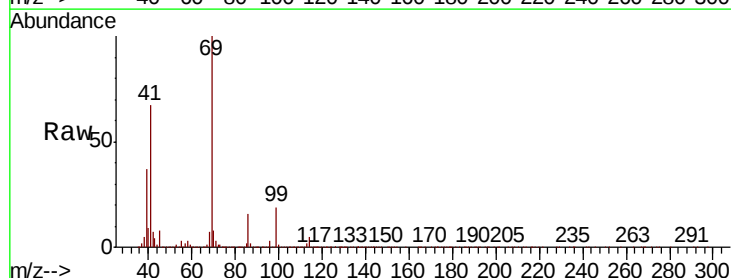
Tgt Ion: 69 Resp: 370128

Ion Ratio Lower Upper

69 100

41 68.5 54.8 82.2

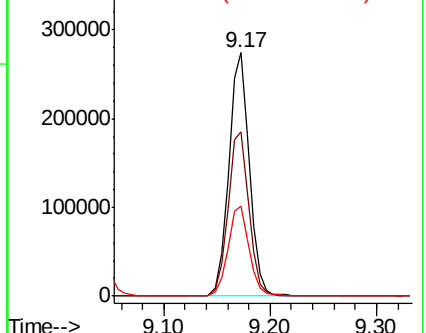
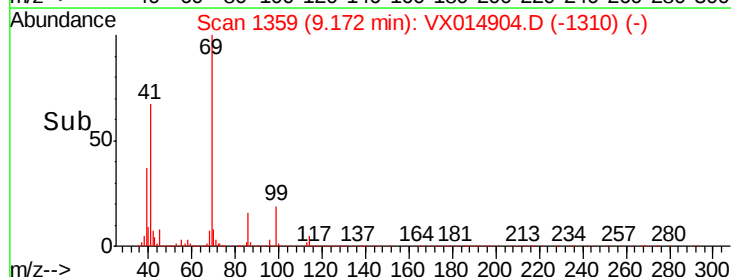
39 37.6 29.9 44.9

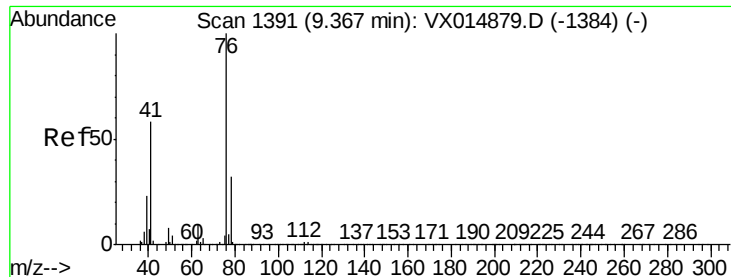


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.210 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

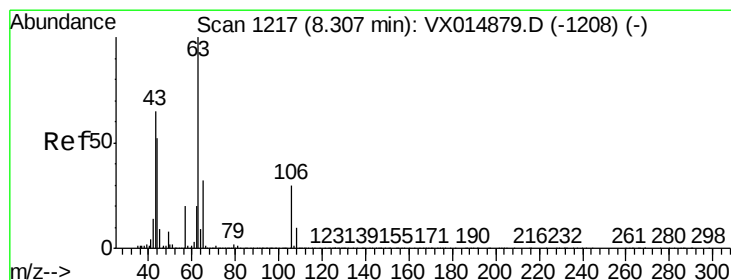
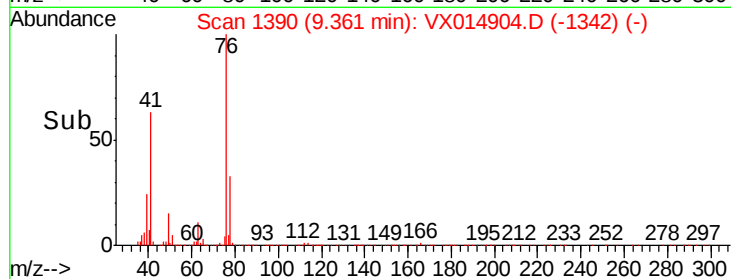
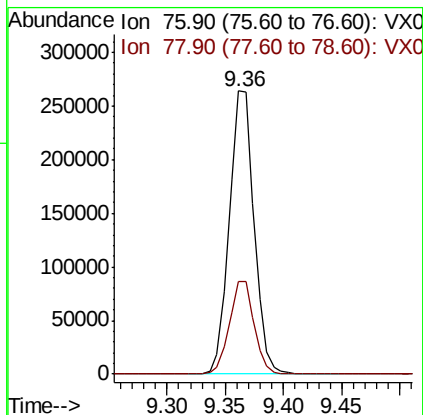
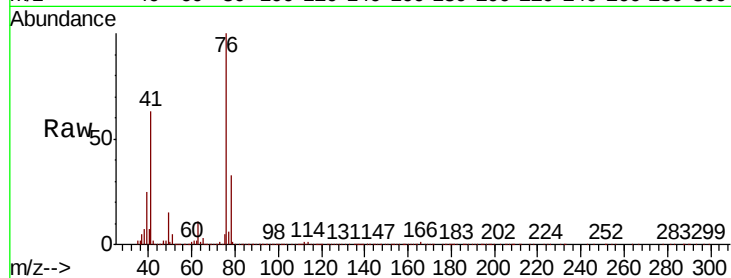
ClientSampleId :

Tot Ion: 76 Resp: 391037

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 237.858 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014904.D

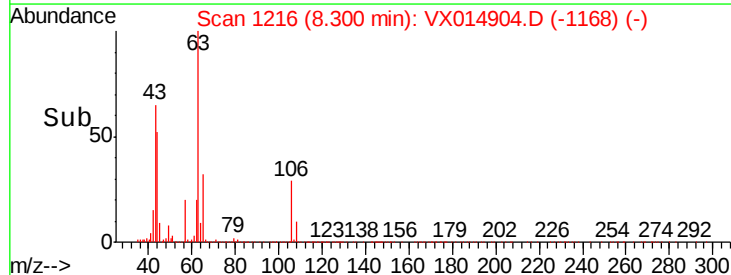
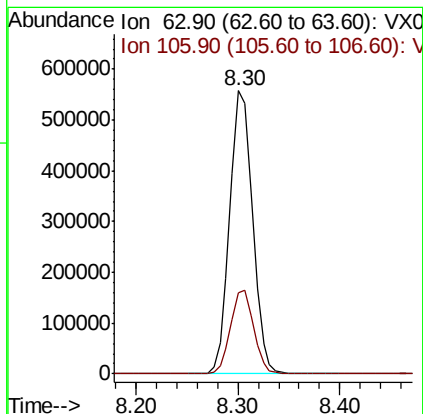
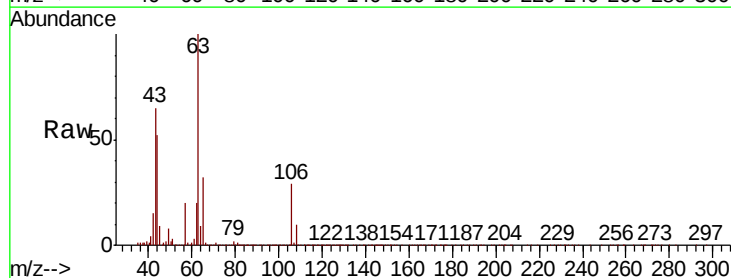
Acq: 11 Feb 2020 09:50

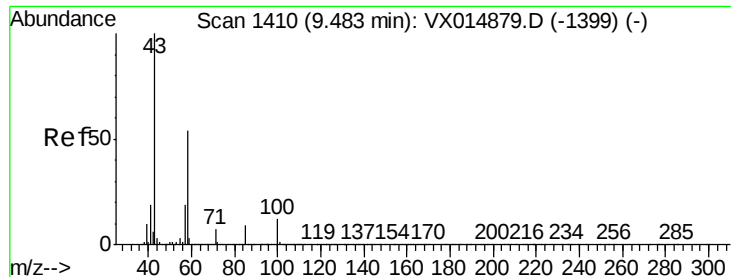
Tgt Ion: 63 Resp: 865061

Ion Ratio Lower Upper

63 100

106 29.7 23.8 35.8

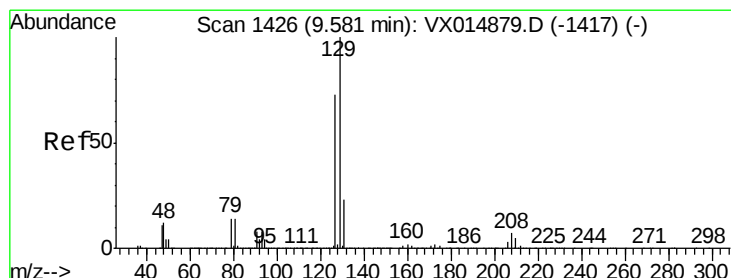
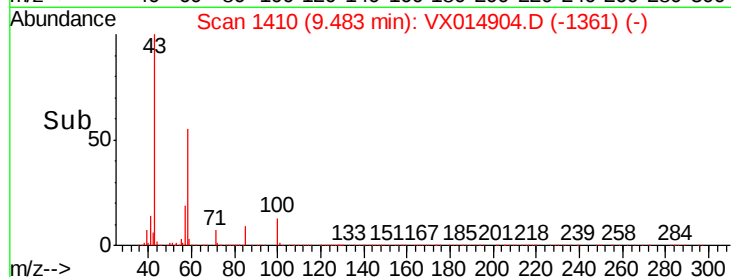
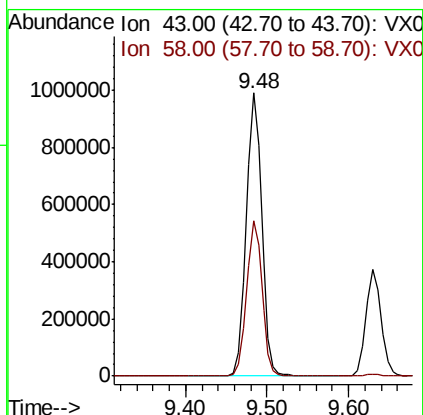
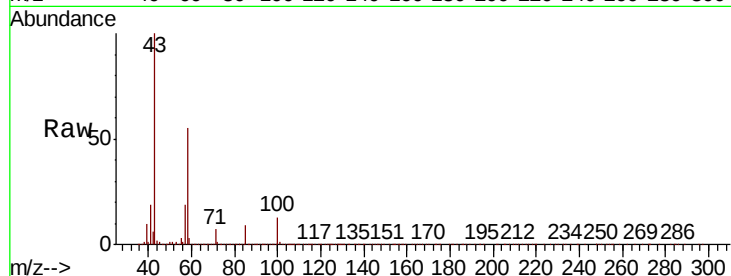




#59
2-Hexanone
Concen: 264.832 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

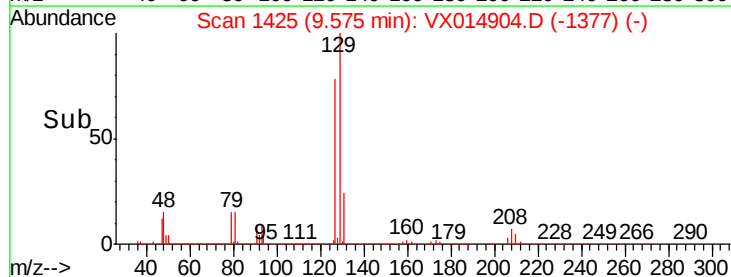
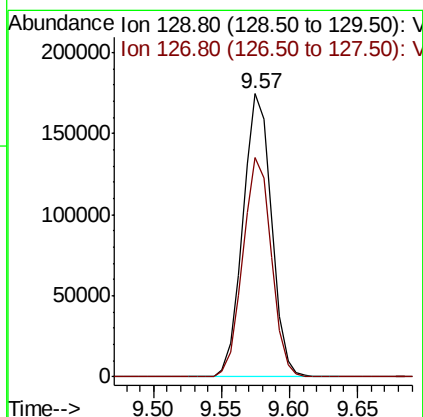
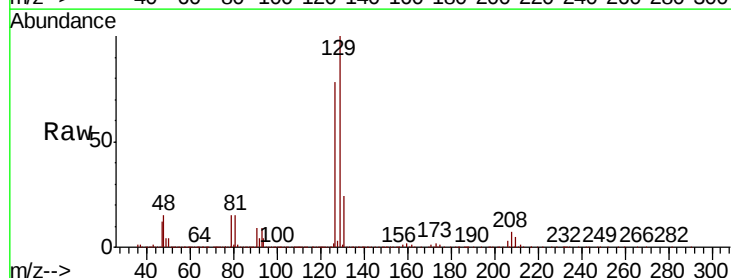
Instrument :
MSVOA_X
ClientSampled :

