

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021220\
 Data File : VX014935.D
 Acq On : 12 Feb 2020 18:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 03:39:38 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	457160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	687515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	652895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	352911	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	253165	49.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.14%	
35) Dibromofluoromethane	5.49	113	212990	50.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.78%	
50) Toluene-d8	8.71	98	813976	50.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.13	95	305612	52.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	218910	50.564	ug/l	100
3) Chloromethane	1.32	50	252159	51.373	ug/l	99
4) Vinyl Chloride	1.40	62	268498	50.779	ug/l	98
5) Bromomethane	1.63	94	165309	48.299	ug/l	97
6) Chloroethane	1.72	64	168717	49.868	ug/l	98
7) Trichlorofluoromethane	1.92	101	363407	49.191	ug/l	98
8) Diethyl Ether	2.18	74	155414	50.730	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	205883	48.011	ug/l	100
10) Methyl Iodide	2.50	142	269429	55.803	ug/l	99
11) Tert butyl alcohol	3.03	59	272261	298.871	ug/l	100
12) 1,1-Dichloroethene	2.37	96	210060	50.130	ug/l	96
13) Acrolein	2.28	56	147102	211.870	ug/l	98
14) Allyl chloride	2.72	41	370588	49.882	ug/l	98
15) Acrylonitrile	3.13	53	600657	260.096	ug/l	99
16) Acetone	2.43	43	600150	215.015	ug/l	98
17) Carbon Disulfide	2.56	76	564525	48.218	ug/l	99
18) Methyl Acetate	2.76	43	272723	52.484	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	705586	51.739	ug/l	100
20) Methylene Chloride	2.85	84	234743	47.297	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	227941	49.299	ug/l	98
22) Diisopropyl ether	3.84	45	733484	51.693	ug/l	94
23) Vinyl Acetate	3.80	43	3224196	275.643	ug/l	100
24) 1,1-Dichloroethane	3.69	63	403421	50.376	ug/l	99
25) 2-Butanone	4.65	43	877551	249.835	ug/l	99
26) 2,2-Dichloropropane	4.58	77	332079	48.118	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	259657	50.238	ug/l	99
28) Bromochloromethane	5.01	49	162024	52.198	ug/l	99
29) Tetrahydrofuran	5.11	42	544631	272.759	ug/l	100
30) Chloroform	5.20	83	402648	50.677	ug/l	100
31) Cyclohexane	5.58	56	363166	49.790	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	346107	49.798	ug/l	99
36) 1,1-Dichloropropene	5.79	75	310001	50.406	ug/l	99
37) Ethyl Acetate	4.82	43	336271	52.424	ug/l	100
38) Carbon Tetrachloride	5.78	117	298911	49.873	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	383207	49.822	ug/l	98
40) Benzene	6.14	78	925721	50.379	ug/l	100
41) Methacrylonitrile	5.03	41	184801	53.480	ug/l	99
42) 1,2-Dichloroethane	6.18	62	326315	49.134	ug/l	99
43) Isopropyl Acetate	6.43	43	558625	52.794	ug/l	100
44) Trichloroethene	7.21	130	262054	49.126	ug/l	98
45) 1,2-Dichloropropane	7.51	63	236344	50.433	ug/l	97
46) Dibromomethane	7.65	93	159245	49.713	ug/l	99
47) Bromodichloromethane	7.89	83	315604	49.690	ug/l	99
48) Methyl methacrylate	7.76	41	278862	53.551	ug/l	100
49) 1,4-Dioxane	7.73	88	122136	1254.442	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1705780	266.976	ug/l	100
52) Toluene	8.78	92	591968	50.722	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	361317	51.907	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	390399	50.769	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	236174	50.018	ug/l	99
56) Ethyl methacrylate	9.17	69	384781	54.215	ug/l	99
57) 1,3-Dichloropropane	9.37	76	399654	50.281	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	975138	262.717	ug/l	100
59) 2-Hexanone	9.48	43	1331886	265.208	ug/l	99
60) Dibromochloromethane	9.57	129	257443	50.664	ug/l	98
61) 1,2-Dibromoethane	9.67	107	256121	50.272	ug/l	99
64) Tetrachloroethene	9.33	164	254256	41.652	ug/l	99
65) Chlorobenzene	10.14	112	649729	49.064	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	239501	49.817	ug/l	99
67) Ethyl Benzene	10.25	91	1143989	50.796	ug/l	98
68) m/p-Xylenes	10.35	106	878334	101.238	ug/l	97
69) o-Xylene	10.70	106	416154	49.899	ug/l	99
70) Styrene	10.71	104	742469	52.624	ug/l	99
71) Bromoform	10.85	173	203981	50.831	ug/l	99
73) Isopropylbenzene	11.01	105	1107773	50.054	ug/l	99
74) N-amyl acetate	10.89	43	523094	56.885	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	360941	49.891	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	426541	66.837	ug/l	92
77) Bromobenzene	11.25	156	302247	48.930	ug/l	98
78) n-propylbenzene	11.35	91	1288479	50.337	ug/l	100
79) 2-Chlorotoluene	11.42	91	740281	49.193	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	934863	50.555	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	125673	50.407	ug/l	99
82) 4-Chlorotoluene	11.51	91	881149	49.445	ug/l	100
83) tert-Butylbenzene	11.76	119	932838	53.271	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	950019	50.978	ug/l	99
85) sec-Butylbenzene	11.94	105	1087293	49.982	ug/l	100
86) p-Isopropyltoluene	12.06	119	1016933	49.955	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	547421	49.399	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	545493	48.204	ug/l	99
89) n-Butylbenzene	12.38	91	929715	50.994	ug/l	99
90) Hexachloroethane	12.59	117	177051	49.803	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	526381	48.437	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	82039	48.336	ug/l	97

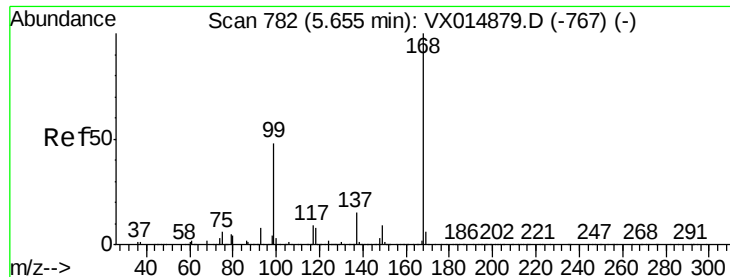
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	411773	51.335	ug/l	97
94) Hexachlorobutadiene	13.77	225	178978	46.131	ug/l	99
95) Naphthalene	13.83	128	1186475	55.632	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	394455	50.900	ug/l	99

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

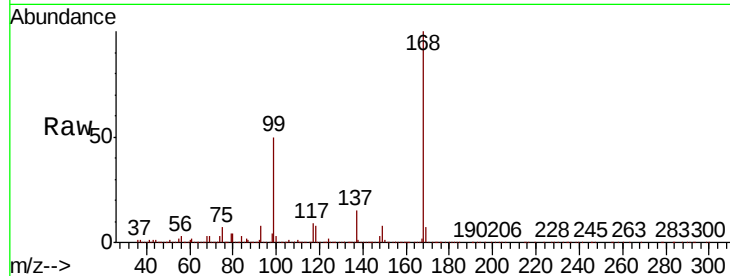


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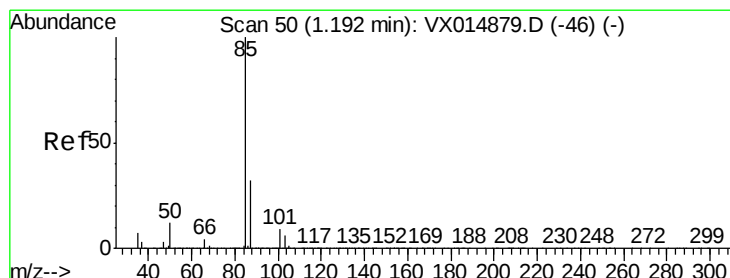
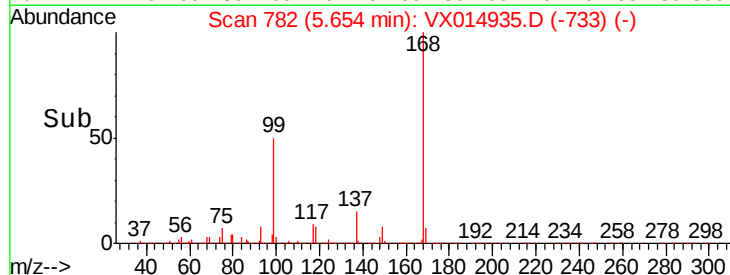
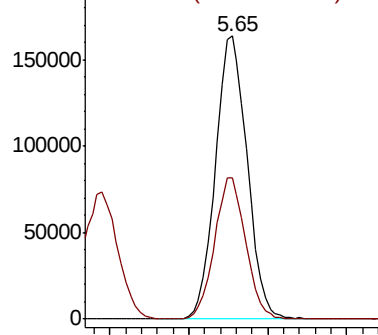
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: VX014935.D
 Acq: 12 Feb 2020 18:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:168 Resp: 457160
 Ion Ratio Lower Upper
 168 100
 99 49.6 38.7 58.1



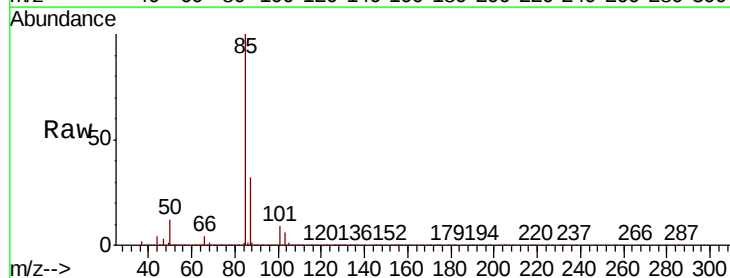
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



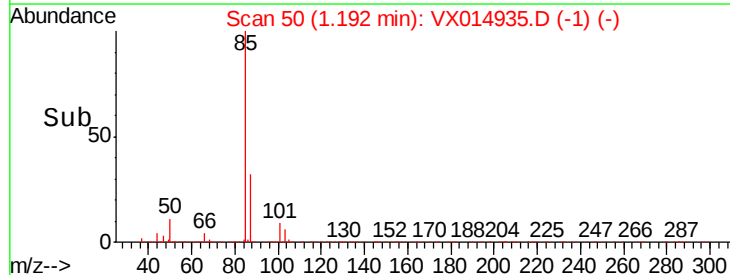
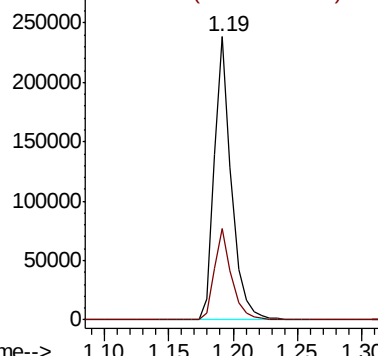
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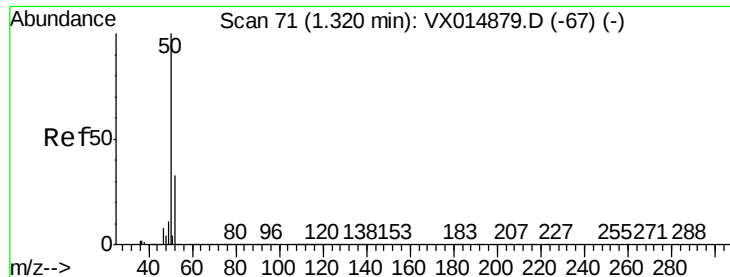
Dichlorodifluoromethane
 Concen: 50.564 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX014935.D
 Acq: 12 Feb 2020 18:47

Tgt Ion: 85 Resp: 218910
 Ion Ratio Lower Upper
 85 100
 87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0

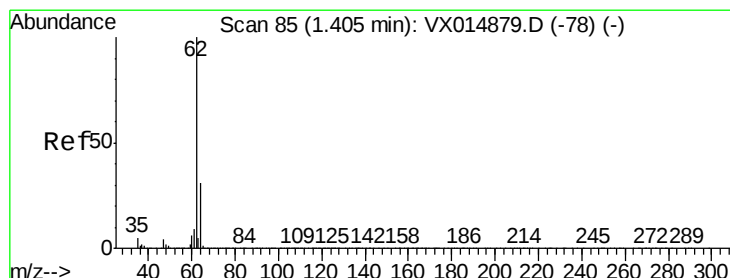
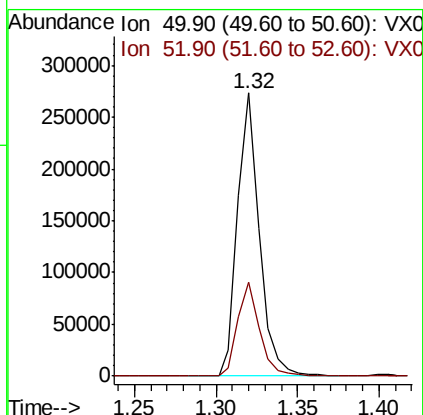
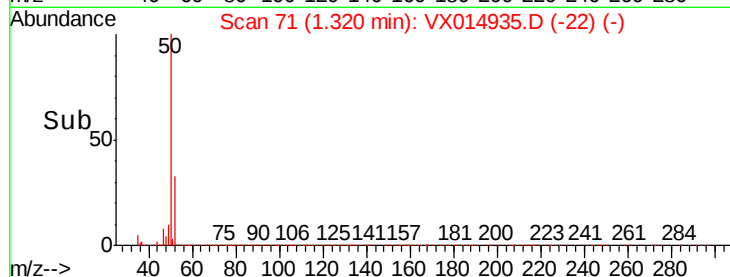
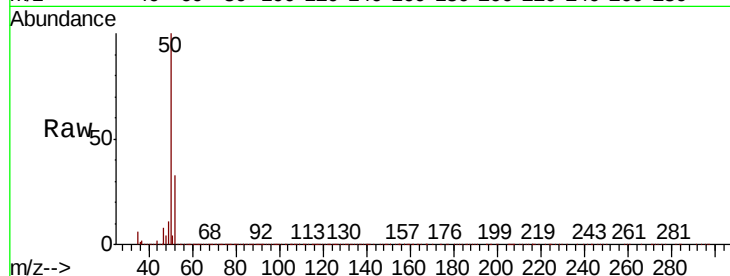




#3
Chloromethane
Concen: 51.373 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

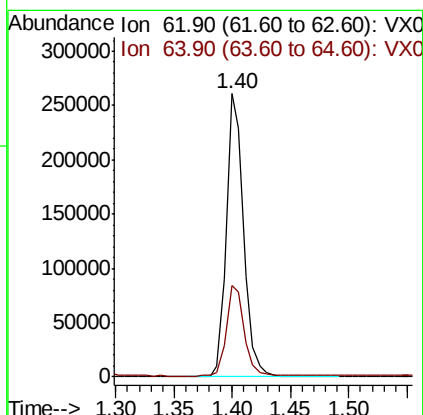
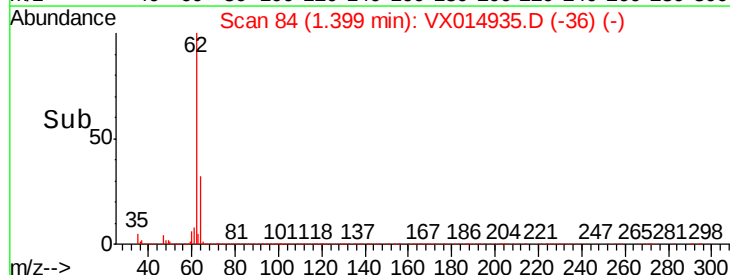
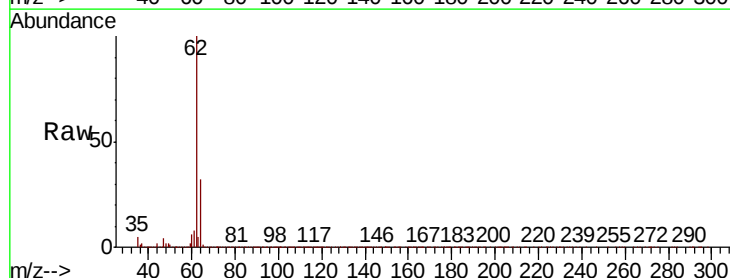
Instrument :
MSVOA_X
ClientSampleId :

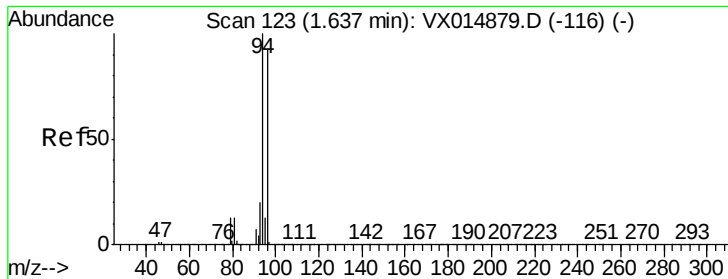
Tot Ion: 50 Resp: 252159
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2



#4
Vinyl Chloride
Concen: 50.779 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion: 62 Resp: 268498
Ion Ratio Lower Upper
62 100
64 32.0 24.8 37.2





#5

Bromomethane

Concen: 48.299 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

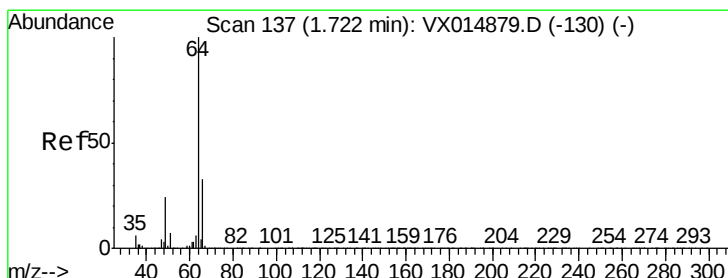
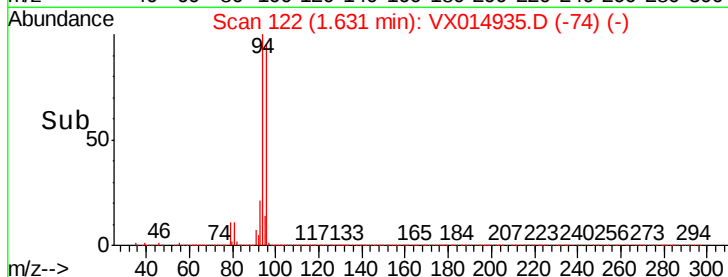
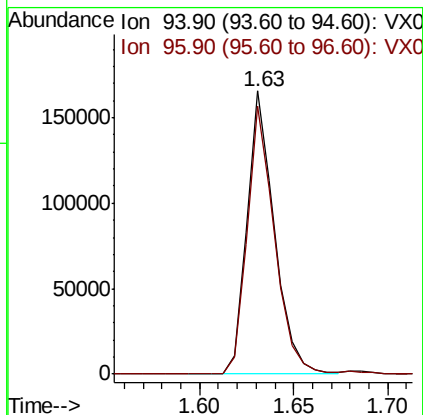
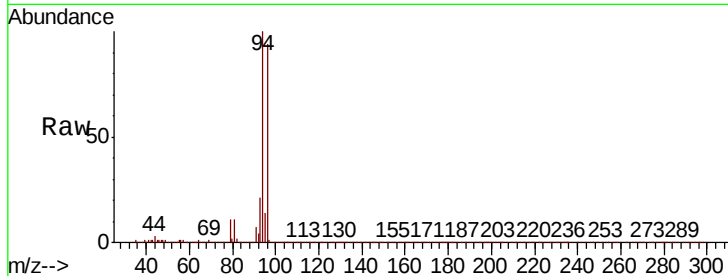
ClientSampleId :

Tot Ion: 94 Resp: 165309

Ion Ratio Lower Upper

94 100

96 94.5 73.7 110.5



#6

Chloroethane

Concen: 49.868 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014935.D

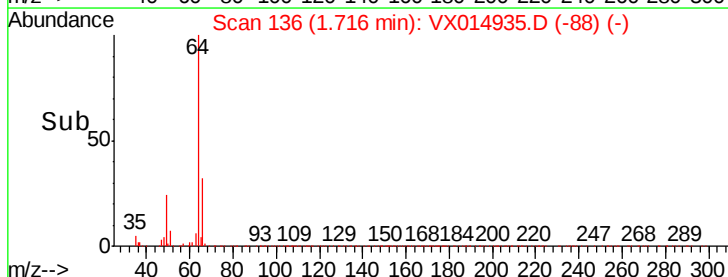
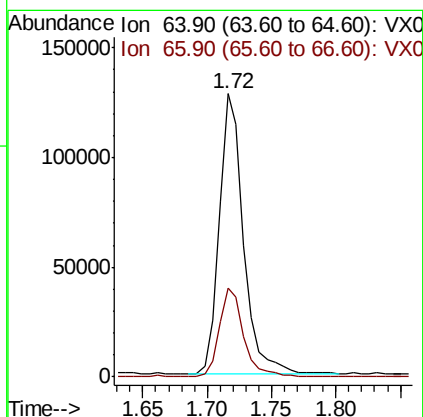
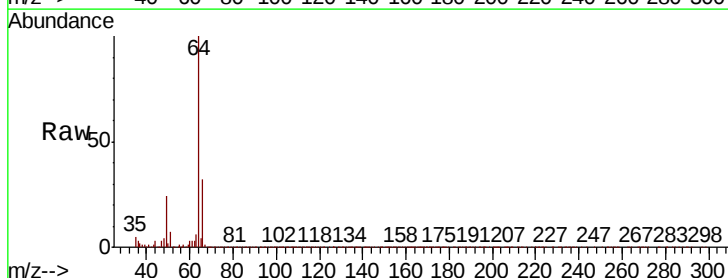
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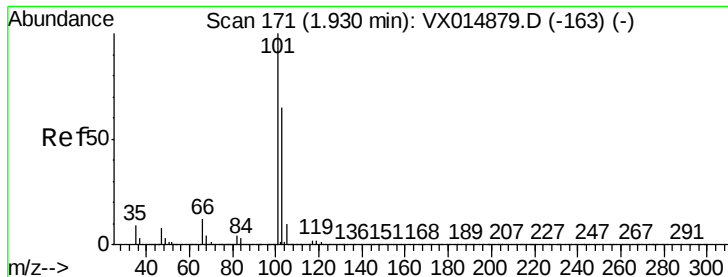
Tgt Ion: 64 Resp: 168717

Ion Ratio Lower Upper

64 100

66 31.7 26.2 39.4



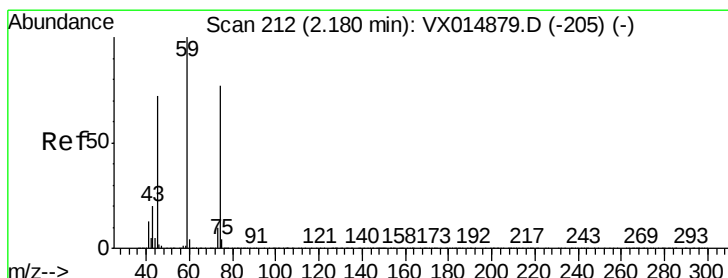
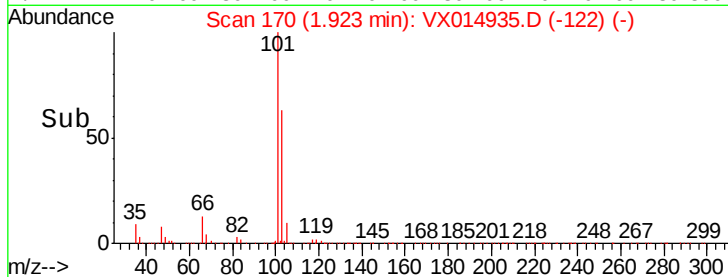
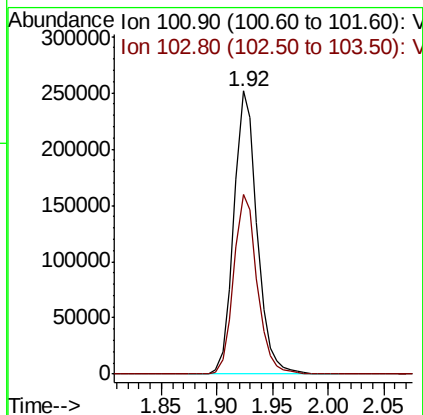
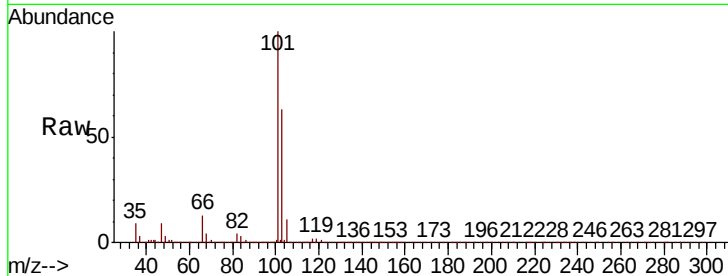


#7

Trichlorofluoromethane
Concen: 49.191 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Instrument :
MSVOA_X
ClientSampleId :

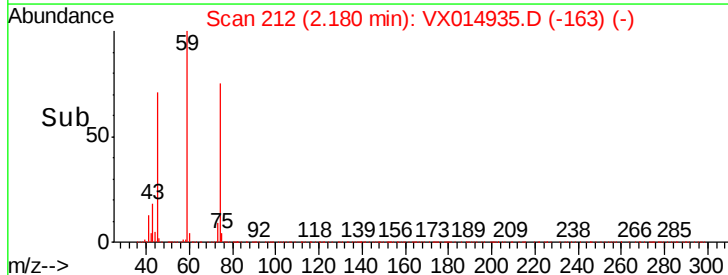
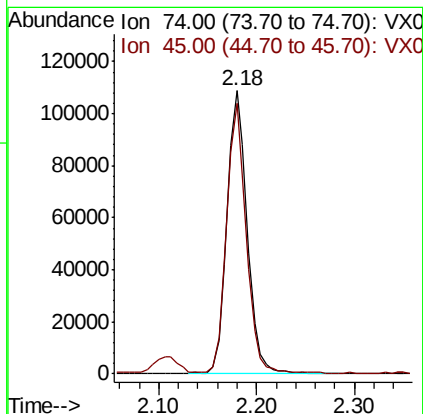
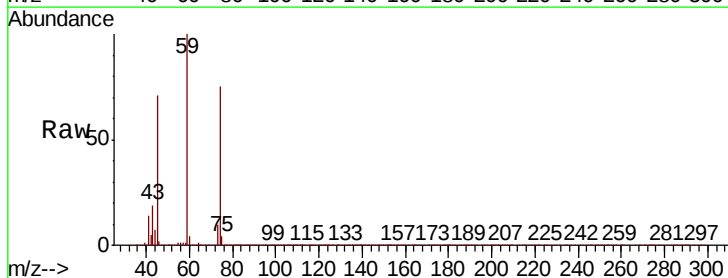
Tot Ion:101 Resp: 363407
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.4

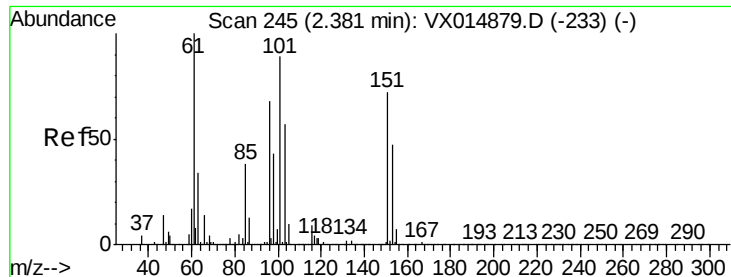


#8

Diethyl Ether
Concen: 50.730 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion: 74 Resp: 155414
Ion Ratio Lower Upper
74 100
45 92.9 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.011 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

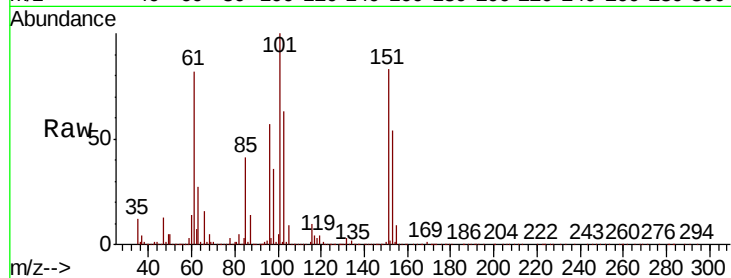
Tot Ion:101 Resp: 205883

Ion Ratio Lower Upper

101 100

85 42.9 34.1 51.1

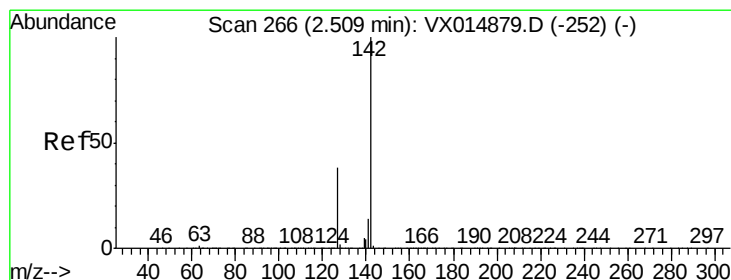
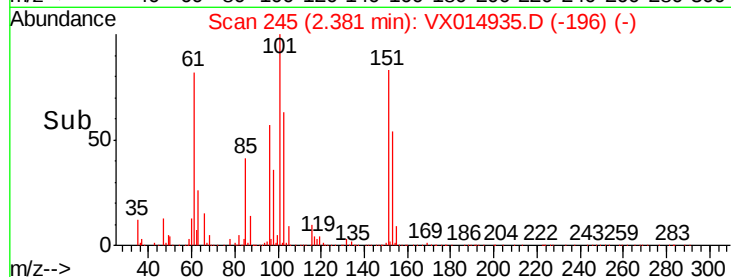
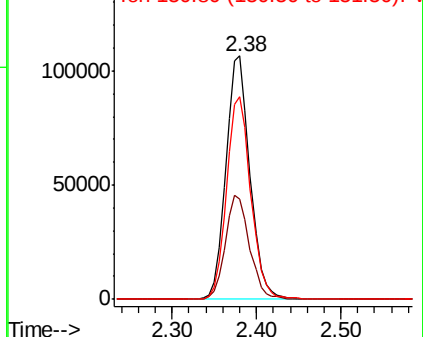
151 84.2 67.3 100.9



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: 55.803 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

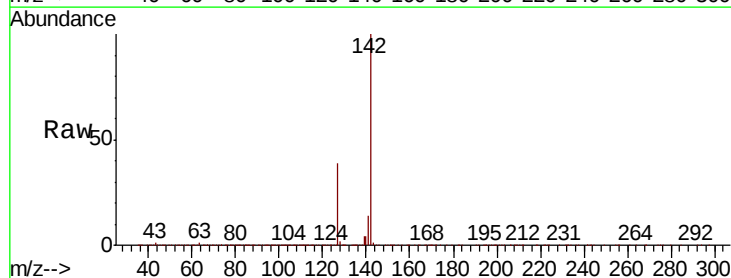
Tgt Ion:142 Resp: 269429

Ion Ratio Lower Upper

142 100

127 38.5 31.1 46.7

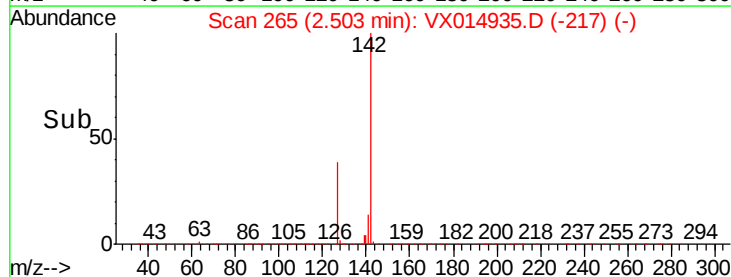
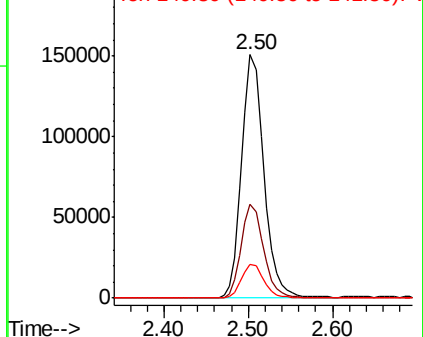
141 14.2 11.3 16.9

