

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021420\
 Data File : VX014940.D
 Acq On : 14 Feb 2020 11:07
 Operator : JC/SP
 Sample : VX0214WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 14 22:09:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	441508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	642134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	598209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	243889	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	5.48	113	199672	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.71	98	756888	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	279522	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	80637	19.286	ug/l	100
3) Chloromethane	1.32	50	90120	19.011	ug/l	99
4) Vinyl Chloride	1.40	62	93330	18.277	ug/l	100
5) Bromomethane	1.64	94	64462	19.502	ug/l	97
6) Chloroethane	1.72	64	61311	18.764	ug/l	100
7) Trichlorofluoromethane	1.93	101	136441	19.124	ug/l	98
8) Diethyl Ether	2.18	74	56156	18.980	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79200	19.124	ug/l	99
10) Methyl Iodide	2.50	142	88554	21.873	ug/l	99
11) Tert butyl alcohol	3.01	59	86715	98.565	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75477	18.651	ug/l	99
13) Acrolein	2.28	56	44911	66.978	ug/l	97
14) Allyl chloride	2.72	41	132907	18.524	ug/l	99
15) Acrylonitrile	3.12	53	212485	95.272	ug/l	97
16) Acetone	2.43	43	236422	80.939	ug/l	100
17) Carbon Disulfide	2.56	76	198453	17.551	ug/l	100
18) Methyl Acetate	2.76	43	98170	19.562	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	259248	19.684	ug/l	99
20) Methylene Chloride	2.85	84	87226	18.198	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	82017	18.367	ug/l	98
22) Diisopropyl ether	3.84	45	270357	19.729	ug/l	90
23) Vinyl Acetate	3.80	43	1149667	101.772	ug/l	99
24) 1,1-Dichloroethane	3.69	63	144075	18.629	ug/l	99
25) 2-Butanone	4.65	43	313586	92.442	ug/l	98
26) 2,2-Dichloropropane	4.57	77	124779	18.721	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	92406	18.512	ug/l	98
28) Bromochloromethane	5.00	49	59280	19.775	ug/l	98
29) Tetrahydrofuran	5.11	42	187371	97.165	ug/l	99
30) Chloroform	5.20	83	147279	19.194	ug/l	98
31) Cyclohexane	5.56	56	129839	18.432	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	125019	18.626	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110795	19.289	ug/l	100
37) Ethyl Acetate	4.81	43	116076	19.375	ug/l	99
38) Carbon Tetrachloride	5.78	117	109178	19.504	ug/l	98

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 ClientSampleId :

Quant Time: Feb 14 22:09:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	138806	19.322	ug/l	97
40) Benzene	6.13	78	332364	19.366	ug/l	98
41) Methacrylonitrile	5.02	41	65354	20.249	ug/l	99
42) 1,2-Dichloroethane	6.18	62	122969	19.824	ug/l	99
43) Isopropyl Acetate	6.43	43	196880	19.921	ug/l	99
44) Trichloroethene	7.21	130	95110	19.090	ug/l	99
45) 1,2-Dichloropropane	7.50	63	86466	19.755	ug/l	100
46) Dibromomethane	7.65	93	57946	19.368	ug/l	99
47) Bromodichloromethane	7.89	83	116231	19.593	ug/l	96
48) Methyl methacrylate	7.76	41	95350	19.604	ug/l	98
49) 1,4-Dioxane	7.73	88	38872	427.465	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	591646	99.144	ug/l	100
52) Toluene	8.78	92	212460	19.491	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	127402	19.596	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	141543	19.708	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	87909	19.933	ug/l	98
56) Ethyl methacrylate	9.17	69	130837	19.738	ug/l	99
57) 1,3-Dichloropropane	9.36	76	147620	19.885	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	339928	98.054	ug/l	100
59) 2-Hexanone	9.48	43	465204	99.179	ug/l	100
60) Dibromochloromethane	9.57	129	93899	19.785	ug/l	98
61) 1,2-Dibromoethane	9.67	107	90037	18.922	ug/l	97
64) Tetrachloroethene	9.33	164	98540	17.618	ug/l	98
65) Chlorobenzene	10.13	112	235083	19.375	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86897	19.727	ug/l	99
67) Ethyl Benzene	10.25	91	402528	19.507	ug/l	100
68) m/p-Xylenes	10.35	106	311649	39.205	ug/l	100
69) o-Xylene	10.69	106	148551	19.440	ug/l	97
70) Styrene	10.71	104	256492	19.841	ug/l	100
71) Bromoform	10.85	173	72994	19.853	ug/l #	99
73) Isopropylbenzene	11.01	105	401613	20.130	ug/l	100
74) N-amyl acetate	10.89	43	165881	20.011	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	128785	19.747	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	146973	25.547	ug/l	93
77) Bromobenzene	11.25	156	110746	19.888	ug/l	97
78) n-propylbenzene	11.35	91	456008	19.762	ug/l	100
79) 2-Chlorotoluene	11.42	91	270308	19.926	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	336399	20.180	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41639	18.527	ug/l	95
82) 4-Chlorotoluene	11.51	91	311113	19.366	ug/l	98
83) tert-Butylbenzene	11.76	119	325451	20.617	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	336537	20.033	ug/l	99
85) sec-Butylbenzene	11.94	105	395042	20.145	ug/l	100
86) p-Isopropyltoluene	12.06	119	367659	20.035	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	195342	19.554	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	196095	19.222	ug/l	99
89) n-Butylbenzene	12.38	91	317979	19.347	ug/l	99
90) Hexachloroethane	12.59	117	64326	20.072	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	192108	19.610	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27169	17.757	ug/l	98

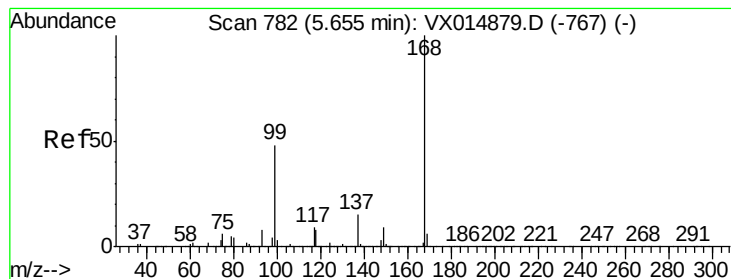
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021420\
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Quant Time: Feb 14 22:09:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141630	19.587	ug/l	97
94) Hexachlorobutadiene	13.78	225	69493	19.870	ug/l	98
95) Naphthalene	13.83	128	399650	20.787	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140746	20.147	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

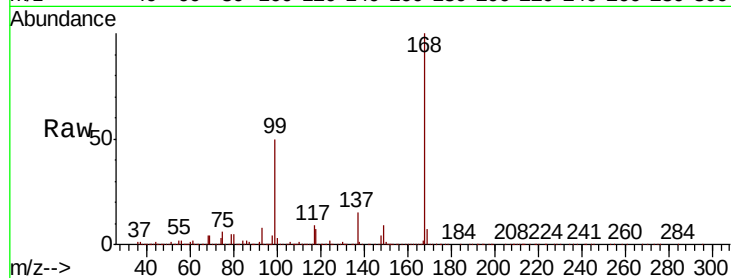
ClientSampleId :

Tot Ion:168 Resp: 441508

Ion Ratio Lower Upper

168 100

99 50.3 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

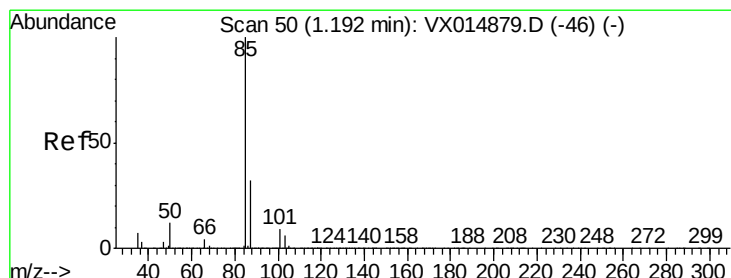
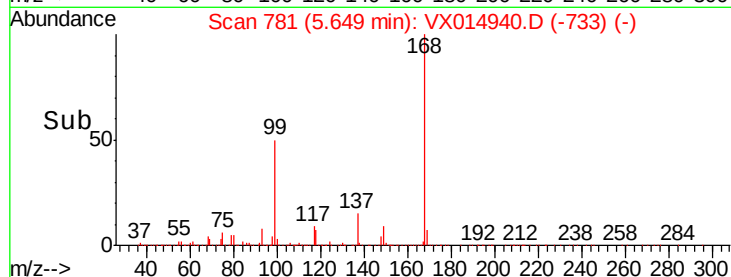
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.286 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014940.D

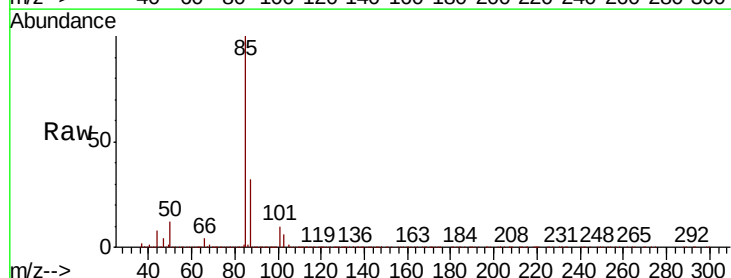
Acq: 14 Feb 2020 11:07

Tgt Ion: 85 Resp: 80637

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

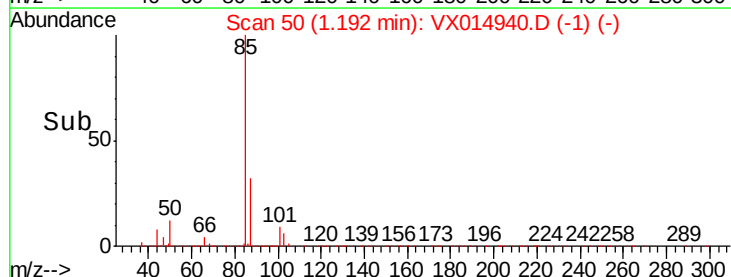
40000

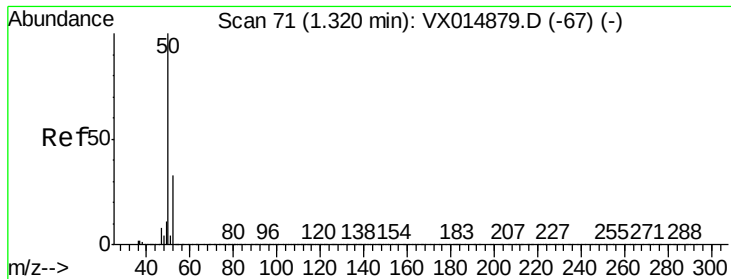
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.011 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