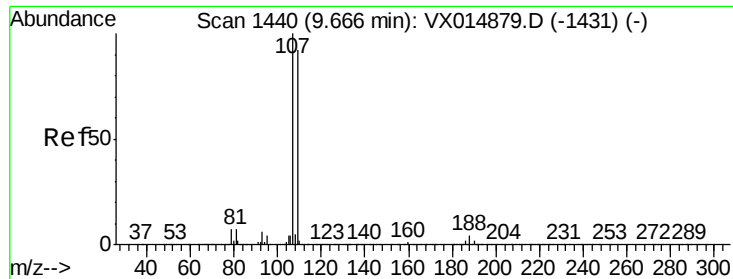
Tot Ion: 43 Resp: 1303176
Ion Ratio Lower Upper
43 100
58 54.6 27.5 82.5



#60
Dibromochloromethane
Concen: 51.466 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion: 129 Resp: 256247
Ion Ratio Lower Upper
129 100
127 77.6 37.8 113.3





#61

1,2-Dibromoethane

Concen: 49.491 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

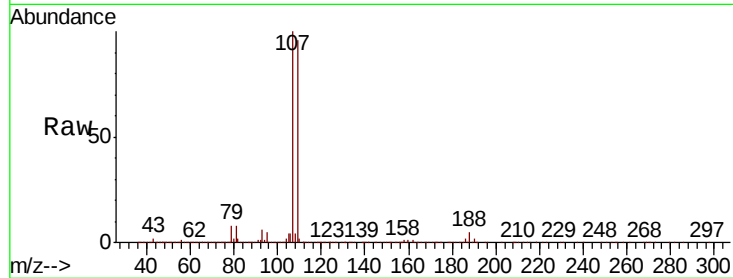
ClientSampleId :

Tot Ion: 107 Resp: 247059

Ion Ratio Lower Upper

107 100

109 95.3 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

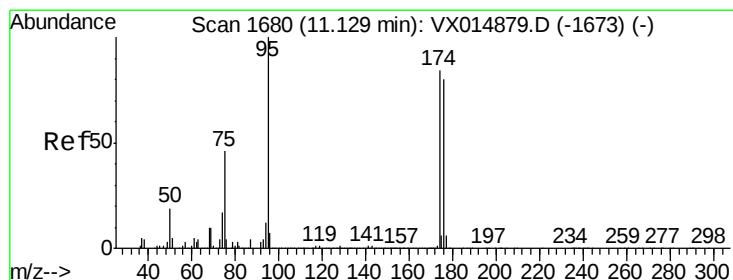
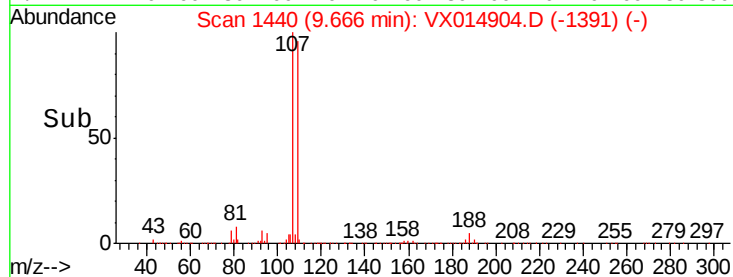
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.543 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

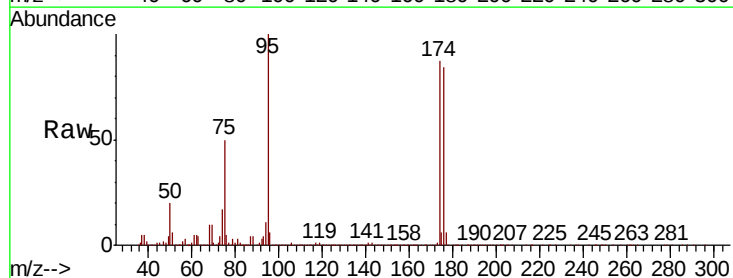
Tgt Ion: 95 Resp: 282130

Ion Ratio Lower Upper

95 100

174 93.0 0.0 183.0

176 90.1 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

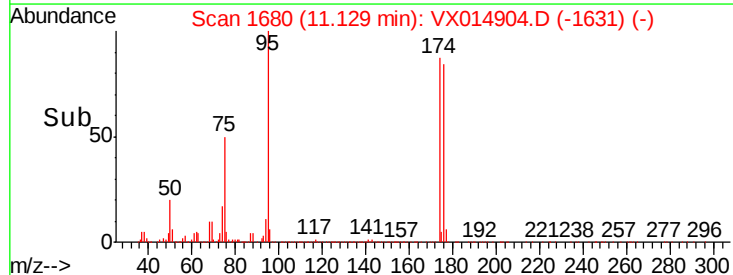
150000

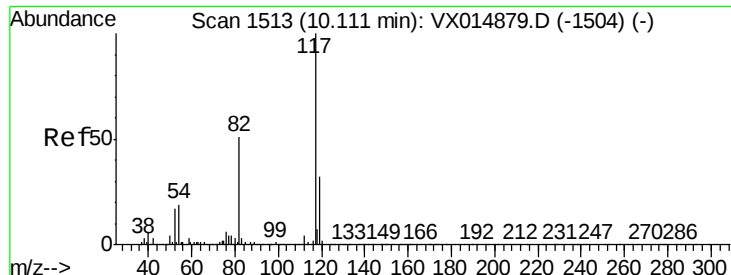
100000

50000

0

Time-->

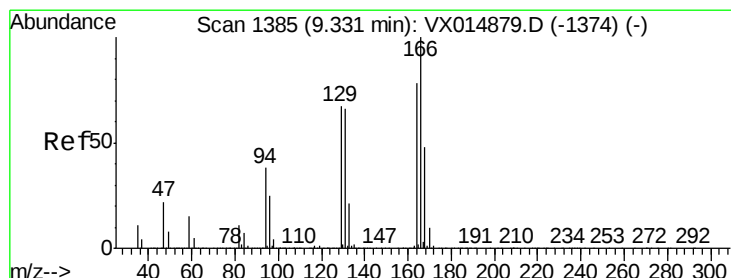
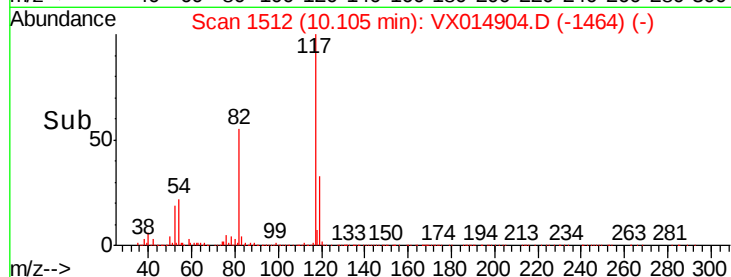
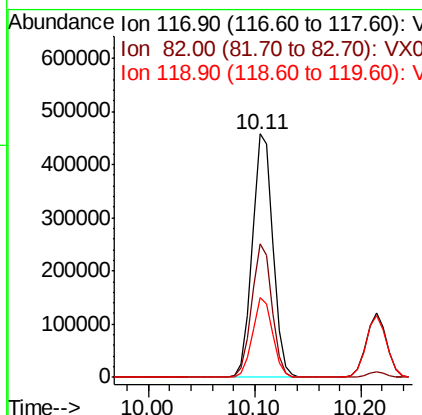
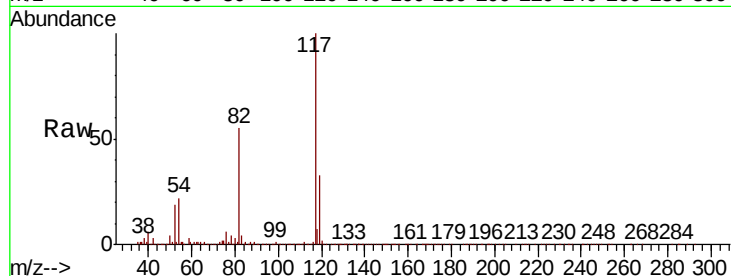




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

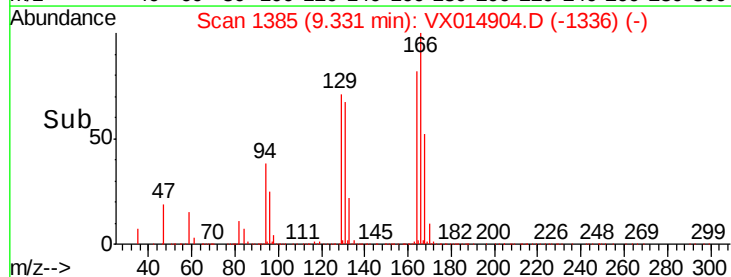
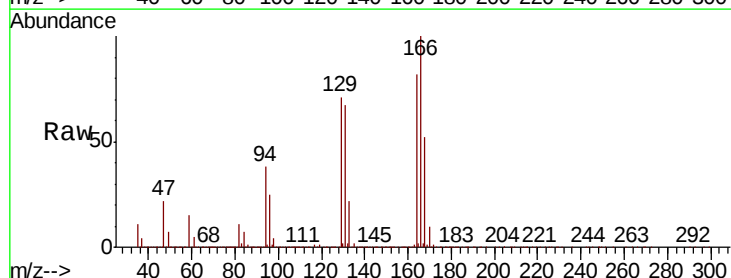
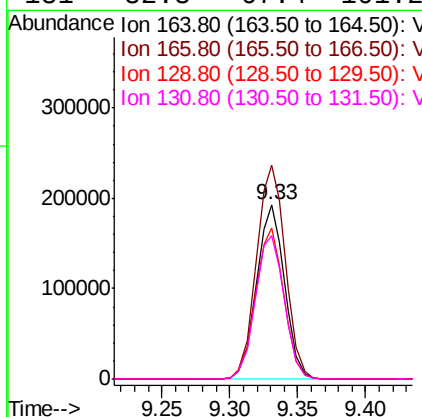
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	40.5	60.7
119	32.6	25.8	38.6



#64
Tetrachloroethene
Concen: 47.921 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.5	102.6	153.8
129	86.5	68.3	102.5
131	82.3	67.4	101.2





#65

Chlorobenzene

Concen: 50.847 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

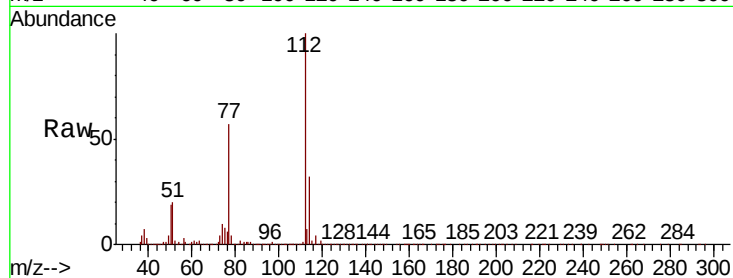
ClientSampled :

Tot Ion:112 Resp: 640663

Ion Ratio Lower Upper

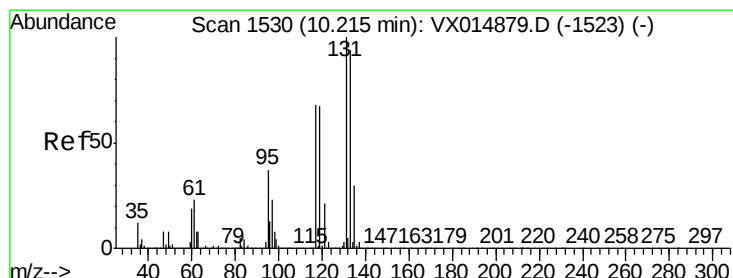
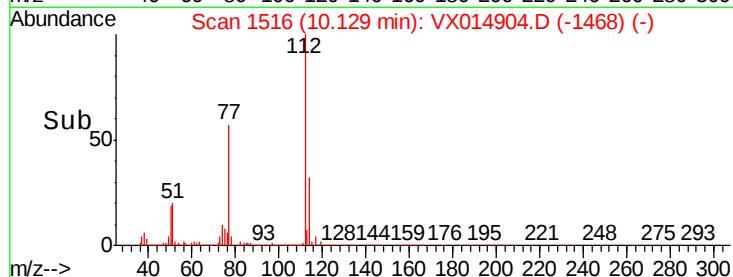
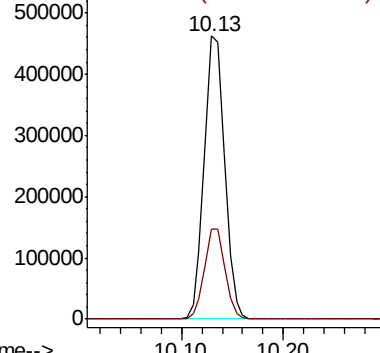
112 100

114 31.8 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.508 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