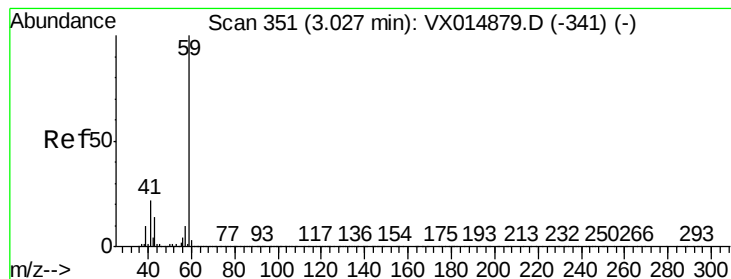


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



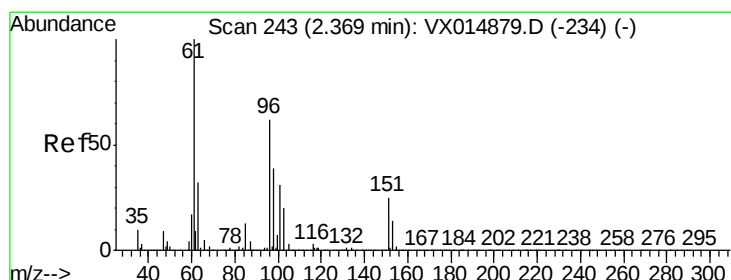
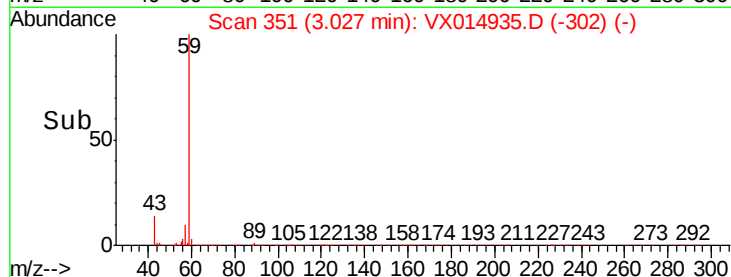
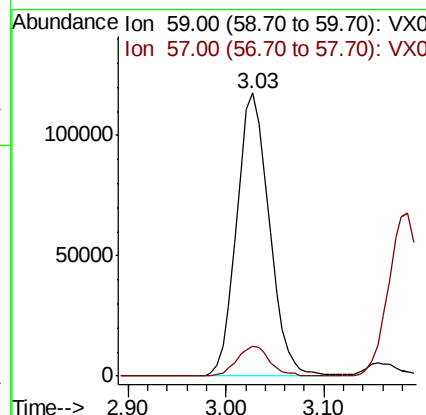
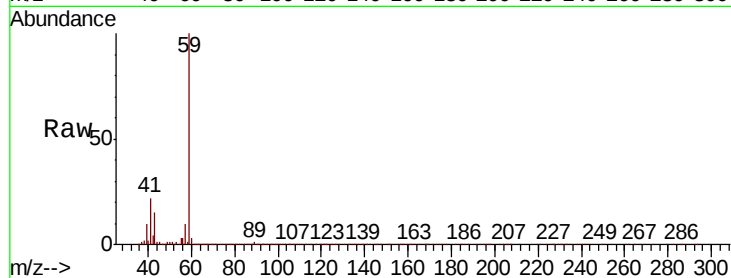


#11

Tert butyl alcohol
Concen: 298.871 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Instrument :
MSVOA_X
ClientSampleId :

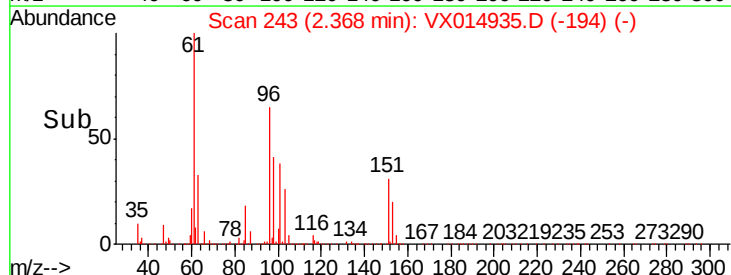
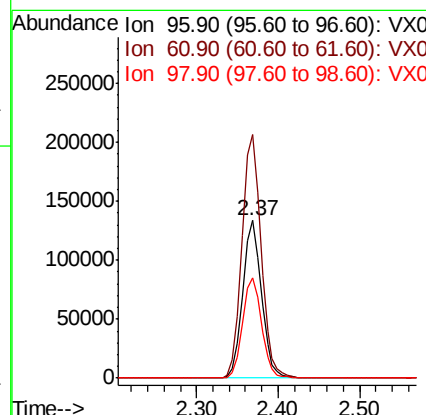
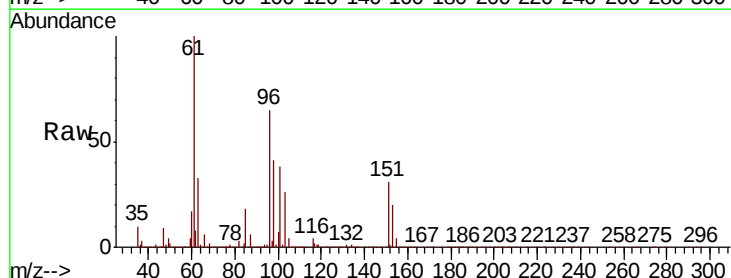
Tot Ion: 59 Resp: 272261
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

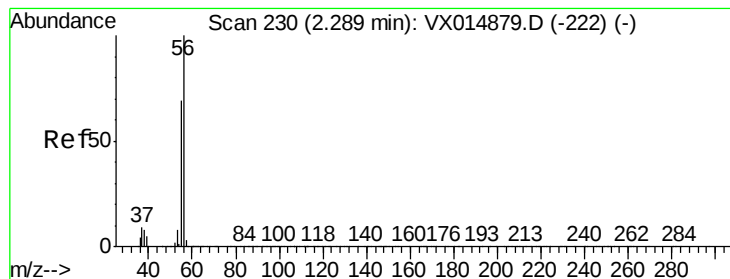


#12

1,1-Dichloroethene
Concen: 50.130 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion: 96 Resp: 210060
Ion Ratio Lower Upper
96 100
61 154.7 129.5 194.3
98 63.5 50.6 76.0





#13

Acrolein

Concen: 211.870 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

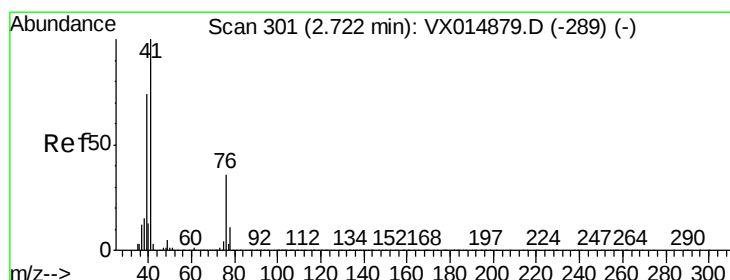
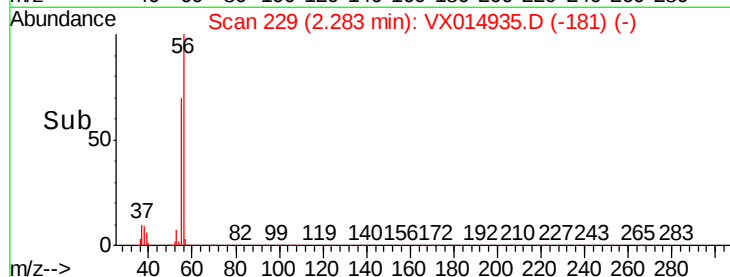
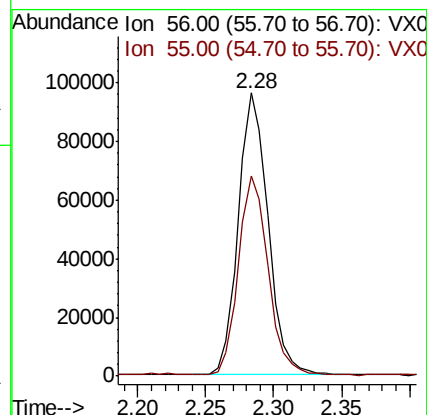
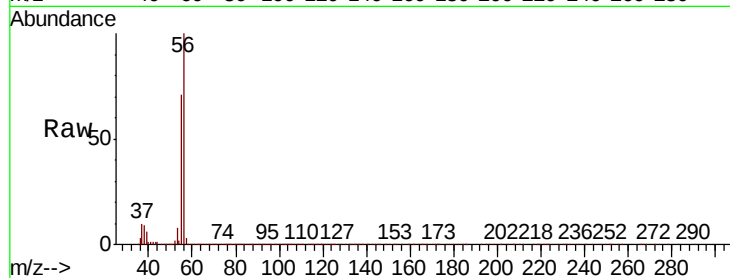
ClientSampled :

Tot Ion: 56 Resp: 147102

Ion Ratio Lower Upper

56 100

55 70.4 55.0 82.4



#14

Allyl chloride

Concen: 49.882 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

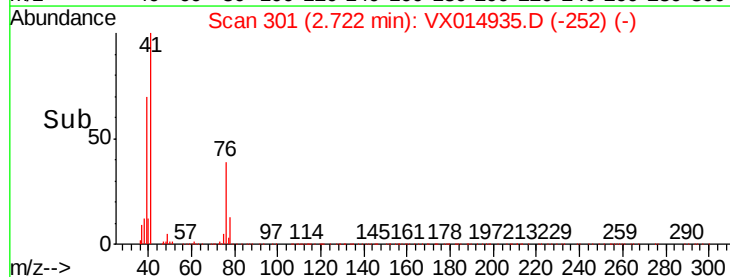
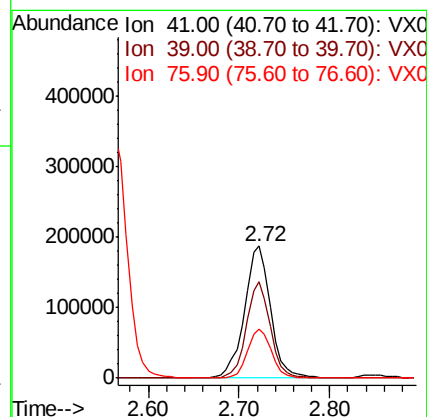
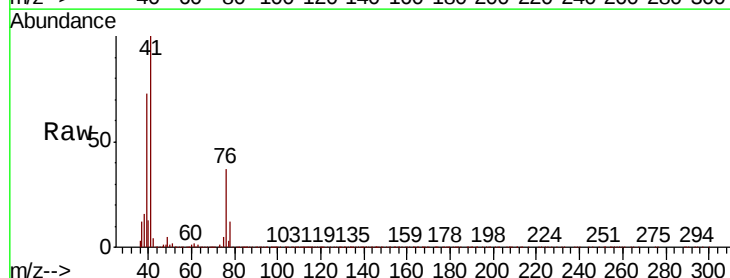
Tgt Ion: 41 Resp: 370588

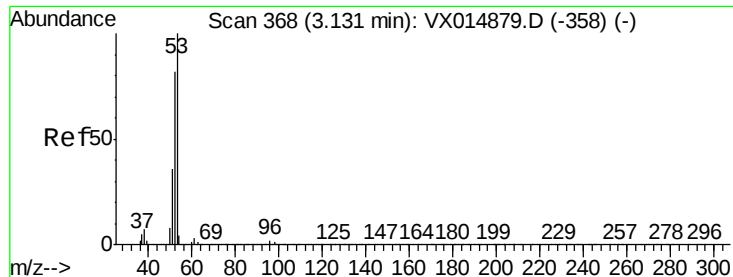
Ion Ratio Lower Upper

41 100

39 66.7 55.2 82.8

76 33.7 26.8 40.2





#15

Acrylonitrile

Concen: 260.096 ug/l

RT: 3.13 min Scan# 368

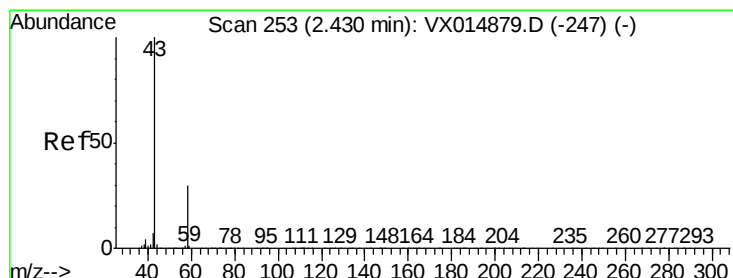
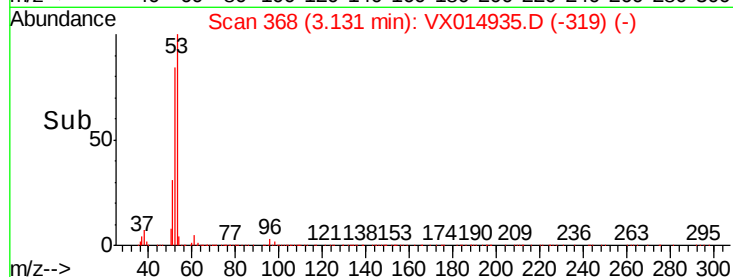
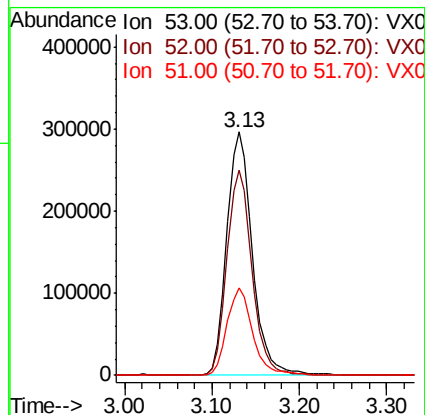
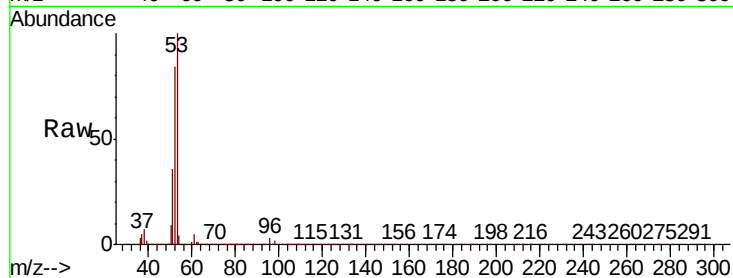
Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	600657
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.8	98.6
51	36.1	29.1	43.7



#16

Acetone

Concen: 215.015 ug/l

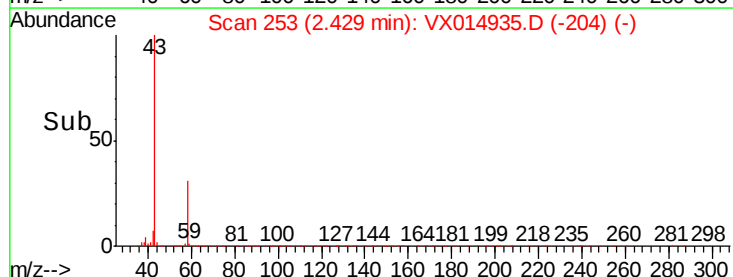
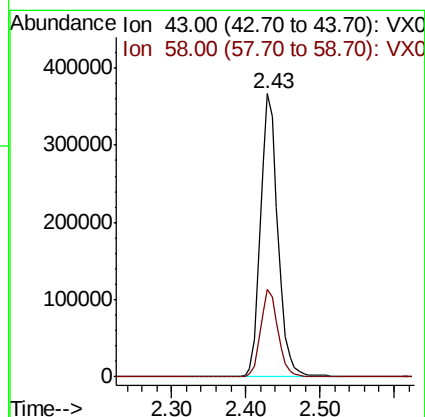
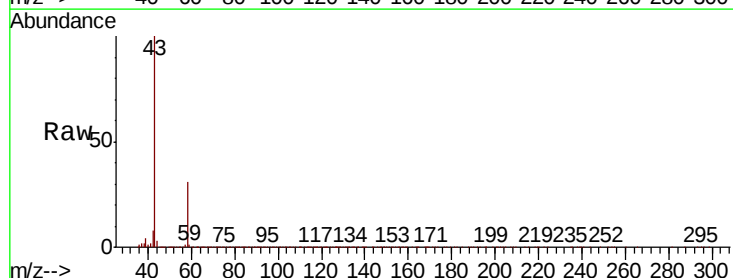
RT: 2.43 min Scan# 253

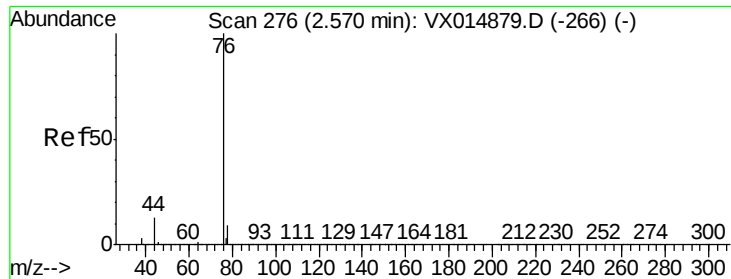
Delta R.T. 0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Tgt Ion:	43	Resp:	600150
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.1	36.1

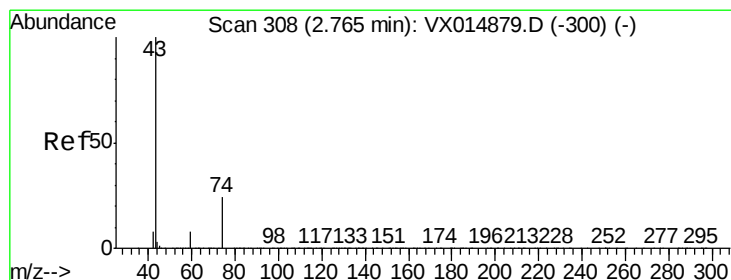
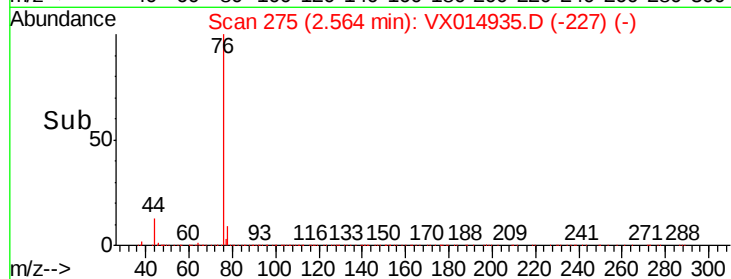
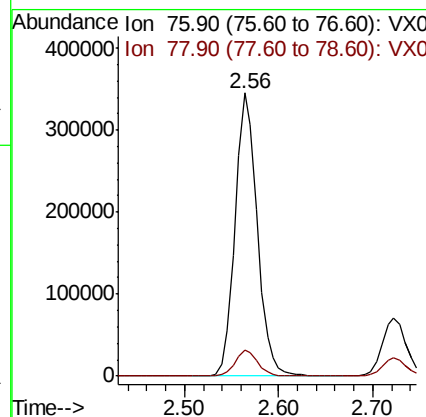
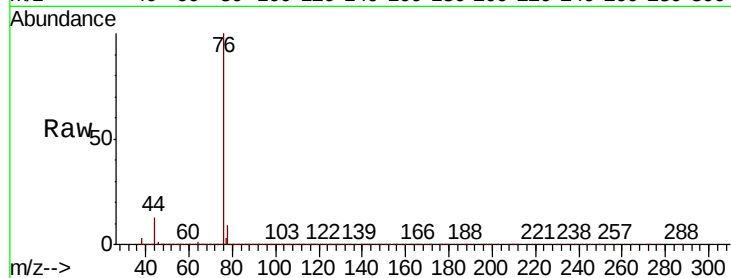




#17
Carbon Disulfide
Concen: 48.218 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

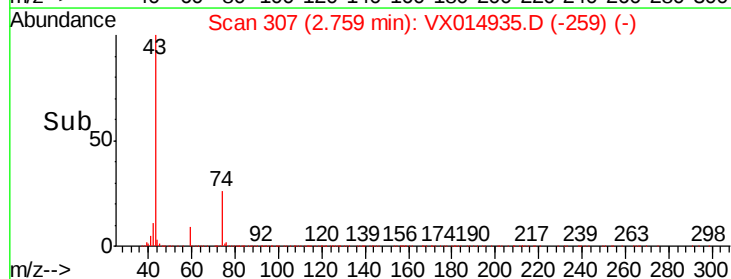
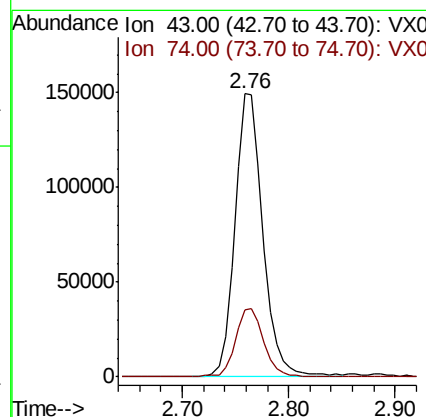
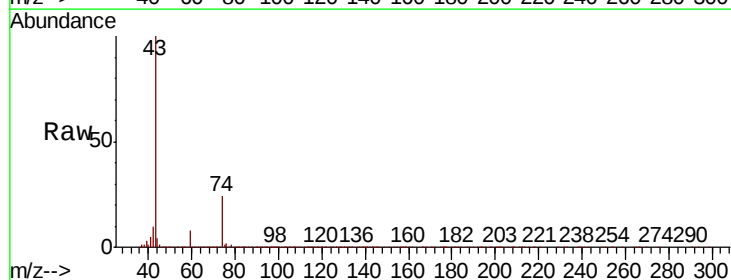
Instrument :
MSVOA_X
ClientSampleId :

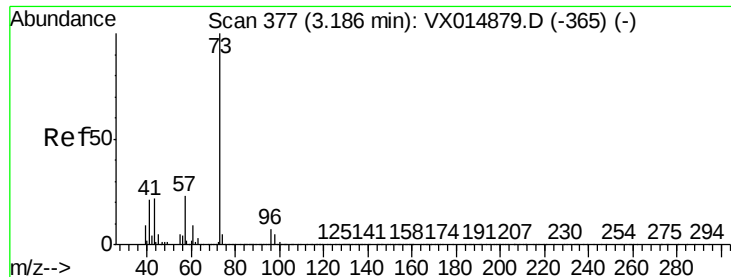
Tot Ion: 76 Resp: 564525
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 52.484 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion: 43 Resp: 272723
Ion Ratio Lower Upper
43 100
74 24.9 19.4 29.0



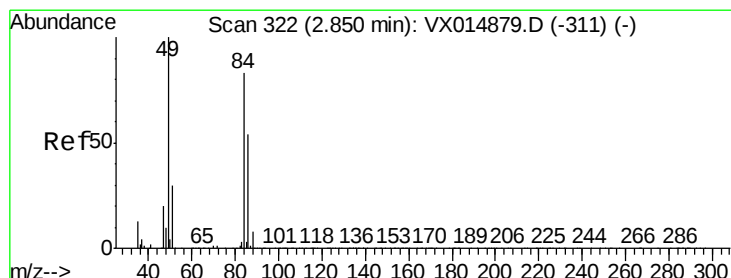
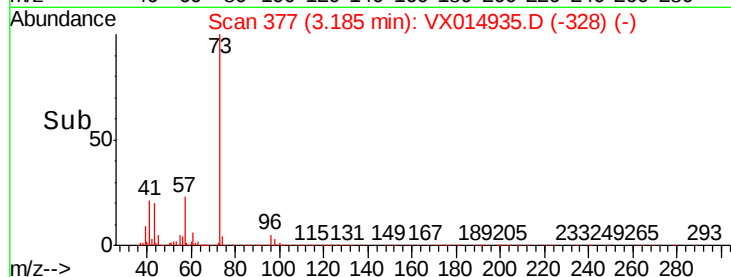
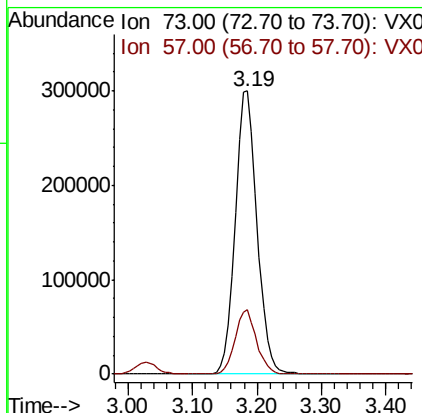
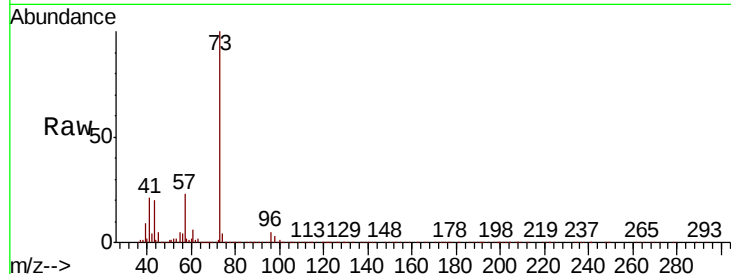


#19

Methyl tert-butyl Ether
 Concen: 51.739 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX014935.D
 Acq: 12 Feb 2020 18:47

Instrument :
 MSVOA_X
 ClientSampleId :

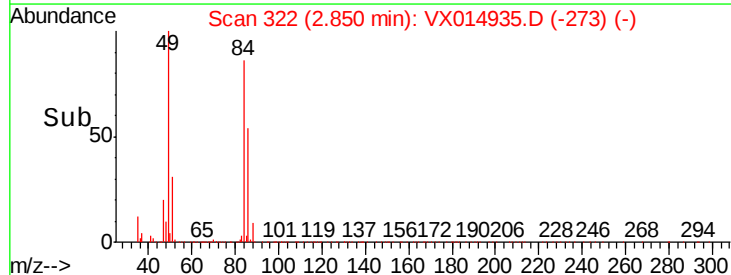
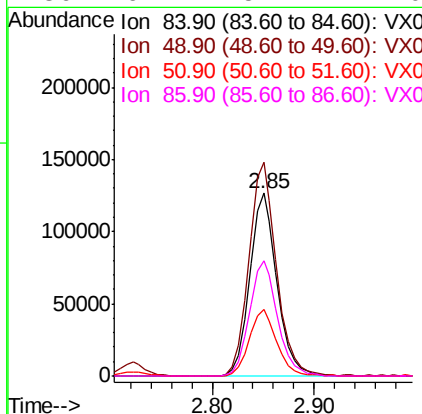
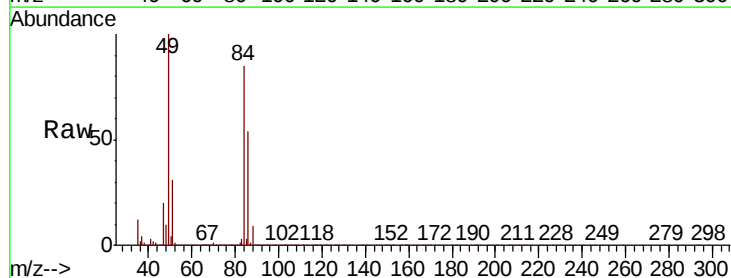
Tot Ion: 73 Resp: 705586
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.2 27.4

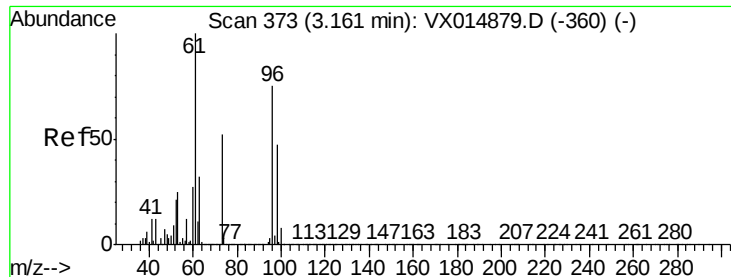


#20

Methylene Chloride
 Concen: 47.297 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX014935.D
 Acq: 12 Feb 2020 18:47

Tgt Ion: 84 Resp: 234743
 Ion Ratio Lower Upper
 84 100
 49 116.7 95.6 143.4
 51 36.4 29.0 43.6
 86 62.7 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 49.299 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

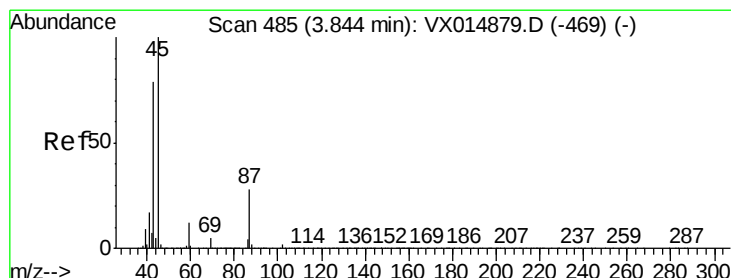
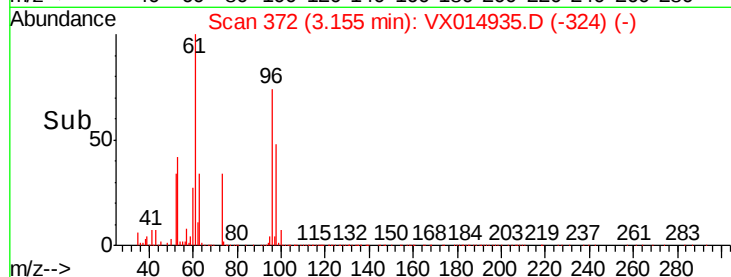
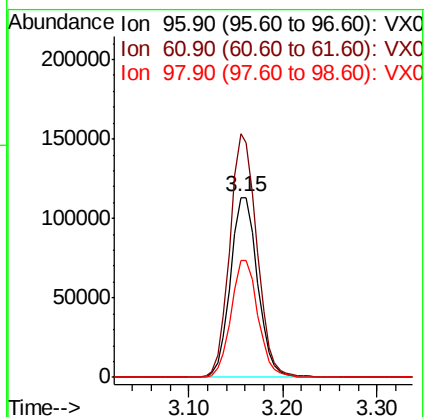
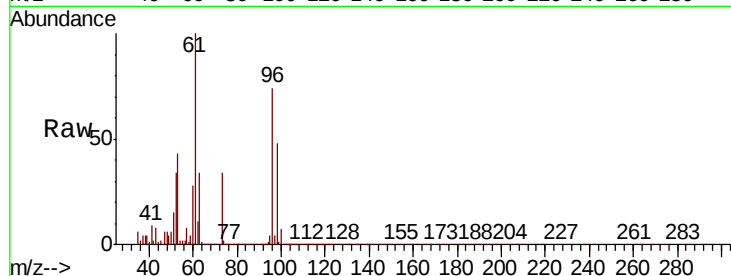
Tot Ion: 96 Resp: 227941

Ion Ratio Lower Upper

96 100

61 135.2 106.9 160.3

98 65.1 50.7 76.1



#22

Diisopropyl ether

Concen: 51.693 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Tgt Ion: 45 Resp: 733484

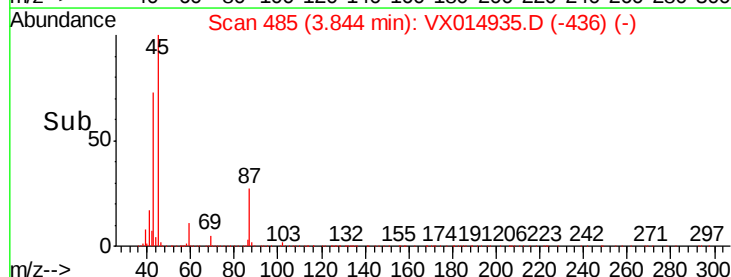
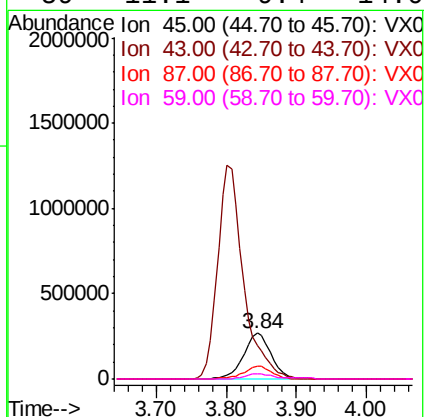
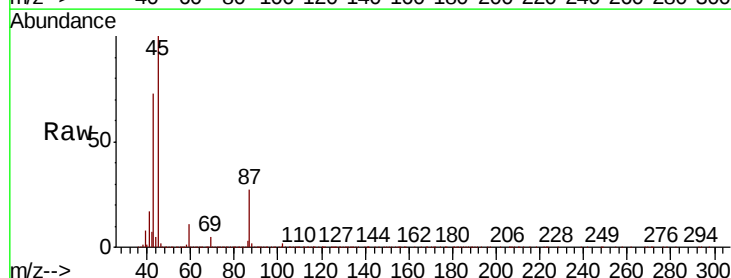
Ion Ratio Lower Upper