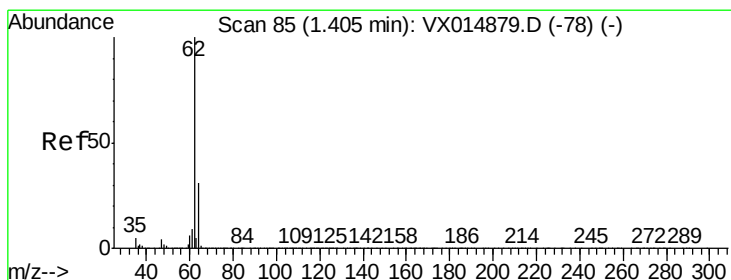
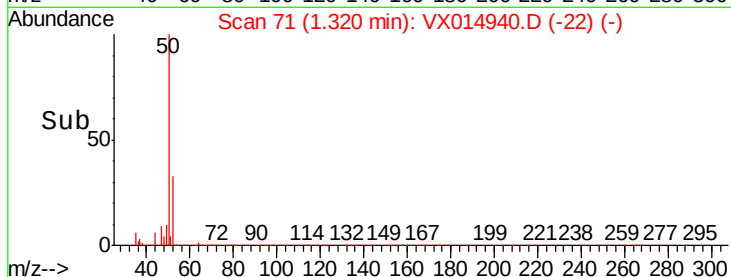
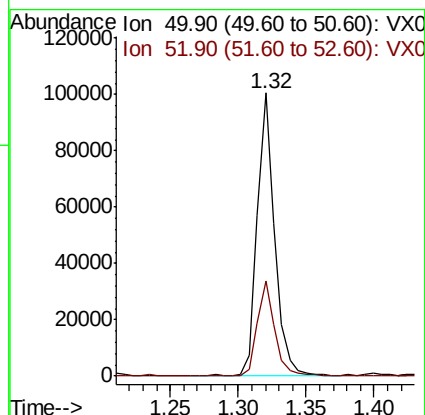
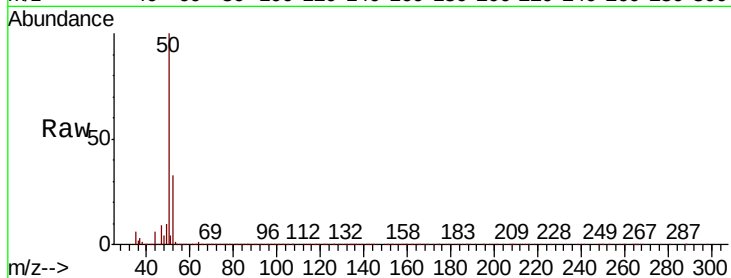
ClientSampleId :

Tot Ion: 50 Resp: 90120

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.2



#4

Vinyl Chloride

Concen: 18.277 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014940.D

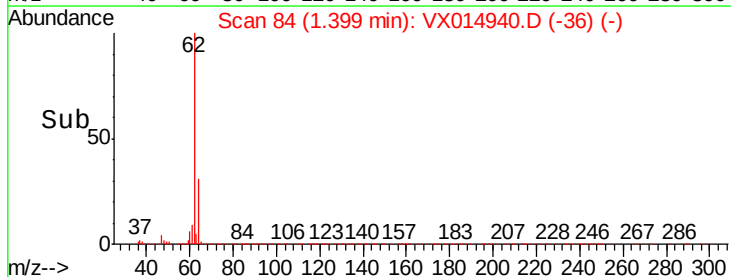
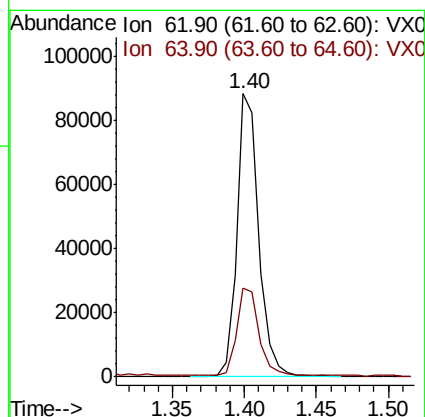
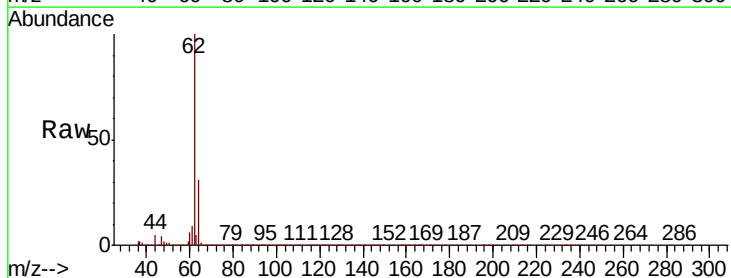
Acq: 14 Feb 2020 11:07

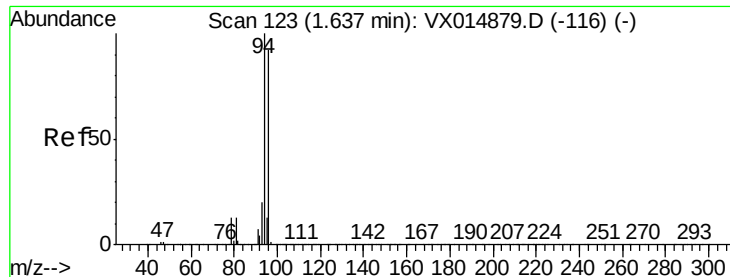
Tgt Ion: 62 Resp: 93330

Ion Ratio Lower Upper

62 100

64 30.9 24.8 37.2





#5

Bromomethane

Concen: 19.502 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

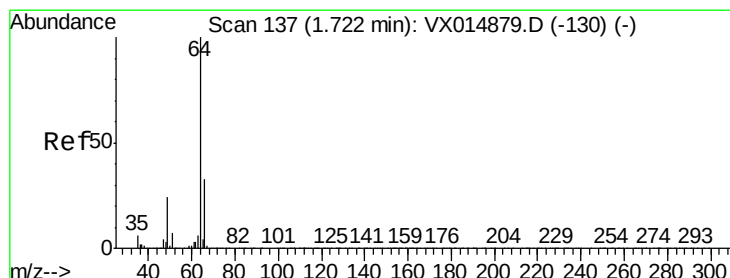
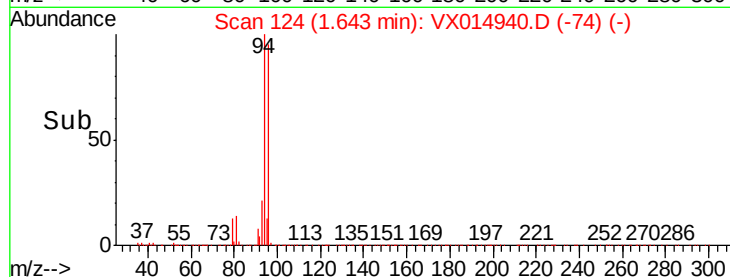
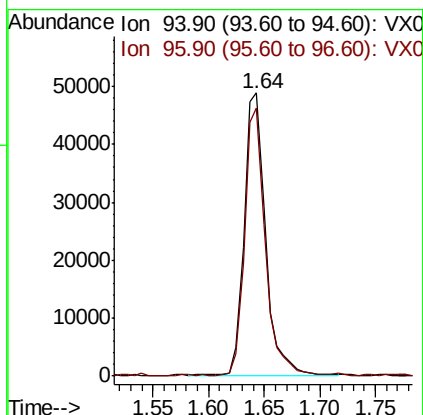
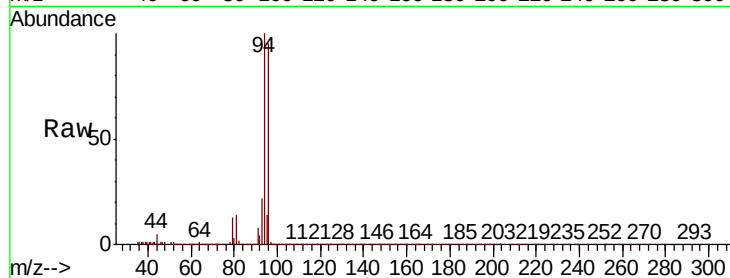
ClientSampled :

Tot Ion: 94 Resp: 64462

Ion Ratio Lower Upper

94 100

96 94.5 73.7 110.5



#6

Chloroethane

Concen: 18.764 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX014940.D

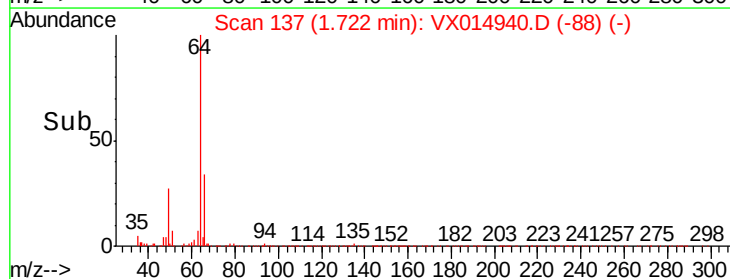
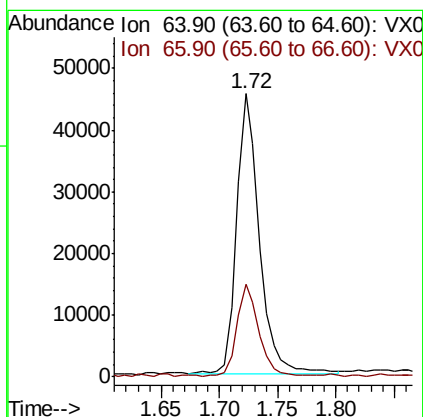
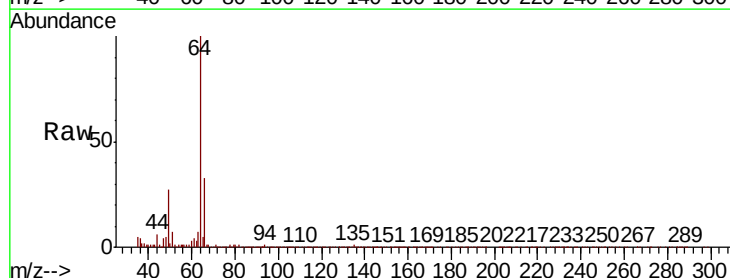
Acq: 14 Feb 2020 11:07