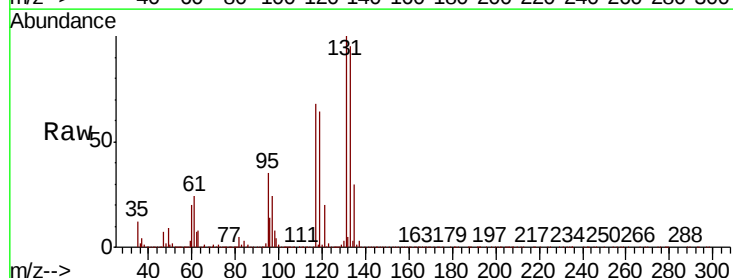
Tgt Ion:131 Resp: 240187

Ion Ratio Lower Upper

131 100

133 94.8 48.1 144.4

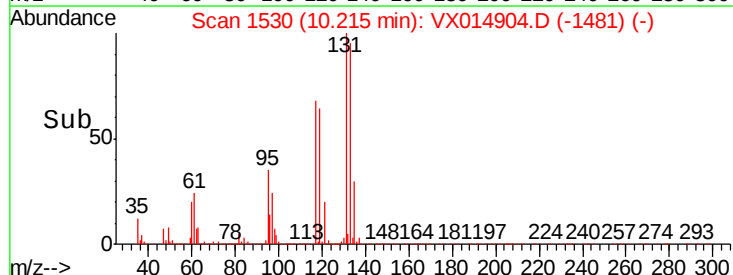
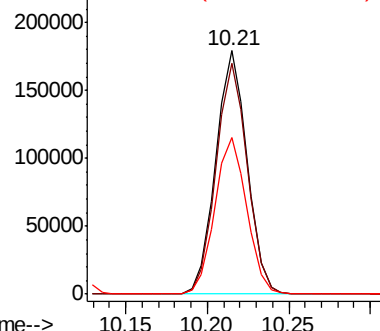
119 65.4 33.0 99.0

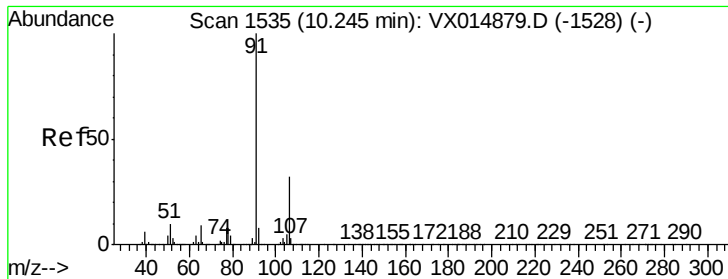


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

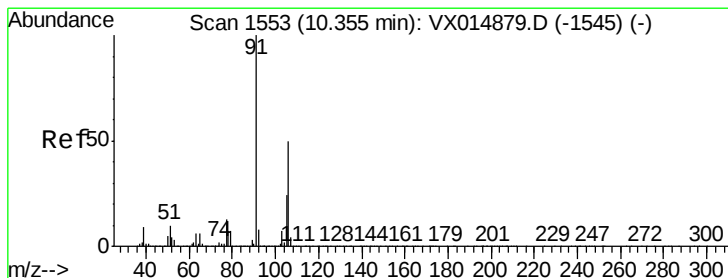
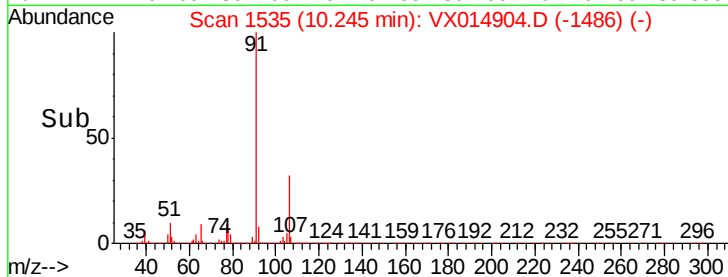
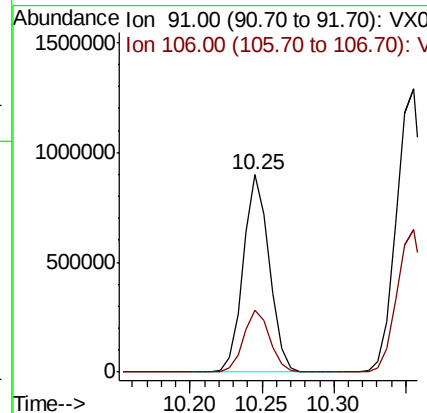
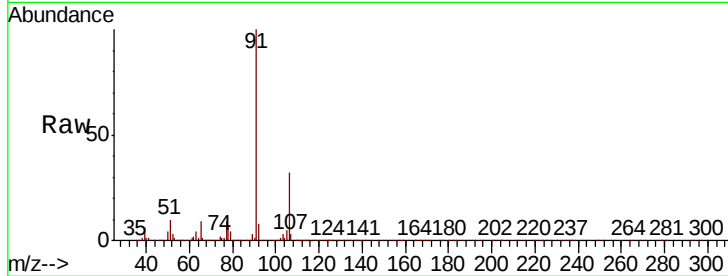




#67
Ethyl Benzene
Concen: 52.772 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

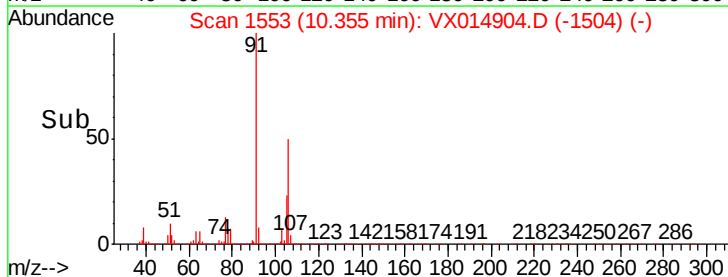
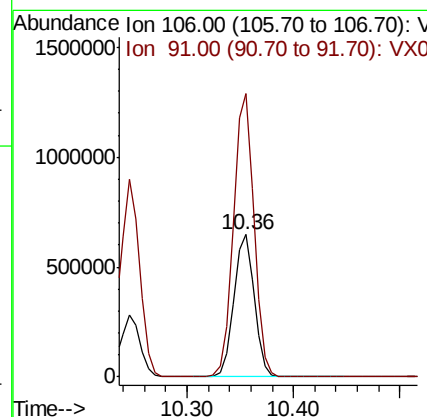
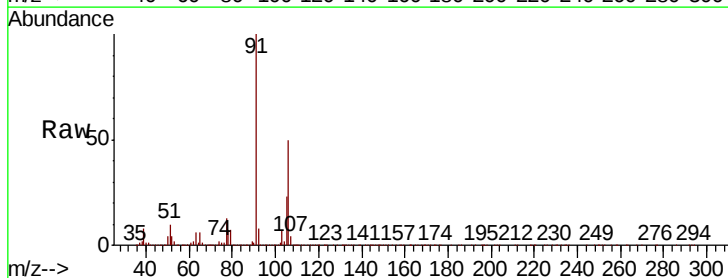
Instrument :
MSVOA_X
ClientSampled :

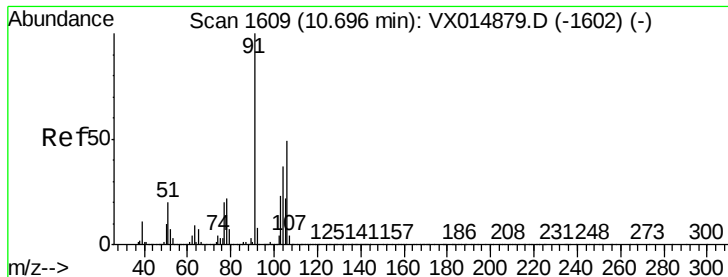
Tot Ion: 91 Resp: 1130816
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 105.408 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion: 106 Resp: 870131
Ion Ratio Lower Upper
106 100
91 200.2 160.6 240.8

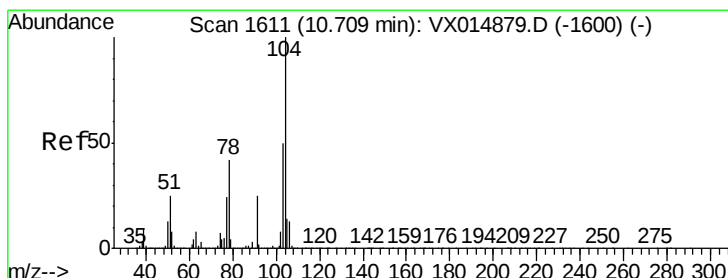
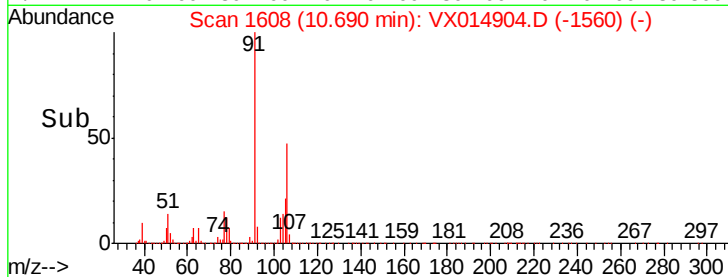
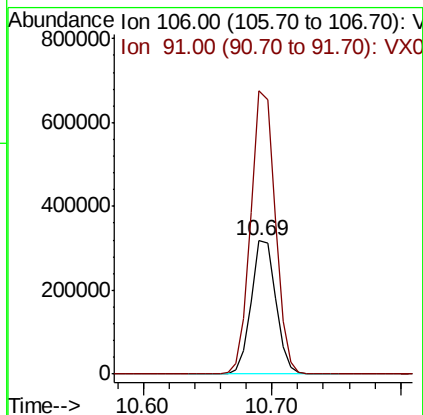
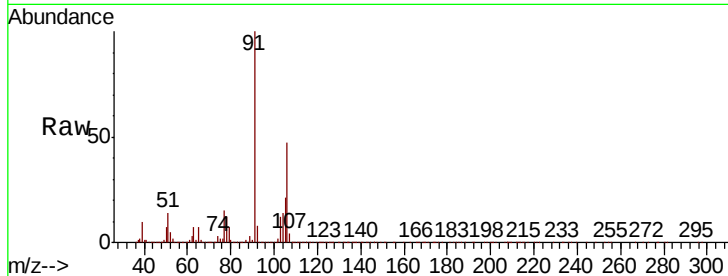




#69
o-Xylene
Concen: 52.535 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

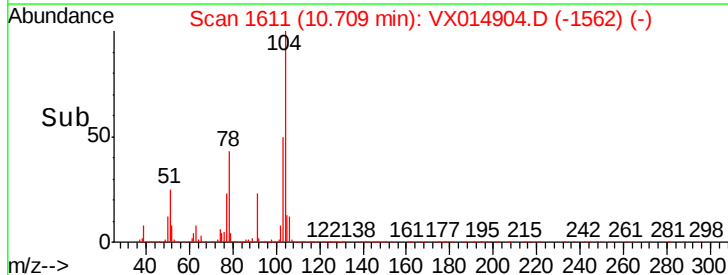
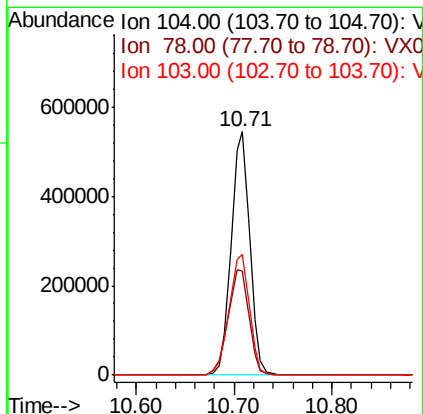
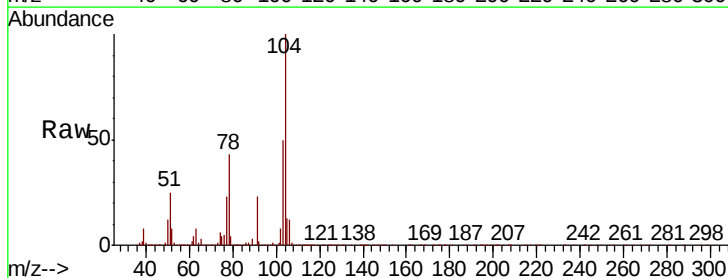
Instrument :
MSVOA_X
ClientSampled :

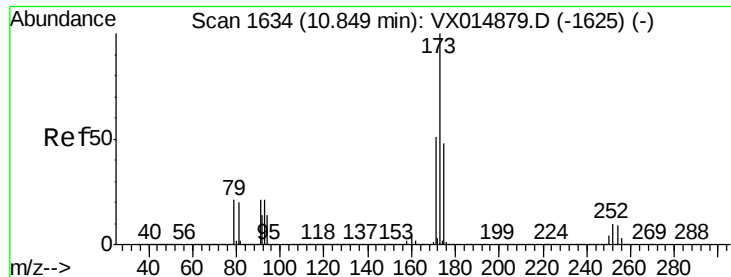
Tot Ion:106 Resp: 416877
Ion Ratio Lower Upper
106 100
91 210.7 105.1 315.3



#70
Styrene
Concen: 53.502 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion:104 Resp: 718231
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.4
103 54.4 43.4 65.0