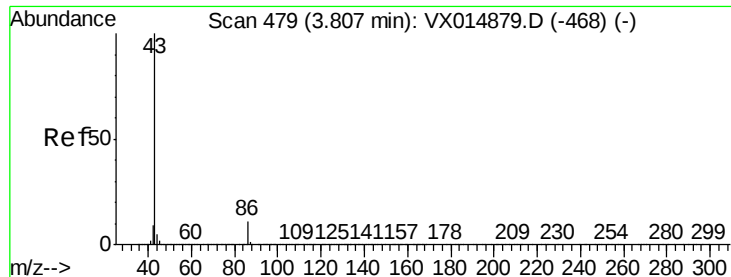
45 100

43 72.5 63.5 95.3

87 27.1 22.2 33.4

59 11.1 9.4 14.0





#23

Vinyl Acetate

Concen: 275.643 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

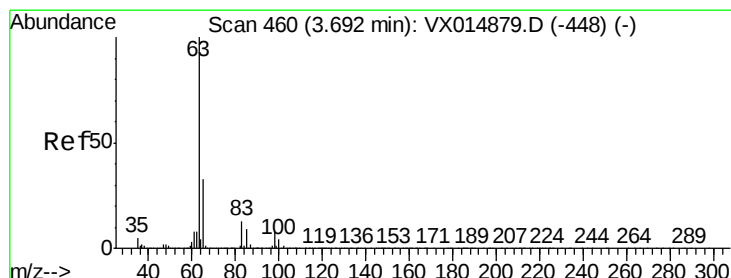
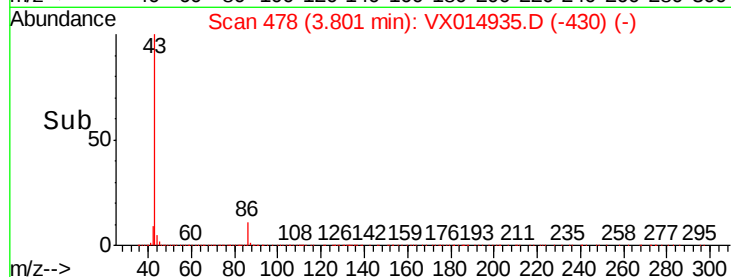
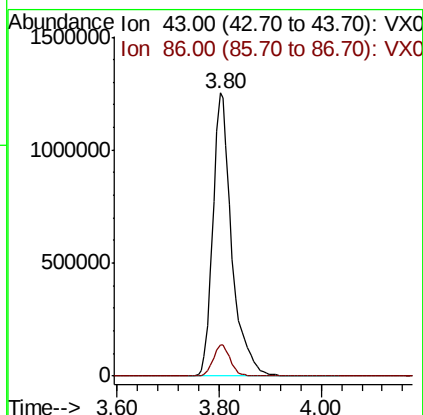
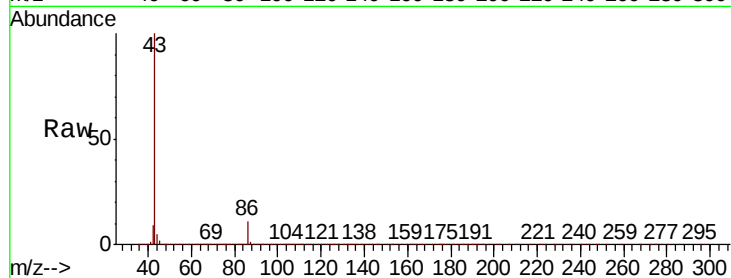
ClientSampled :

Tot Ion: 43 Resp: 3224196

Ion Ratio Lower Upper

43 100

86 10.9 8.9 13.3



#24

1,1-Dichloroethane

Concen: 50.376 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

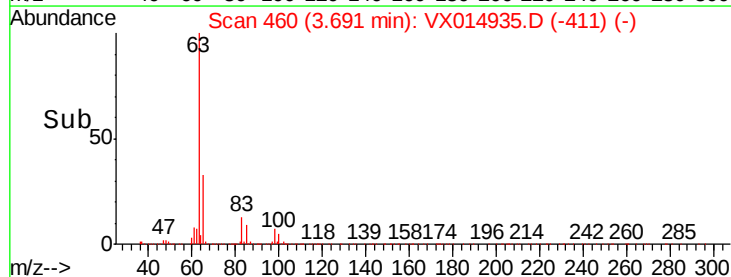
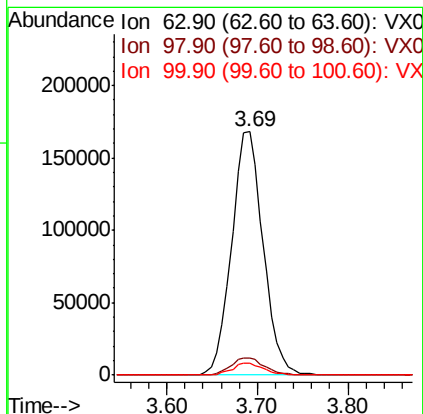
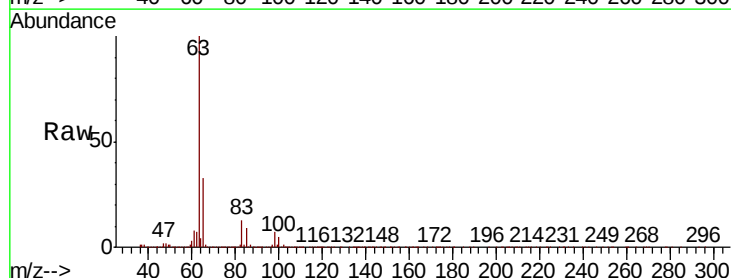
Tgt Ion: 63 Resp: 403421

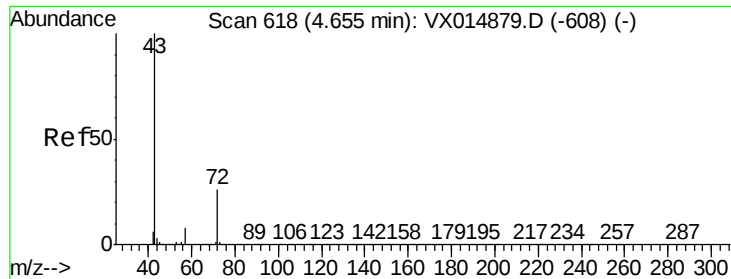
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 249.835 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

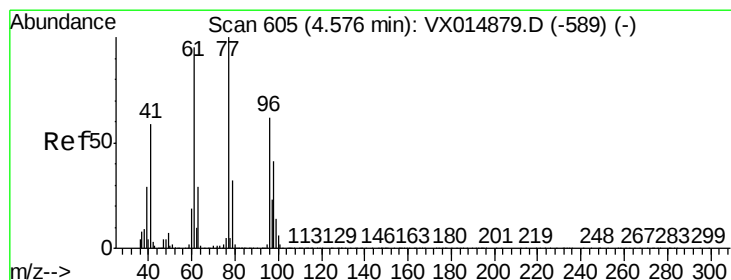
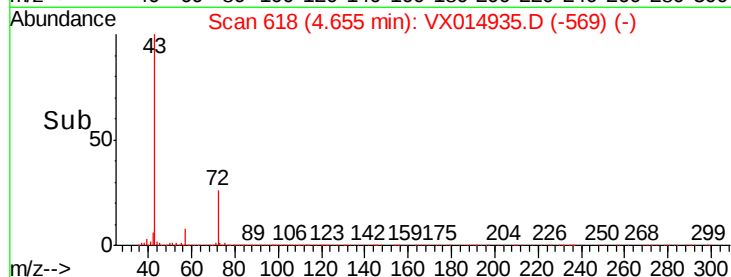
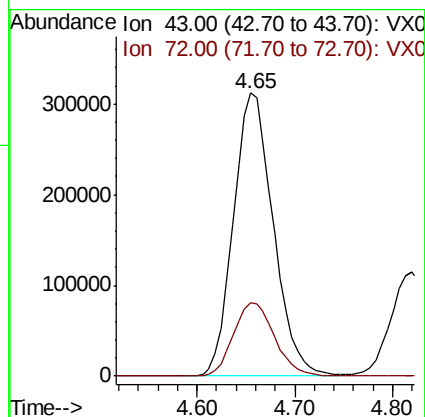
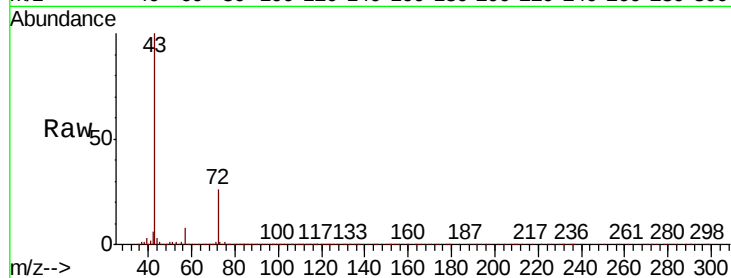
ClientSampleId :

Tot Ion: 43 Resp: 877551

Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.6



#26

2,2-Dichloropropane

Concen: 48.118 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014935.D

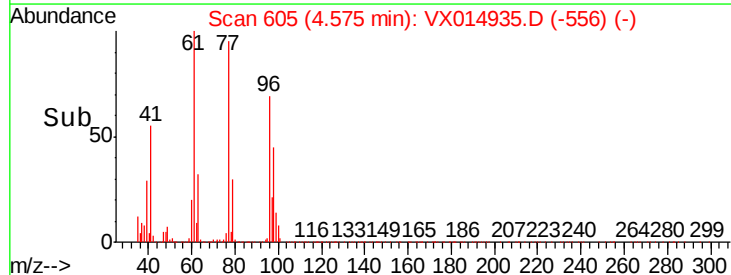
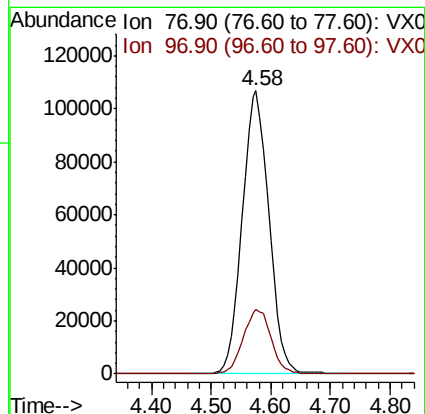
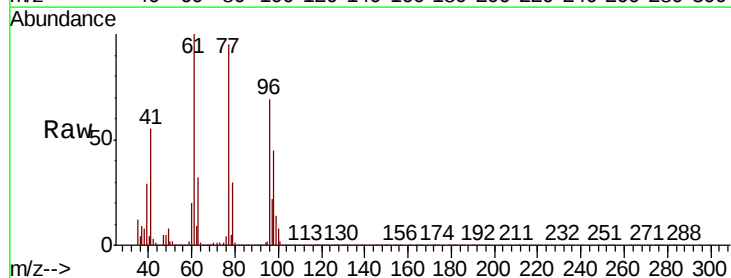
Acq: 12 Feb 2020 18:47

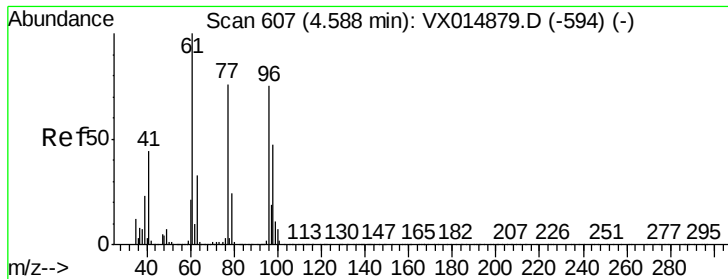
Tgt Ion: 77 Resp: 332079

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.5



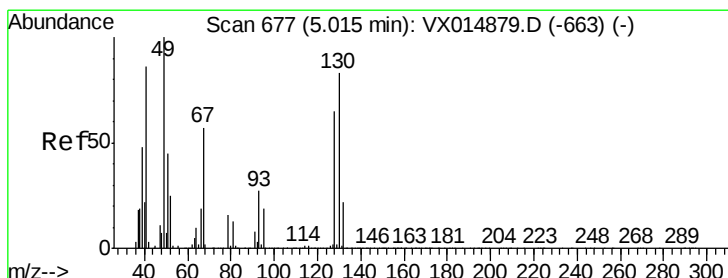
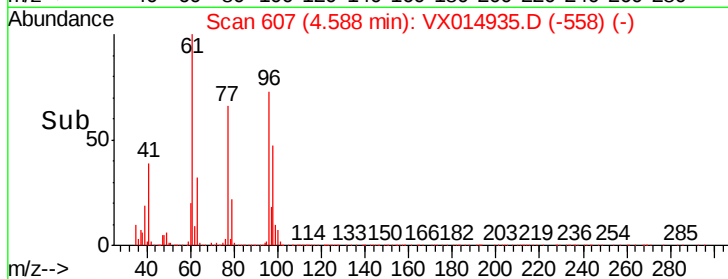
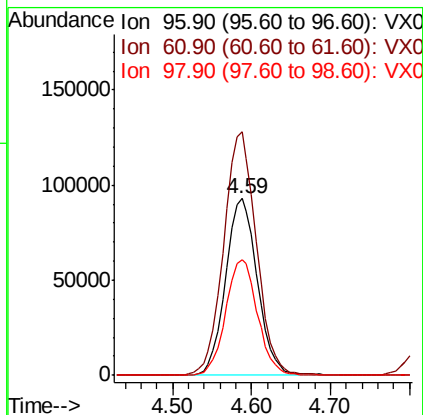
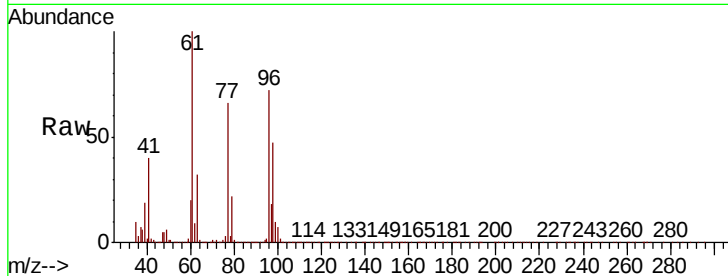


#27

cis-1,2-Dichloroethene
Concen: 50.238 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Instrument :
MSVOA_X
ClientSampleId :

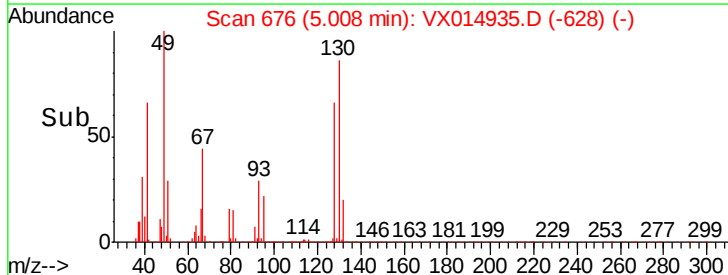
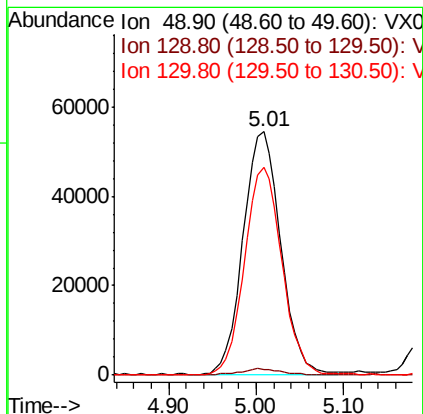
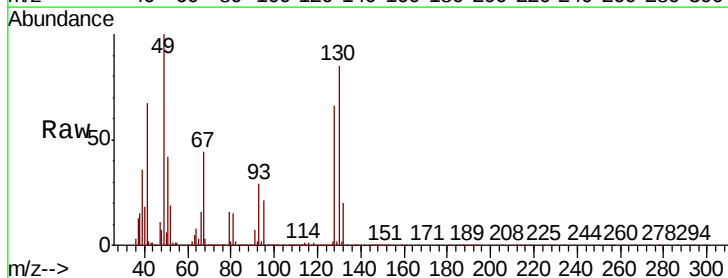
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	286.2
98	65.0	0.0	131.0

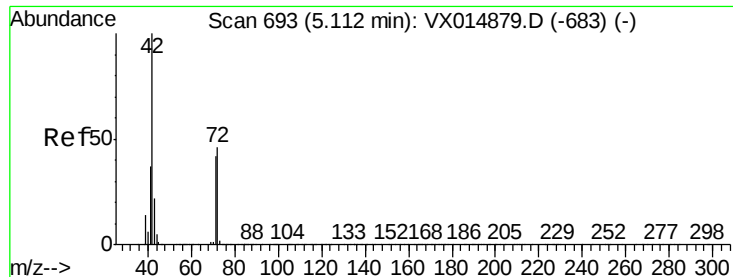


#28

Bromochloromethane
Concen: 52.198 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	85.4	67.4	101.2

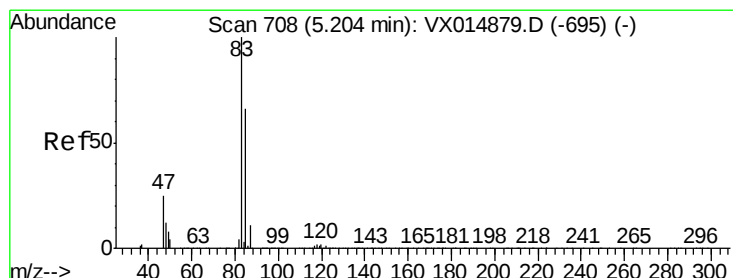
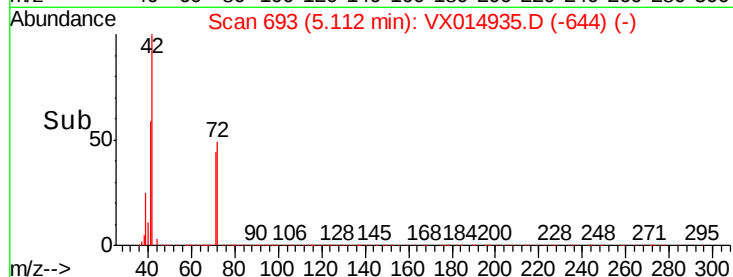
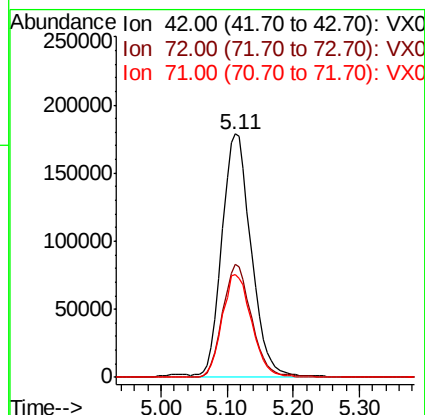
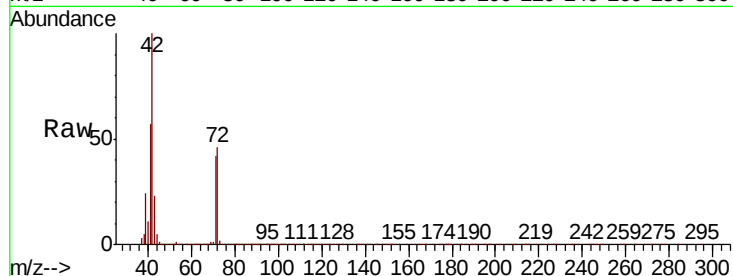




#29
Tetrahydrofuran
Concen: 272.759 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

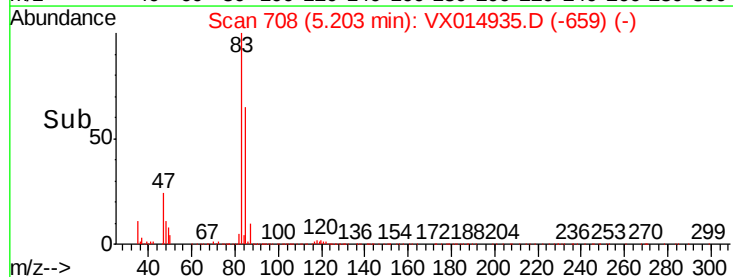
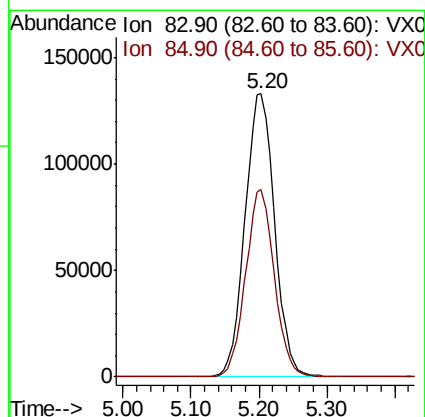
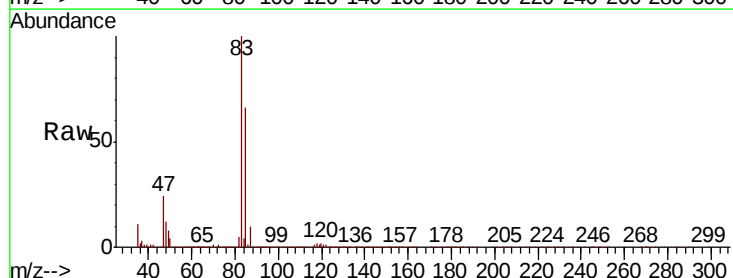
Instrument :
MSVOA_X
ClientSampled :

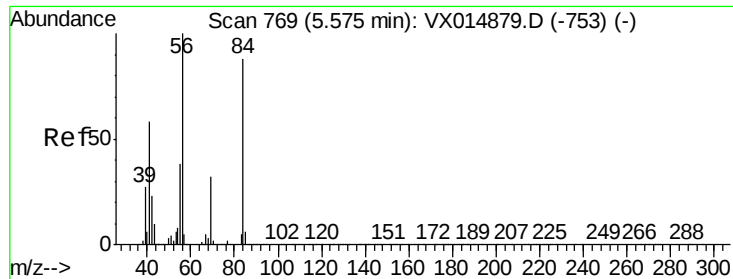
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	36.9	55.3
71	42.9	34.1	51.1



#30
Chloroform
Concen: 50.677 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.9	79.3

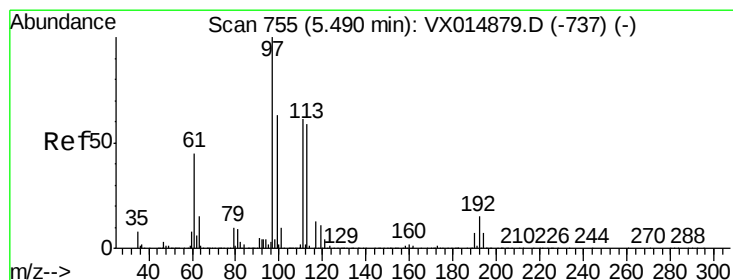
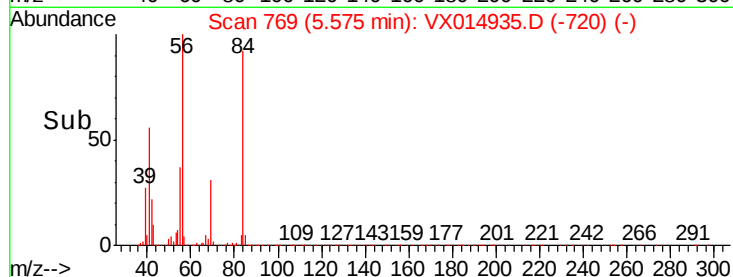
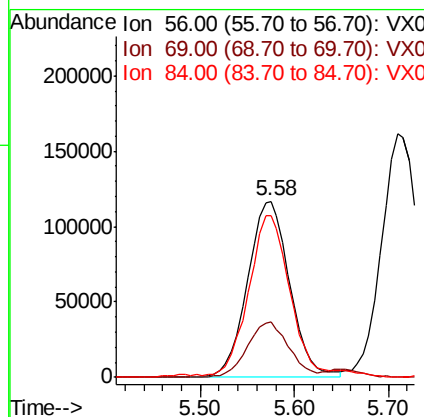
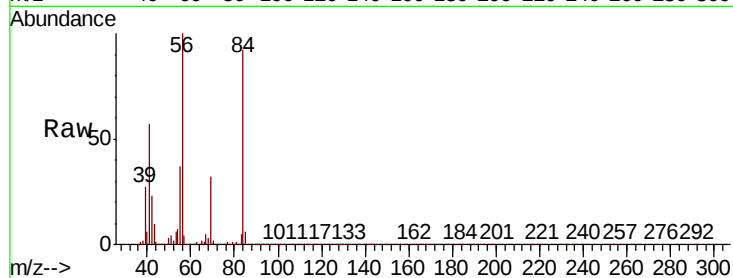




#31
Cyclohexane
Concen: 49.790 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

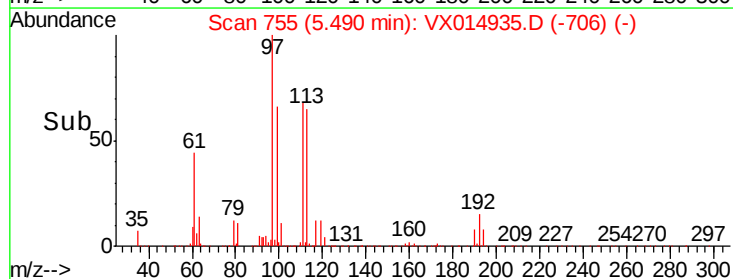
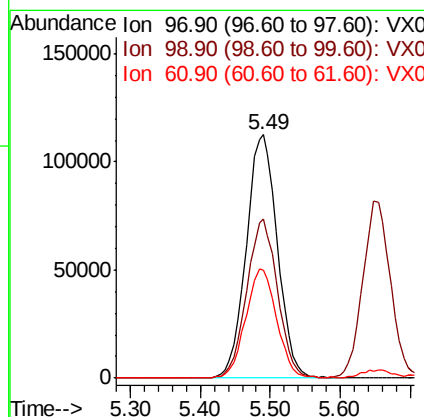
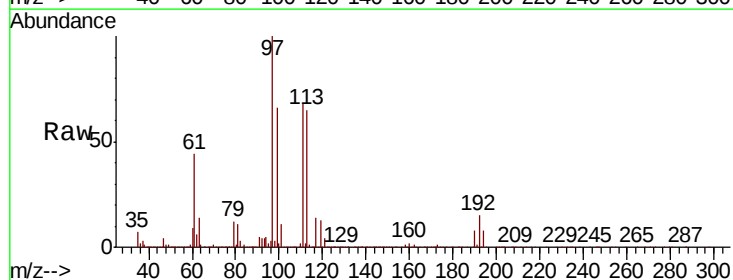
Instrument :
MSVOA_X
ClientSampleId :

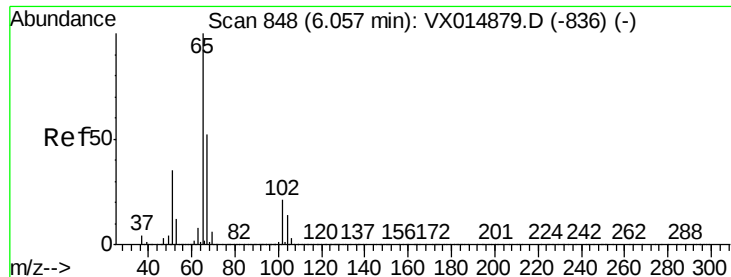
Tot Ion: 56 Resp: 363166
Ion Ratio Lower Upper
56 100
69 31.5 25.9 38.9
84 91.0 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 49.798 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion: 97 Resp: 346107
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 44.5 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 49.069 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

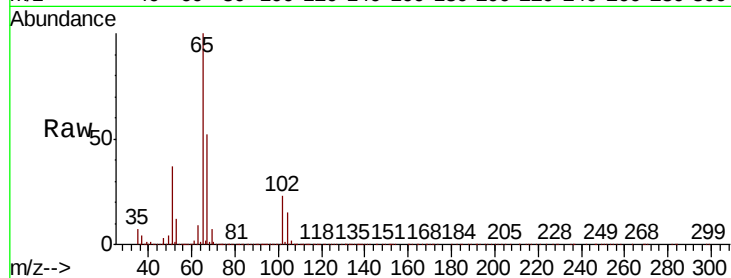
ClientSampled :

Tot Ion: 65 Resp: 253165

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

100000

80000

60000

40000

20000

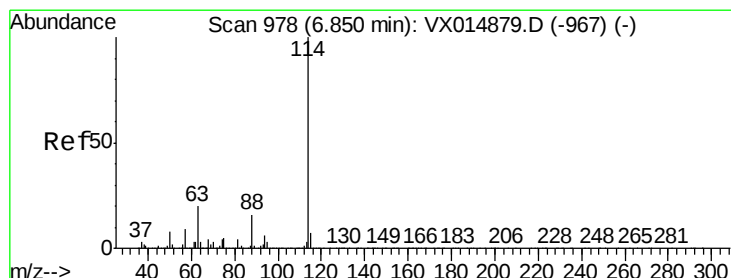
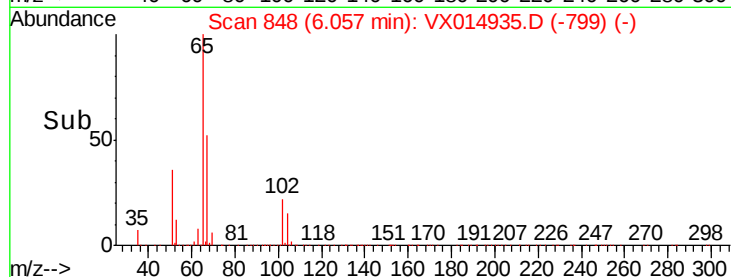
0

Time-->

5.90

6.00

6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

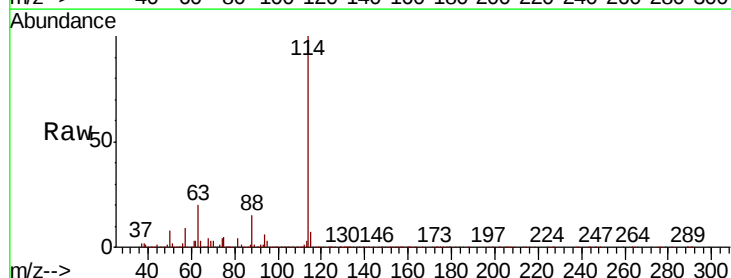
Tgt Ion: 114 Resp: 687515

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 15.0 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