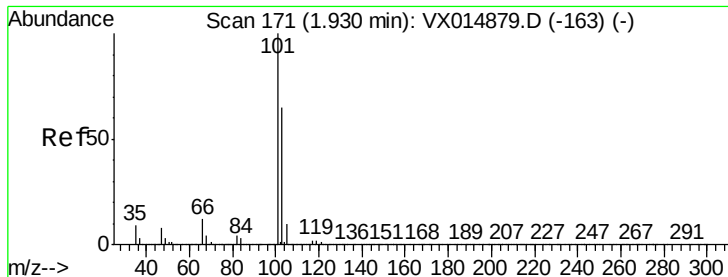
Tgt Ion: 64 Resp: 61311

Ion Ratio Lower Upper

64 100

66 32.9 26.2 39.4



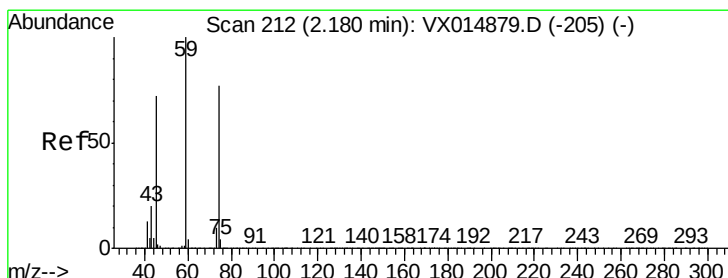
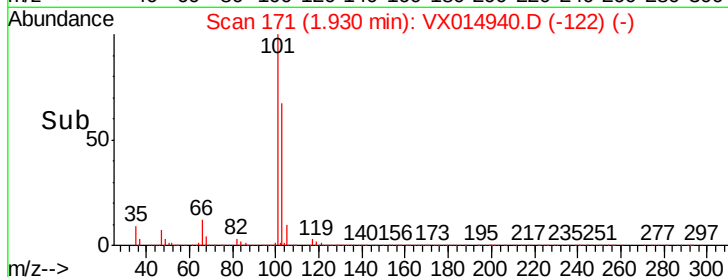
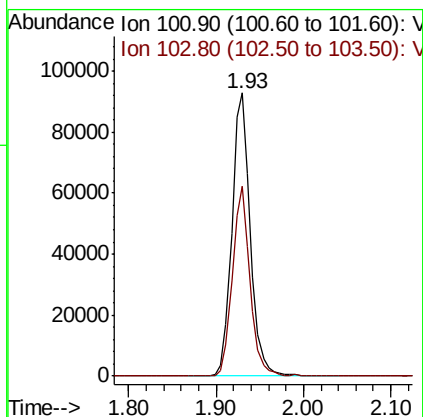
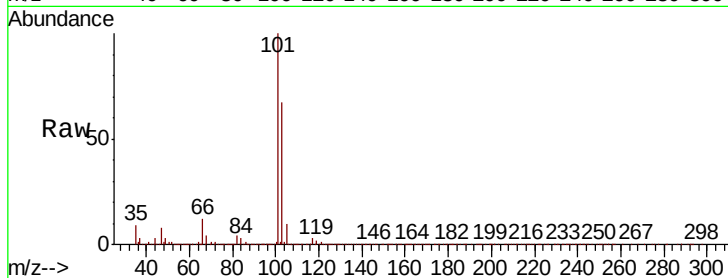


#7

Trichlorofluoromethane
Concen: 19.124 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
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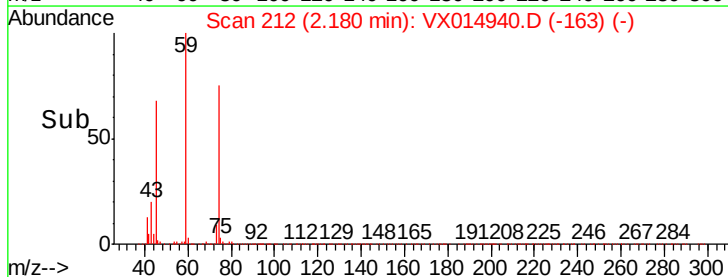
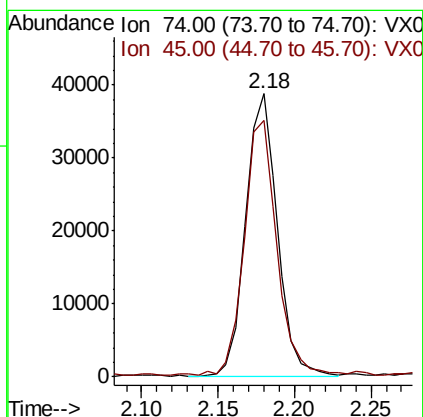
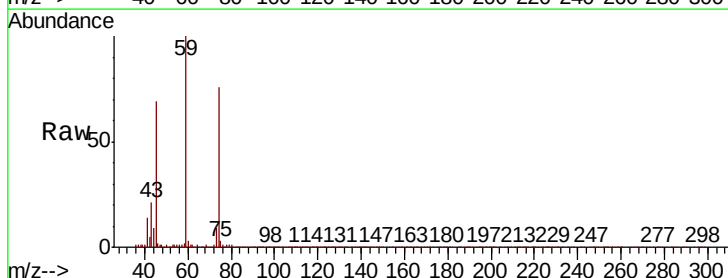
Tot Ion:101 Resp: 136441
Ion Ratio Lower Upper
101 100
103 66.6 52.2 78.4

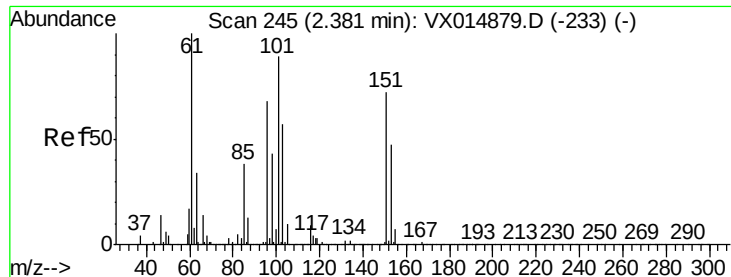


#8

Diethyl Ether
Concen: 18.980 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion: 74 Resp: 56156
Ion Ratio Lower Upper
74 100
45 91.1 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.124 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

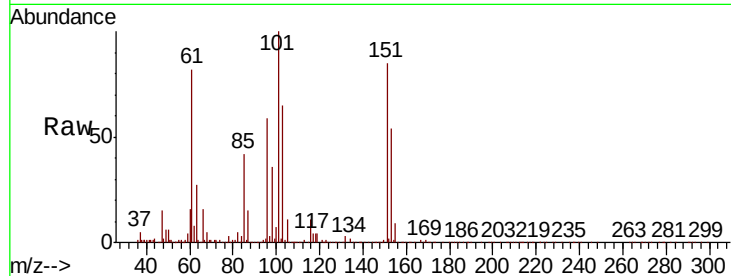
Tot Ion:101 Resp: 79200

Ion Ratio Lower Upper

101 100

85 41.5 34.1 51.1

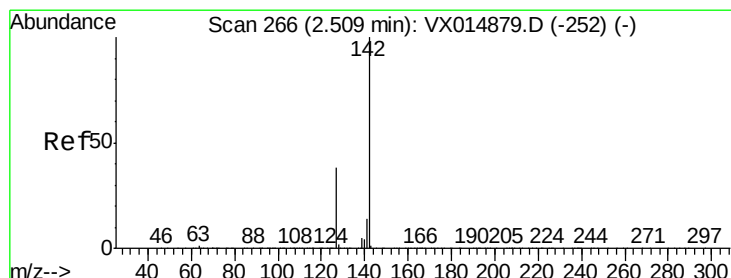
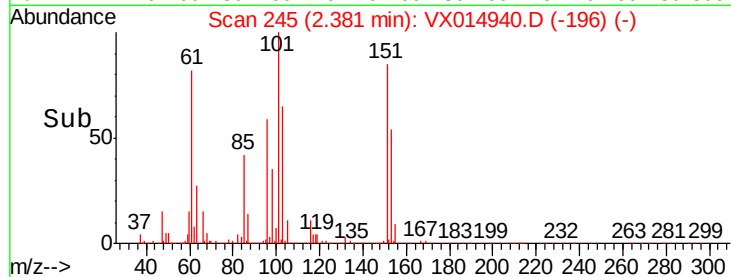
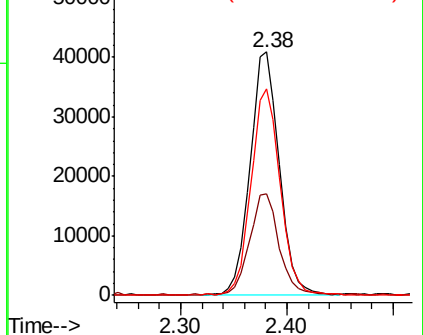
151 84.4 67.3 100.9



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: 21.873 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

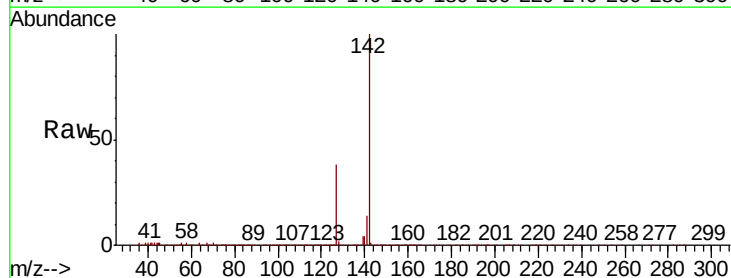
Tgt Ion:142 Resp: 88554

Ion Ratio Lower Upper

142 100

127 39.7 31.1 46.7

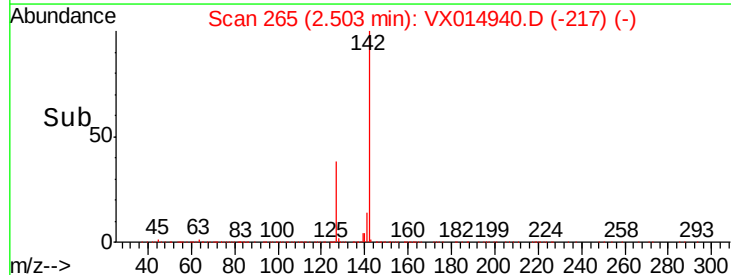
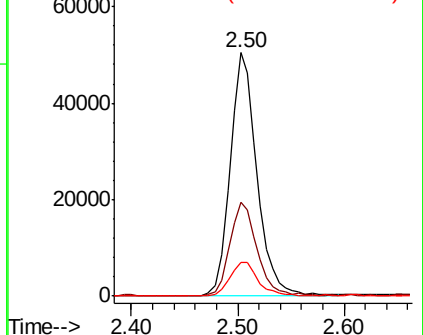
141 14.7 11.3 16.9