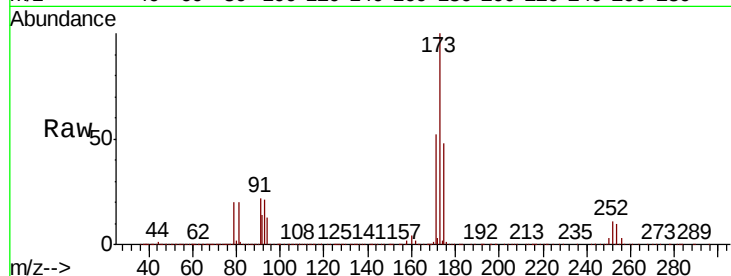




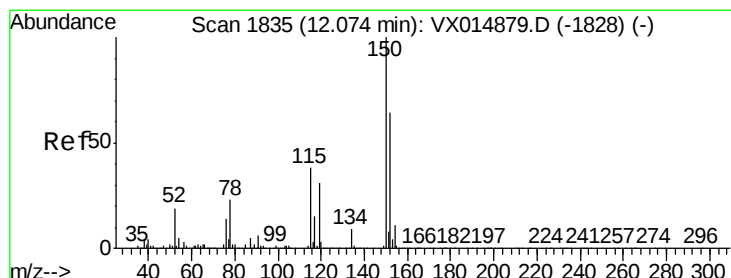
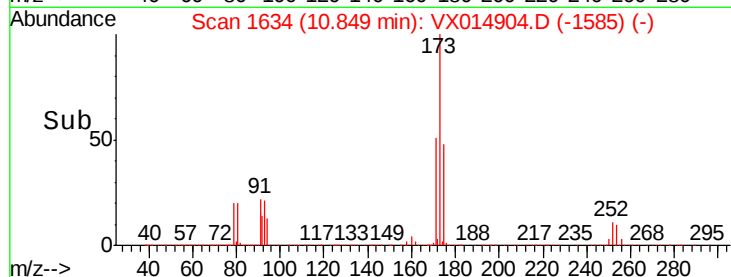
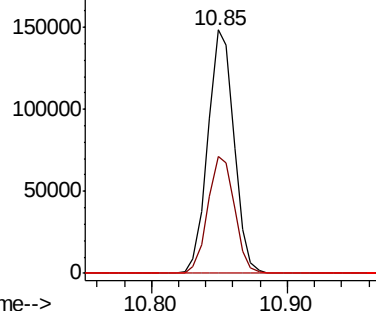
#71
Bromoform
Concen: 52.086 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 198873
Ion Ratio Lower Upper
173 100
175 49.2 24.2 72.6
254 0.2 0.2 0.2

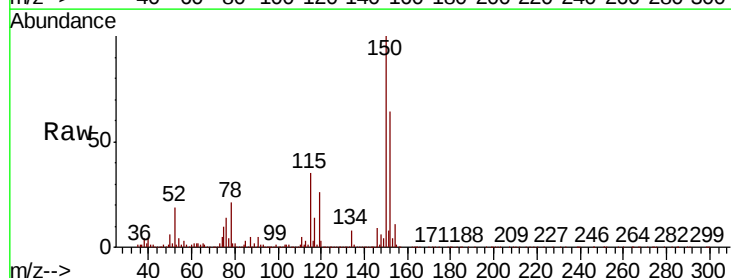


Abundance Ion 172.70 (172.40 to 173.40): V
200000 Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

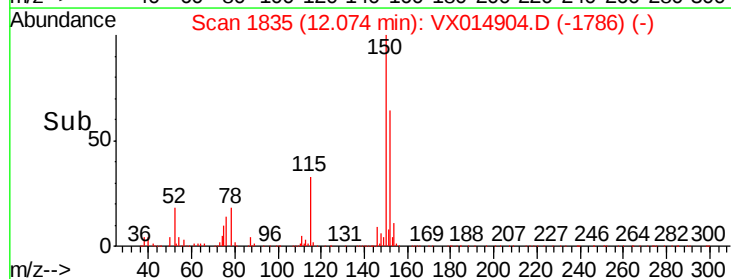
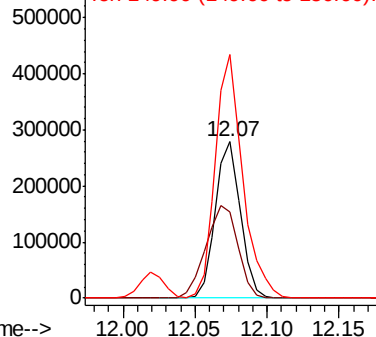


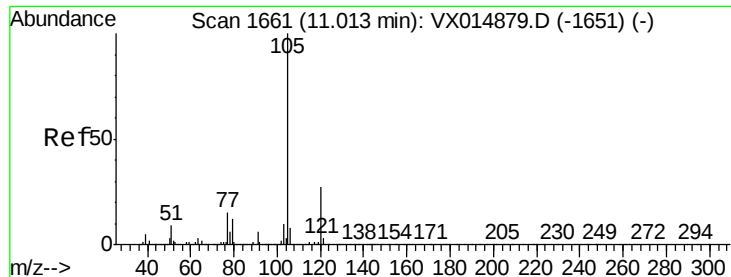
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014904.D
Acq: 11 Feb 2020 09:50

Tgt Ion:152 Resp: 333151
Ion Ratio Lower Upper
152 100
115 76.9 38.6 116.0
150 171.1 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
600000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.805 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

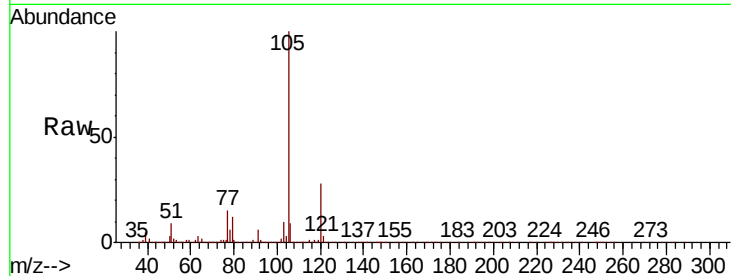
ClientSampleId :

Tot Ion:105 Resp: 1124110

Ion Ratio Lower Upper

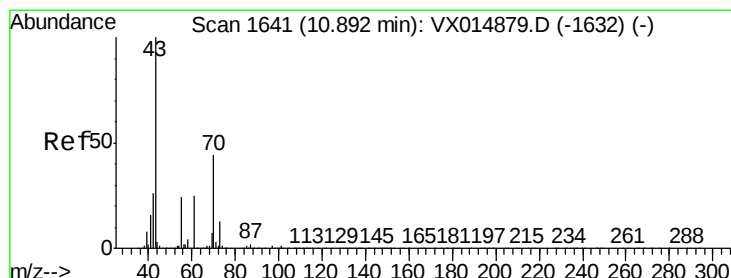
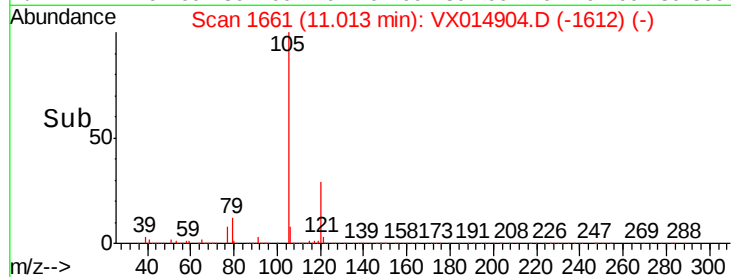
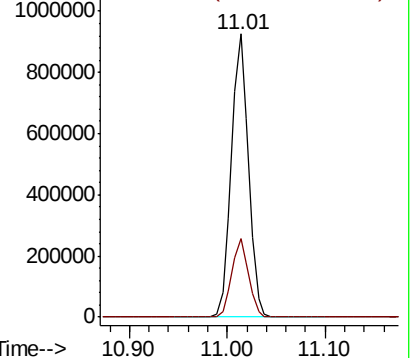
105 100

120 27.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.023 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Tgt Ion: 43 Resp: 468966

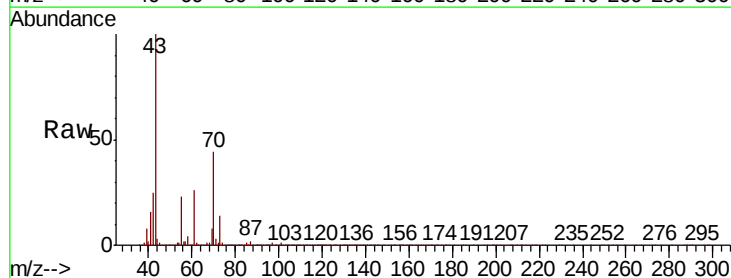
Ion Ratio Lower Upper

43 100

70 44.3 35.0 52.4

55 24.0 19.4 29.2

61 25.3 19.8 29.6

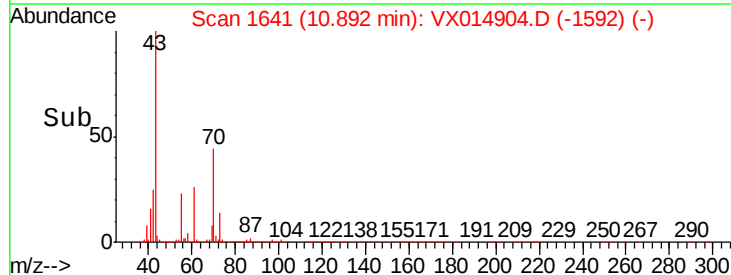
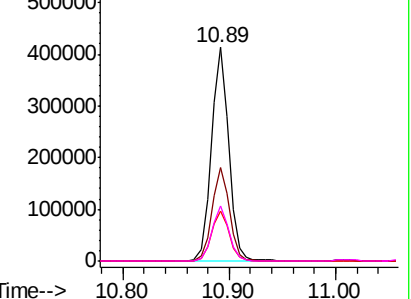


Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 51.102 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

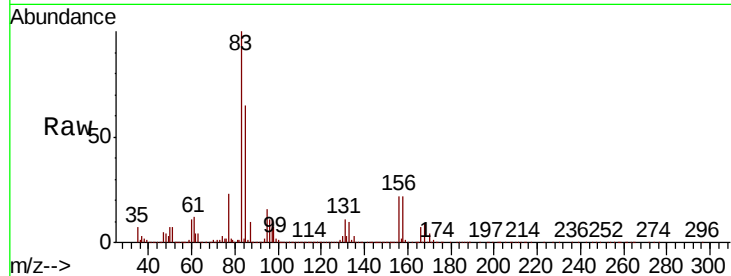
Tot Ion: 83 Resp: 349003

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

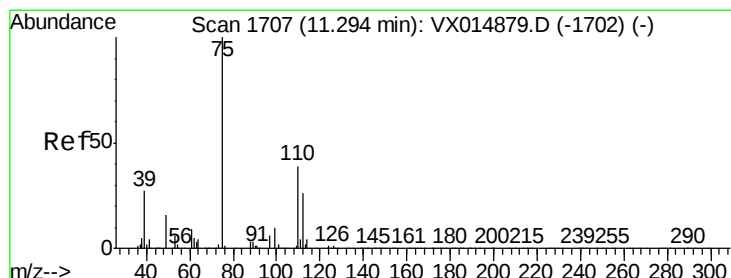
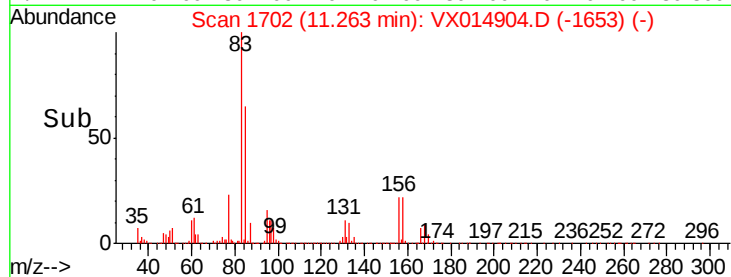
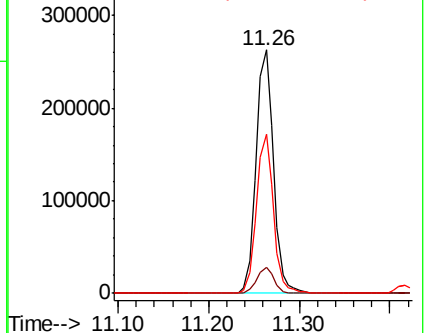
85 63.9 32.6 97.7



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: 67.862 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014904.D

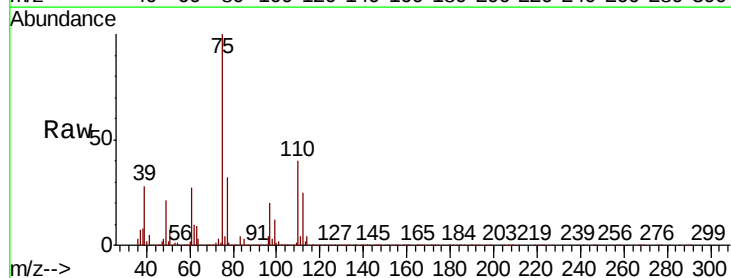
Acq: 11 Feb 2020 09:50

Tgt Ion: 75 Resp: 408829

Ion Ratio Lower Upper

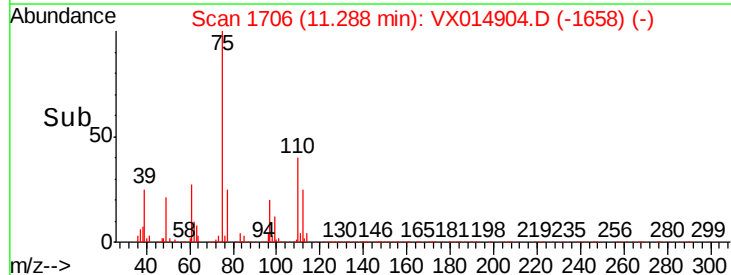
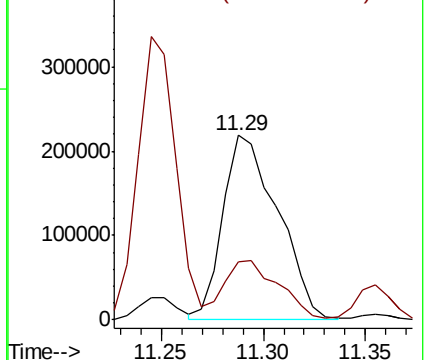
75 100