400000

300000

200000

100000

0

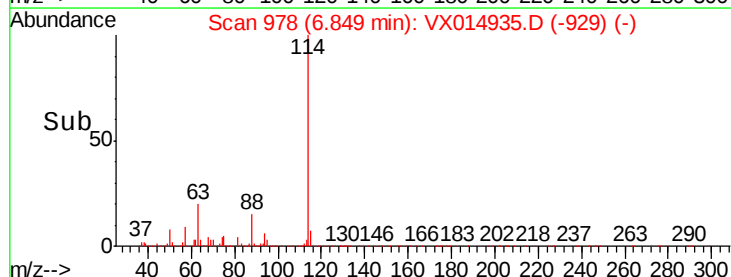
Time-->

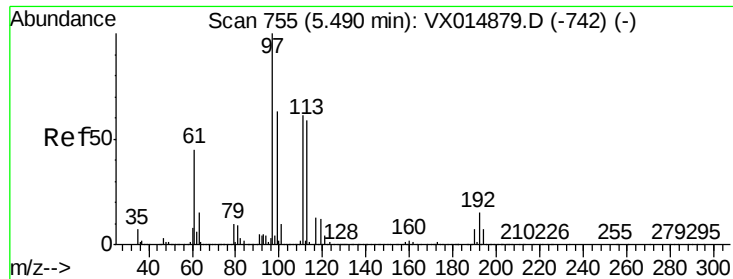
6.70

6.80

6.90

7.00

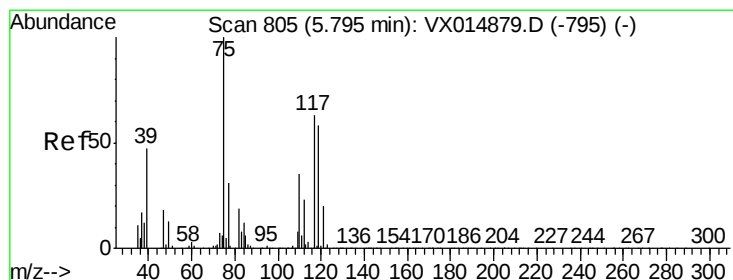
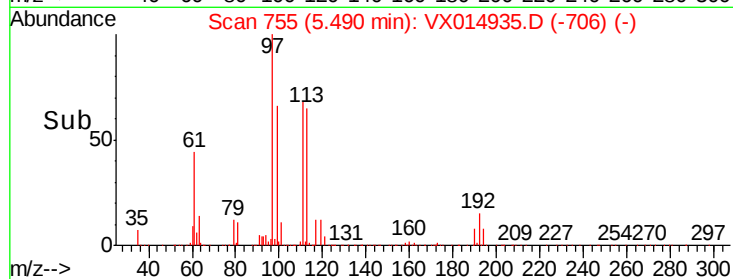
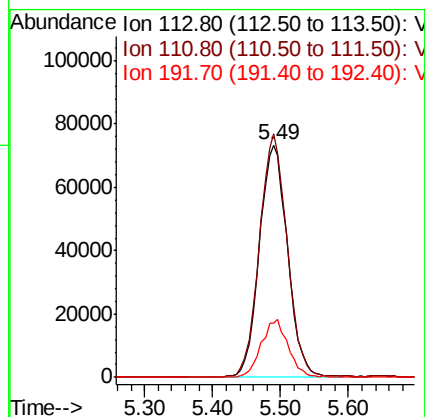
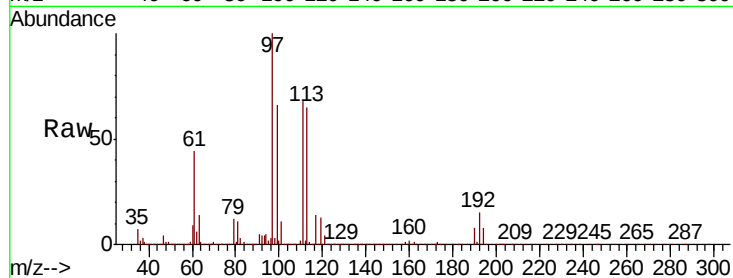




#35
Dibromofluoromethane
Concen: 50.392 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

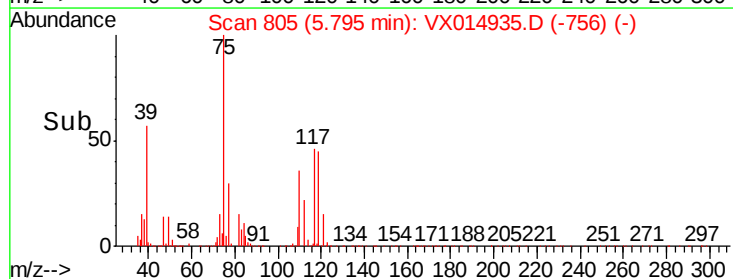
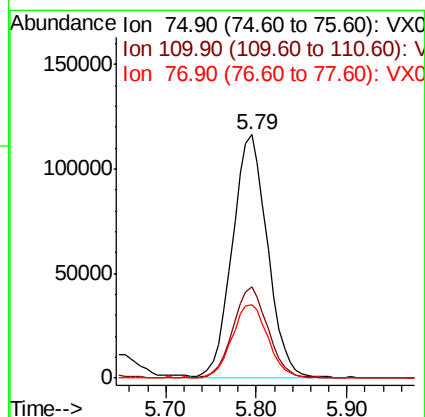
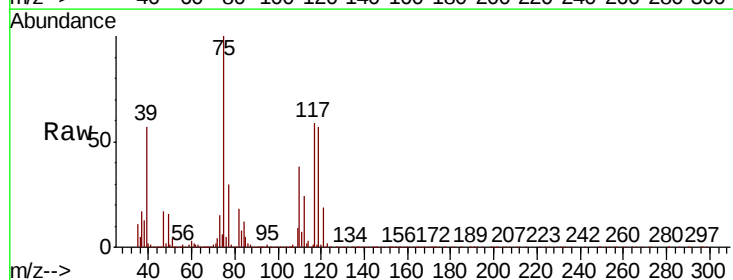
Instrument :
MSVOA_X
ClientSampleId :

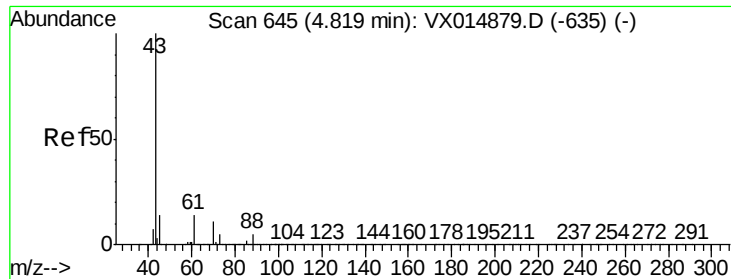
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	24.1	19.1	28.7



#36
1,1-Dichloropropene
Concen: 50.406 ug/l
RT: 5.79 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.3	54.8
77	30.5	24.6	36.8

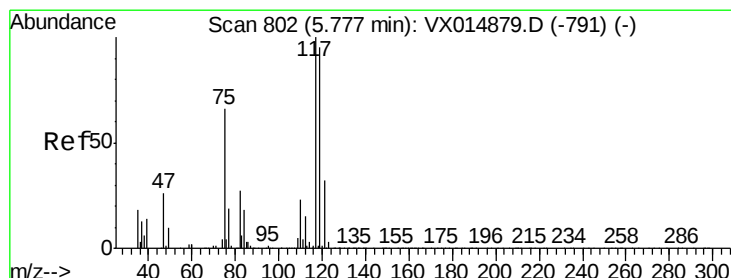
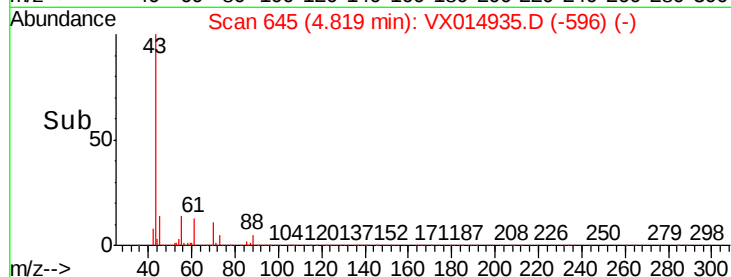
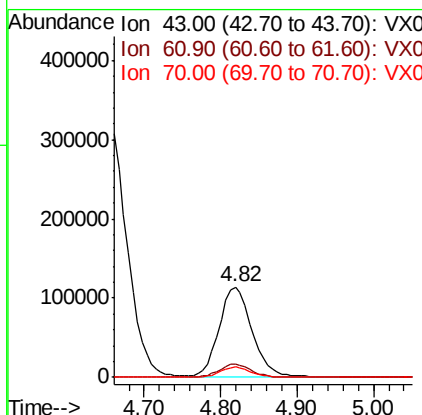
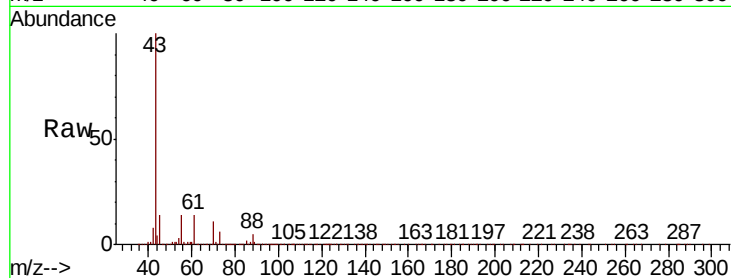




#37
Ethyl Acetate
Concen: 52.424 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

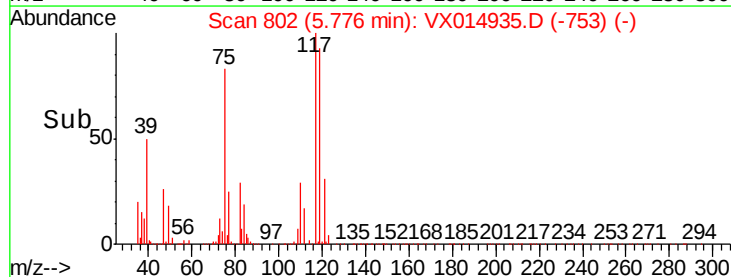
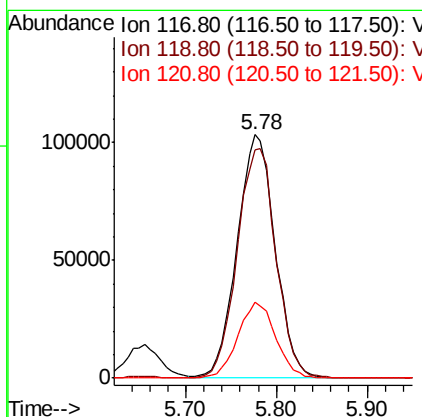
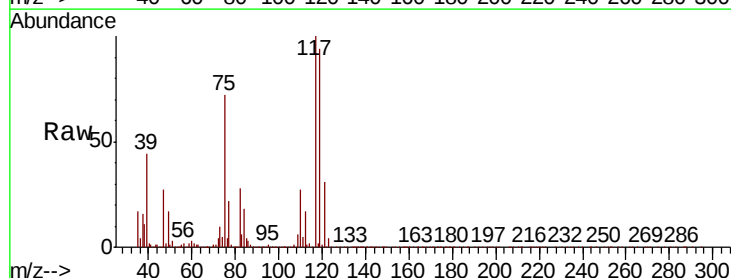
Instrument :
MSVOA_X
ClientSampleId :

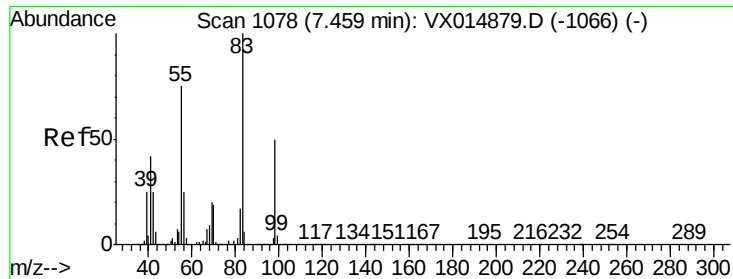
Tot Ion: 43 Resp: 336271
Ion Ratio Lower Upper
43 100
61 13.8 10.9 16.3
70 10.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 49.873 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion: 117 Resp: 298911
Ion Ratio Lower Upper
117 100
119 94.1 76.0 114.0
121 31.2 25.4 38.2

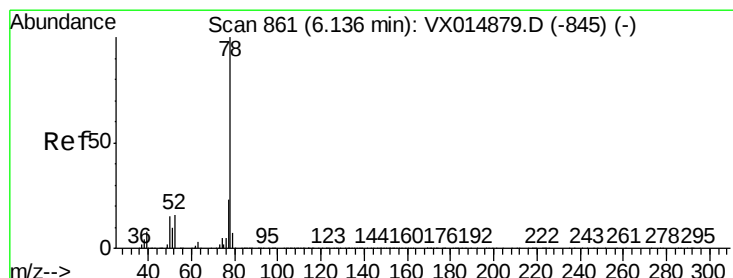
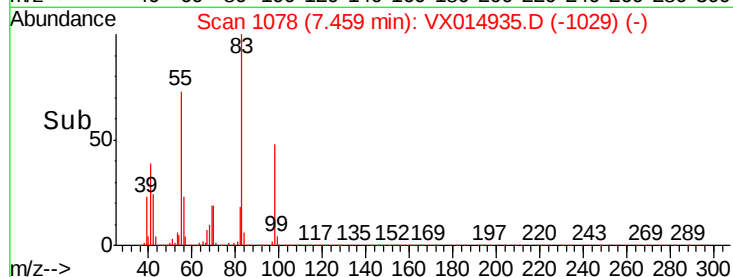
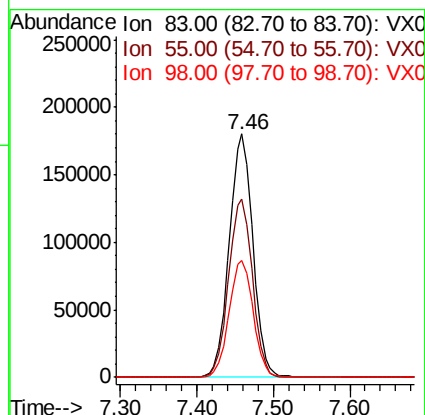
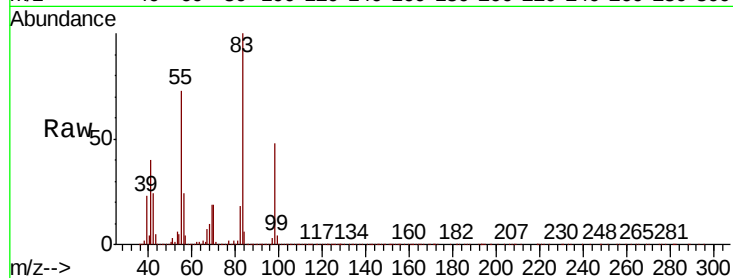




#39
Methvlcvclohexane
Concen: 49.822 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

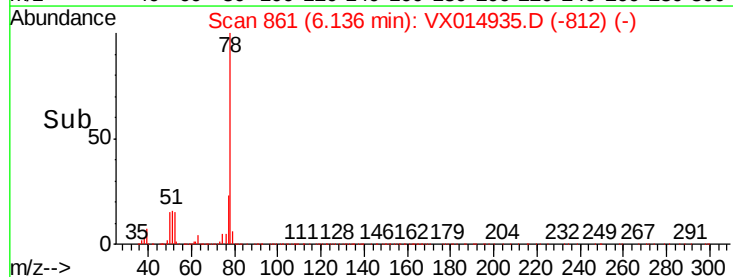
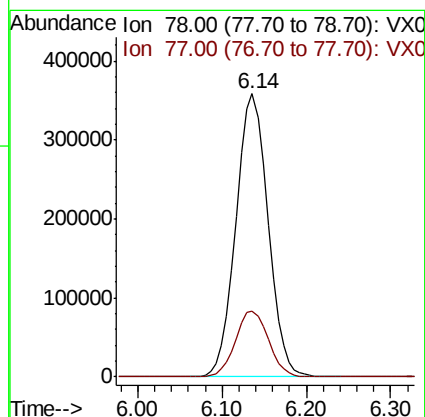
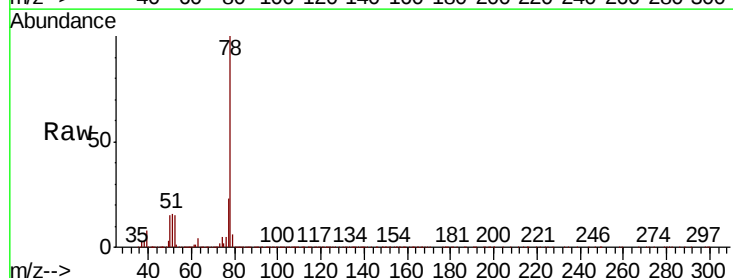
Instrument :
MSVOA_X
ClientSampleId :

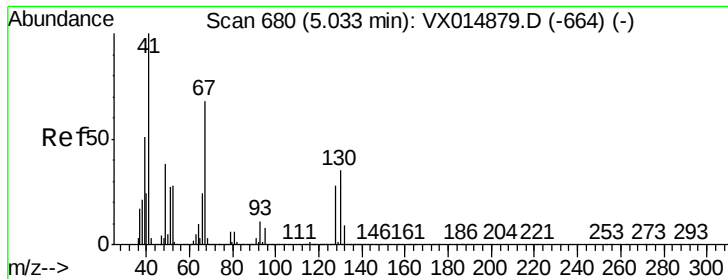
Tot Ion	83	Resp	383207
Ion Ratio	Lower	Upper	
83	100		
55	73.1	60.0	90.0
98	48.1	39.6	59.4



#40
Benzene
Concen: 50.379 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion	78	Resp	925721
Ion Ratio	Lower	Upper	
78	100		
77	23.3	18.8	28.2

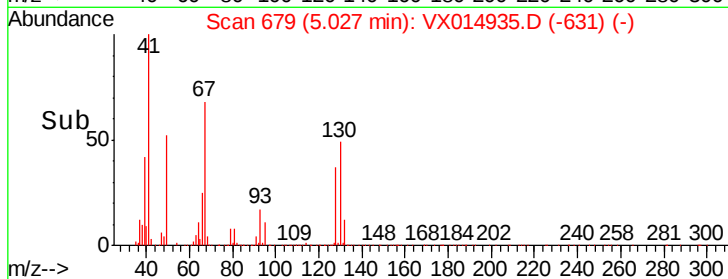
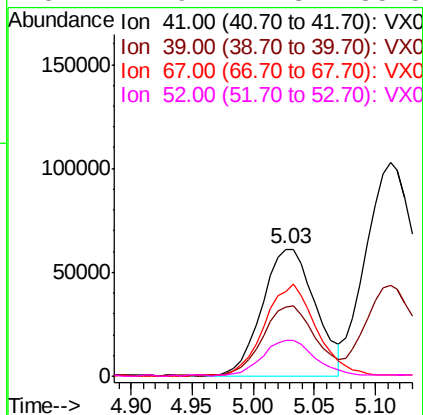
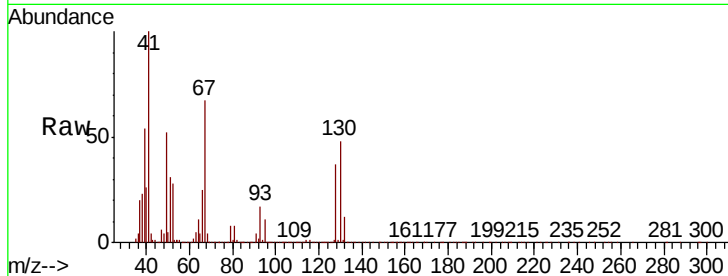




#41
Methacrylonitrile
Concen: 53.480 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

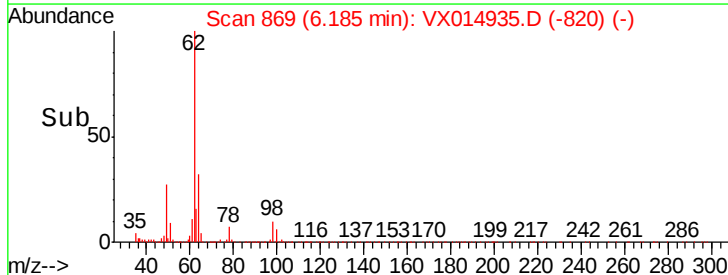
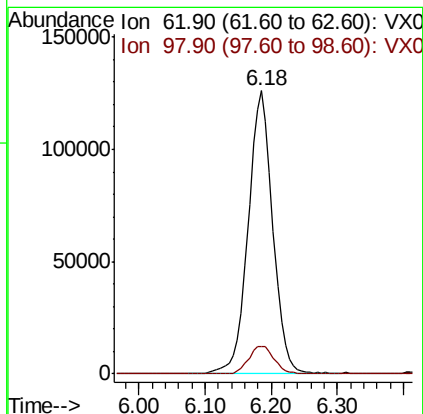
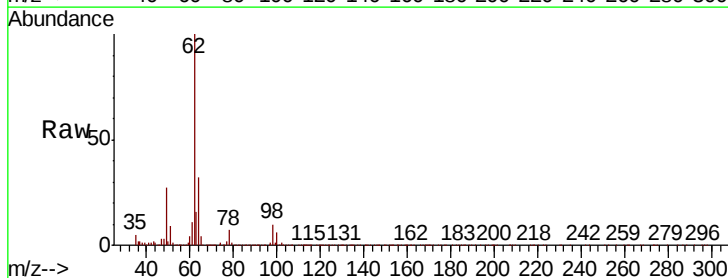
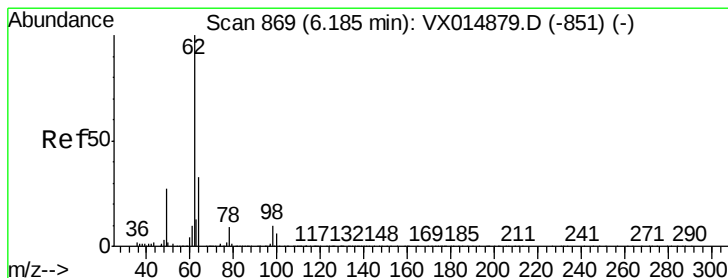
Instrument :
MSVOA_X
ClientSampled :

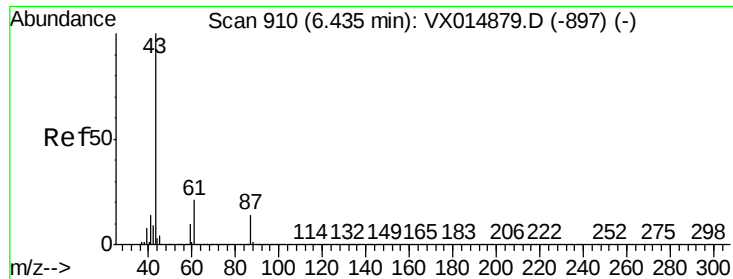
Tot Ion:	41	Resp:	184801
Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.7	67.1
67	71.7	56.6	84.8
52	27.9	22.3	33.5



#42
1,2-Dichloroethane
Concen: 49.134 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion:	62	Resp:	326315
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.2



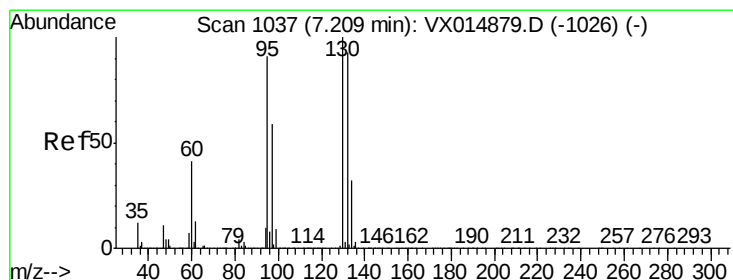
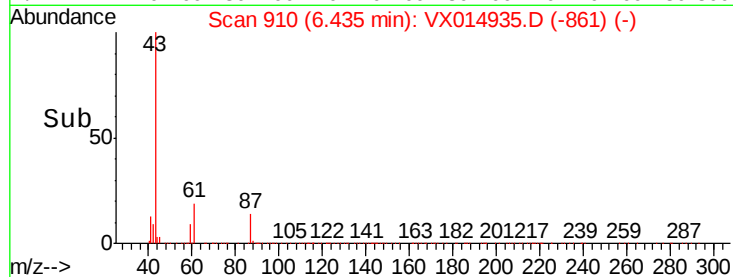
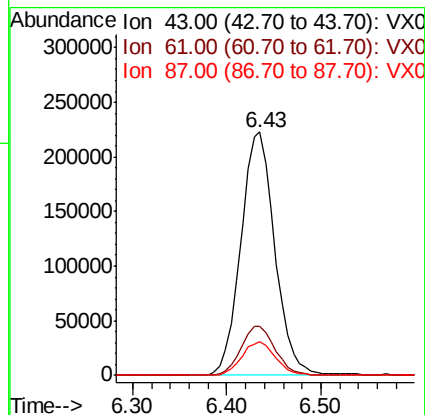
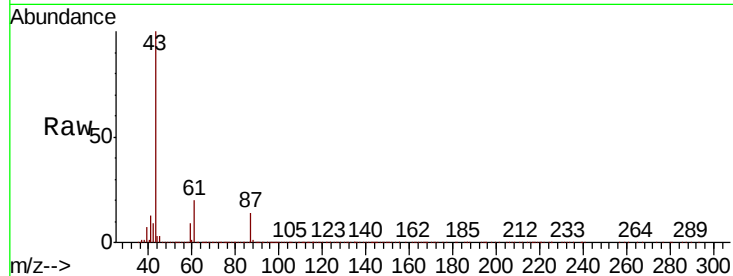


#43

Isopropyl Acetate
 Concen: 52.794 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX014935.D
 Acq: 12 Feb 2020 18:47

Instrument :
 MSVOA_X
 ClientSampleId :

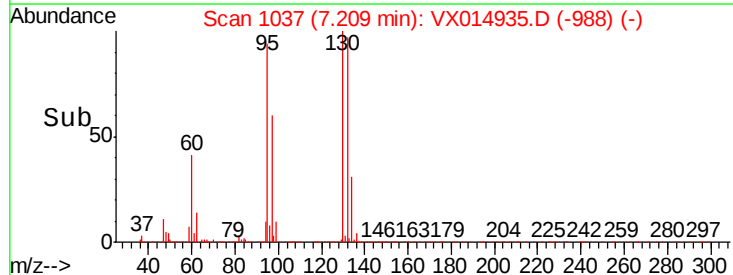
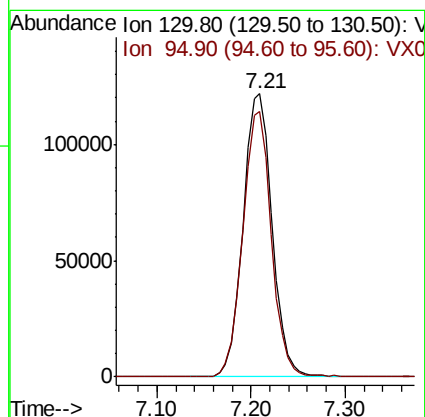
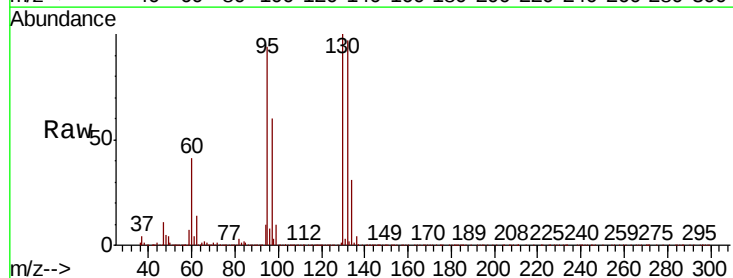
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.2	24.4
87	13.9	11.0	16.6

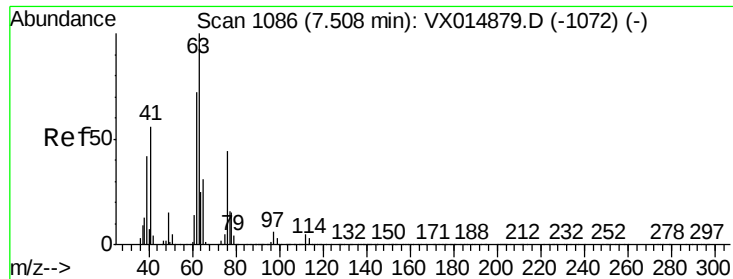


#44

Trichloroethene
 Concen: 49.126 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX014935.D
 Acq: 12 Feb 2020 18:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	182.6

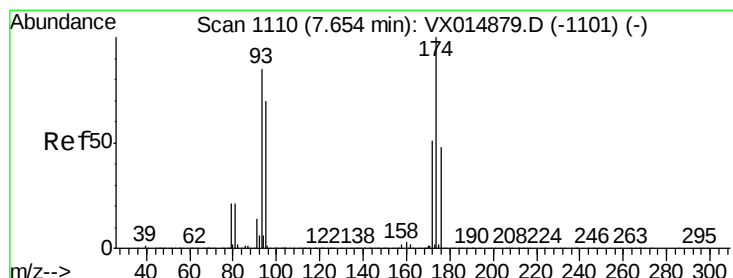
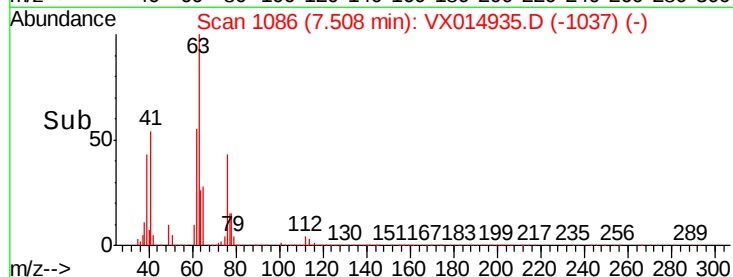
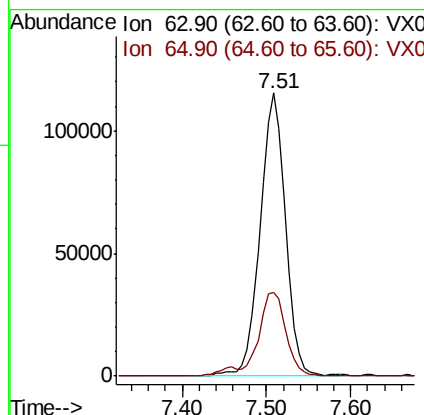
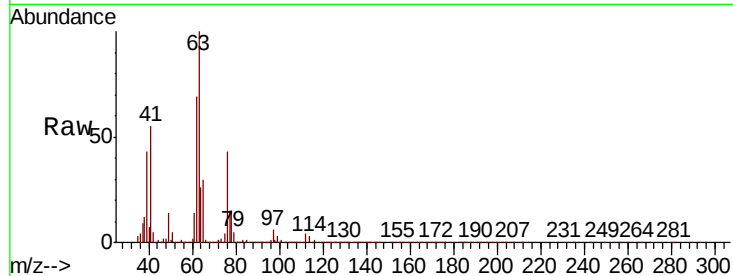




#45
 1,2-Dichloropropane
 Concen: 50.433 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014935.D
 Acq: 12 Feb 2020 18:47

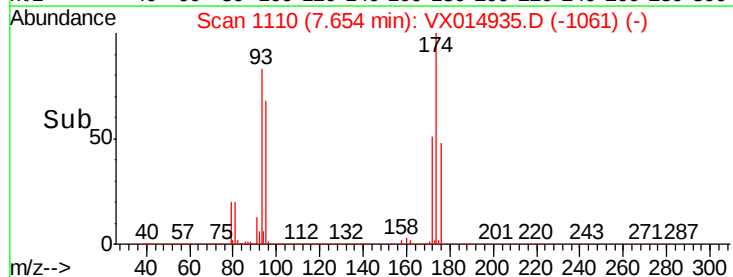
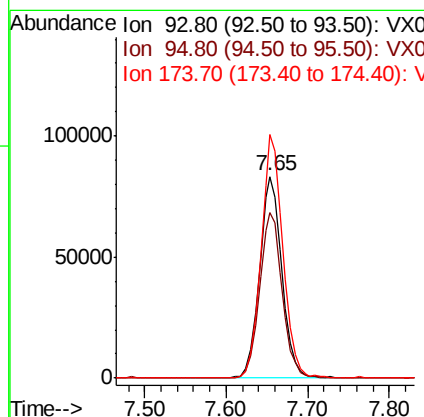
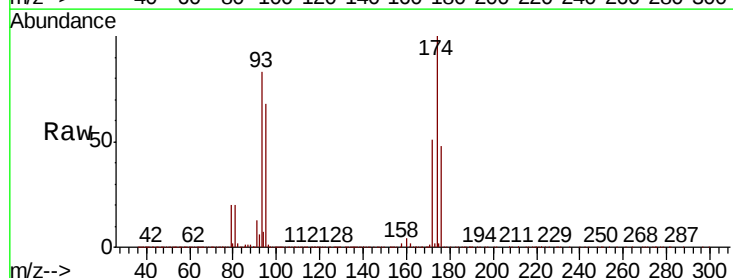
Instrument :
 MSVOA_X
 ClientSampled :