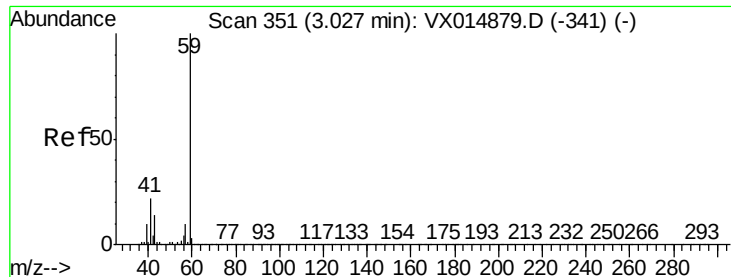


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

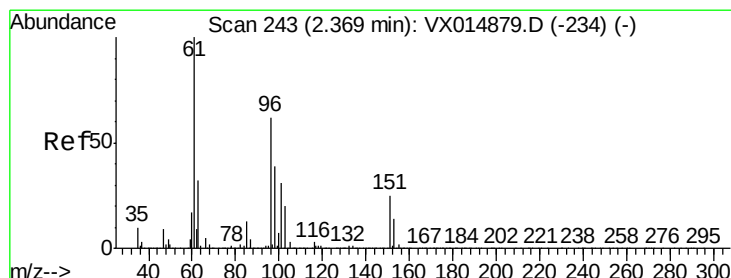
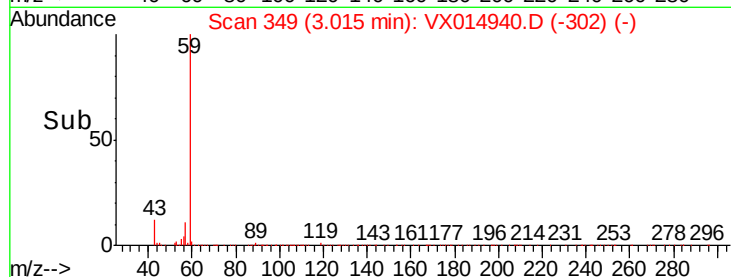
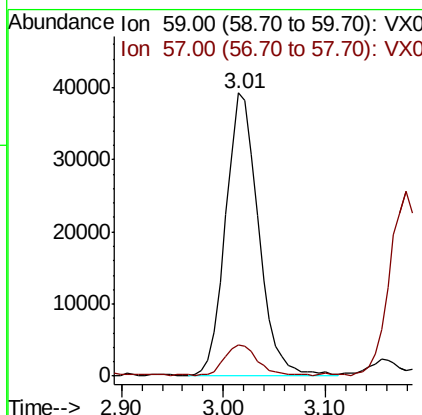
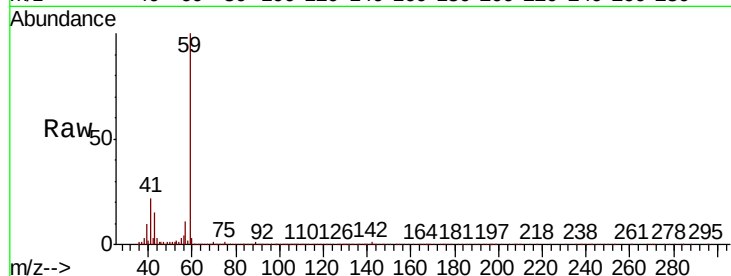




#11
Tert butyl alcohol
Concen: 98.565 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

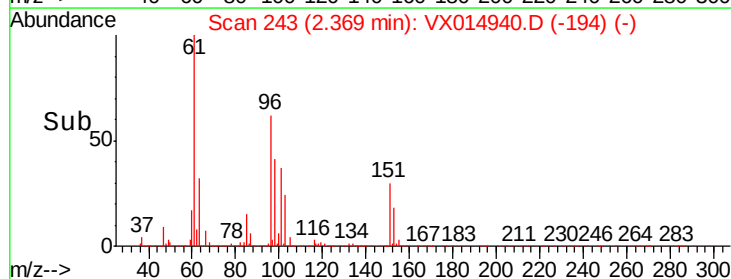
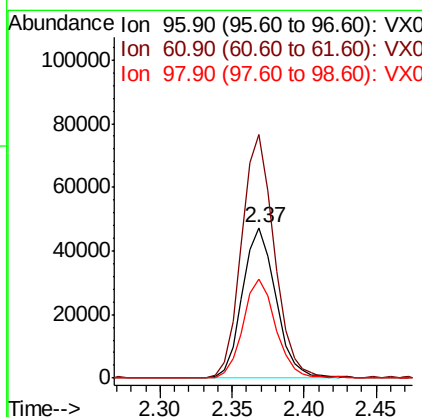
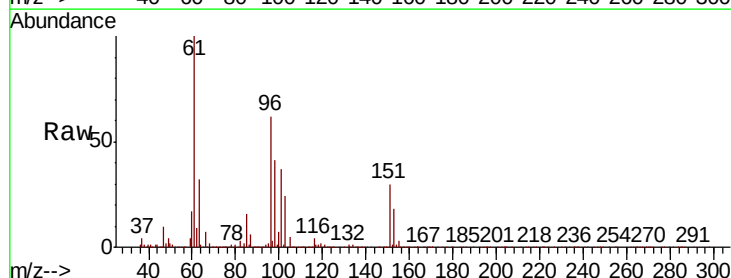
Instrument :
MSVOA_X
ClientSampleId :

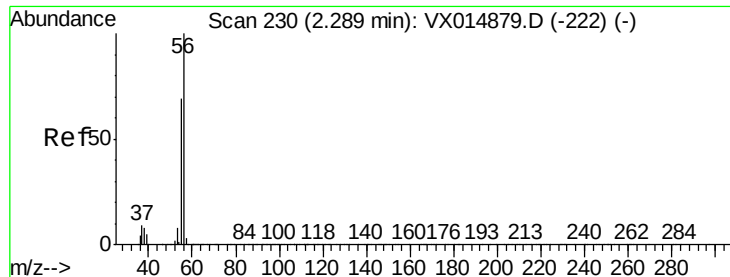
Tot Ion: 59 Resp: 86715
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.651 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion: 96 Resp: 75477
Ion Ratio Lower Upper
96 100
61 162.2 129.5 194.3
98 66.1 50.6 76.0





#13

Acrolein

Concen: 66.978 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

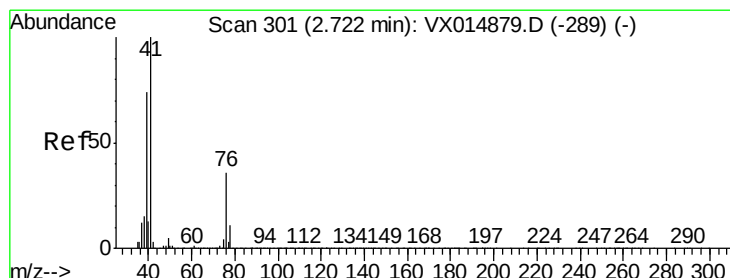
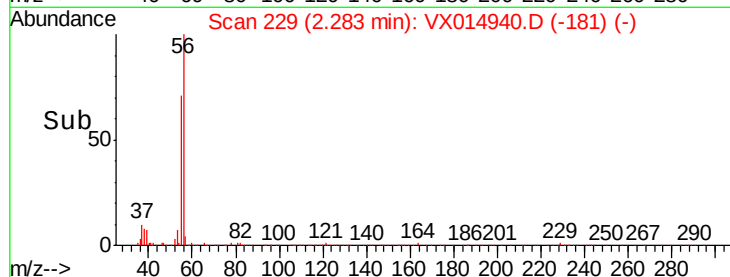
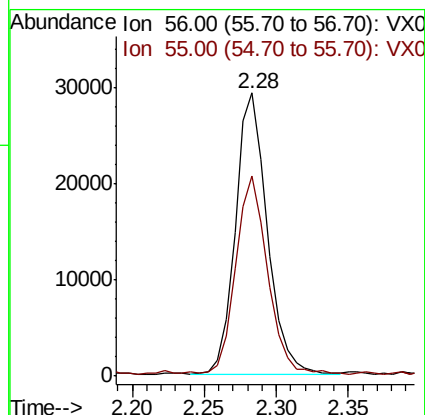
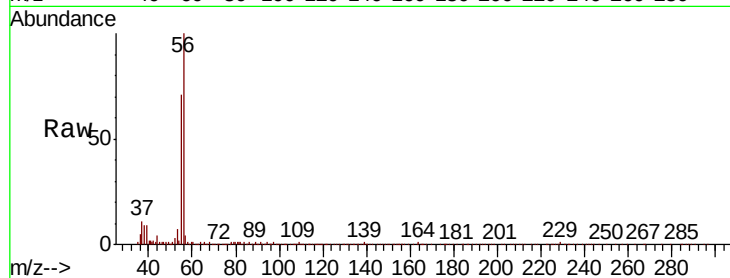
ClientSampleId :

Tot Ion: 56 Resp: 44911

Ion Ratio Lower Upper

56 100

55 70.8 55.0 82.4



#14

Allyl chloride

Concen: 18.524 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

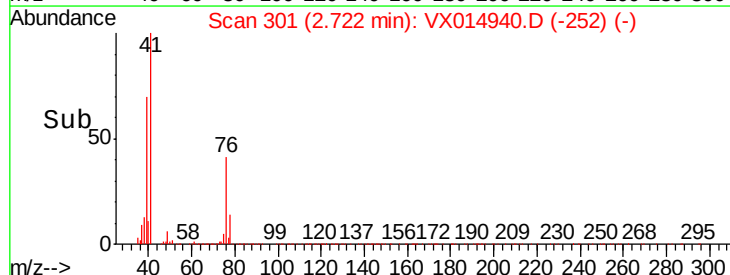
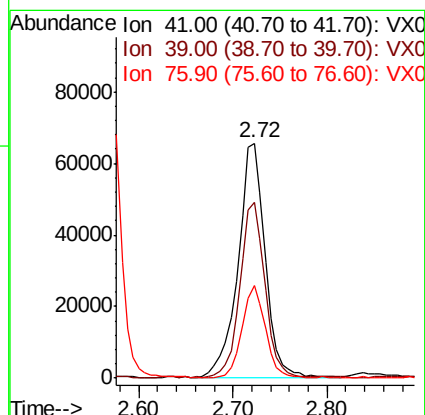
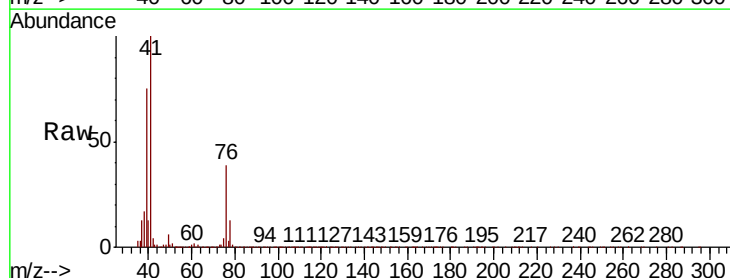
Tgt Ion: 41 Resp: 132907