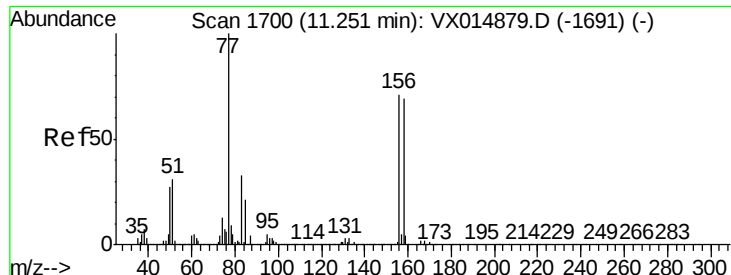
77 32.2 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.875 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

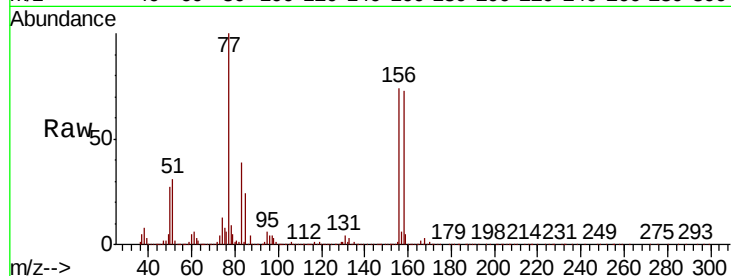
Tot Ion:156 Resp: 296668

Ion Ratio Lower Upper

156 100

77 145.5 74.0 222.0

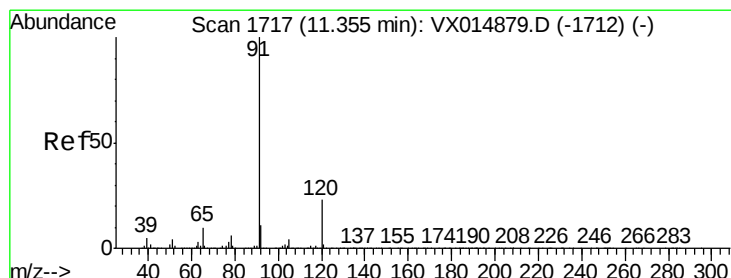
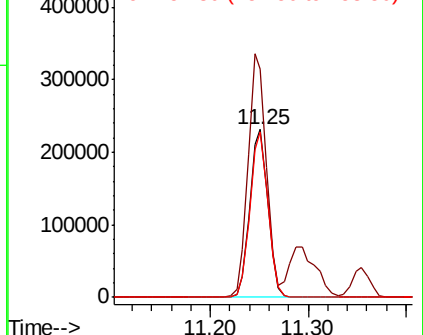
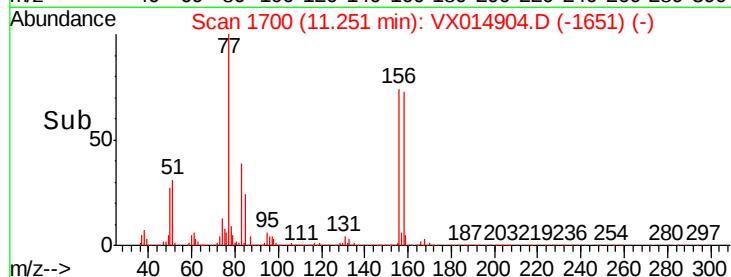
158 97.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.074 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014904.D

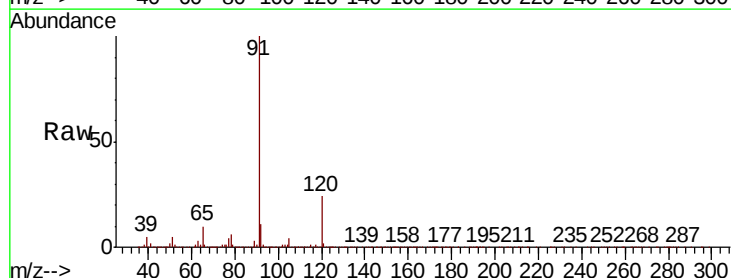
Acq: 11 Feb 2020 09:50

Tgt Ion: 91 Resp: 1282485

Ion Ratio Lower Upper

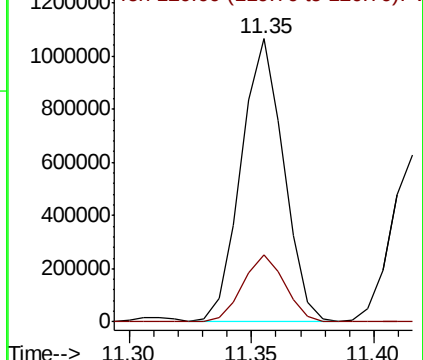
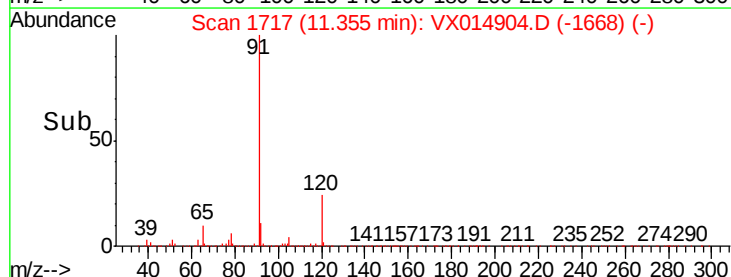
91 100

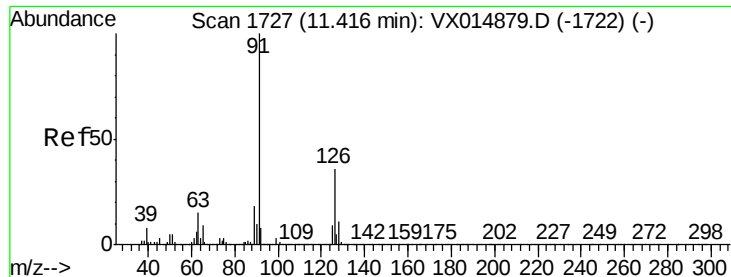
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

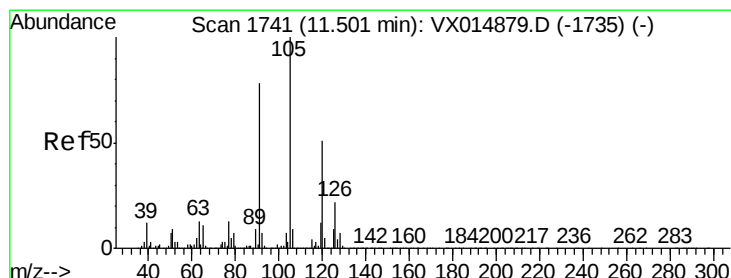
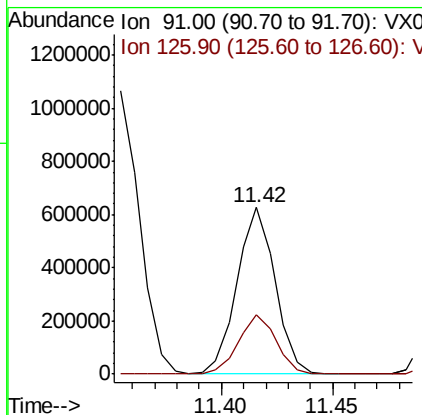
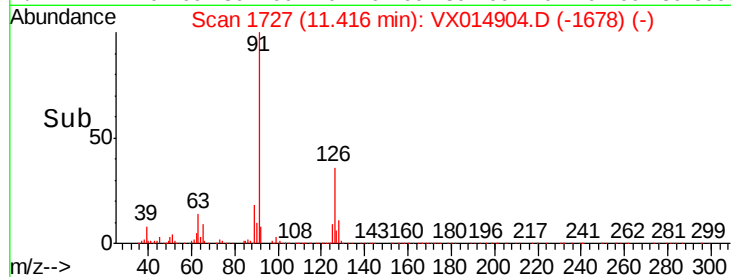
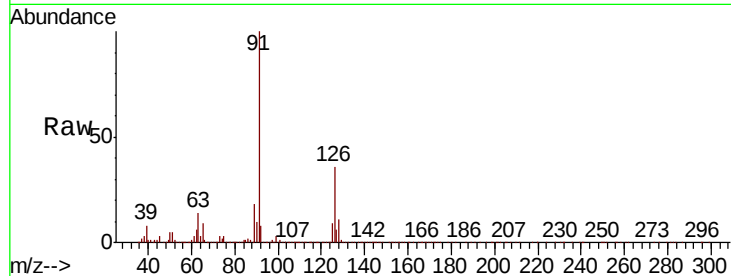




#79
 2-Chlorotoluene
 Concen: 52.501 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

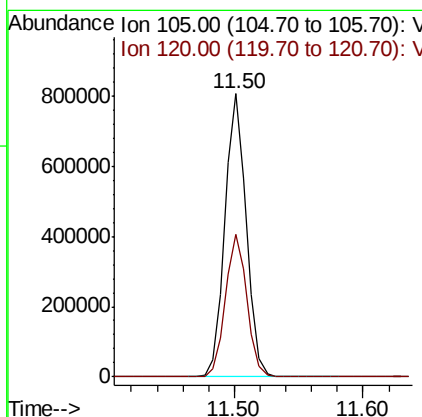
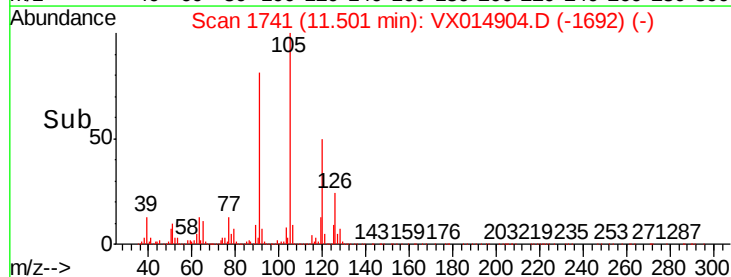
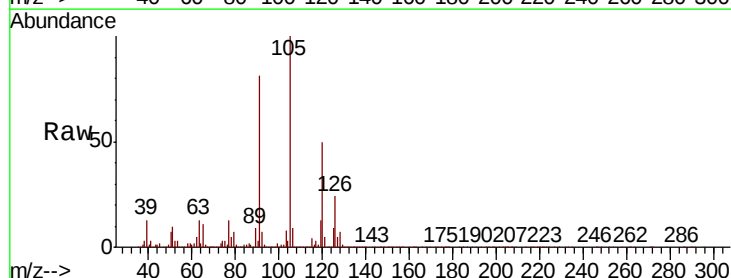
Instrument :
 MSVOA_X
 ClientSampleId :

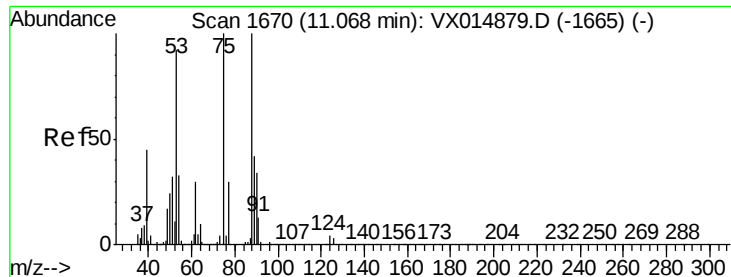
Tot Ion: 91 Resp: 745816
 Ion Ratio Lower Upper
 91 100
 126 35.6 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 53.925 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Tgt Ion: 105 Resp: 941358
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.377 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