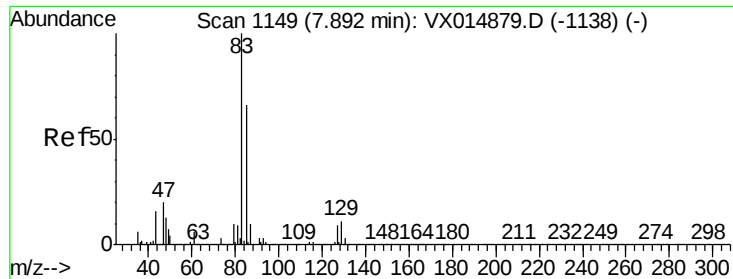
Tot Ion: 63 Resp: 236344
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.9 37.3



#46
 Dibromomethane
 Concen: 49.713 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014935.D
 Acq: 12 Feb 2020 18:47

Tgt Ion: 93 Resp: 159245
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.8 98.8
 174 118.4 95.4 143.2

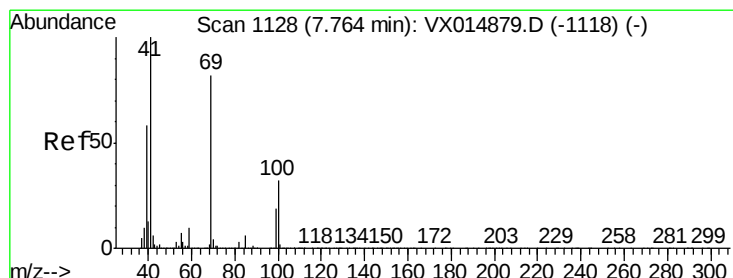
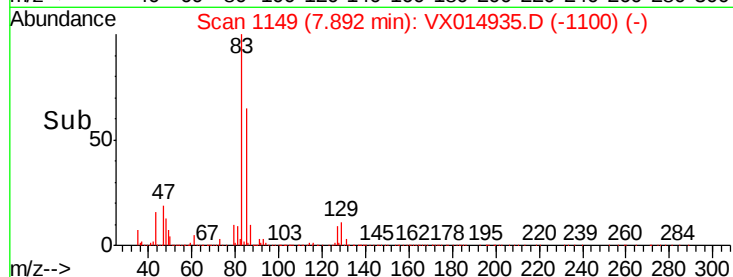
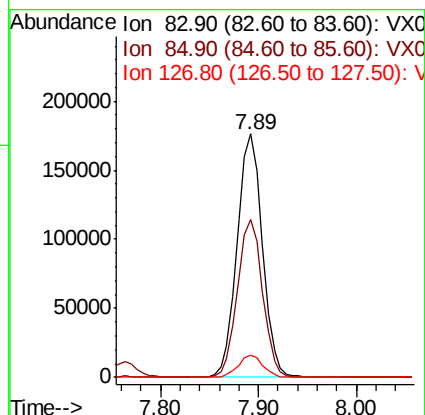
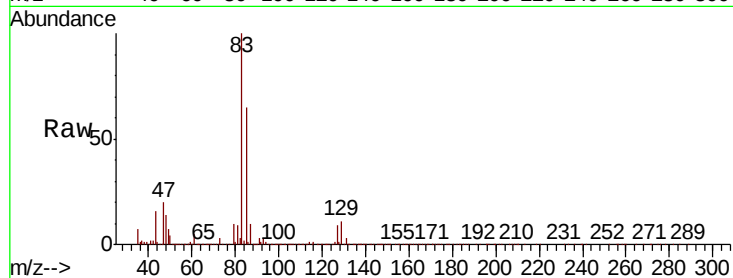




#47
Bromodichloromethane
Concen: 49.690 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

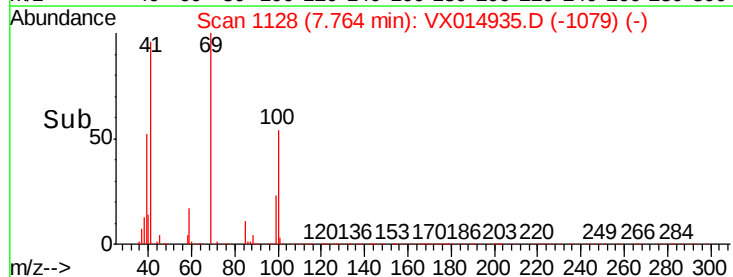
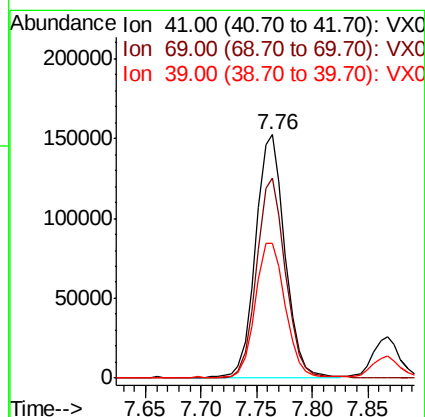
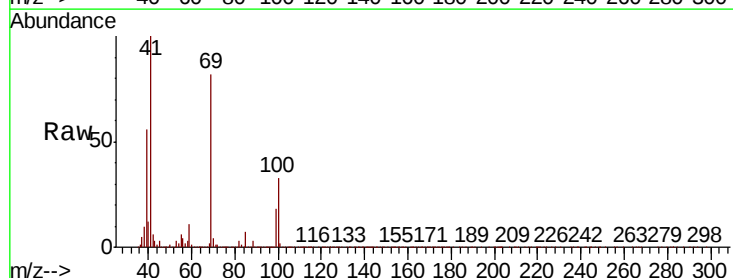
Instrument :
MSVOA_X
ClientSampleId :

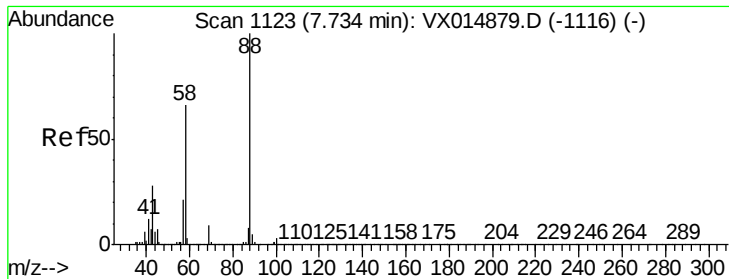
Tot Ion: 83 Resp: 315604
Ion Ratio Lower Upper
83 100
85 64.9 52.5 78.7
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 53.551 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion: 41 Resp: 278862
Ion Ratio Lower Upper
41 100
69 81.8 65.7 98.5
39 57.2 45.8 68.8





#49

1,4-Dioxane

Concen: 1254.442 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

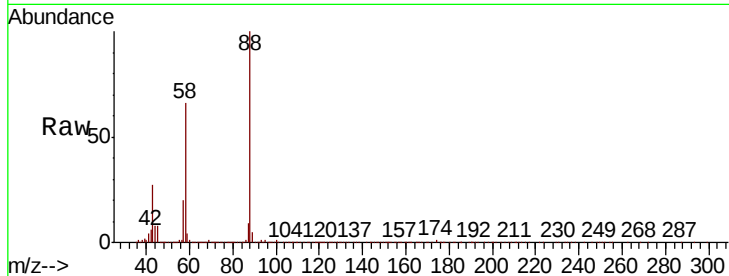
Tot Ion: 88 Resp: 122136

Ion Ratio Lower Upper

88 100

43 31.9 27.0 40.4

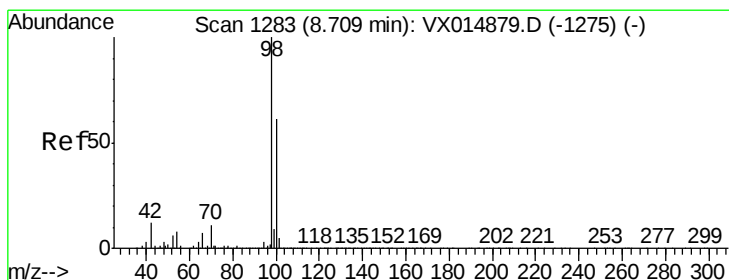
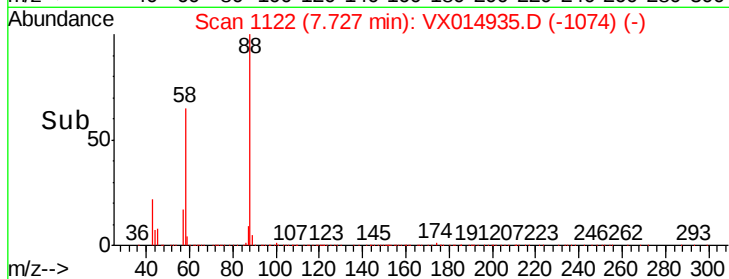
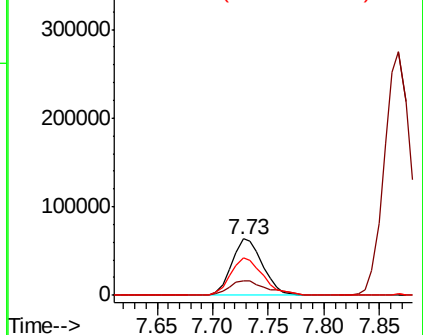
58 69.0 53.2 79.8



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: 50.452 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014935.D

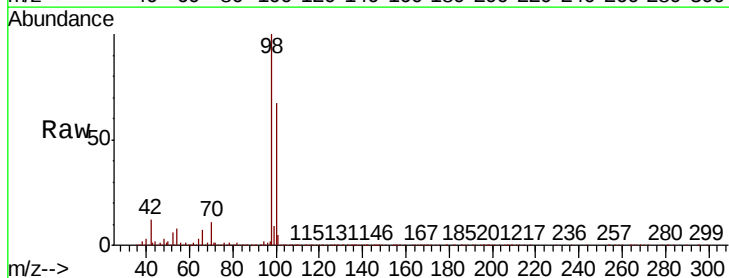
Acq: 12 Feb 2020 18:47

Tgt Ion: 98 Resp: 813976

Ion Ratio Lower Upper

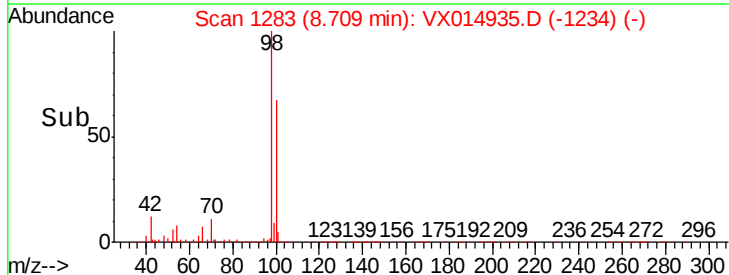
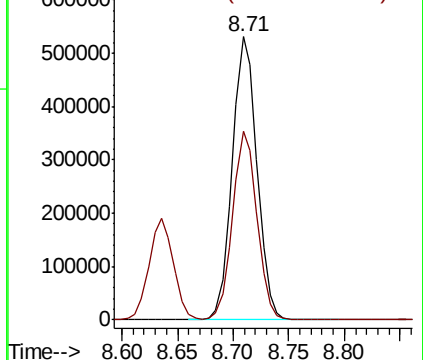
98 100

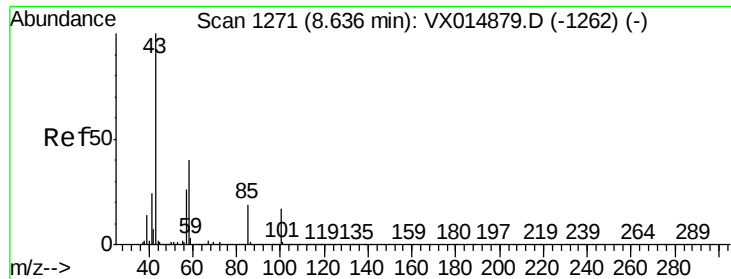
100 66.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 266.976 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

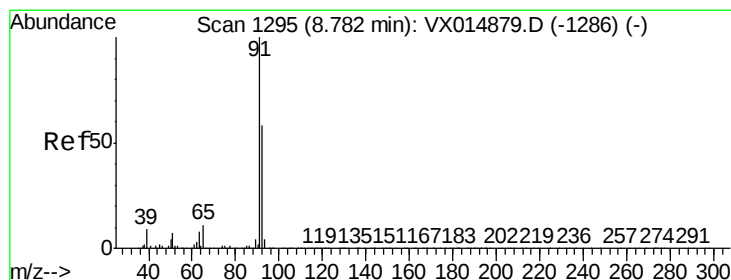
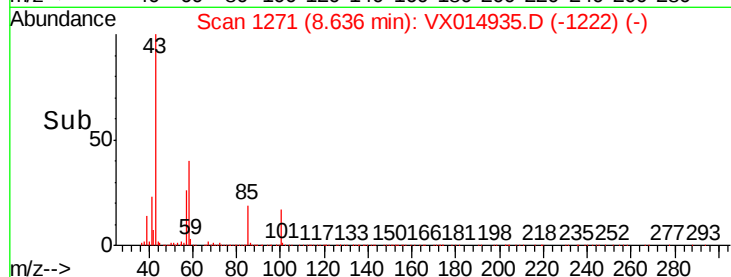
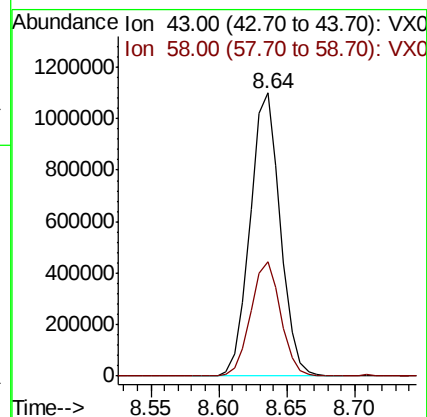
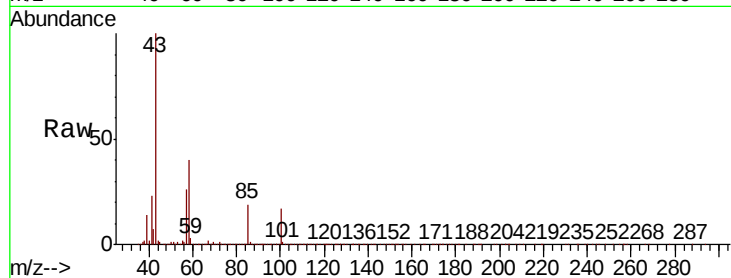
ClientSampleId :

Tot Ion: 43 Resp: 1705780

Ion Ratio Lower Upper

43 100

58 40.1 31.9 47.9



#52

Toluene

Concen: 50.722 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014935.D

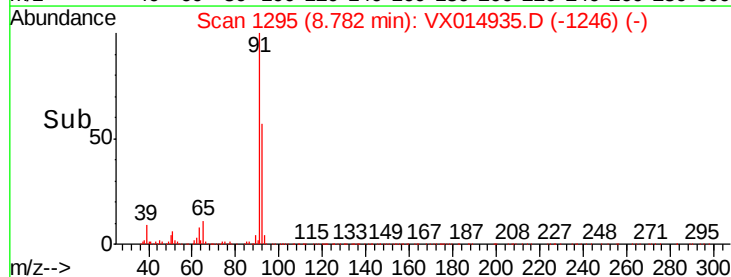
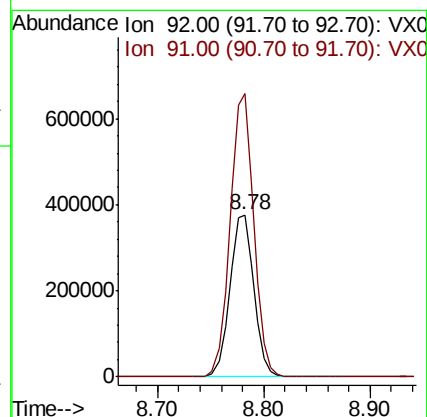
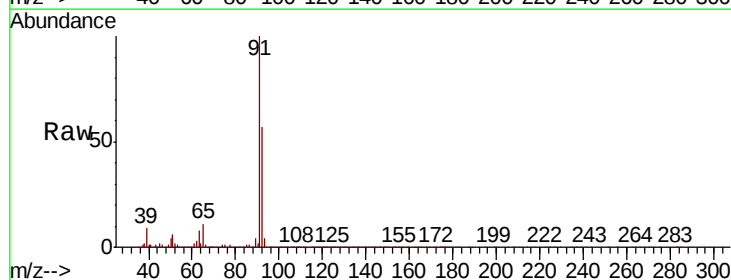
Acq: 12 Feb 2020 18:47

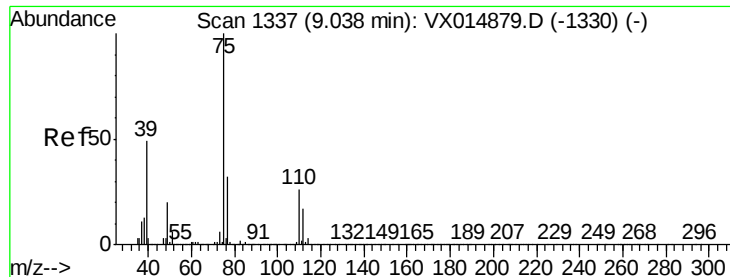
Tgt Ion: 92 Resp: 591968

Ion Ratio Lower Upper

92 100

91 172.3 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 51.907 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

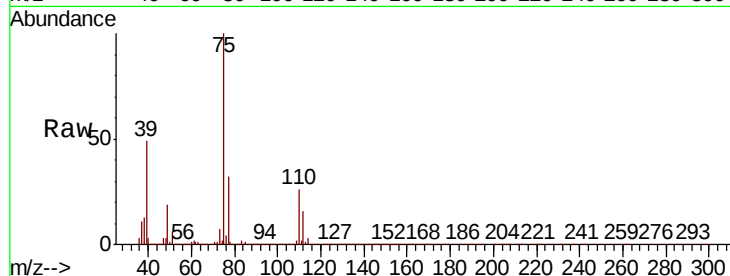
ClientSampleId :

Tot Ion: 75 Resp: 361317

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

250000

200000

150000

100000

50000

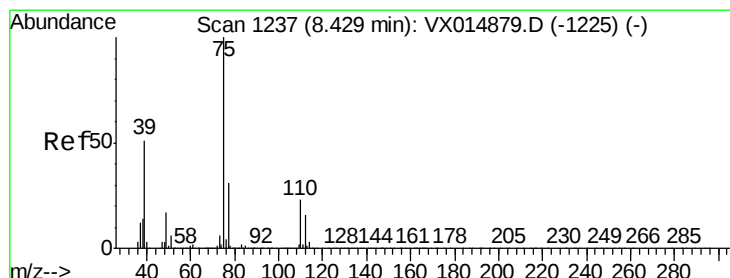
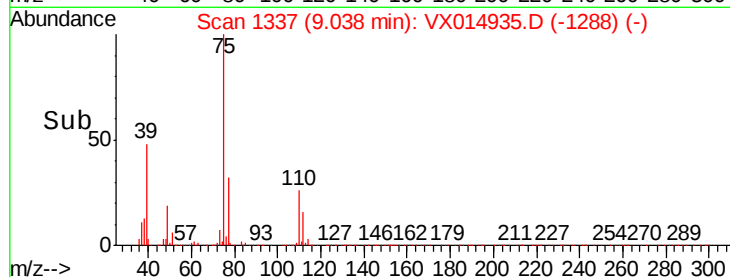
0

9.04

9.10

9.20

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.769 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

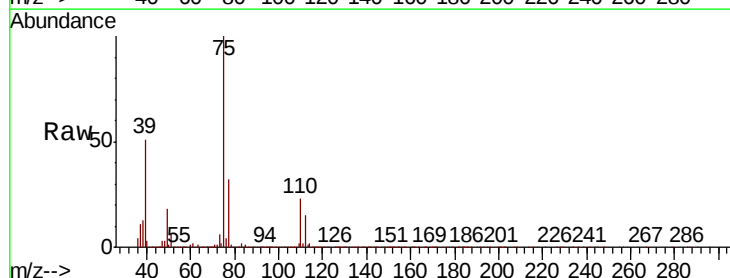
Tgt Ion: 75 Resp: 390399

Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

39 50.8 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

300000

200000

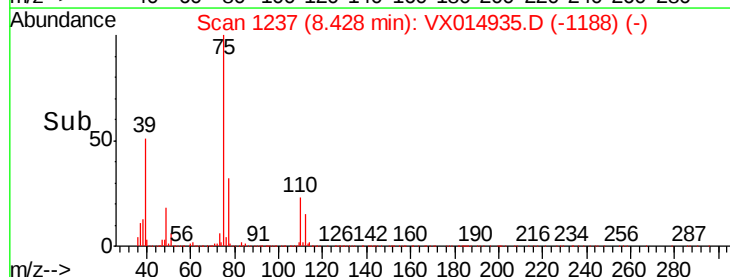
100000

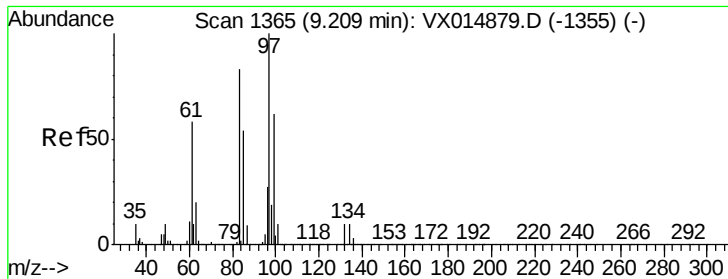
0

8.43

8.50

Time-->

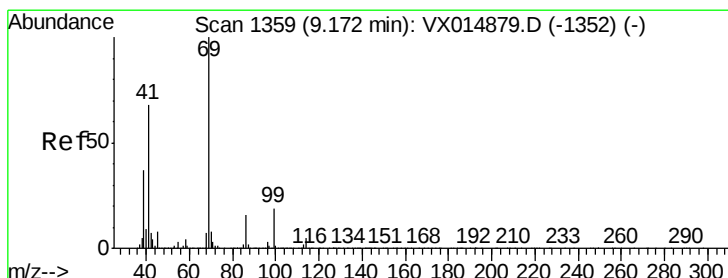
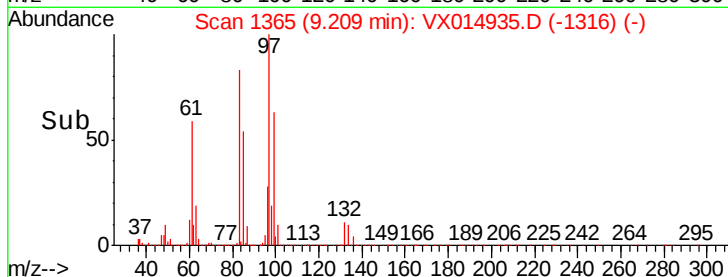
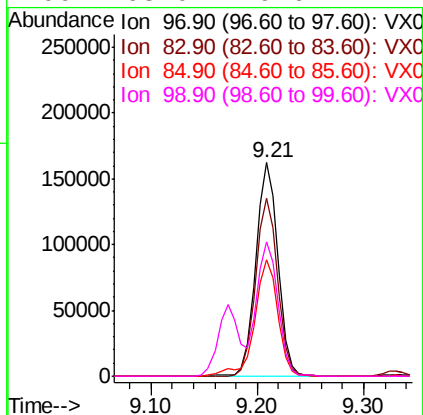
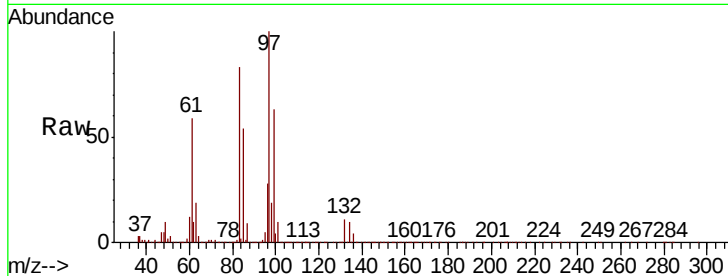




#55
 1,1,2-Trichloroethane
 Concen: 50.018 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014935.D
 Acq: 12 Feb 2020 18:47

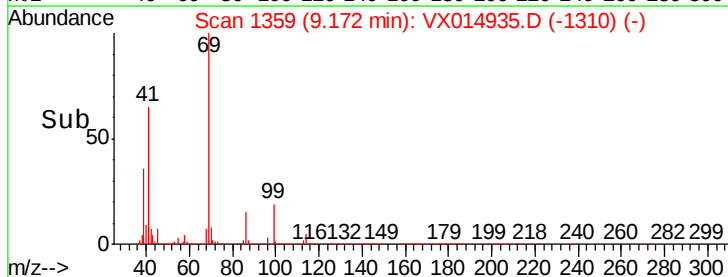
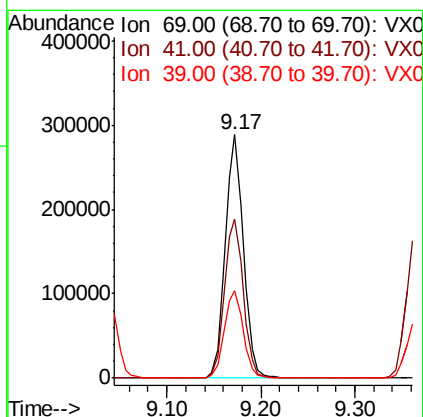
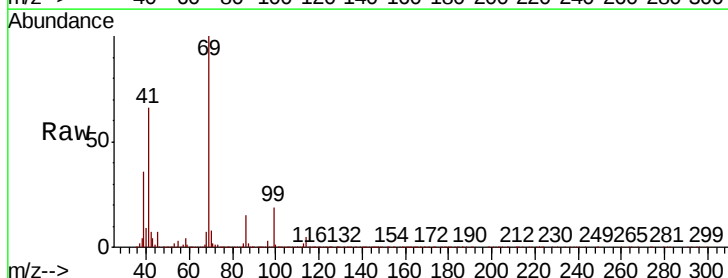
Instrument :
 MSVOA_X
 ClientSampleId :

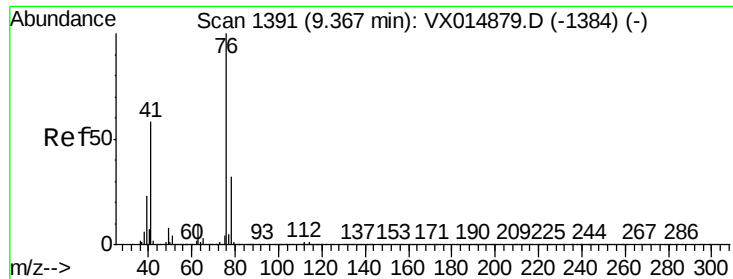
Tot Ion:	97	Resp:	236174
Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.6	99.8
85	54.2	43.5	65.3
99	63.0	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 54.215 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014935.D
 Acq: 12 Feb 2020 18:47

Tgt Ion:	69	Resp:	384781
Ion	Ratio	Lower	Upper
69	100		
41	67.3	54.8	82.2
39	36.8	29.9	44.9





#57

1,3-Dichloropropane

Concen: 50.281 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

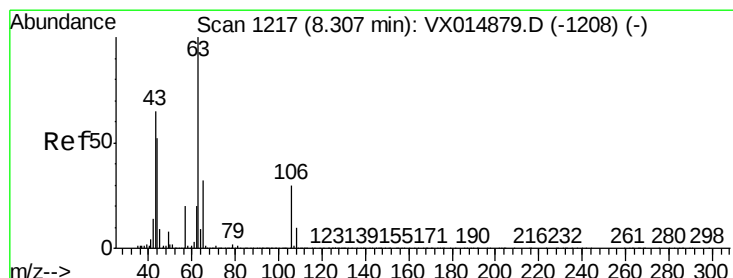
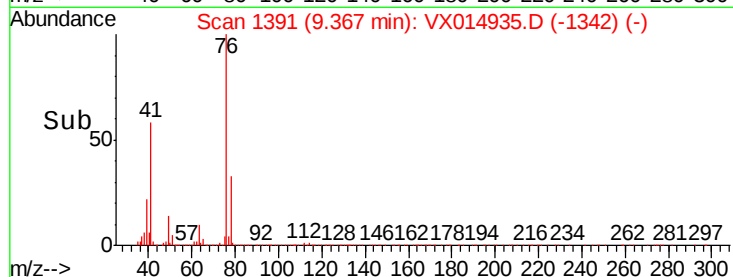
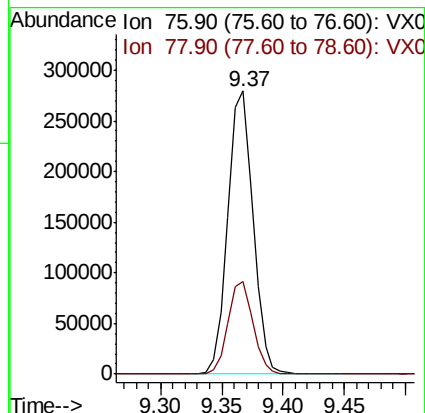
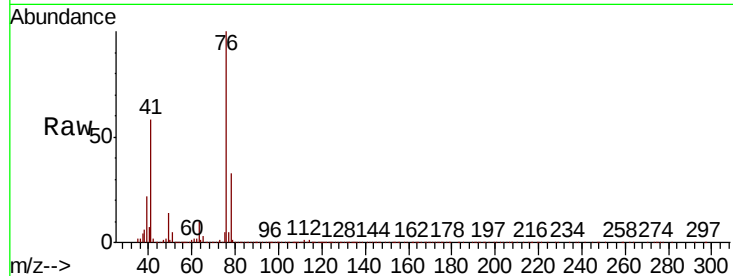
ClientSampleId :

Tot Ion: 76 Resp: 399654

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 262.717 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014935.D

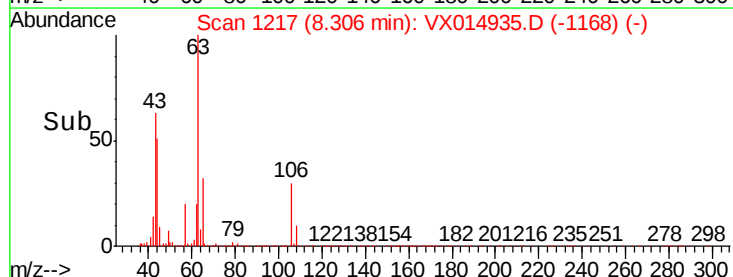
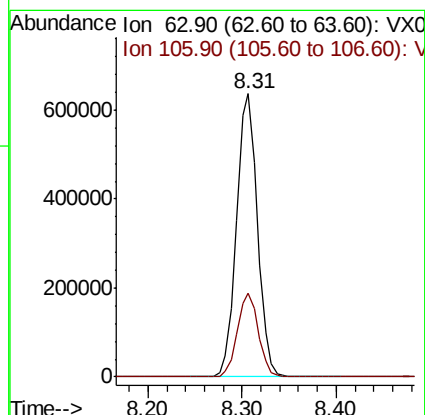
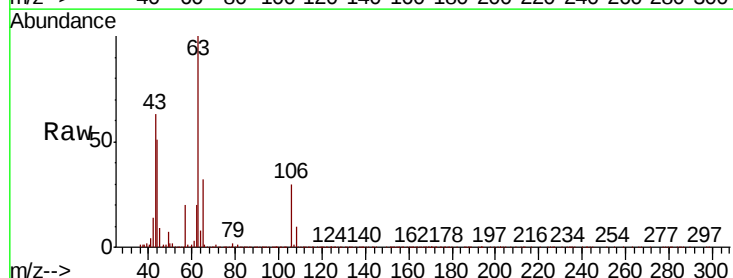
Acq: 12 Feb 2020 18:47