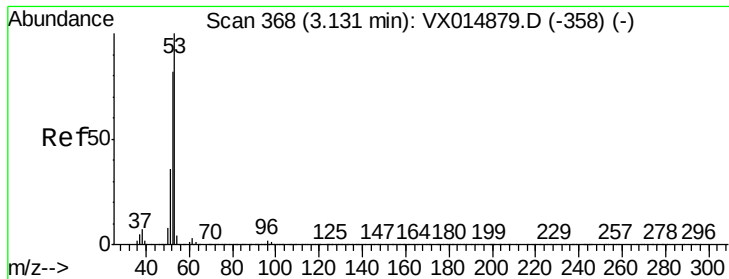
Ion Ratio Lower Upper

41 100

39 67.8 55.2 82.8

76 33.1 26.8 40.2





#15

Acrylonitrile

Concen: 95.272 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

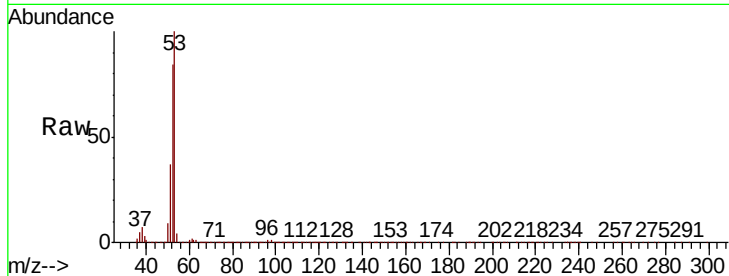
Tot Ion: 53 Resp: 212485

Ion Ratio Lower Upper

53 100

52 84.4 65.8 98.6

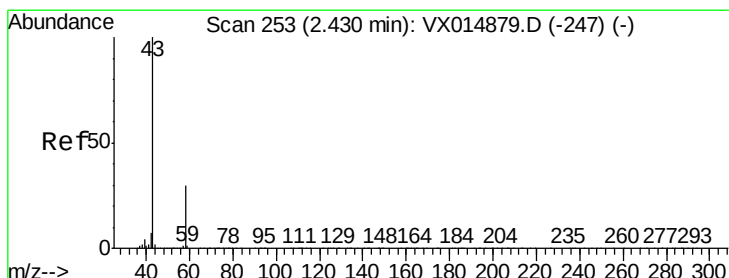
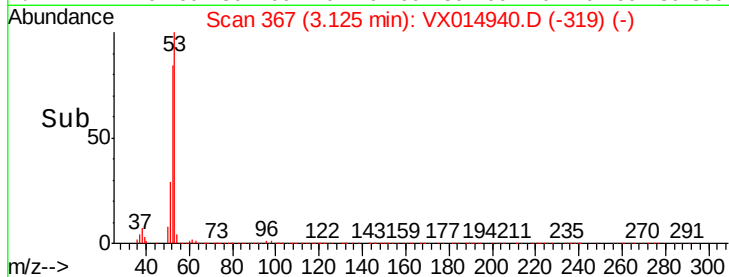
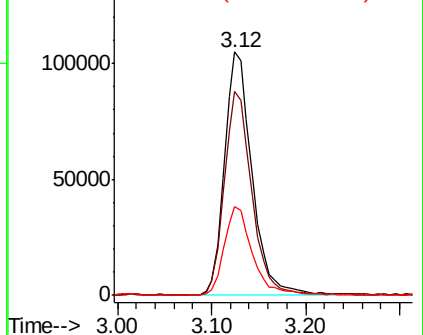
51 38.0 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 80.939 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014940.D

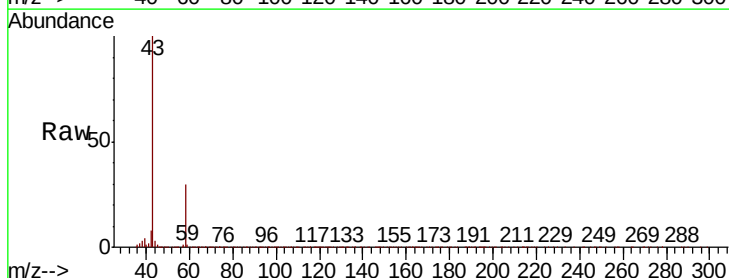
Acq: 14 Feb 2020 11:07

Tgt Ion: 43 Resp: 236422

Ion Ratio Lower Upper

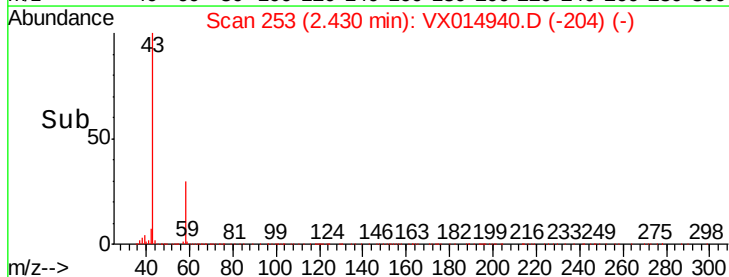
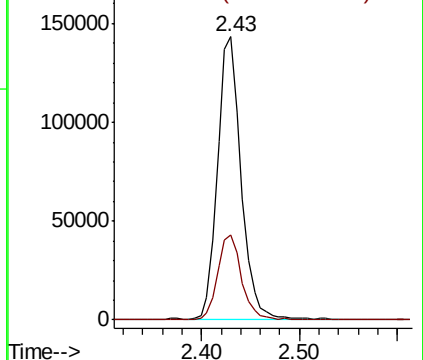
43 100

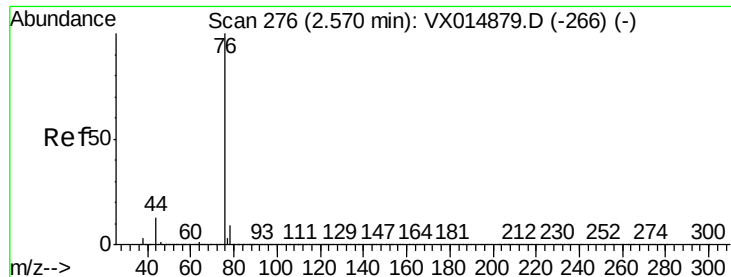
58 29.9 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.551 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

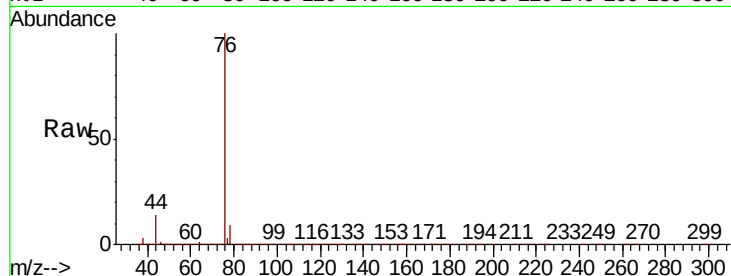
ClientSampleId :

Tot Ion: 76 Resp: 198453

Ion Ratio Lower Upper

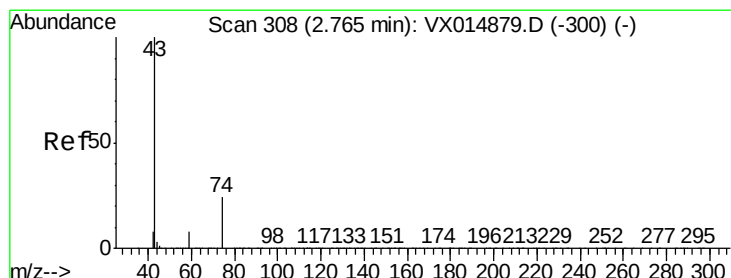
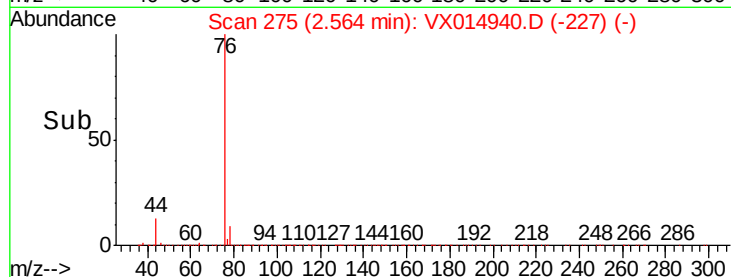
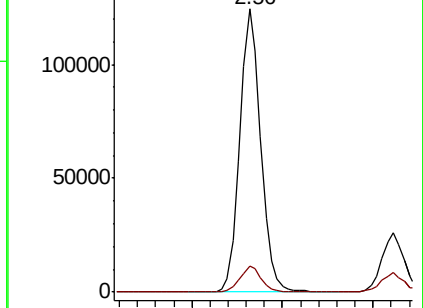
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.562 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014940.D

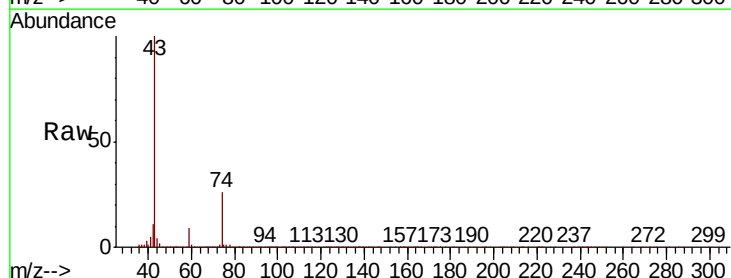
Acq: 14 Feb 2020 11:07

Tgt Ion: 43 Resp: 98170

Ion Ratio Lower Upper

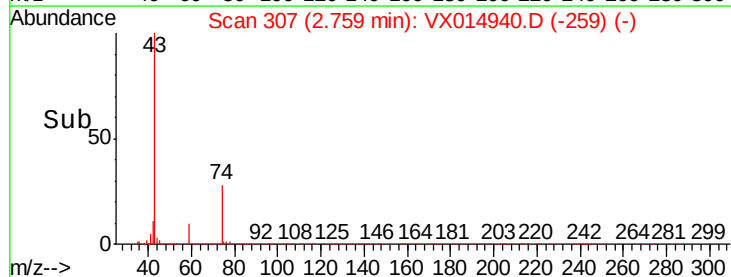
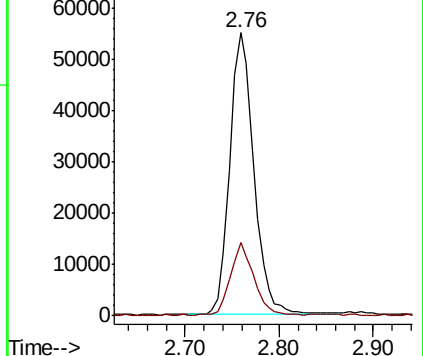
43 100

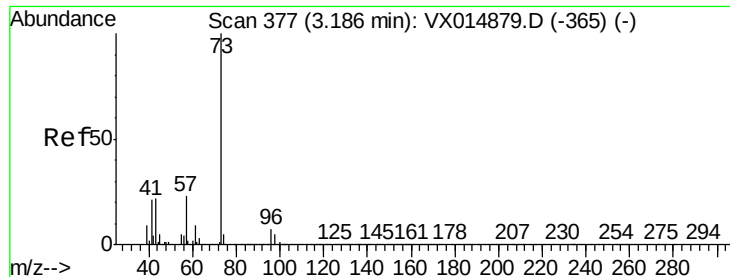
74 26.0 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