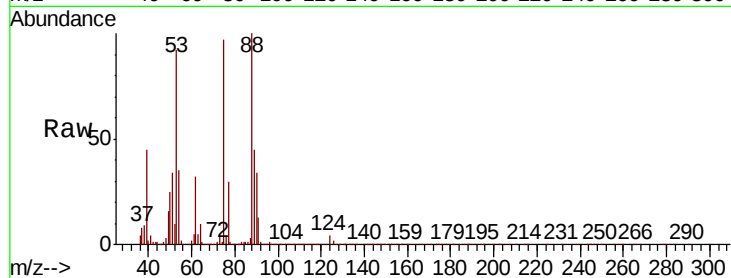
Tot Ion: 75 Resp: 120921

Ion Ratio Lower Upper

75 100

53 98.1 76.2 114.2

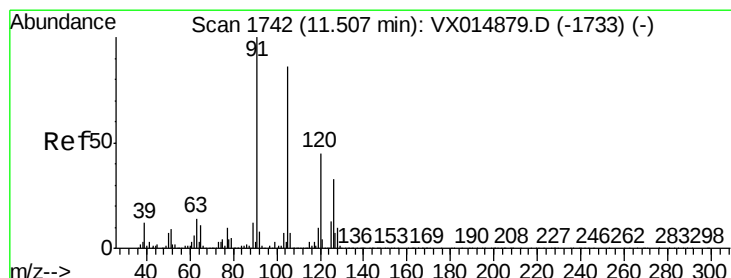
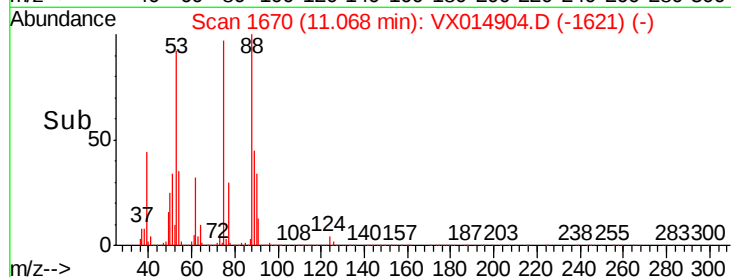
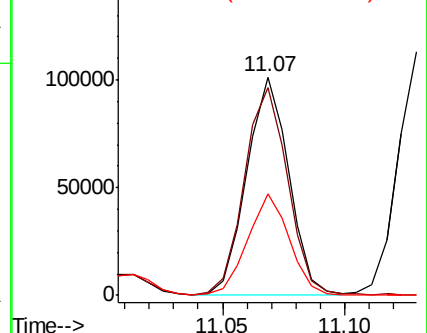
89 46.7 35.8 53.6



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: 51.875 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014904.D

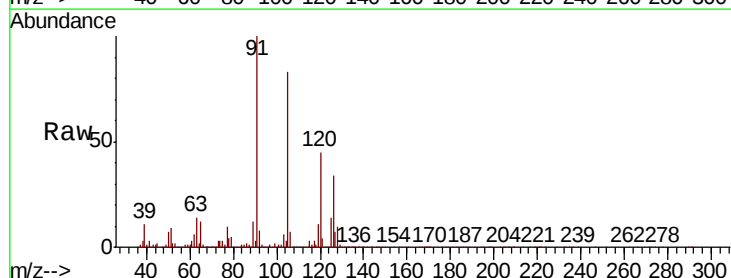
Acq: 11 Feb 2020 09:50

Tgt Ion: 91 Resp: 872691

Ion Ratio Lower Upper

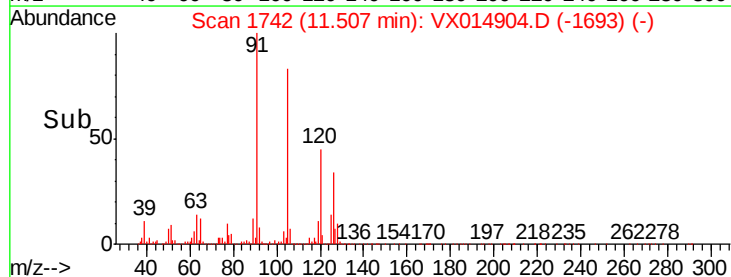
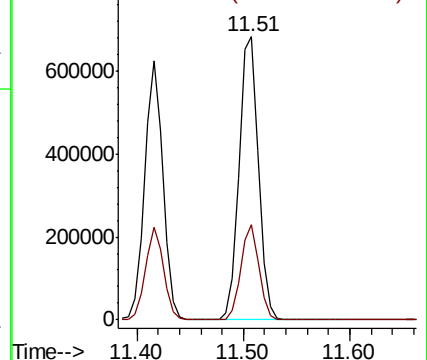
91 100

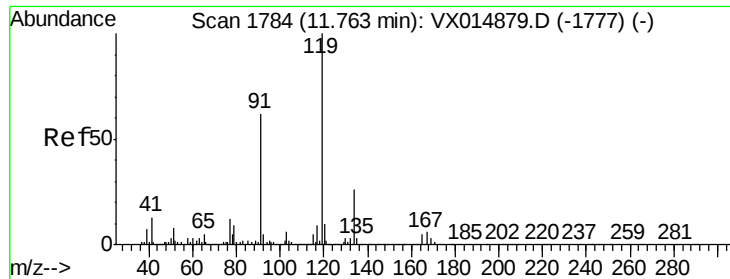
126 31.3 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

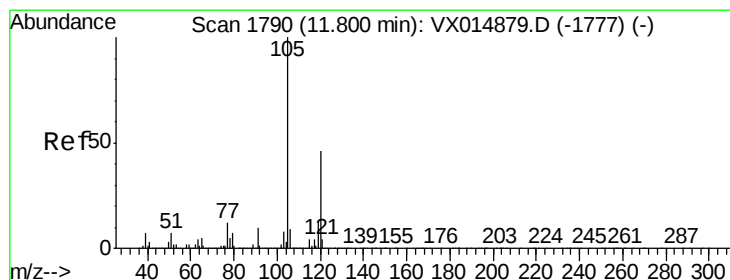
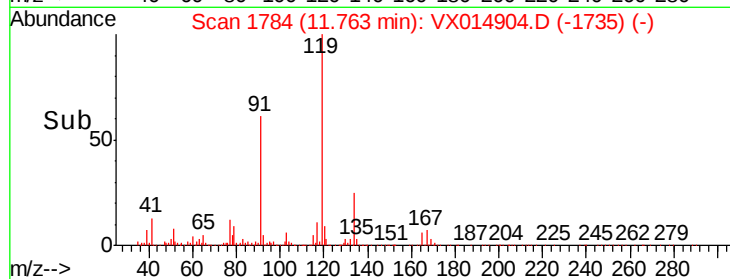
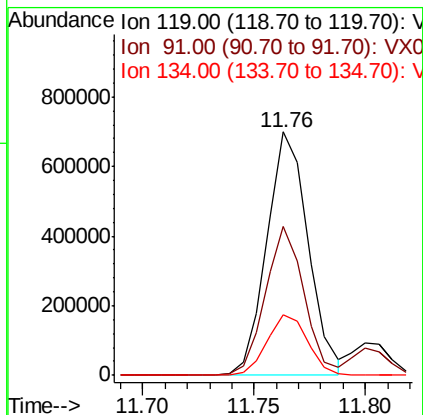
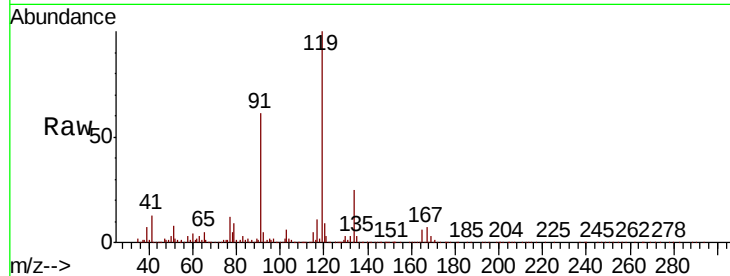




#83
 tert-Butylbenzene
 Concen: 54.490 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

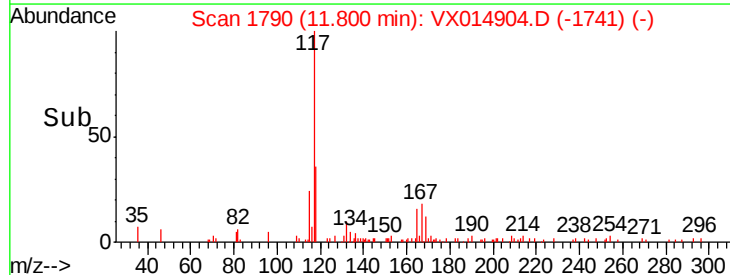
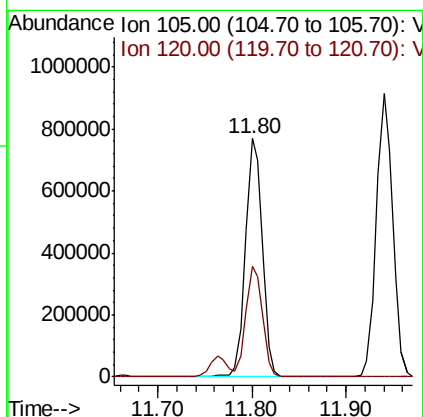
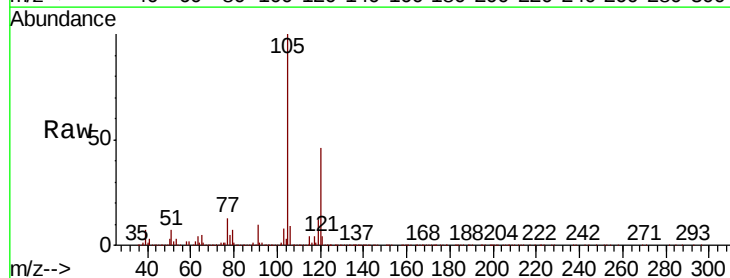
Instrument :
 MSVOA_X
 ClientSampleId :

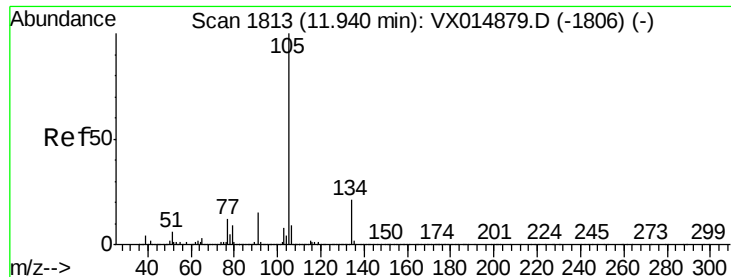
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	29.5	88.6
134	24.6	12.6	37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 54.128 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.0	69.0





#85

sec-Butylbenzene

Concen: 53.622 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

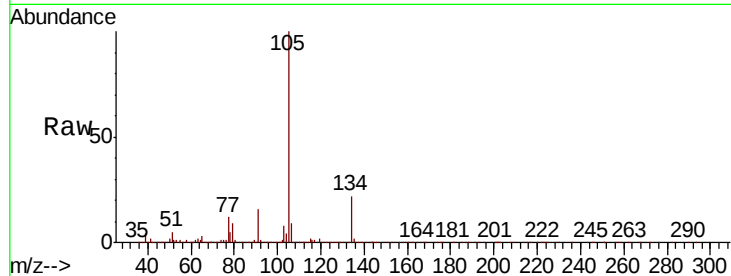
ClientSampleId :

Tot Ion:105 Resp: 1101168

Ion Ratio Lower Upper

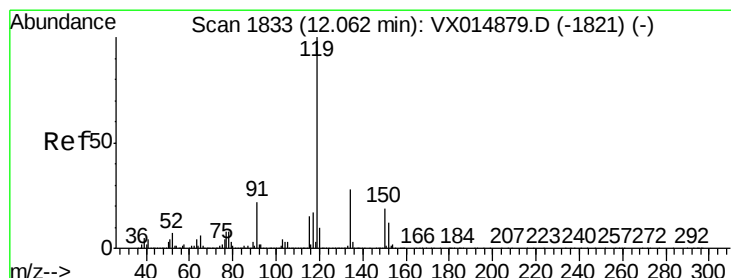
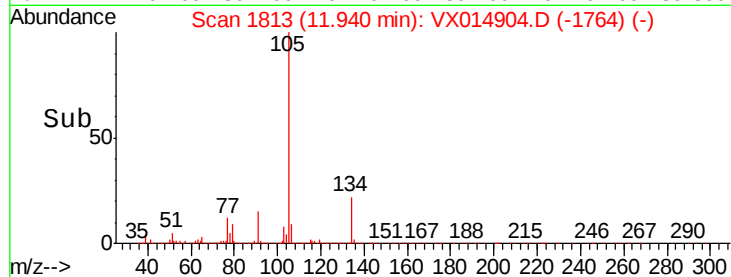
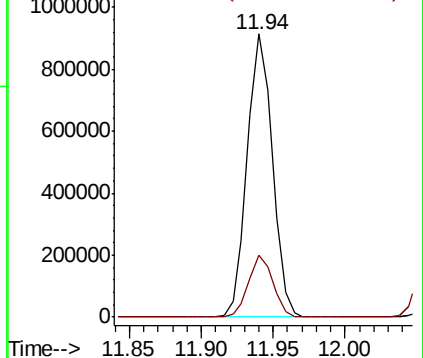
105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.447 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