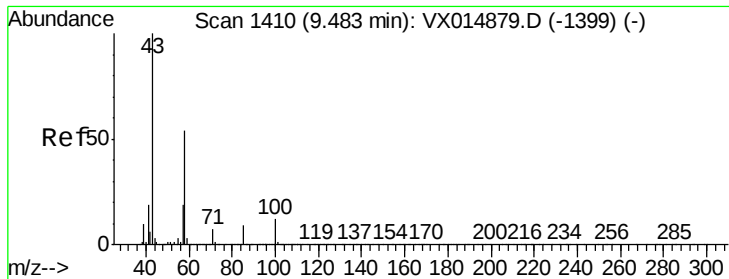
Tgt Ion: 63 Resp: 975138

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.8

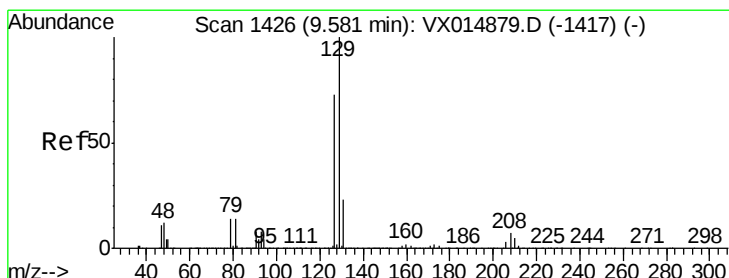
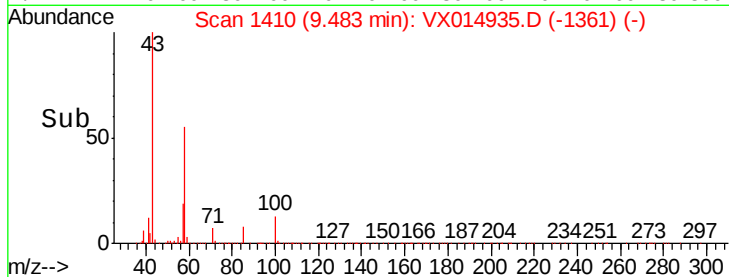
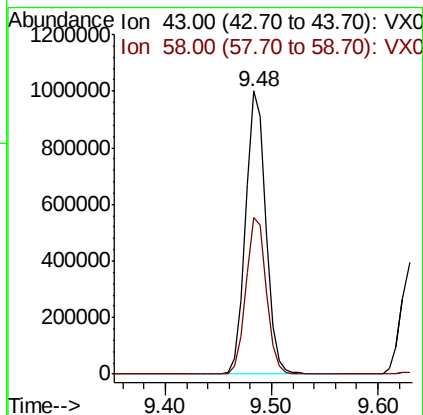
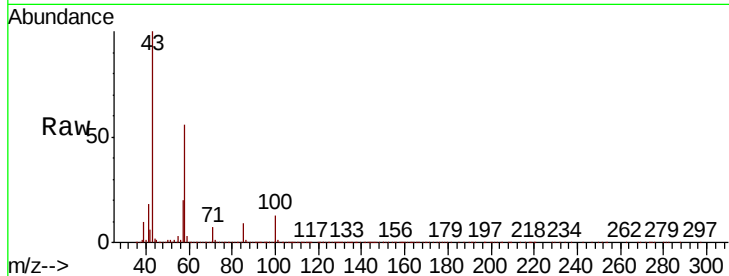




#59
2-Hexanone
Concen: 265.208 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

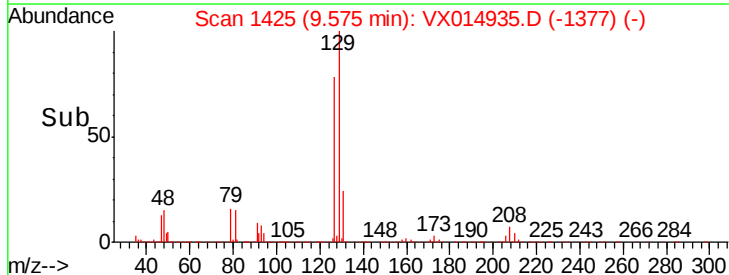
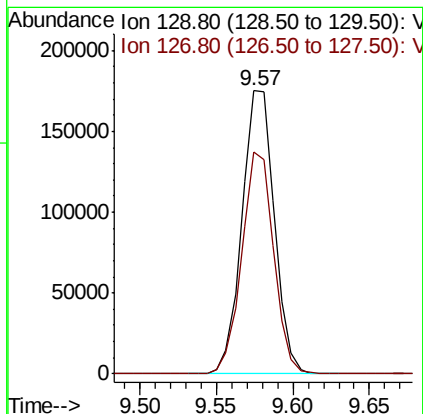
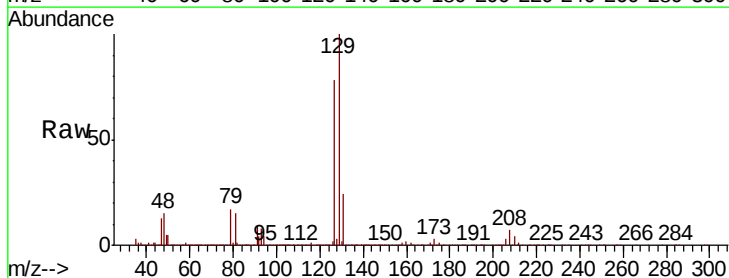
Instrument :
MSVOA_X
ClientSampleId :

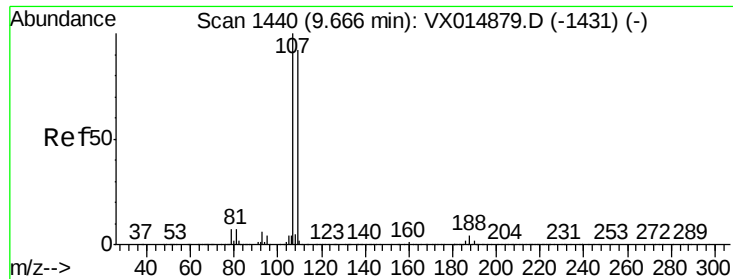
Tot Ion: 43 Resp: 1331886
Ion Ratio Lower Upper
43 100
58 55.9 27.5 82.5



#60
Dibromochloromethane
Concen: 50.664 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion: 129 Resp: 257443
Ion Ratio Lower Upper
129 100
127 77.1 37.8 113.3





#61

1,2-Dibromoethane

Concen: 50.272 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

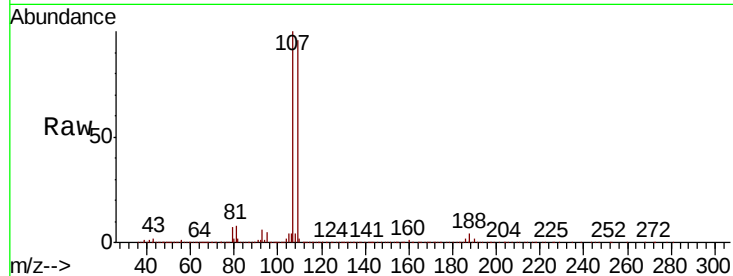
ClientSampleId :

Tot Ion:107 Resp: 256121

Ion Ratio Lower Upper

107 100

109 93.5 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

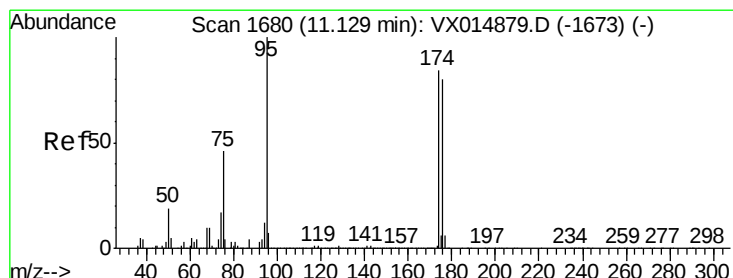
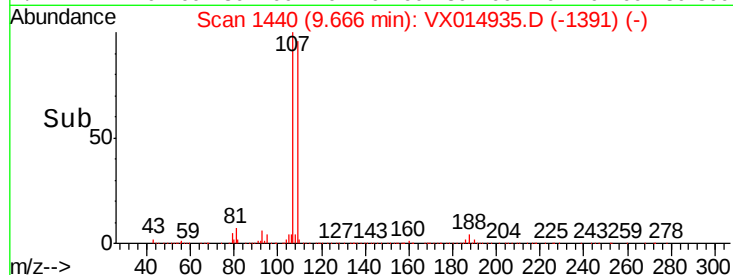
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.585 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

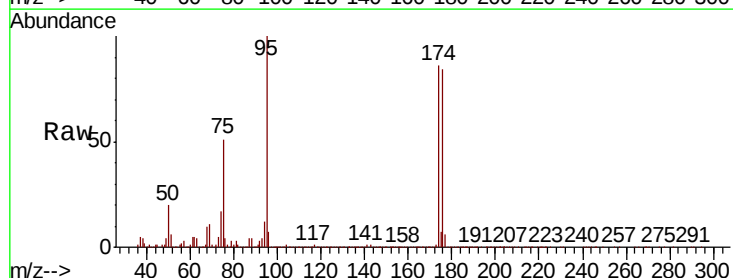
Tgt Ion: 95 Resp: 305612

Ion Ratio Lower Upper

95 100

174 91.1 0.0 183.0

176 90.5 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

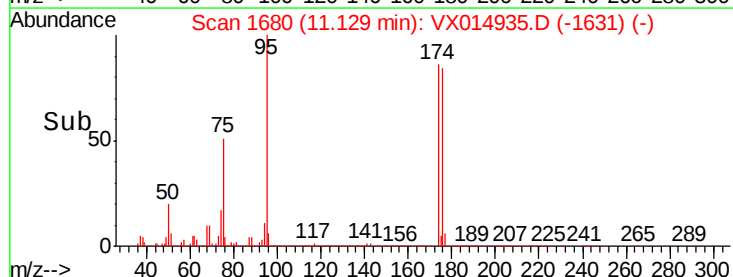
150000

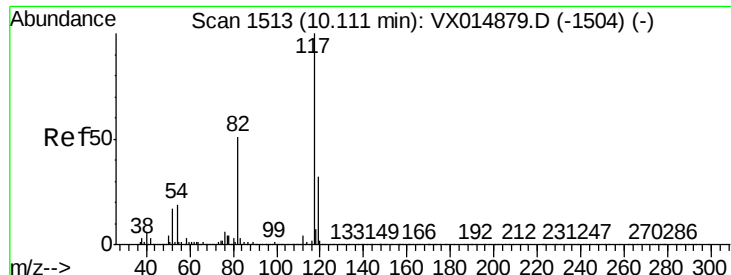
100000

50000

0

Time-->

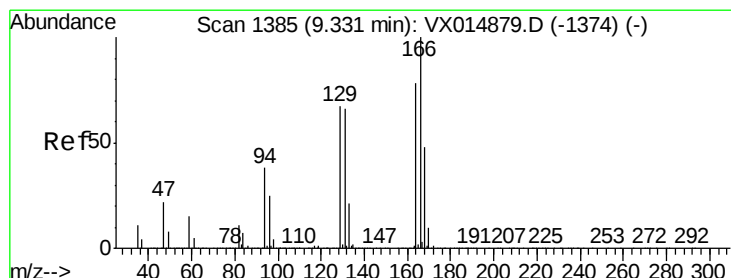
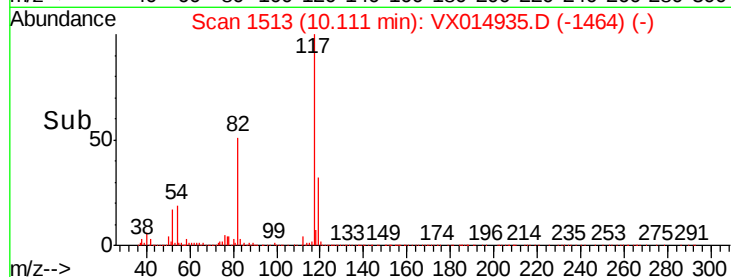
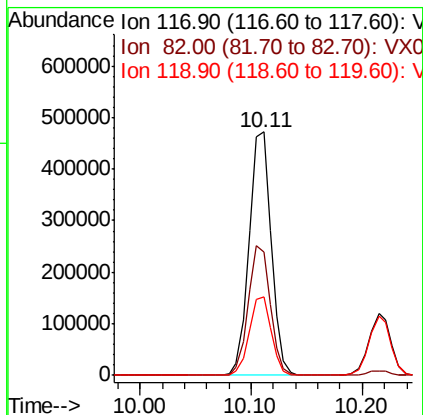
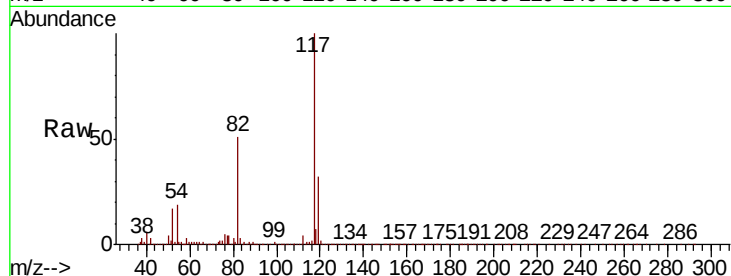




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

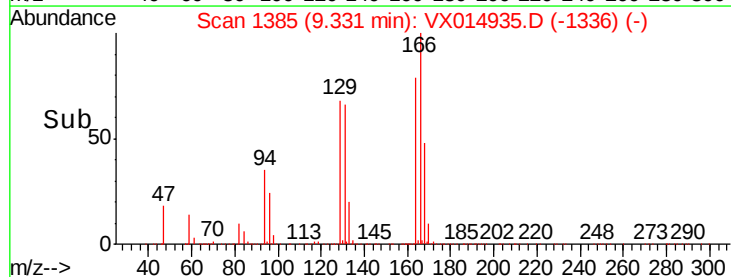
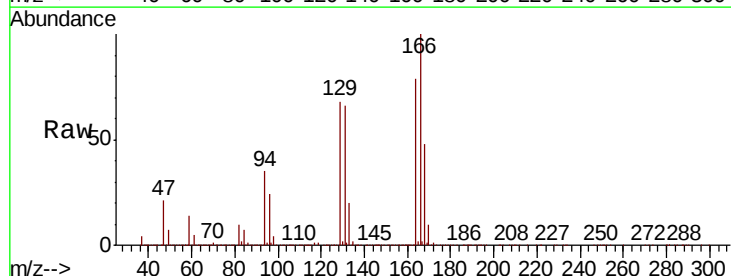
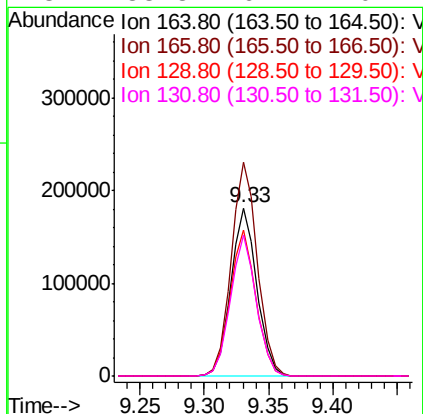
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.5	60.7
119	32.1	25.8	38.6



#64
Tetrachloroethene
Concen: 41.652 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.6	153.8
129	86.8	68.3	102.5
131	83.8	67.4	101.2

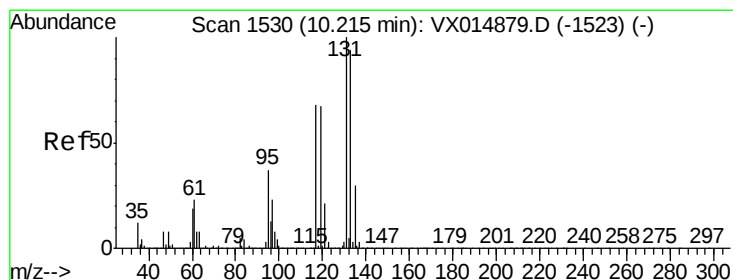
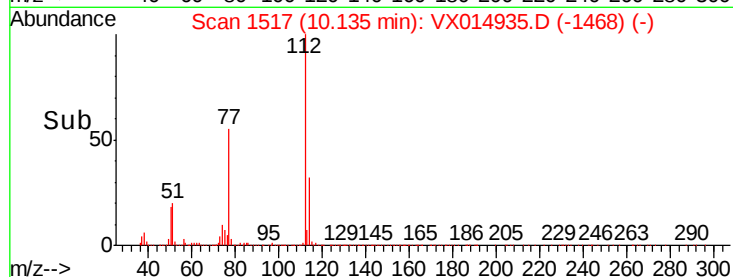
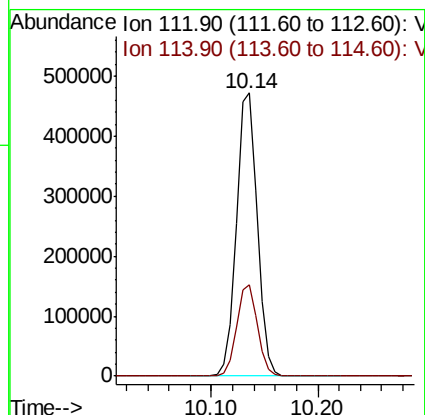
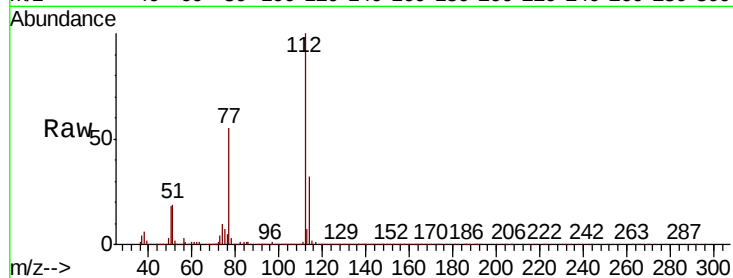




#65
Chlorobenzene
Concen: 49.064 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

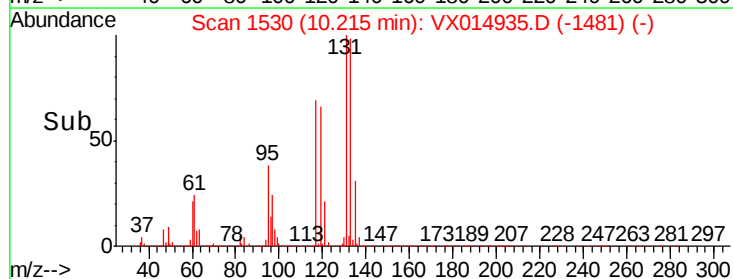
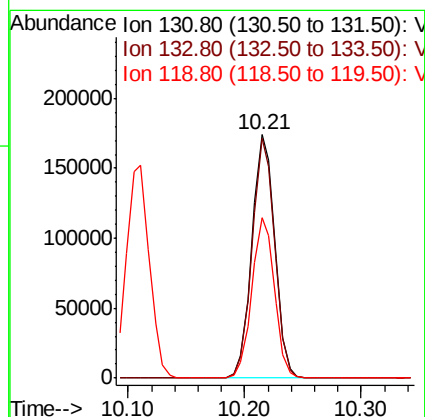
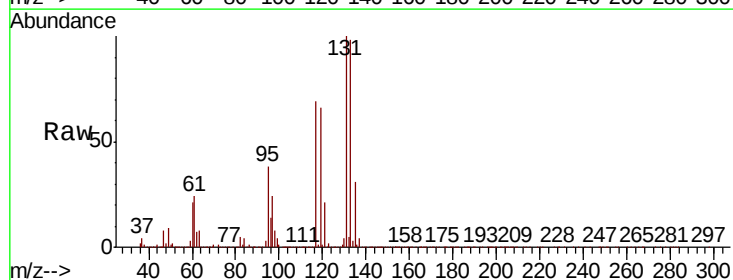
Instrument :
MSVOA_X
ClientSampleId :

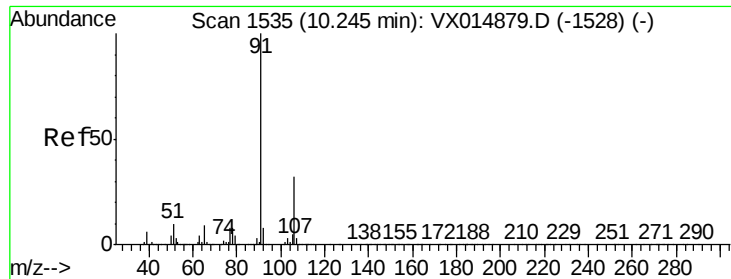
Tot Ion:112 Resp: 649729
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.817 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion:131 Resp: 239501
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.4
119 64.7 33.0 99.0





#67

Ethyl Benzene

Concen: 50.796 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

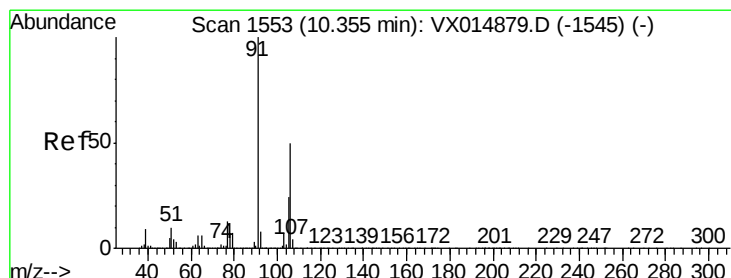
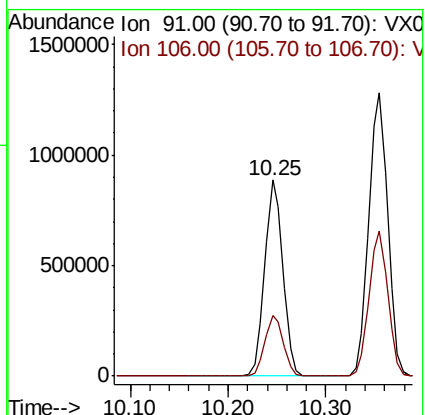
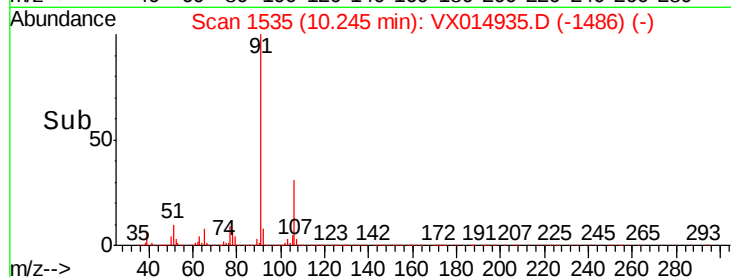
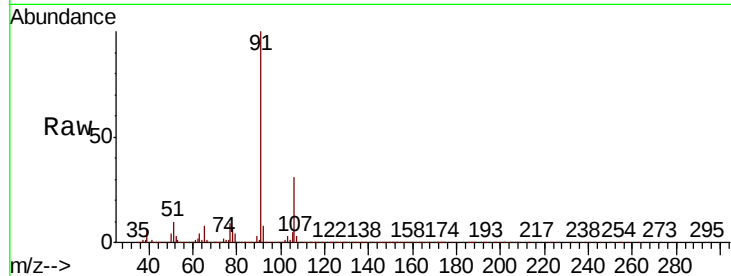
ClientSampleId :

Tot Ion: 91 Resp: 1143989

Ion Ratio Lower Upper

91 100

106 30.6 25.3 37.9



#68

m/p-Xylenes

Concen: 101.238 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014935.D

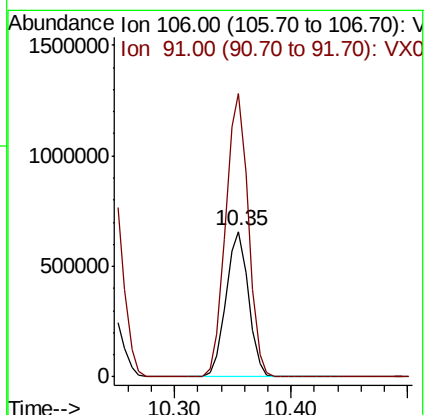
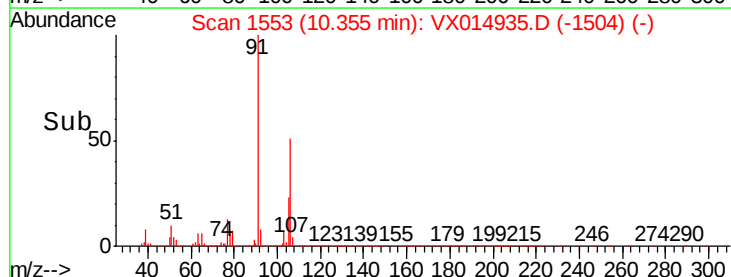
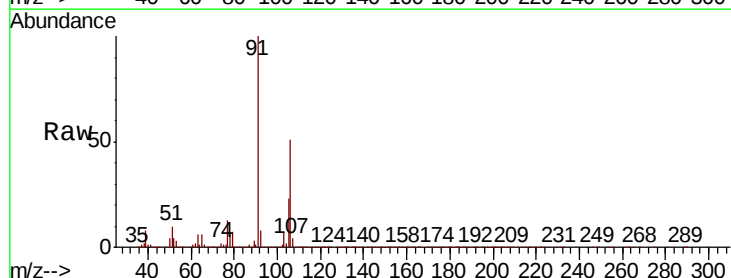
Acq: 12 Feb 2020 18:47

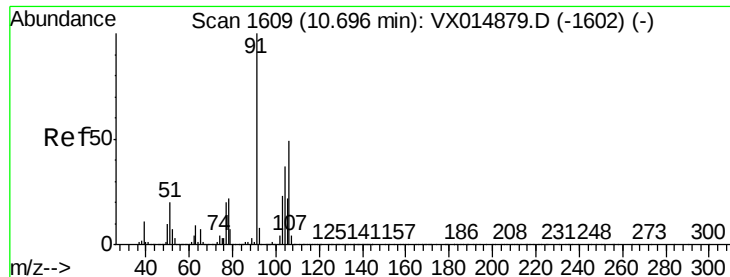
Tgt Ion: 106 Resp: 878334

Ion Ratio Lower Upper

106 100

91 196.5 160.6 240.8

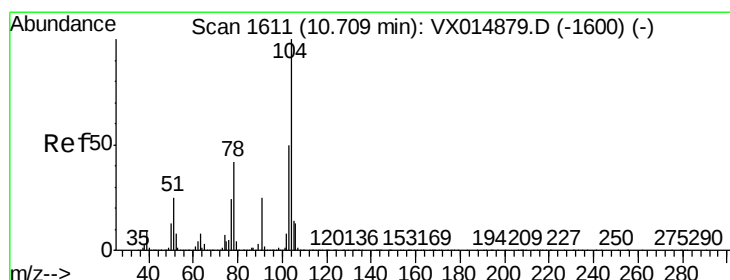
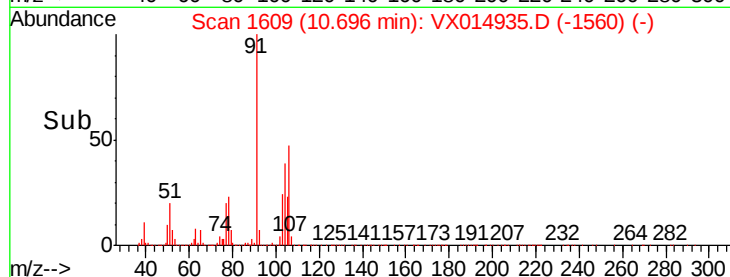
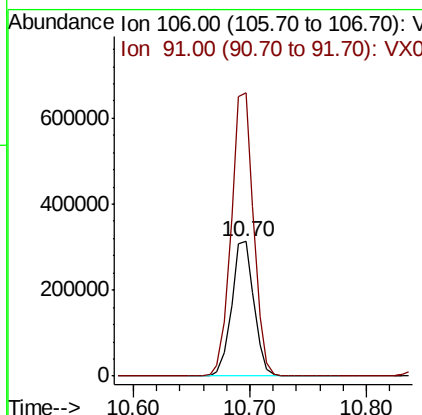
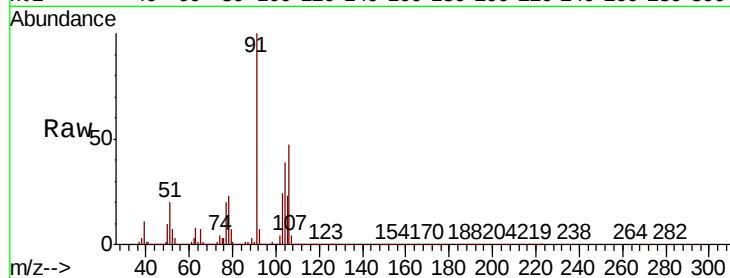




#69
o-Xylene
Concen: 49.899 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

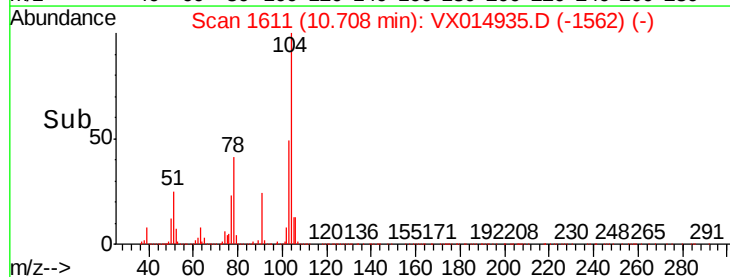
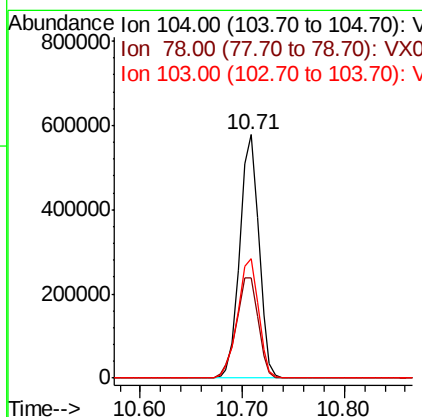
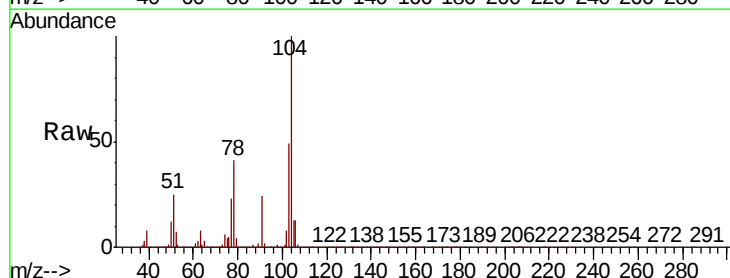
Instrument :
MSVOA_X
ClientSampleId :

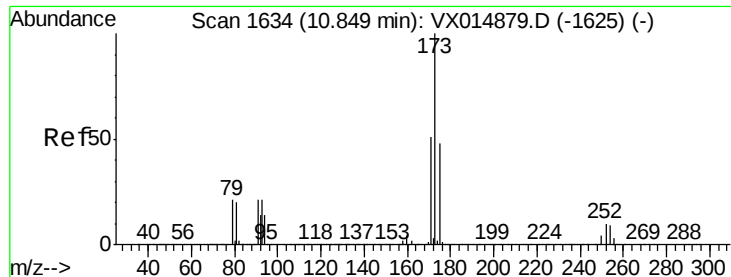
Tot Ion:106 Resp: 416154
Ion Ratio Lower Upper
106 100
91 211.2 105.1 315.3



#70
Styrene
Concen: 52.624 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion:104 Resp: 742469
Ion Ratio Lower Upper
104 100
78 47.7 39.0 58.4
103 53.7 43.4 65.0