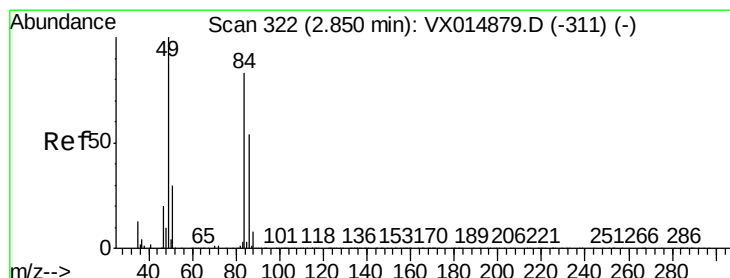
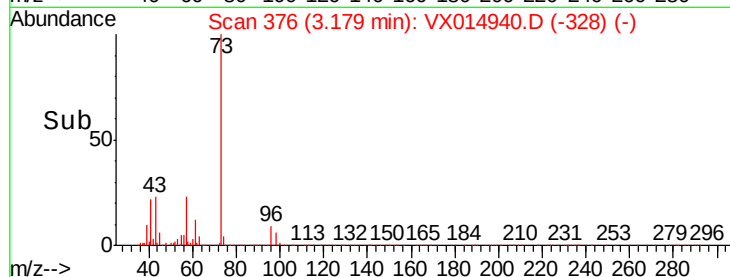
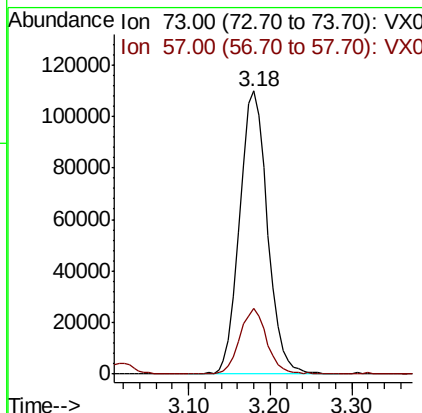
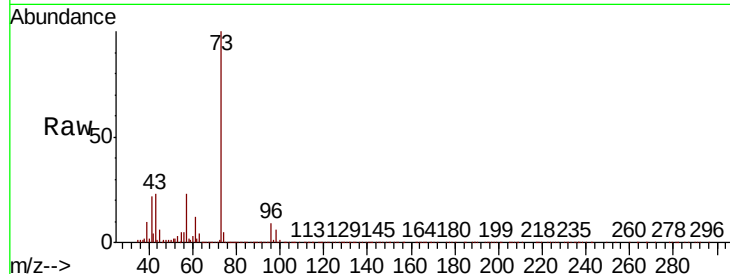


#19

Methyl tert-butyl Ether
 Concen: 19.684 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :

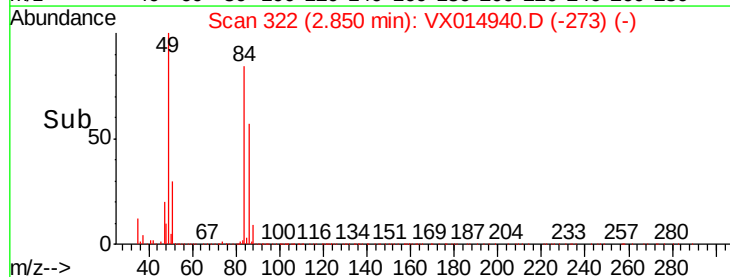
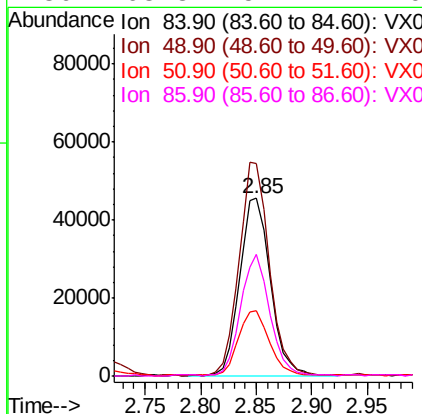
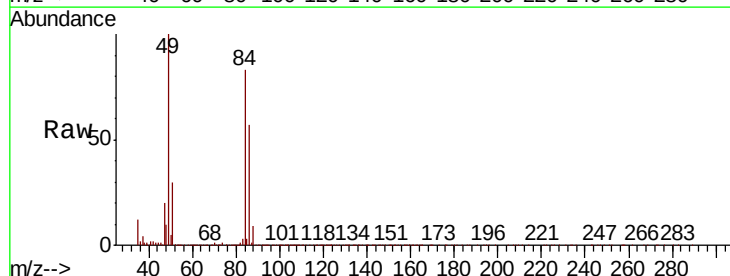
Tot Ion: 73 Resp: 259248
 Ion Ratio Lower Upper
 73 100
 57 23.3 18.2 27.4

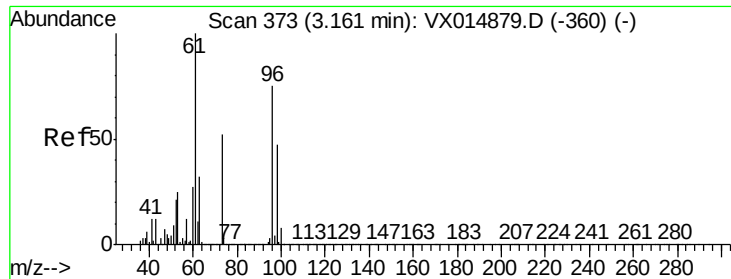


#20

Methylene Chloride
 Concen: 18.198 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Tgt Ion: 84 Resp: 87226
 Ion Ratio Lower Upper
 84 100
 49 119.4 95.6 143.4
 51 36.1 29.0 43.6
 86 68.3 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.367 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

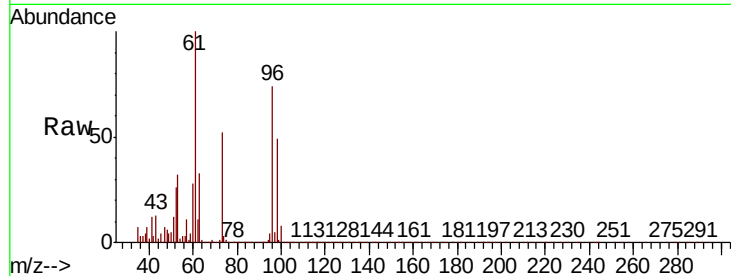
Tot Ion: 96 Resp: 82017

Ion Ratio Lower Upper

96 100

61 134.6 106.9 160.3

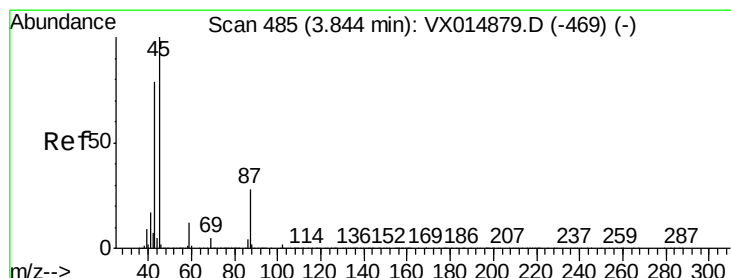
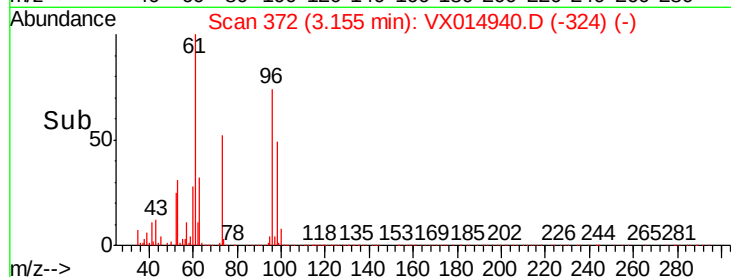
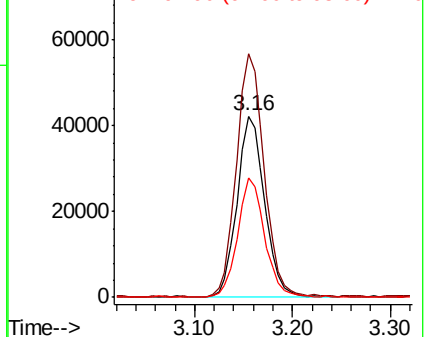
98 66.1 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.729 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion: 45 Resp: 270357

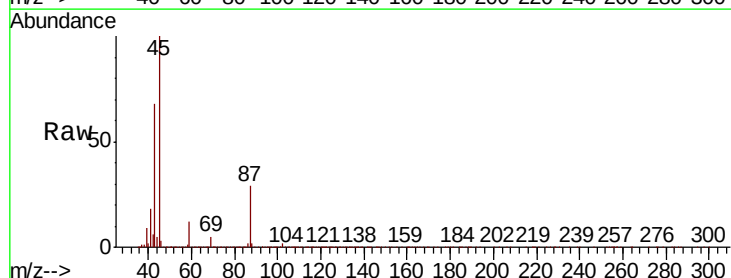
Ion Ratio Lower Upper

45 100

43 66.6 63.5 95.3

87 29.3 22.2 33.4

59 11.6 9.4 14.0

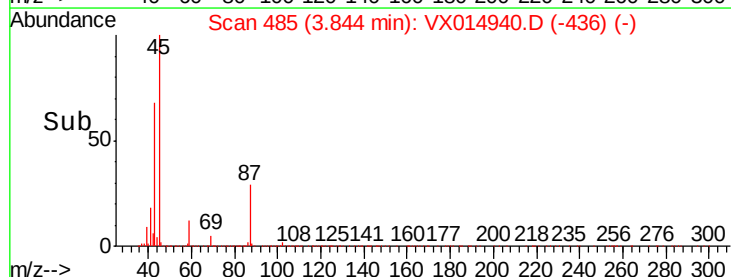
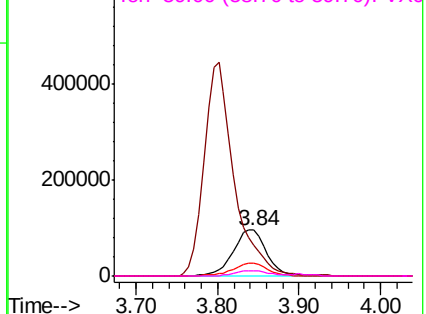


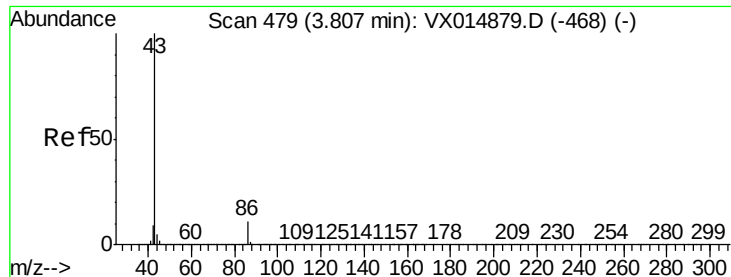
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 101.772 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