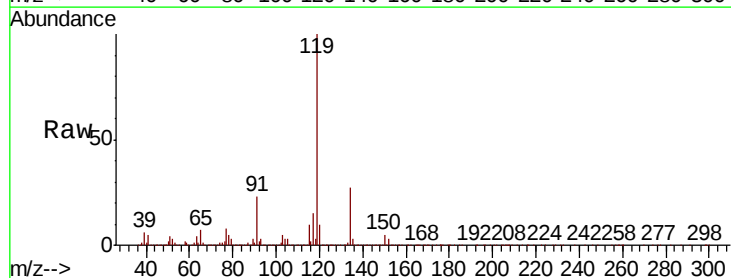
Tgt Ion:119 Resp: 1027104

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

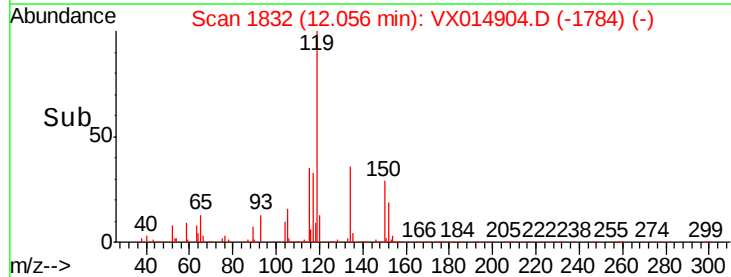
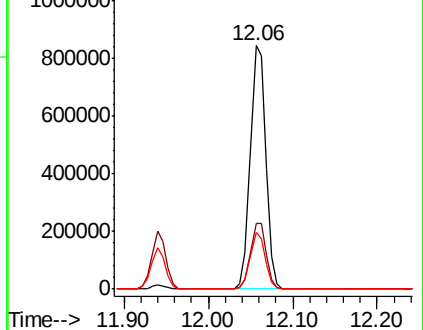
91 22.6 11.4 34.1

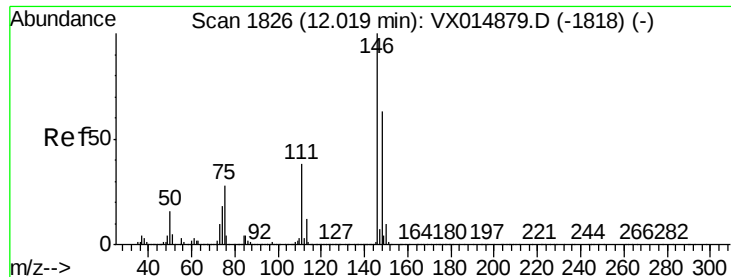


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

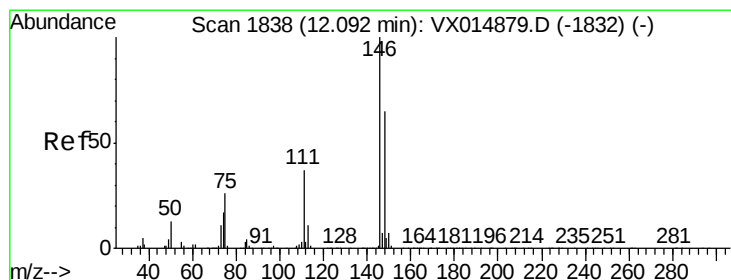
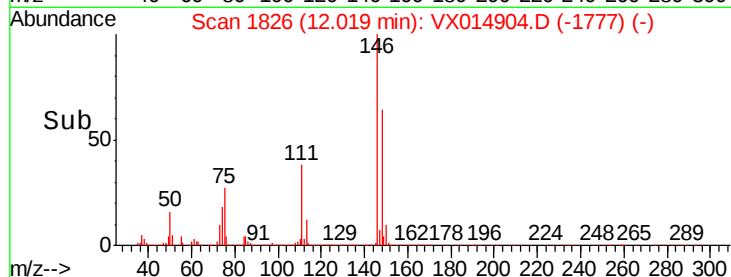
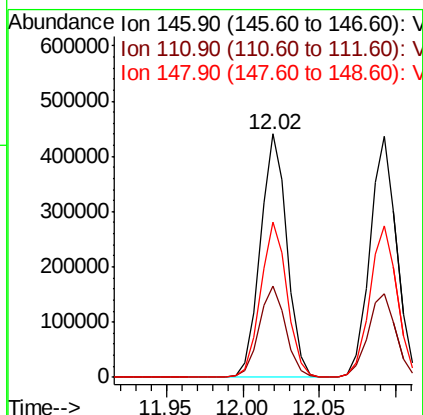
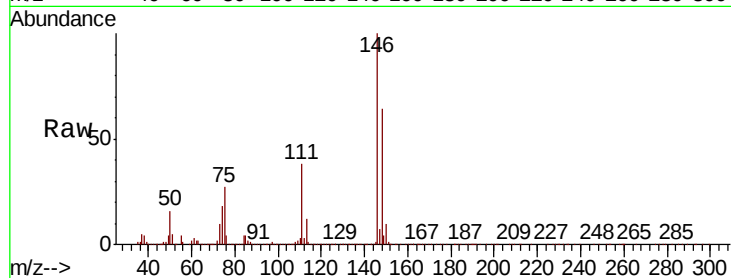




#87
 1,3-Dichlorobenzene
 Concen: 51.013 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

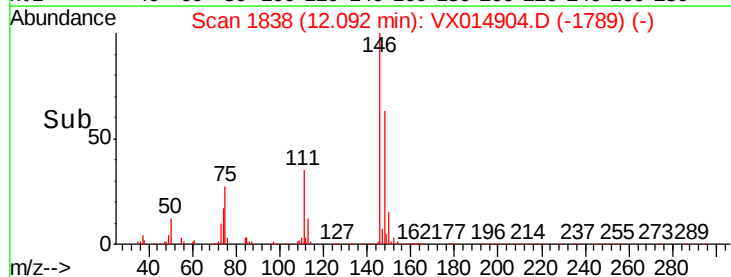
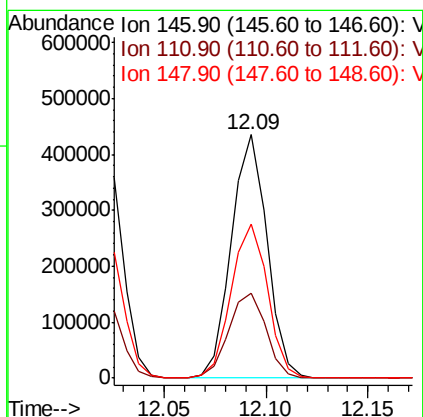
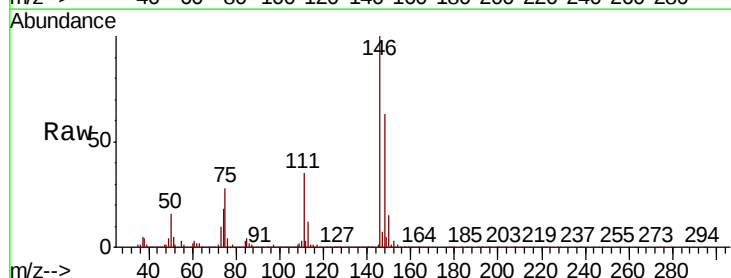
Instrument :
 MSVOA_X
 ClientSampleId :

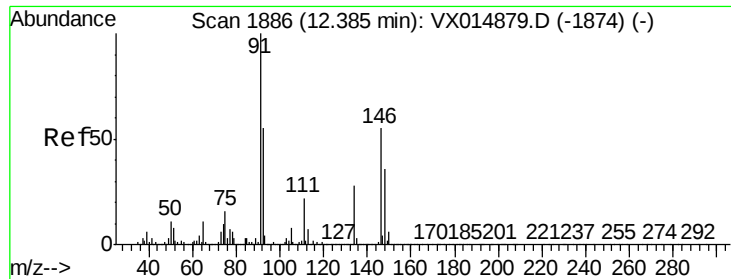
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	56.0
148	63.8	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.287 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.6
148	64.5	32.4	97.0





#89

n-Butylbenzene

Concen: 52.003 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampled :

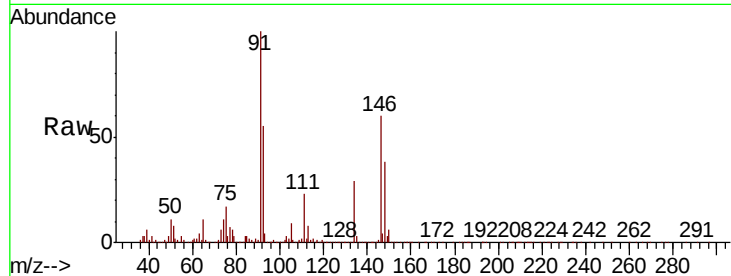
Tot Ion: 91 Resp: 895015

Ion Ratio Lower Upper

91 100

92 55.4 27.3 81.8

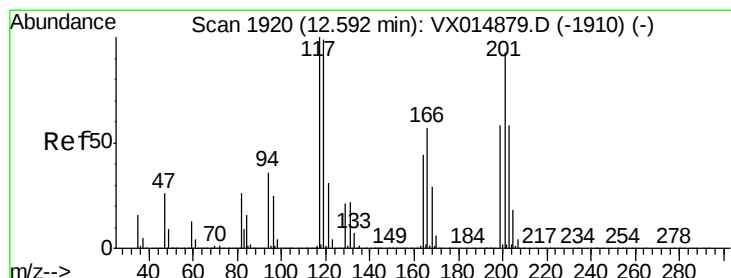
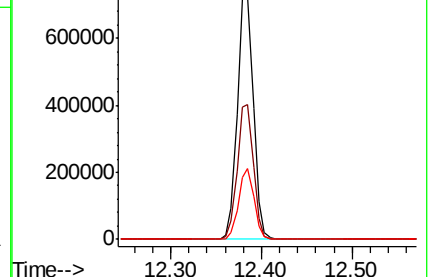
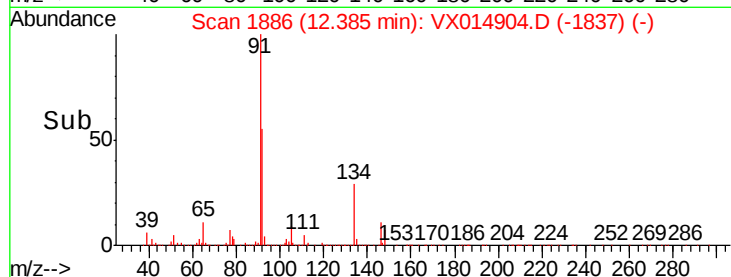
134 27.8 13.8 41.4



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

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

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



#90

Hexachloroethane

Concen: 53.783 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014904.D

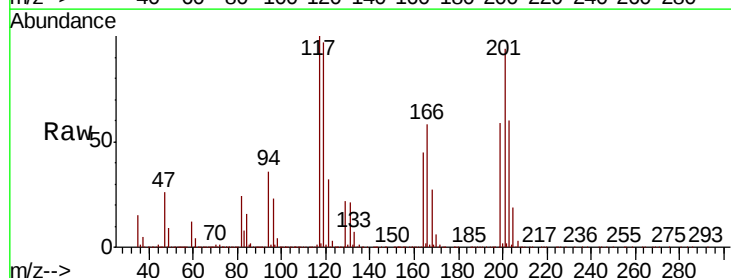
Acq: 11 Feb 2020 09:50

Tgt Ion: 117 Resp: 180496

Ion Ratio Lower Upper

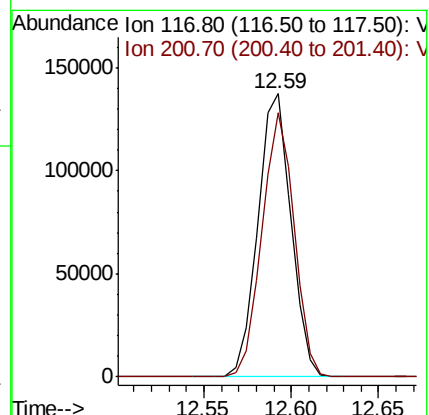
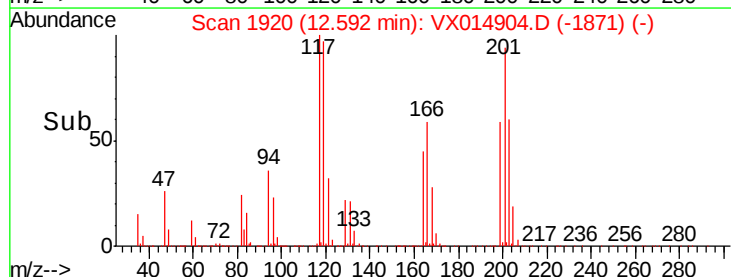
117 100