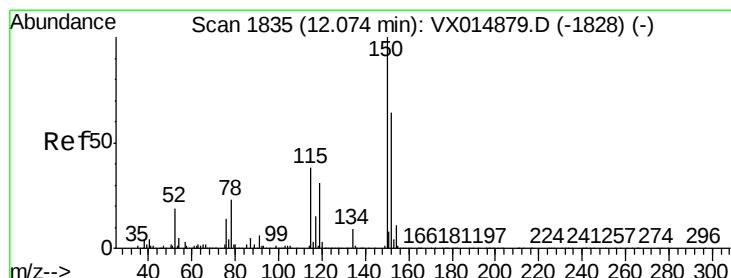
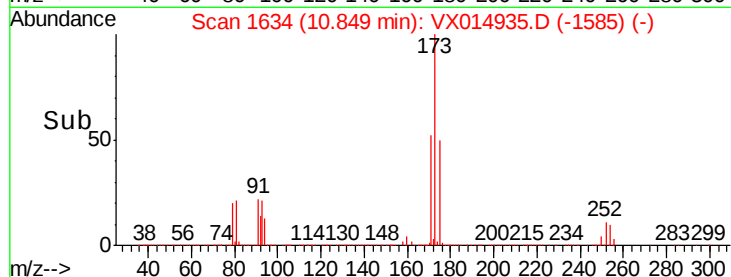
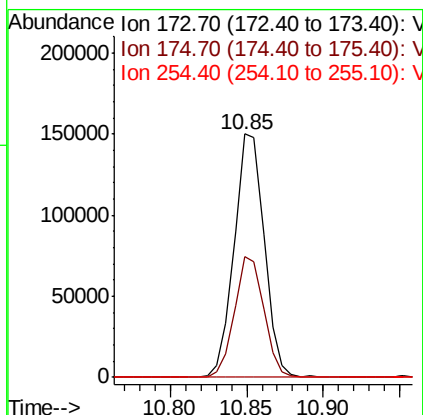
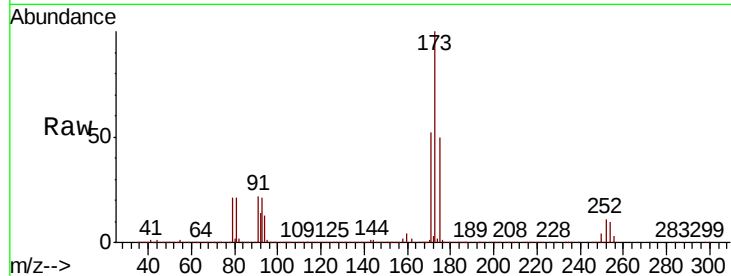




#71
Bromoform
Concen: 50.831 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

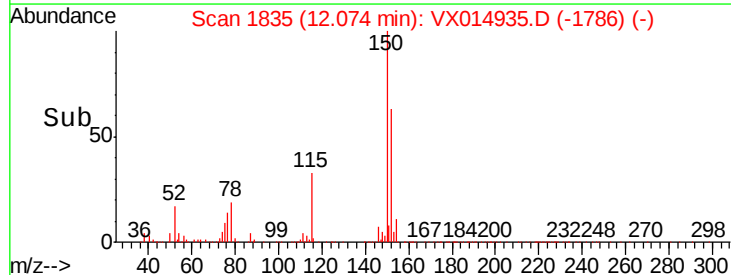
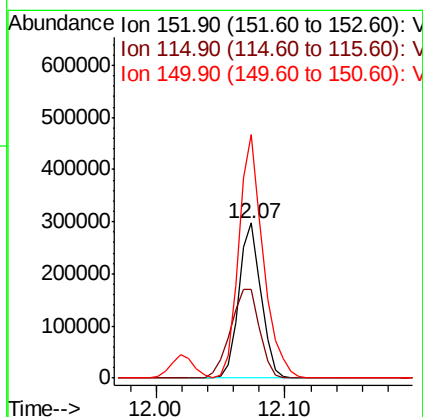
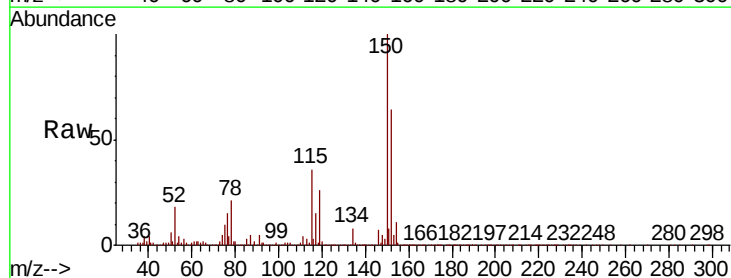
Instrument :
MSVOA_X
ClientSampled :

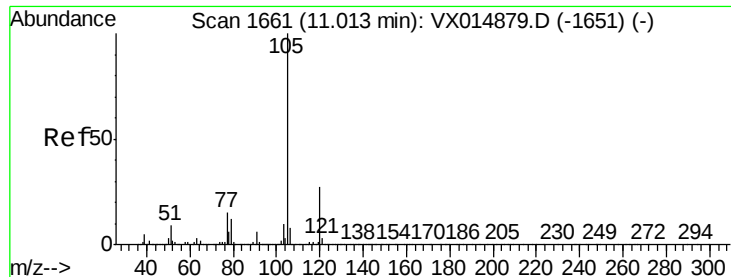
Tot Ion:173 Resp: 203981
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion:152 Resp: 352911
Ion Ratio Lower Upper
152 100
115 75.7 38.6 116.0
150 172.6 0.0 349.0





#73

Isopropylbenzene

Concen: 50.054 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

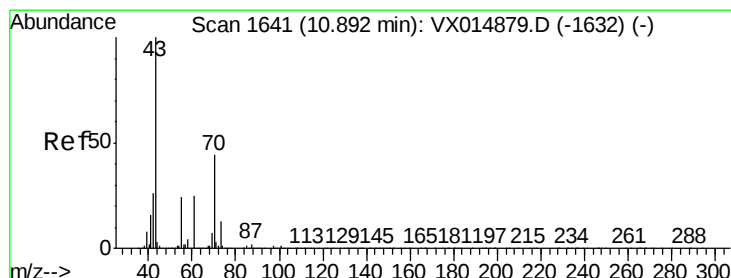
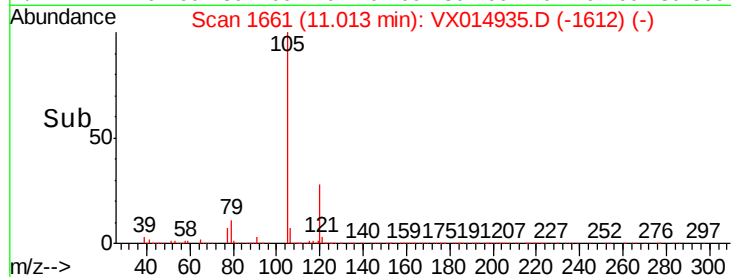
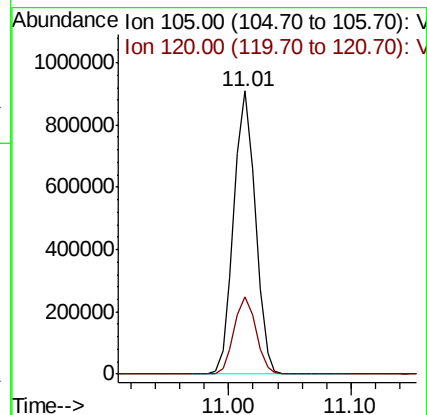
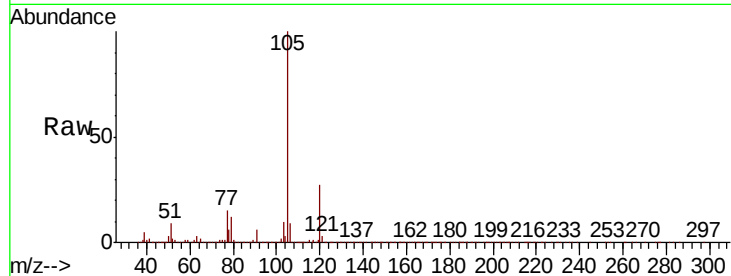
ClientSampled :

Tot Ion:105 Resp: 1107773

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.8



#74

N-ethyl acetate

Concen: 56.885 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Tgt Ion: 43 Resp: 523094

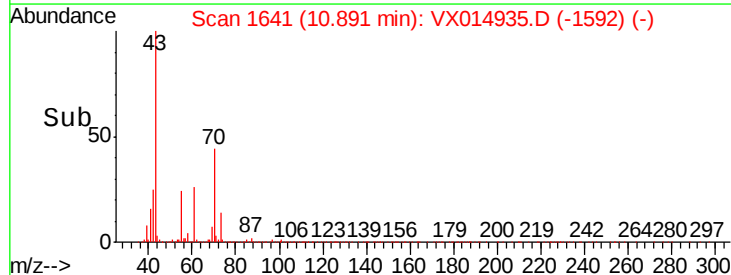
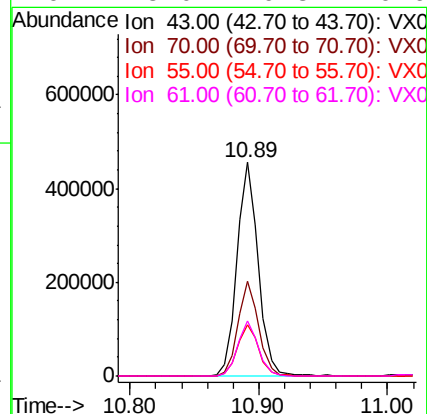
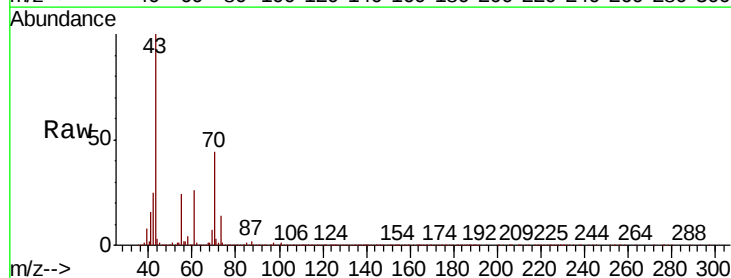
Ion Ratio Lower Upper

43 100

70 43.2 35.0 52.4

55 23.9 19.4 29.2

61 25.0 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.891 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

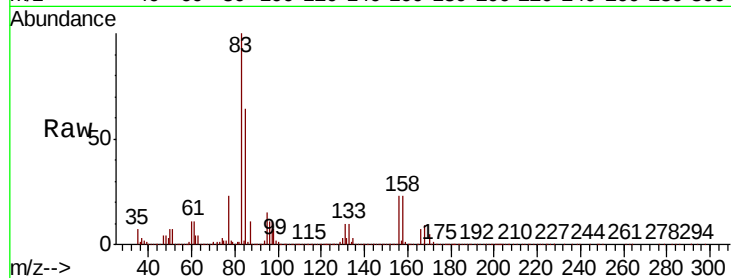
Tot Ion: 83 Resp: 360941

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

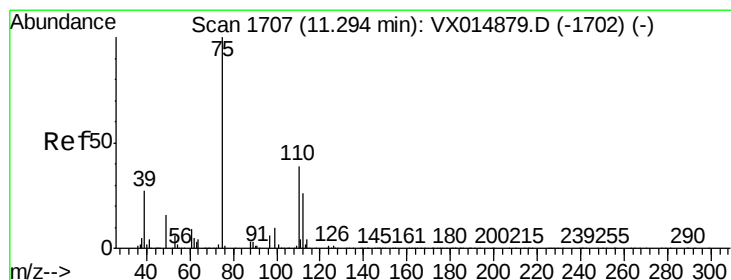
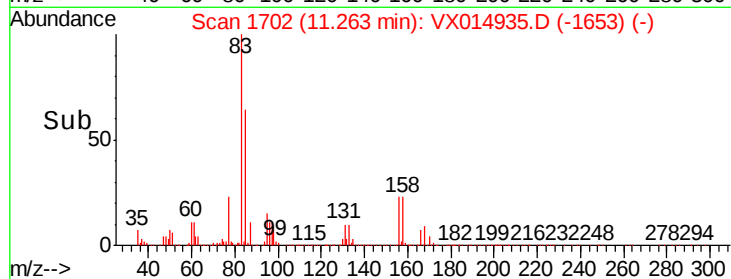
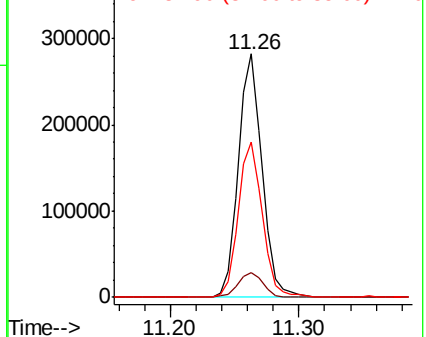
85 64.7 32.6 97.7



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: 66.837 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014935.D

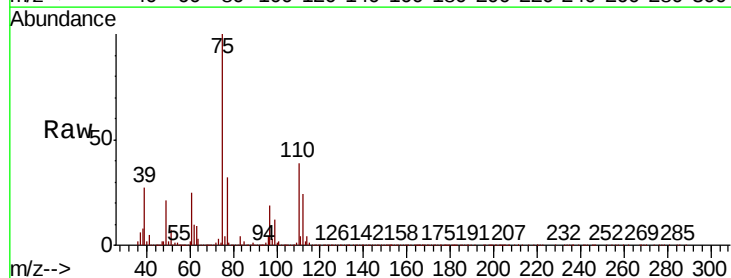
Acq: 12 Feb 2020 18:47

Tgt Ion: 75 Resp: 426541

Ion Ratio Lower Upper

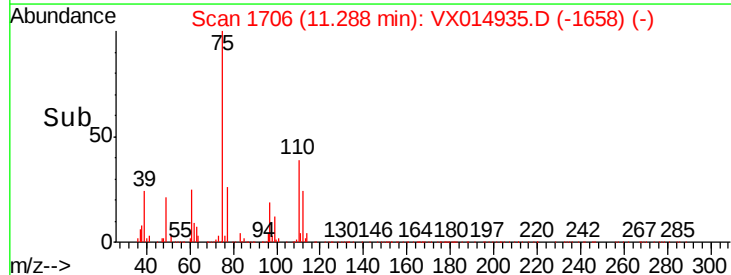
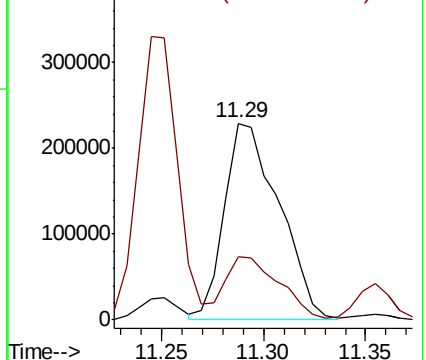
75 100

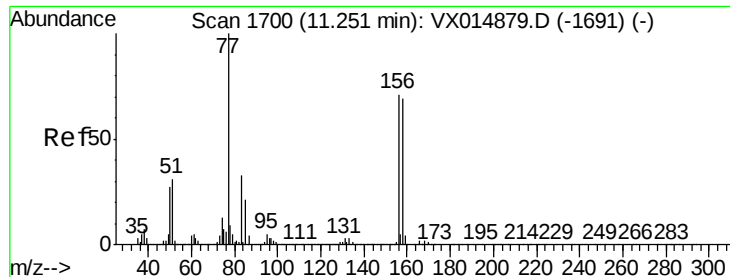
77 32.2 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.930 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

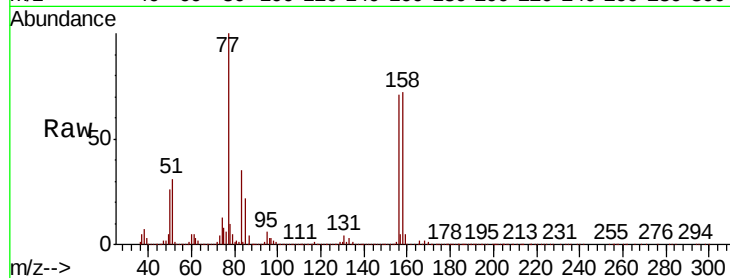
Tot Ion:156 Resp: 302247

Ion Ratio Lower Upper

156 100

77 144.9 74.0 222.0

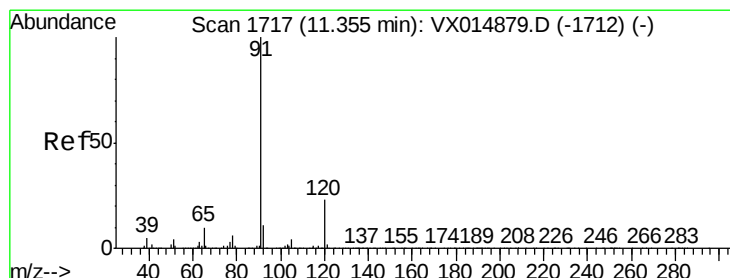
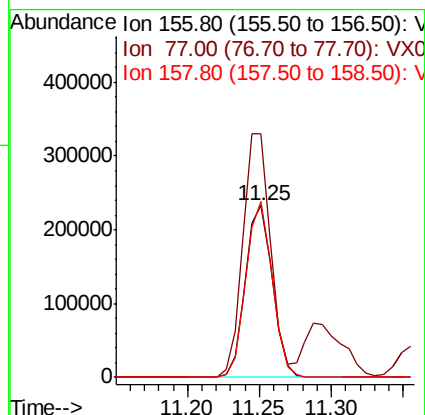
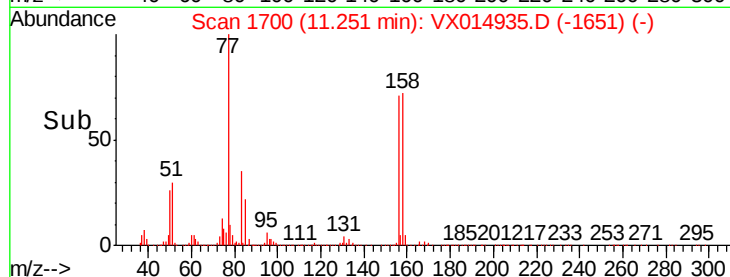
158 99.4 48.9 146.6



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: 50.337 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014935.D

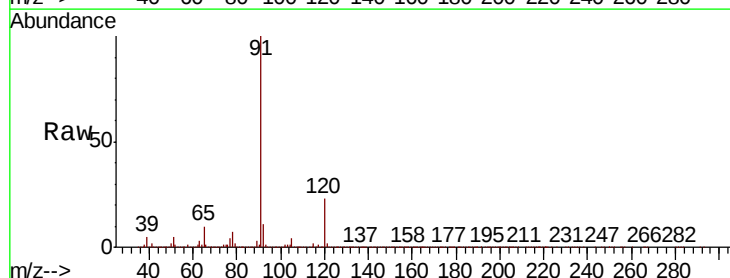
Acq: 12 Feb 2020 18:47

Tgt Ion: 91 Resp: 1288479

Ion Ratio Lower Upper

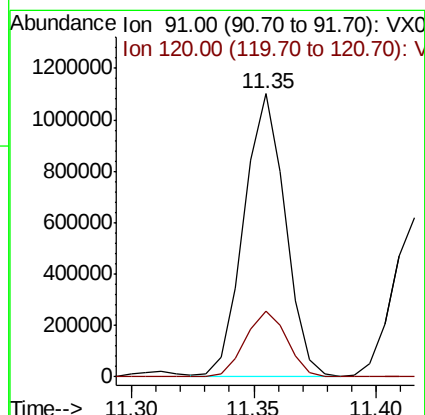
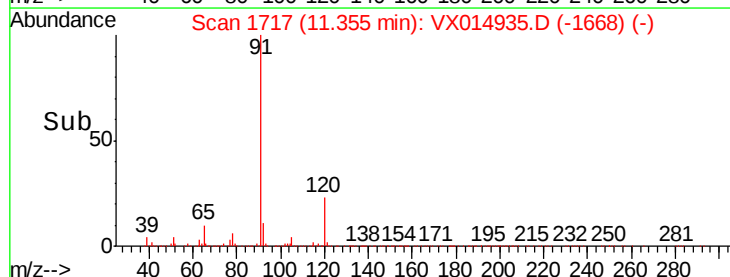
91 100

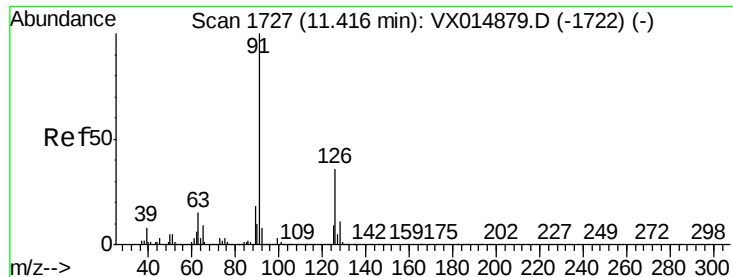
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

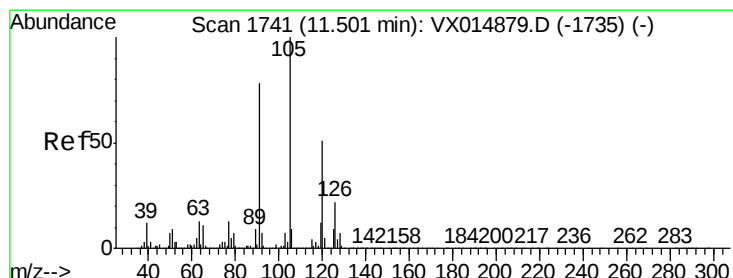
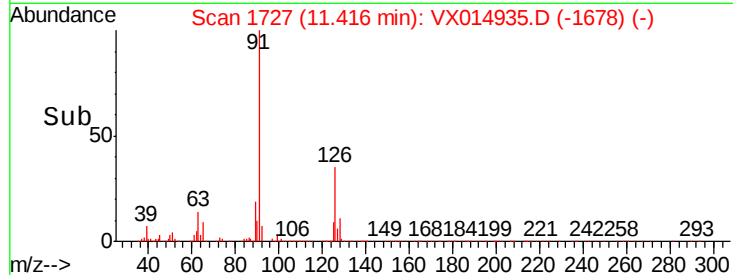
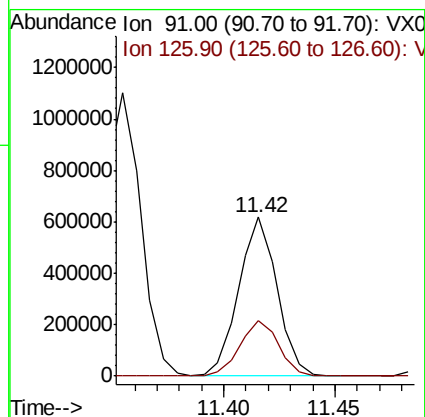
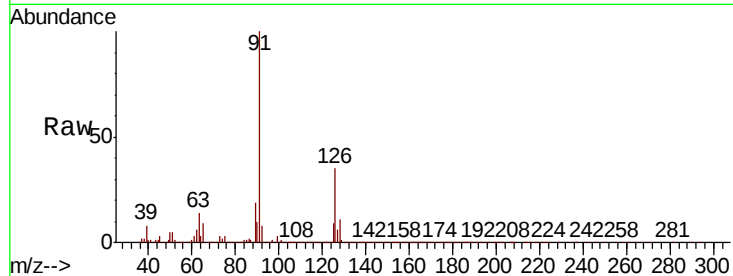




#79
 2-Chlorotoluene
 Concen: 49.193 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX014935.D
 Acq: 12 Feb 2020 18:47

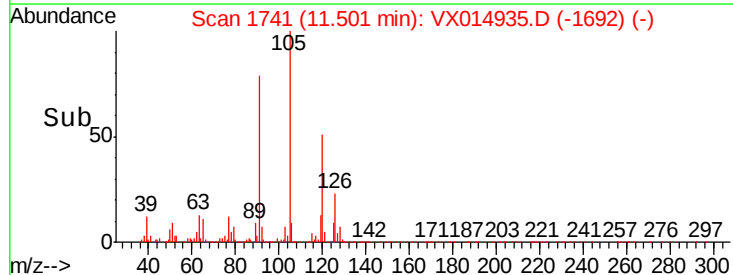
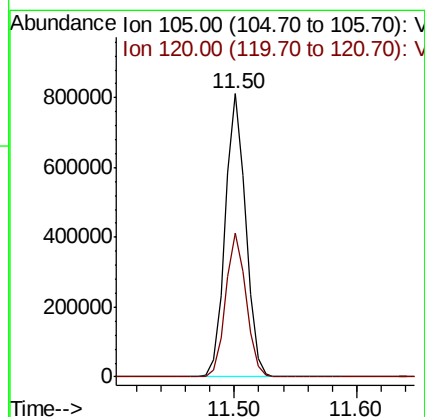
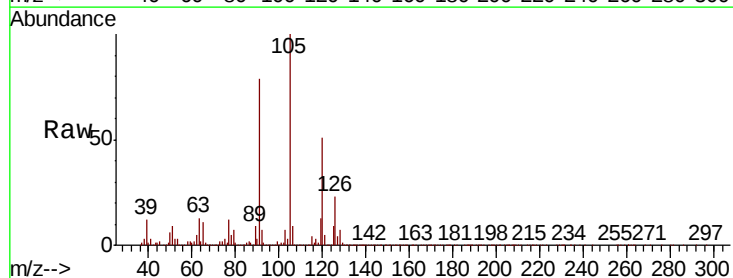
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 740281
 Ion Ratio Lower Upper
 91 100
 126 35.6 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 50.555 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014935.D
 Acq: 12 Feb 2020 18:47

Tgt Ion: 105 Resp: 934863
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.6 76.6

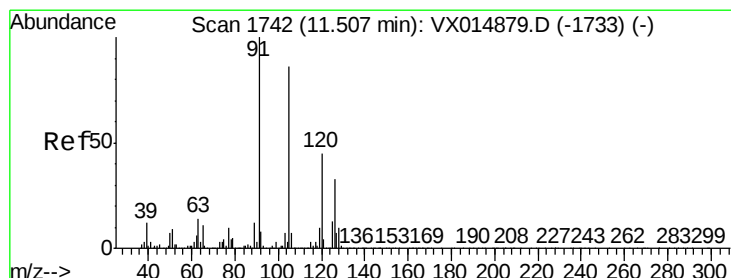
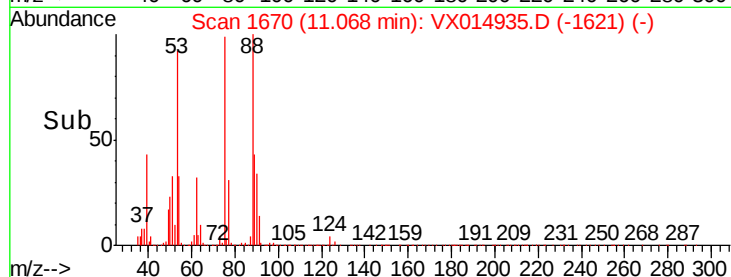
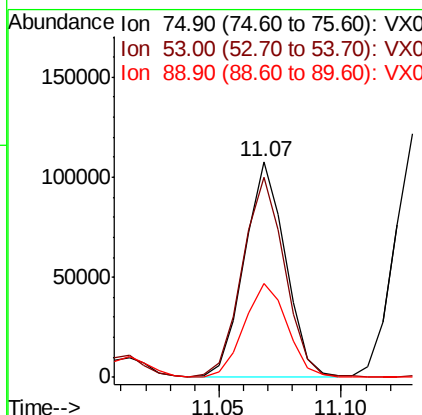
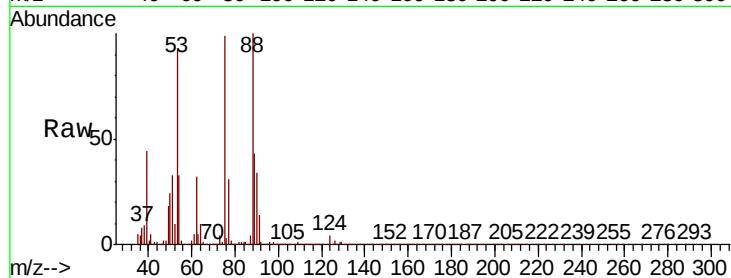




#81
trans-1,4-Dichloro-2-butene
Concen: 50.407 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

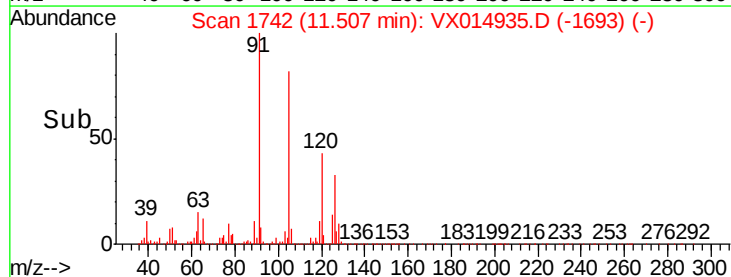
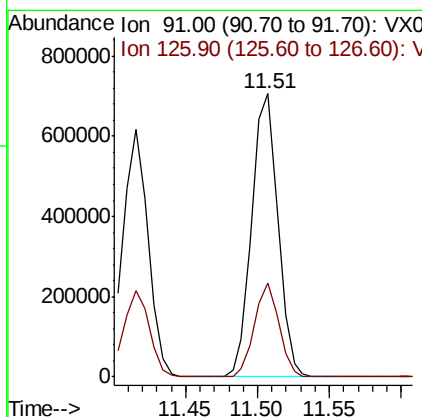
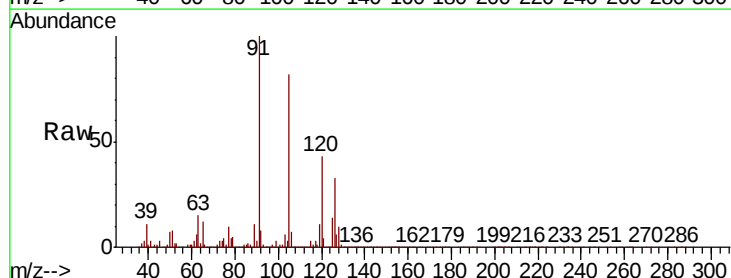
Instrument :
MSVOA_X
ClientSampleId :

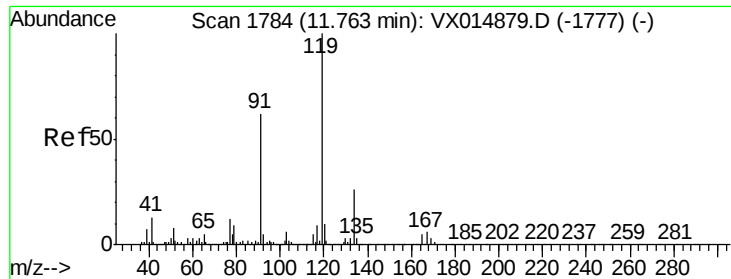
Tot Ion: 75 Resp: 125673
Ion Ratio Lower Upper
75 100
53 95.0 76.2 114.2
89 46.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 49.445 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion: 91 Resp: 881149
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.0

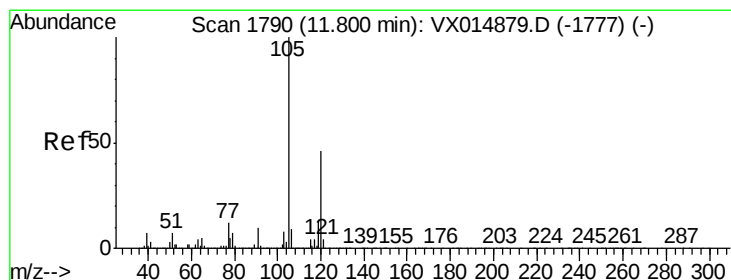
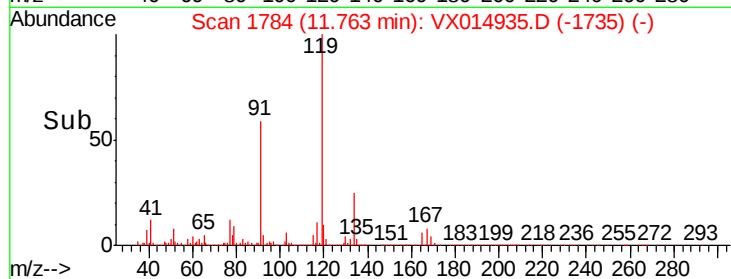
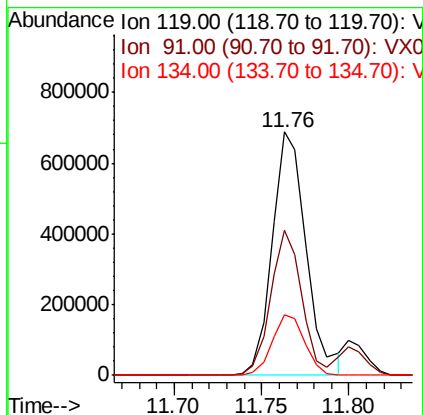
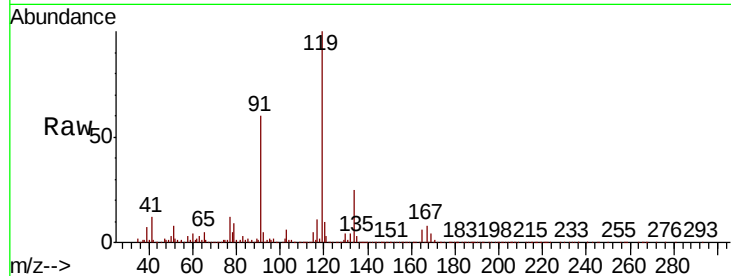