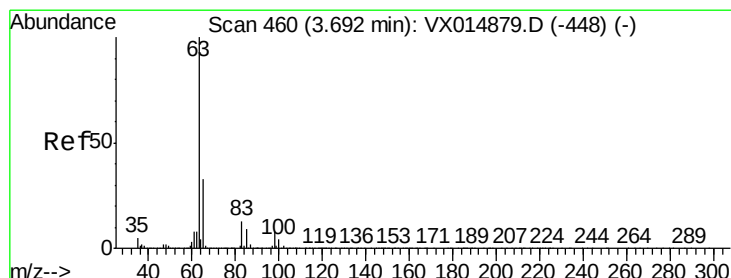
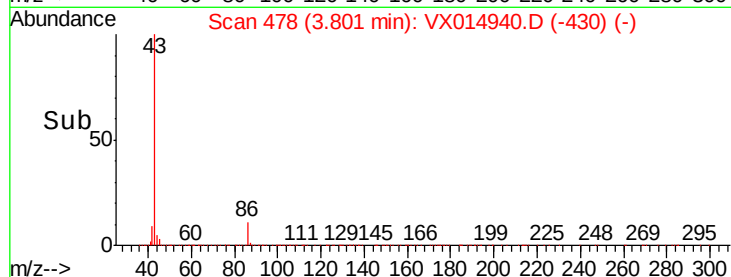
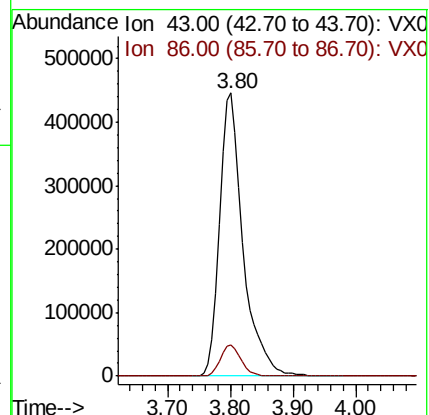
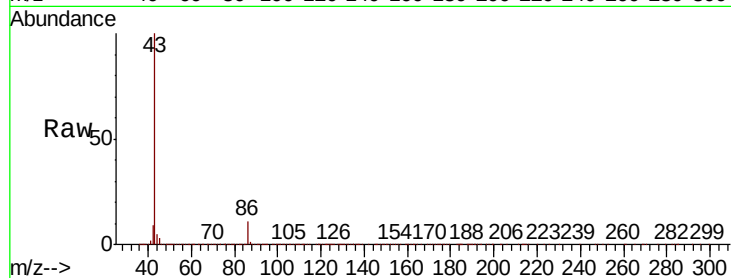
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1149667

Ion Ratio Lower Upper

43 100

86 10.9 8.9 13.3



#24

1,1-Dichloroethane

Concen: 18.629 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

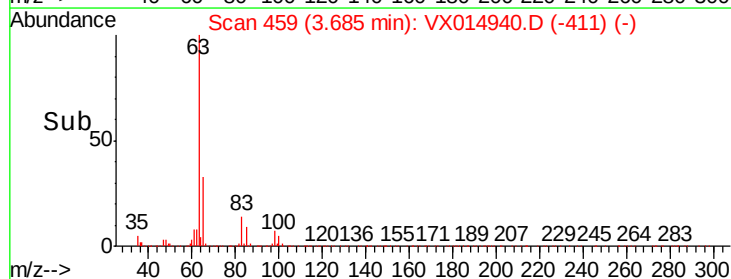
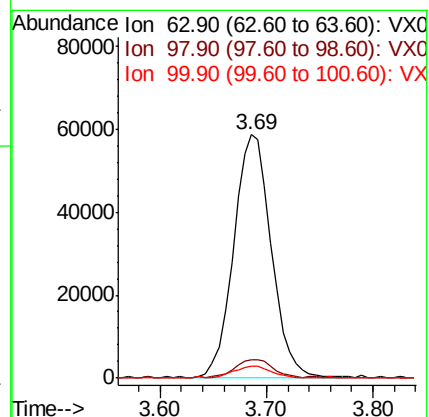
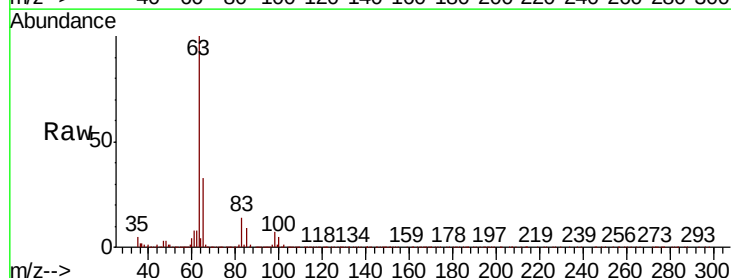
Tgt Ion: 63 Resp: 144075

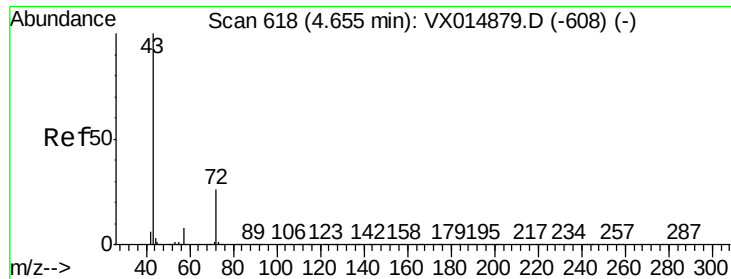
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 92.442 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

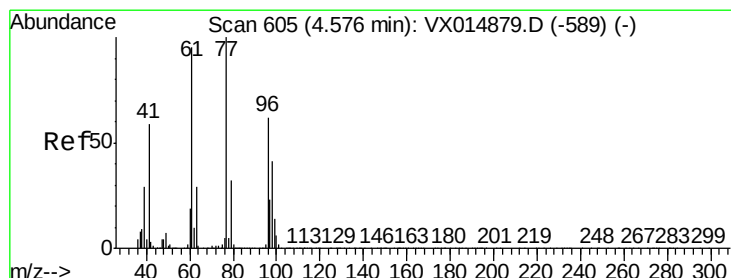
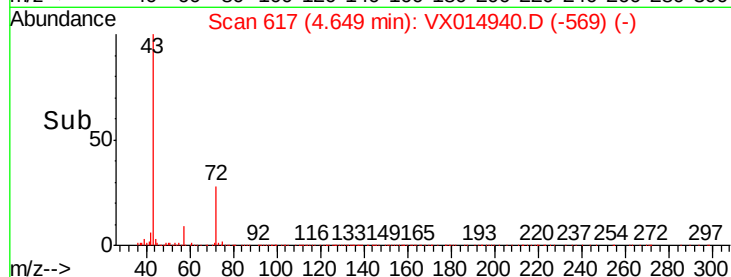
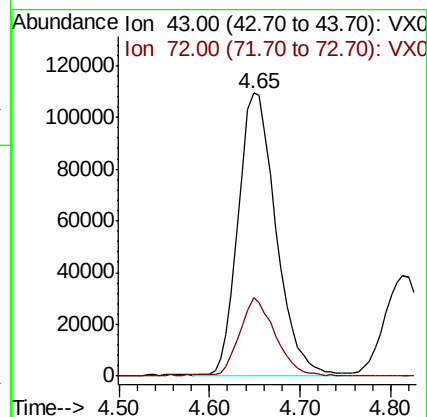
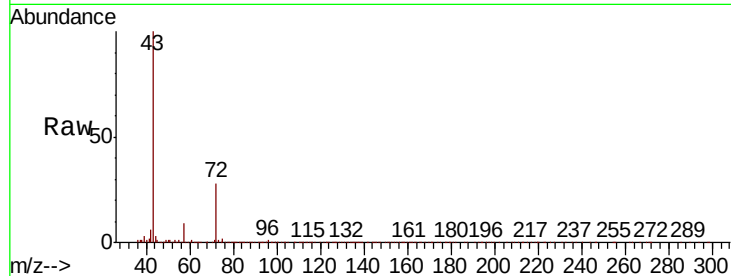
ClientSampled :

Tot Ion: 43 Resp: 313586

Ion Ratio Lower Upper

43 100

72 27.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 18.721 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014940.D

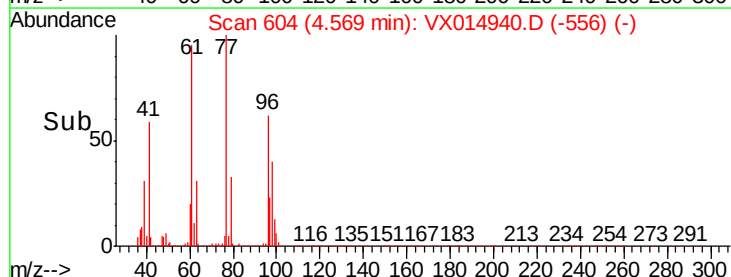
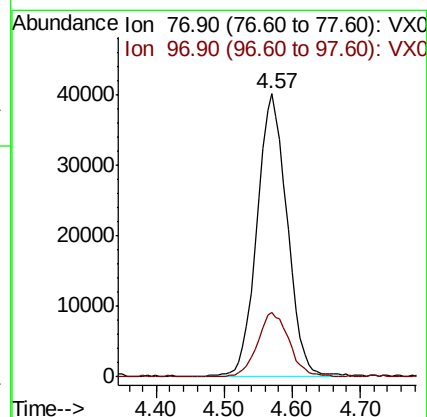
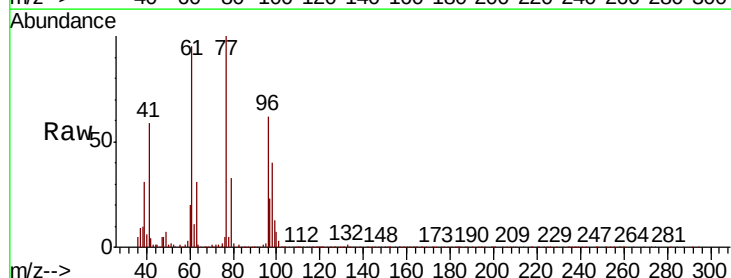
Acq: 14 Feb 2020 11:07