201 91.0 44.8 134.3



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

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





#91

1,2-Dichlorobenzene

Concen: 51.257 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

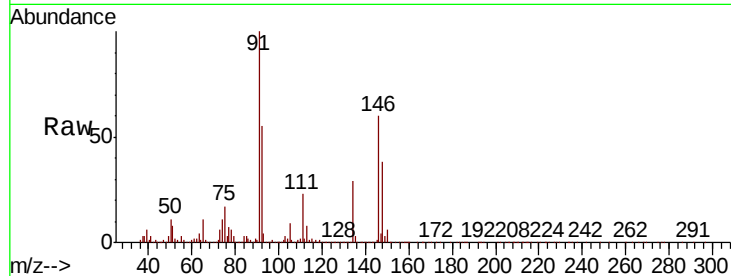
Tot Ion:146 Resp: 525837

Ion Ratio Lower Upper

146 100

111 38.7 19.8 59.3

148 64.3 32.4 97.2

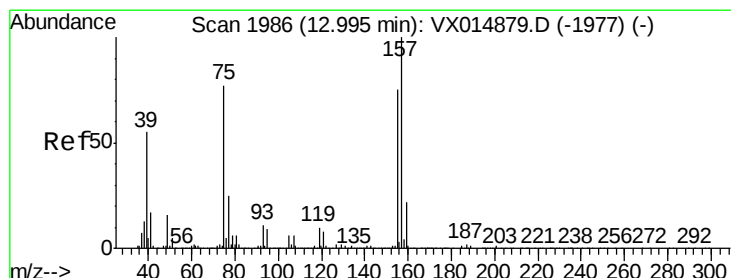
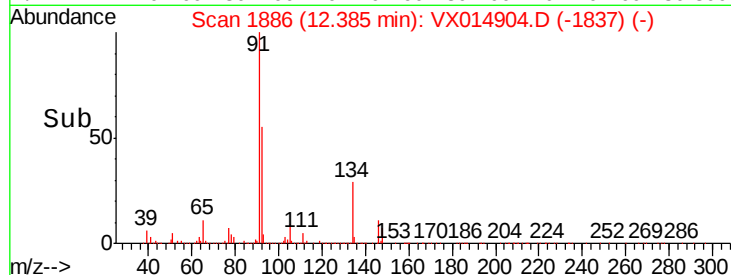
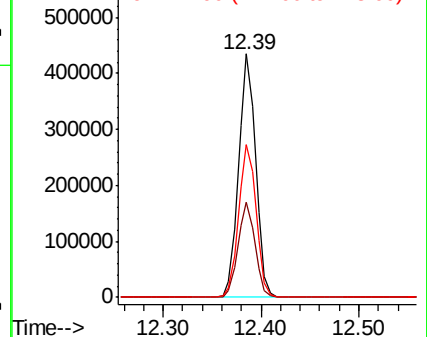


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.995 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

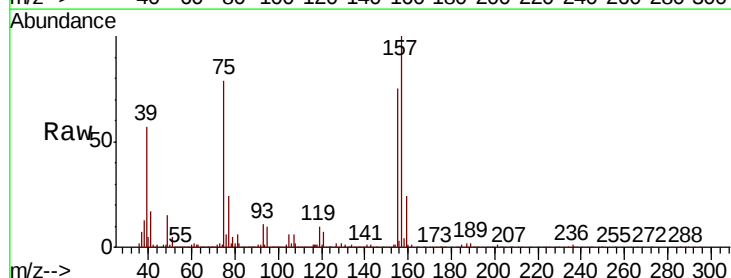
Tgt Ion: 75 Resp: 76899

Ion Ratio Lower Upper

75 100

155 96.6 48.6 145.9

157 123.6 62.0 186.0

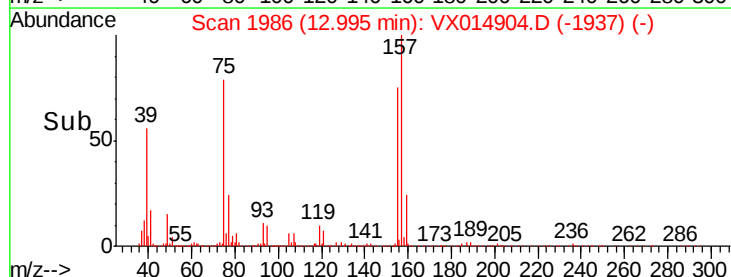
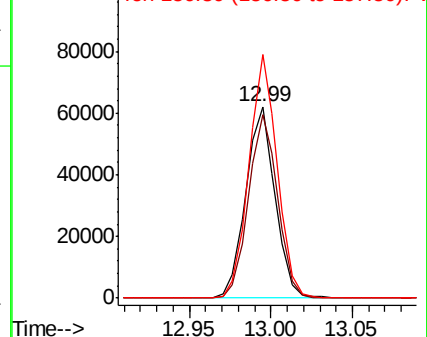


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

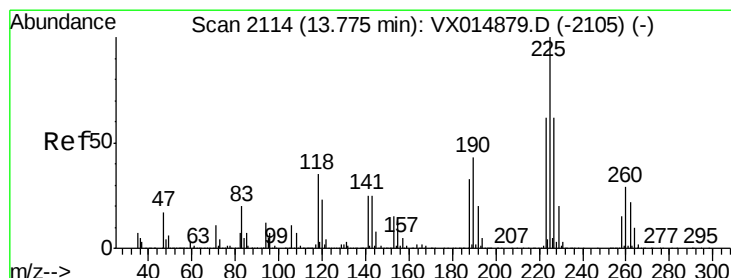
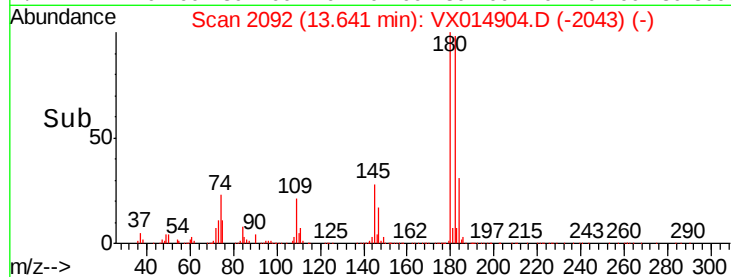
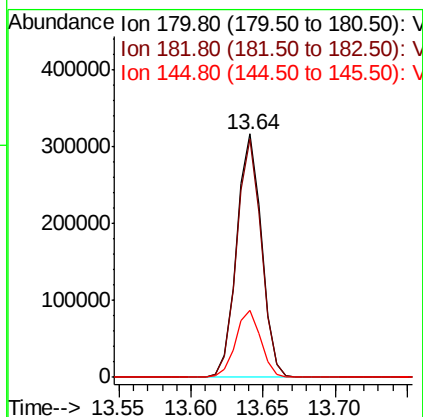
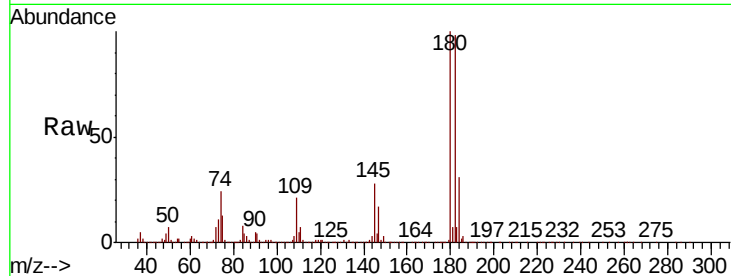




#93
 1,2,4-Trichlorobenzene
 Concen: 50.520 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

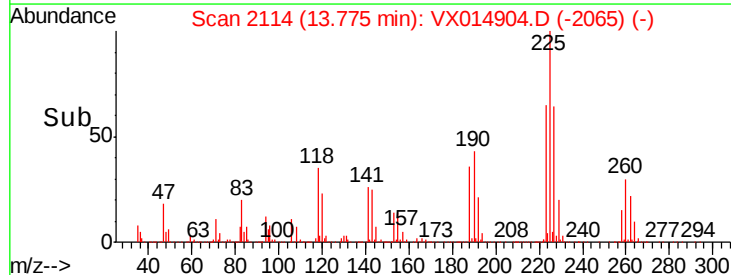
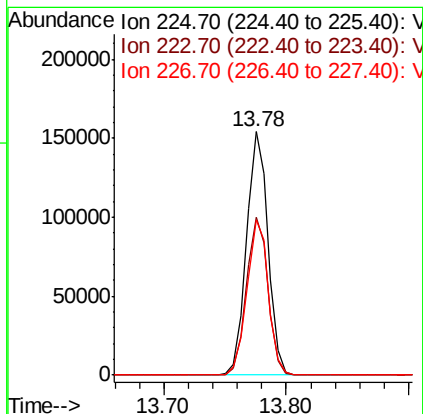
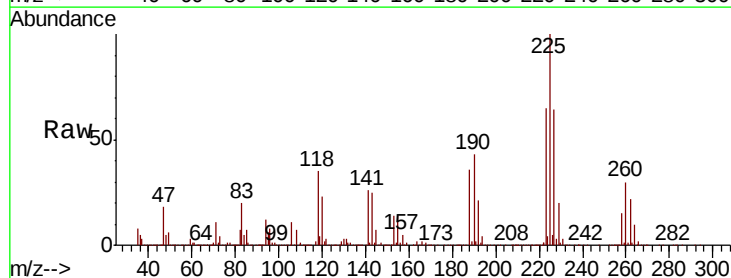
Instrument :
 MSVOA_X
 ClientSampleId :

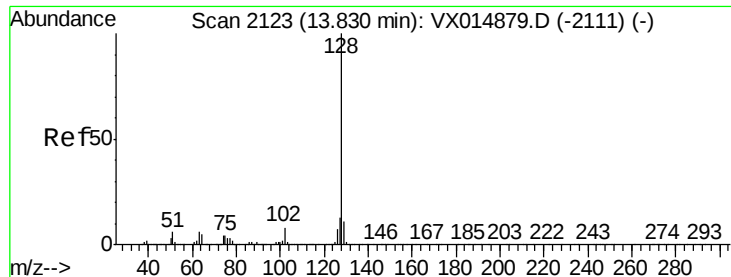
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.4	145.3
145	27.7	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 51.141 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014904.D
 Acq: 11 Feb 2020 09:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.1	93.2
227	63.7	30.9	92.5





#95

Naphthalene

Concen: 54.103 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

Instrument :

MSVOA_X

ClientSampled :

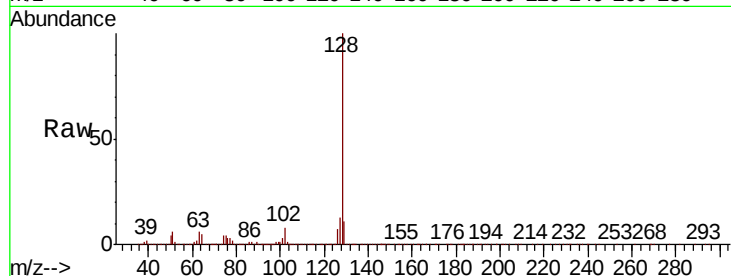
Tot Ion:128 Resp: 1089271

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.8 8.6 13.0

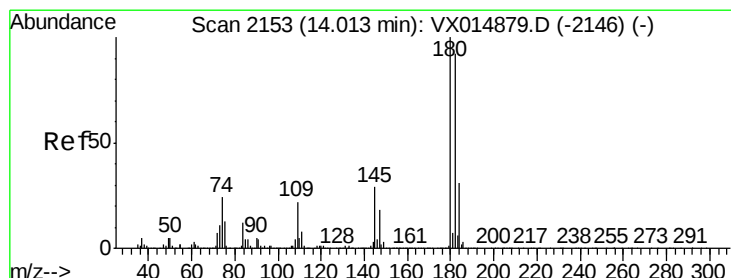
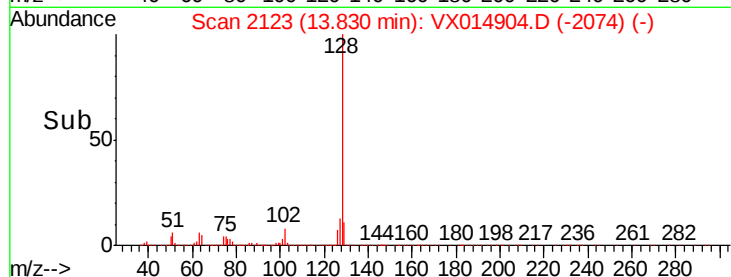
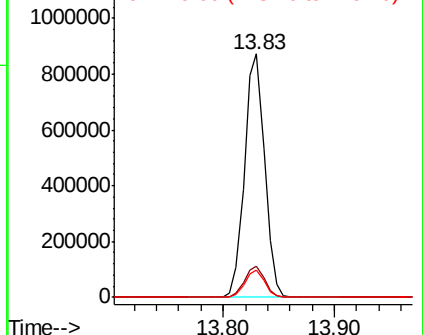


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.759 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX014904.D

Acq: 11 Feb 2020 09:50

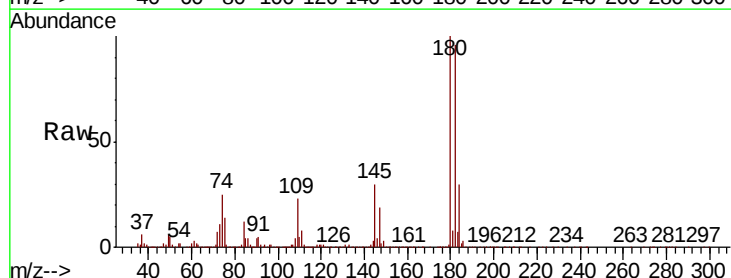
Tgt Ion:180 Resp: 378654

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.6

145 29.5 14.5 43.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