#83
tert-Butylbenzene
Concen: 53.271 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

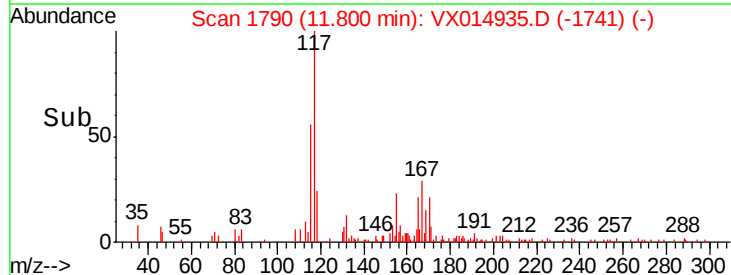
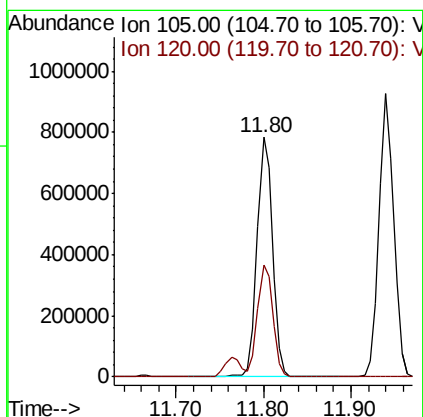
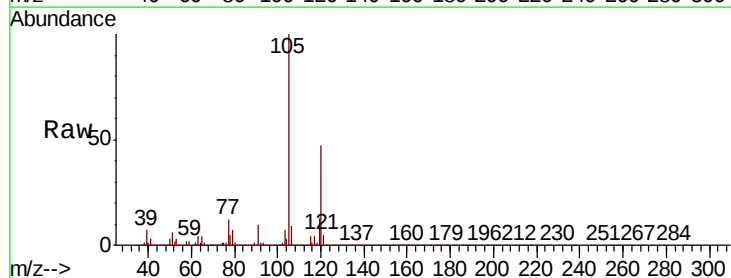
Instrument :
MSVOA_X
ClientSampleId :

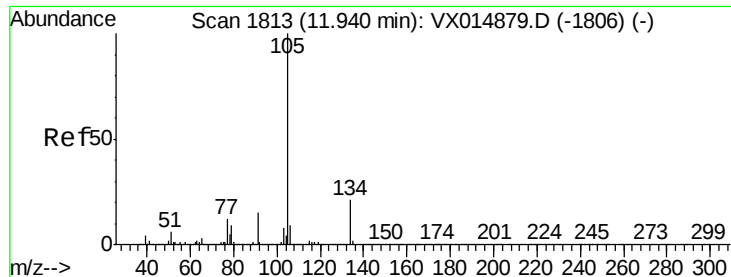
Tot Ion	Ratio	Lower	Upper
119	100		
91	54.7	29.5	88.6
134	23.8	12.6	37.6



#84
1,2,4-Trimethylbenzene
Concen: 50.978 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.0	69.0





#85

sec-Butylbenzene

Concen: 49.982 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

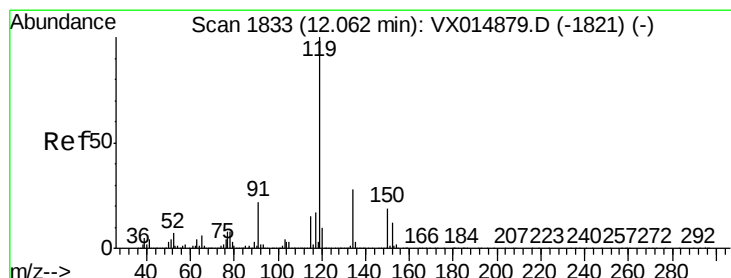
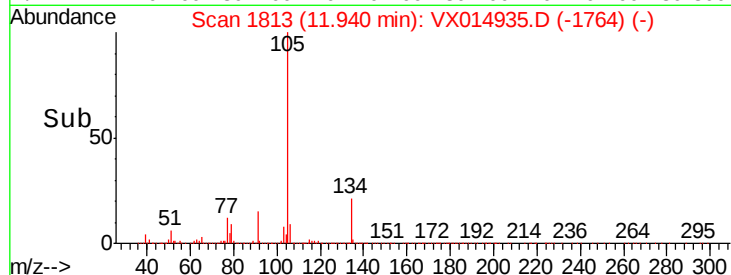
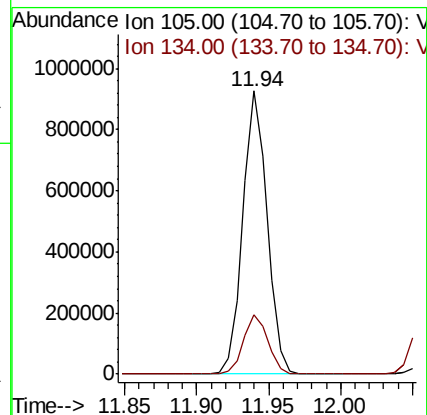
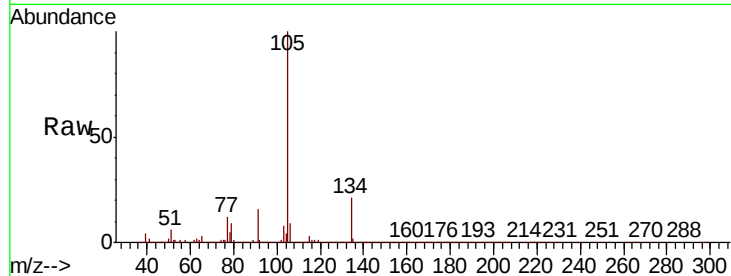
ClientSampleId :

Tot Ion:105 Resp: 1087293

Ion Ratio Lower Upper

105 100

134 21.1 10.6 31.8



#86

p-Isopropyltoluene

Concen: 49.955 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

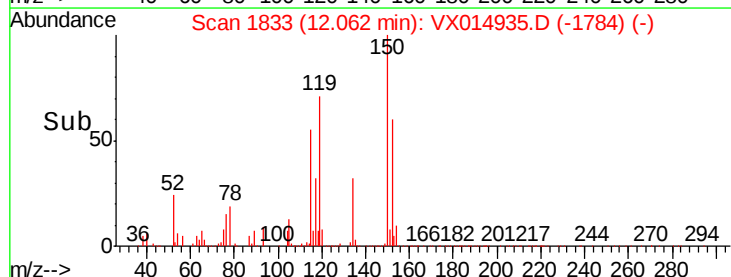
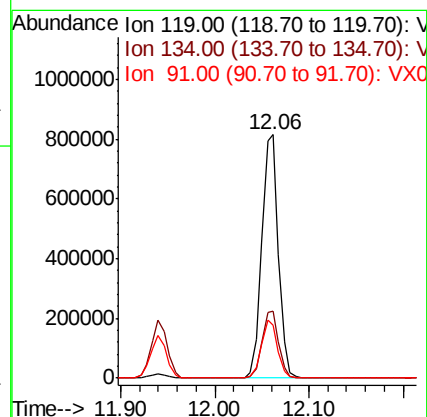
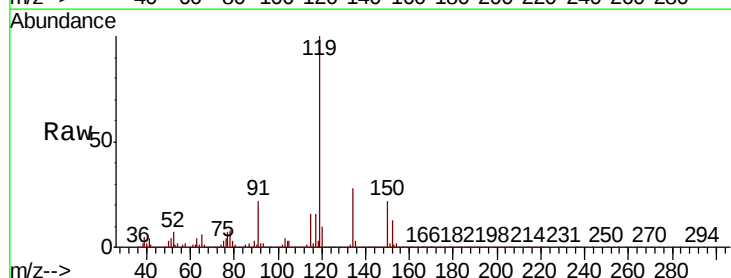
Tgt Ion:119 Resp: 1016933

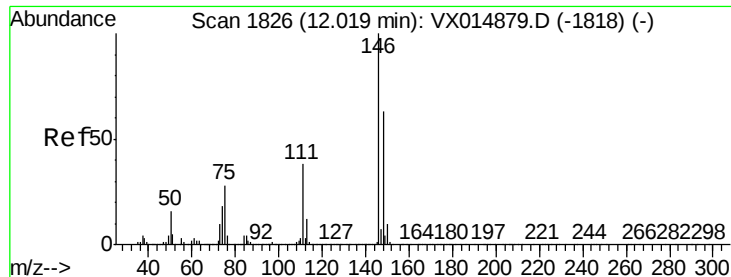
Ion Ratio Lower Upper

119 100

134 27.6 13.5 40.5

91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 49.399 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

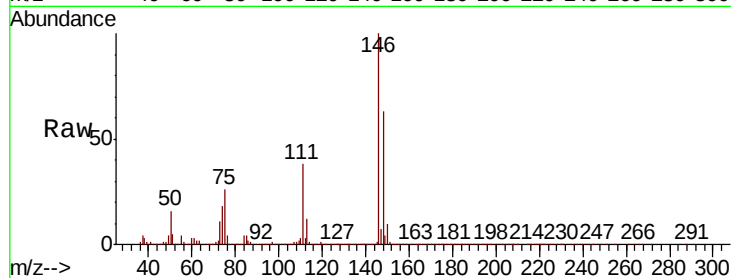
Tot Ion:146 Resp: 547421

Ion Ratio Lower Upper

146 100

111 37.4 18.6 56.0

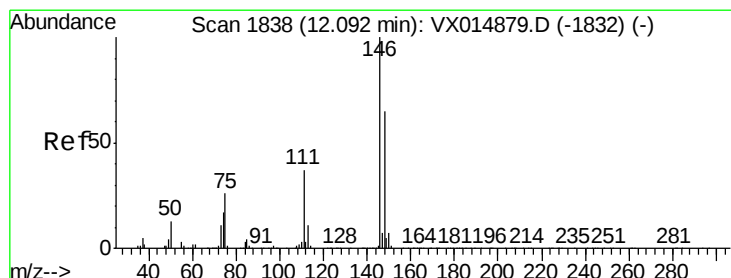
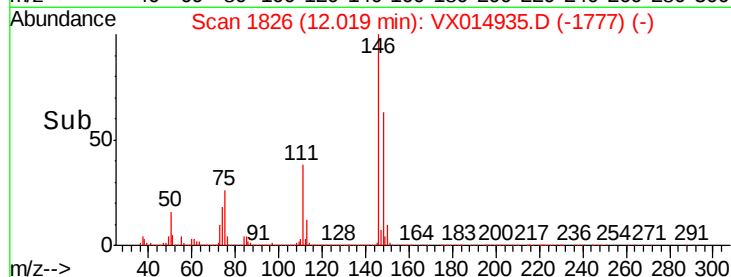
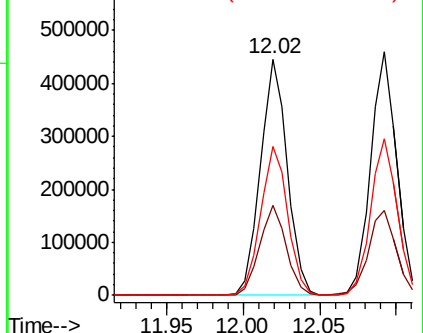
148 63.7 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 48.204 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

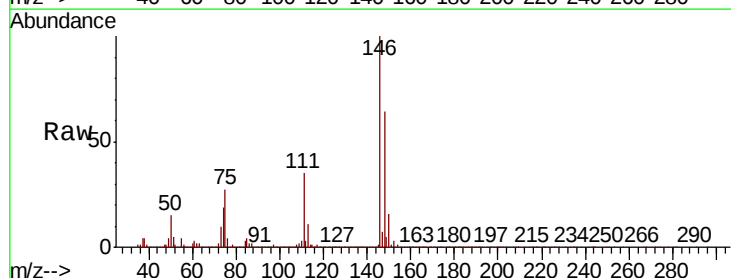
Tgt Ion:146 Resp: 545493

Ion Ratio Lower Upper

146 100

111 37.0 18.6 55.6

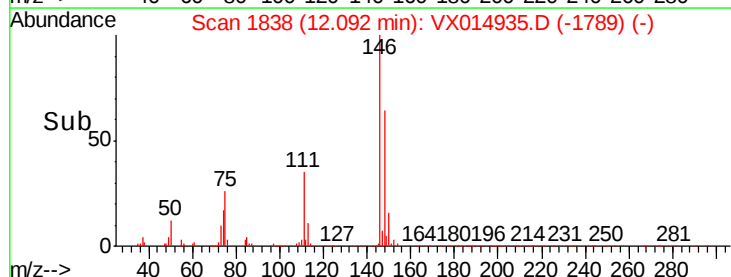
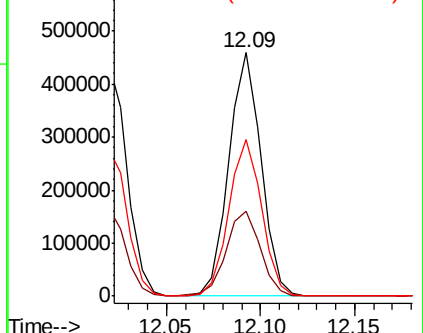
148 65.3 32.4 97.0

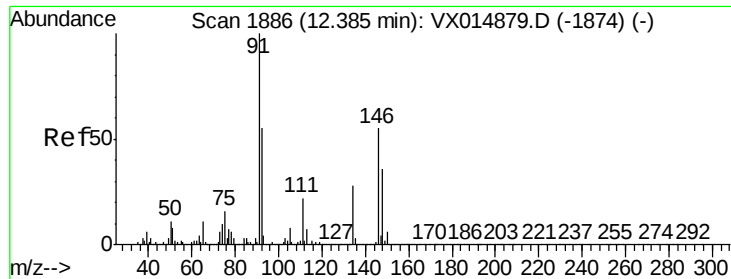


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.994 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

ClientSampled :

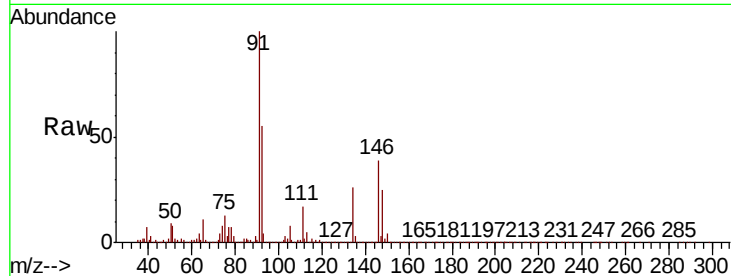
Tot Ion: 91 Resp: 929715

Ion Ratio Lower Upper

91 100

92 55.1 27.3 81.8

134 28.0 13.8 41.4



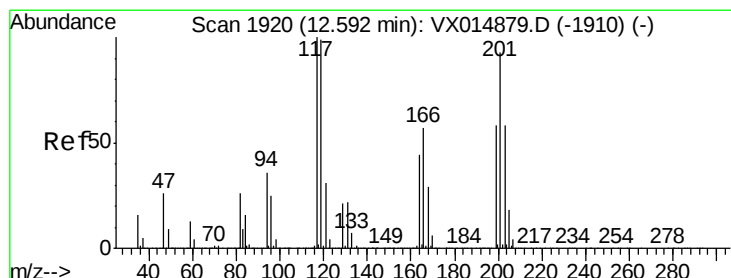
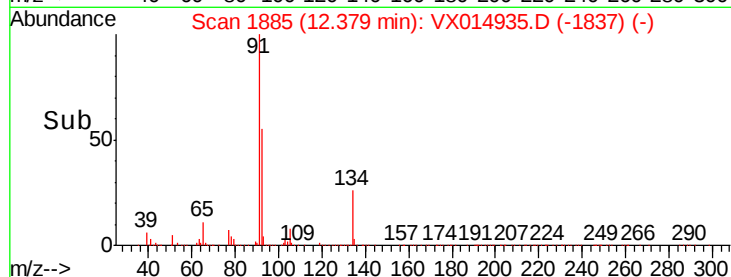
Abundance Ion 91.00 (90.70 to 91.70): VX014879.D (-1874) (-)

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

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

12.38

Time-->



#90

Hexachloroethane

Concen: 49.803 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014935.D

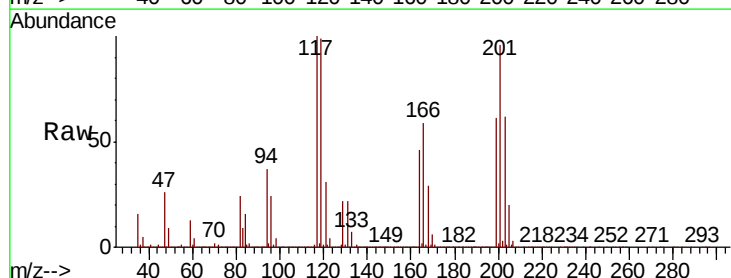
Acq: 12 Feb 2020 18:47

Tgt Ion: 117 Resp: 177051

Ion Ratio Lower Upper

117 100

201 90.6 44.8 134.3

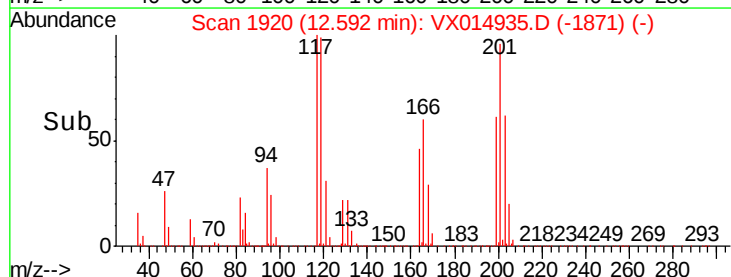


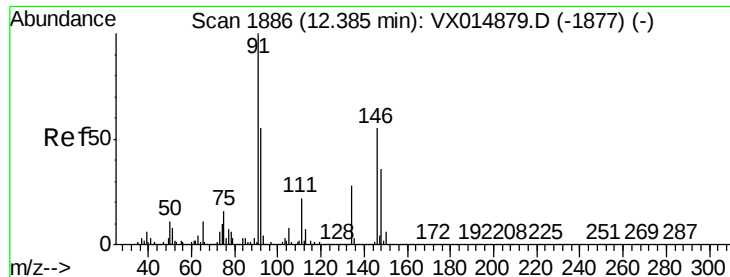
Abundance Ion 116.80 (116.50 to 117.50): VX014879.D (-1910) (-)

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

12.59

Time-->





#91

1,2-Dichlorobenzene

Concen: 48.437 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

Instrument :

MSVOA_X

ClientSampled :

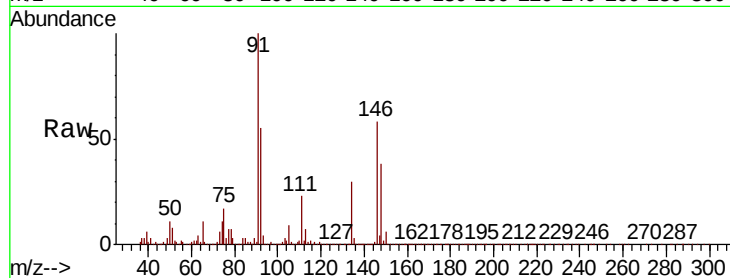
Tot Ion:146 Resp: 526381

Ion Ratio Lower Upper

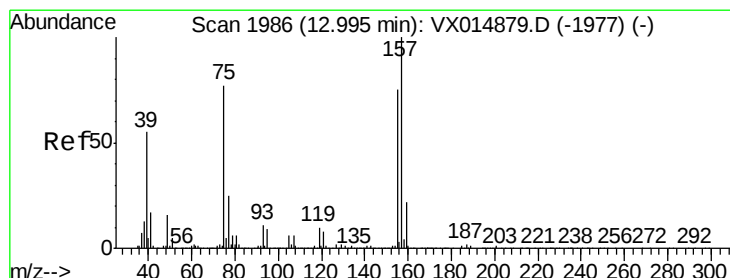
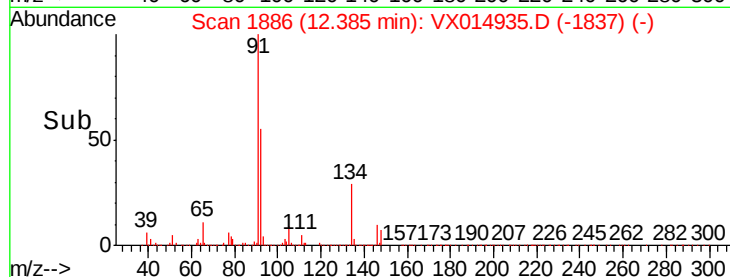
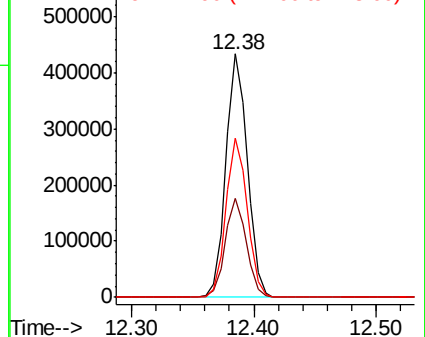
146 100

111 39.9 19.8 59.3

148 64.8 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.336 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014935.D

Acq: 12 Feb 2020 18:47

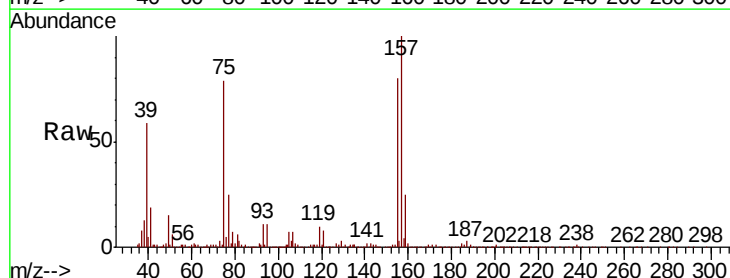
Tgt Ion: 75 Resp: 82039

Ion Ratio Lower Upper

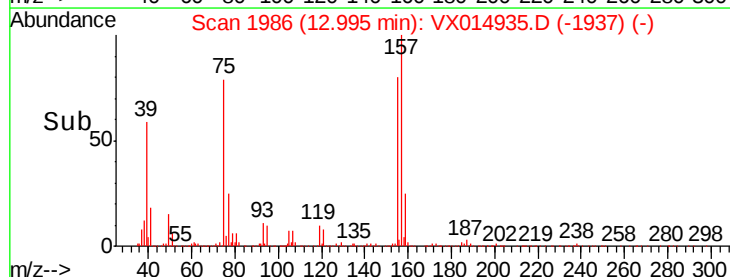
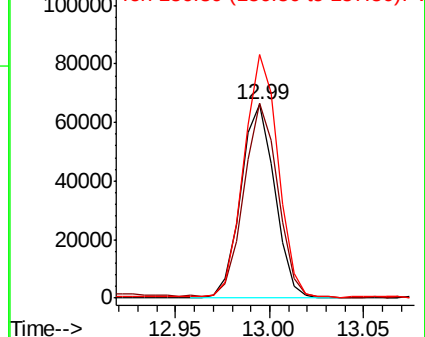
75 100

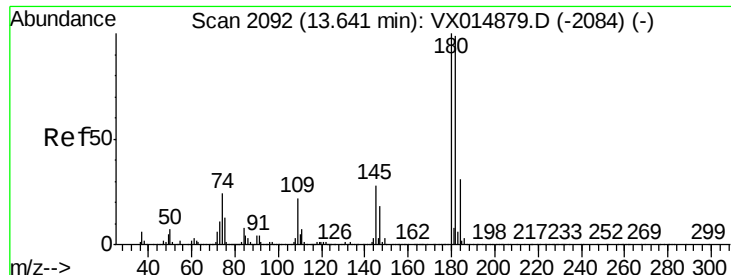
155 101.0 48.6 145.9

157 126.5 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

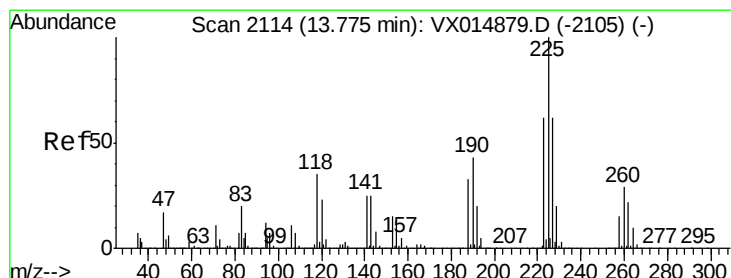
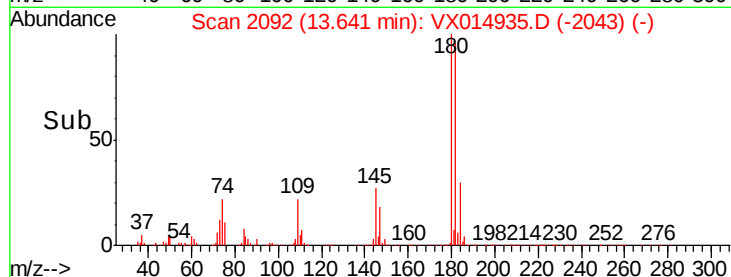
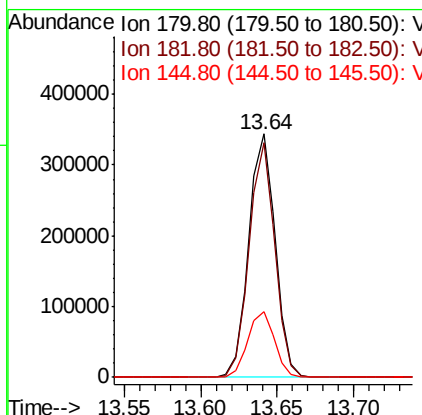
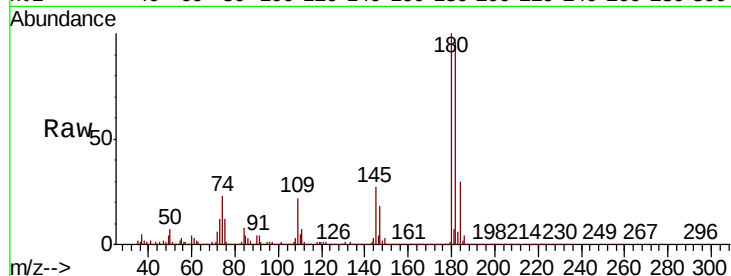




#93
 1,2,4-Trichlorobenzene
 Concen: 51.335 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014935.D
 Acq: 12 Feb 2020 18:47

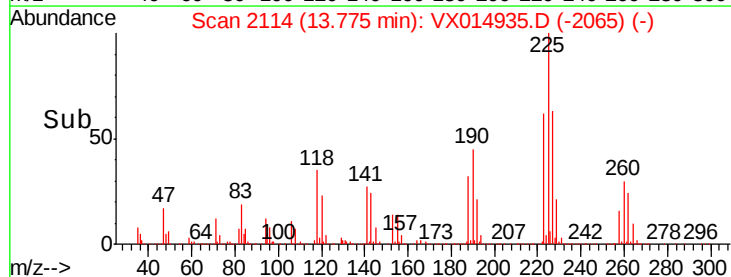
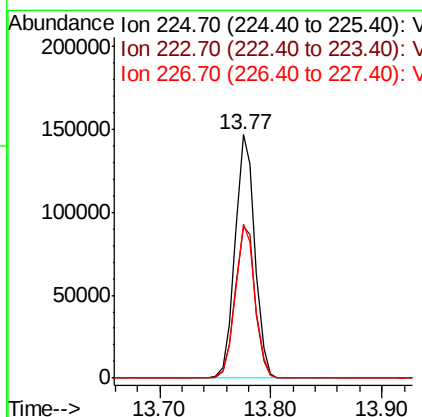
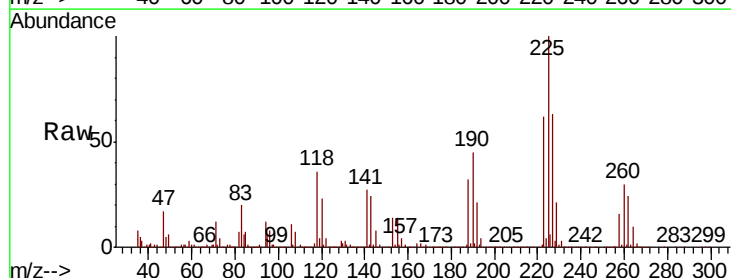
Instrument :
 MSVOA_X
 ClientSampleId :

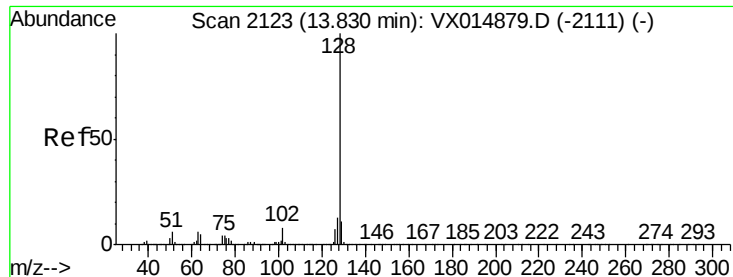
Tot Ion:180 Resp: 411773
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.4 145.3
 145 27.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 46.131 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014935.D
 Acq: 12 Feb 2020 18:47

Tgt Ion:225 Resp: 178978
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.1 93.2
 227 62.5 30.9 92.5

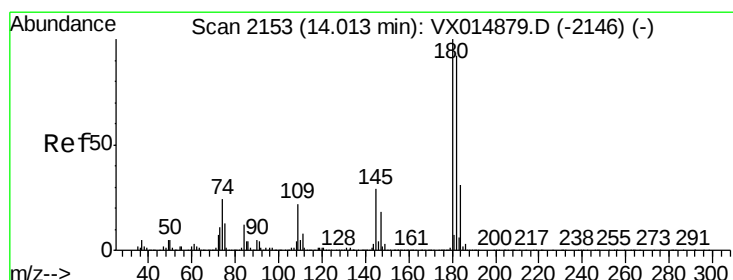
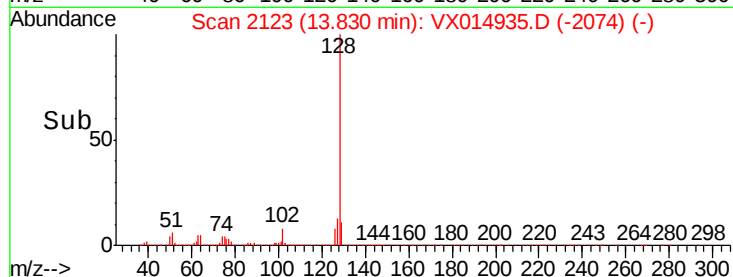
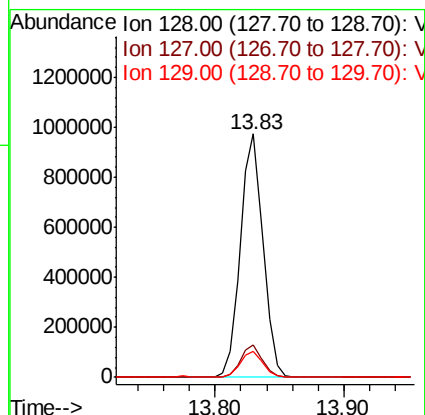
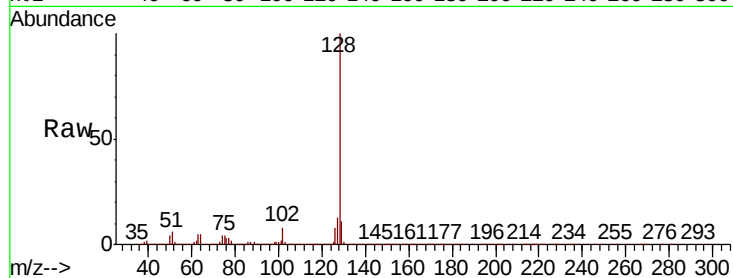




#95
Naphthalene
Concen: 55.632 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1186475
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.900 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014935.D
Acq: 12 Feb 2020 18:47

Tgt Ion:180 Resp: 394455
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 30.2 14.5 43.5