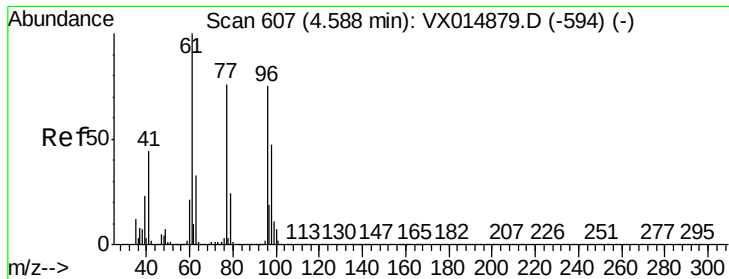
Tgt Ion: 77 Resp: 124779

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5



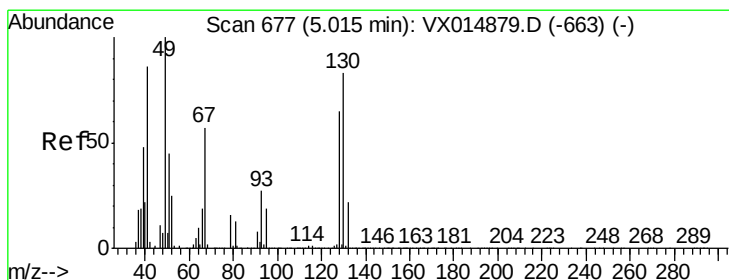
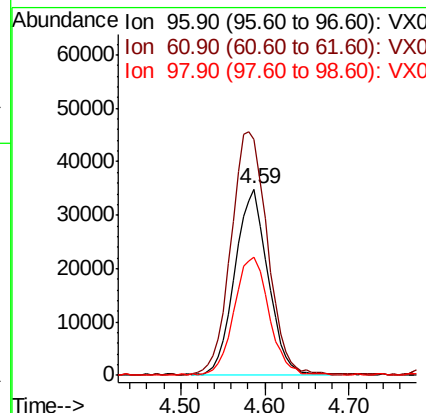
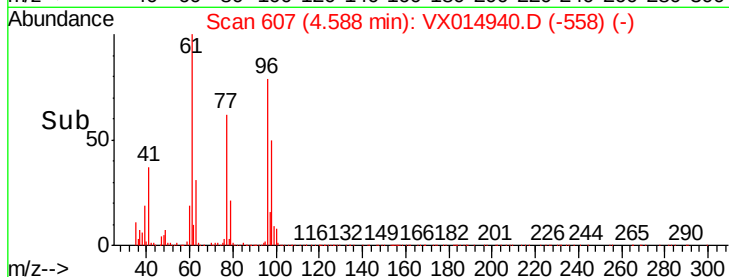
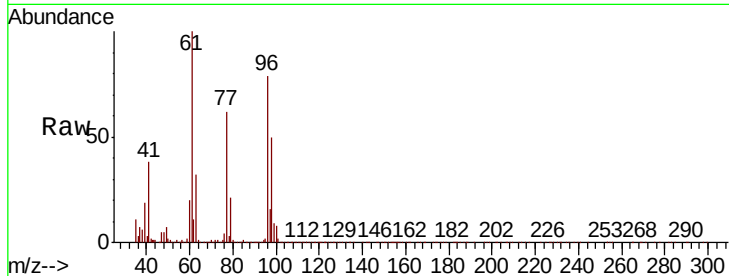


#27

cis-1,2-Dichloroethene
Concen: 18.512 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :

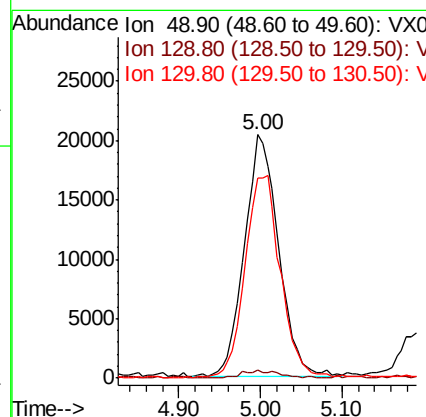
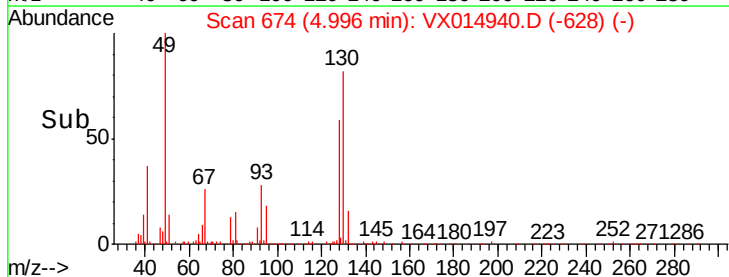
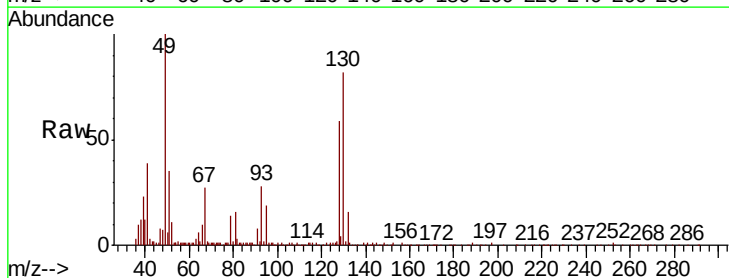
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	286.2
98	66.7	0.0	131.0

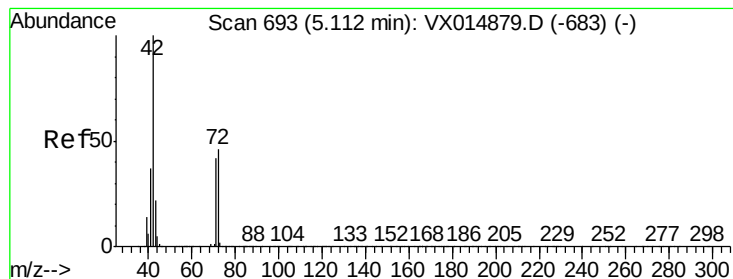


#28

Bromochloromethane
Concen: 19.775 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.4	0.0	5.2
130	86.0	67.4	101.2





#29

Tetrahydrofuran

Concen: 97.165 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

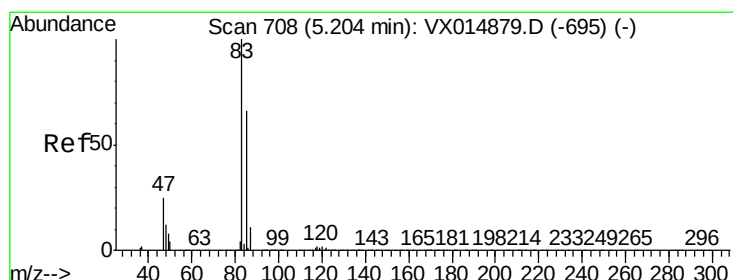
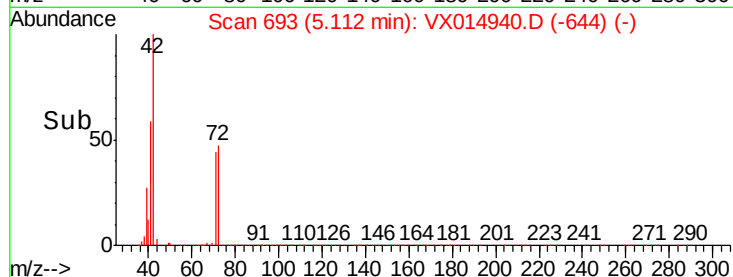
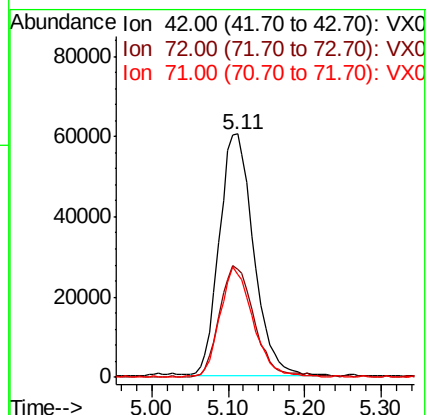
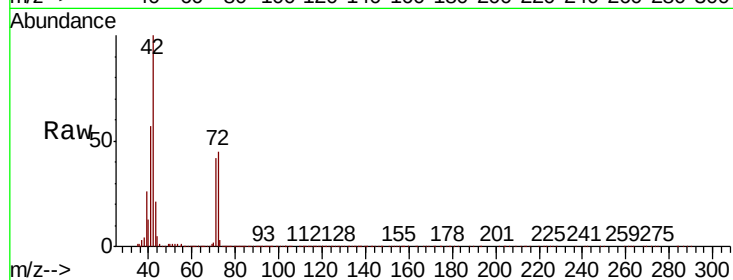
Tot Ion: 42 Resp: 187371

Ion Ratio Lower Upper

42 100

72 46.6 36.9 55.3

71 43.3 34.1 51.1



#30

Chloroform

Concen: 19.194 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014940.D

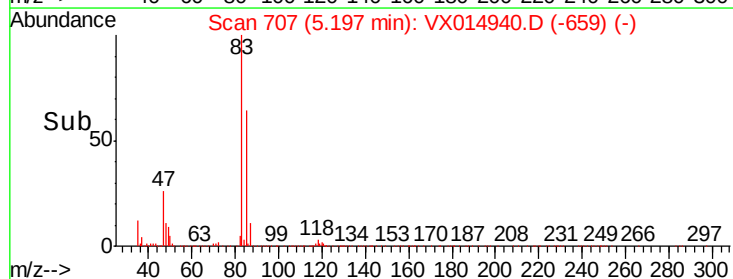
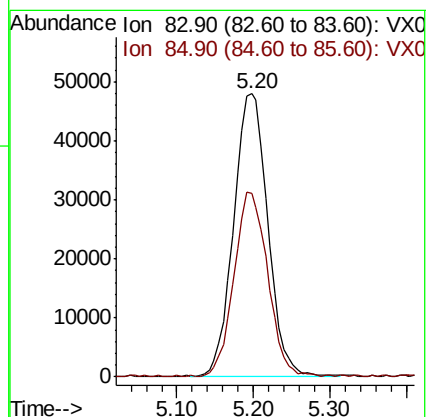
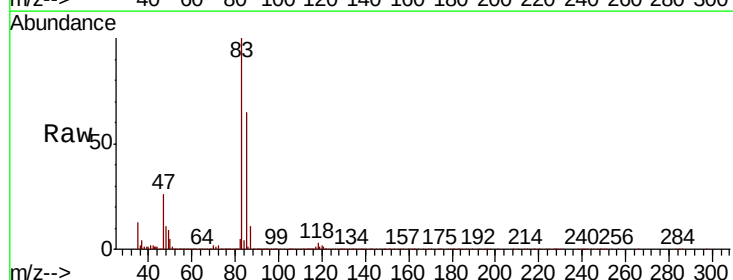
Acq: 14 Feb 2020 11:07

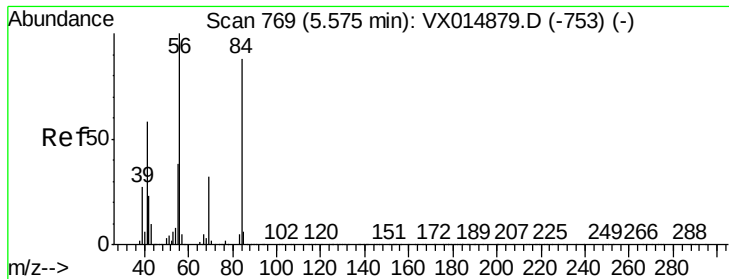
Tgt Ion: 83 Resp: 147279

Ion Ratio Lower Upper

83 100

85 64.6 52.9 79.3

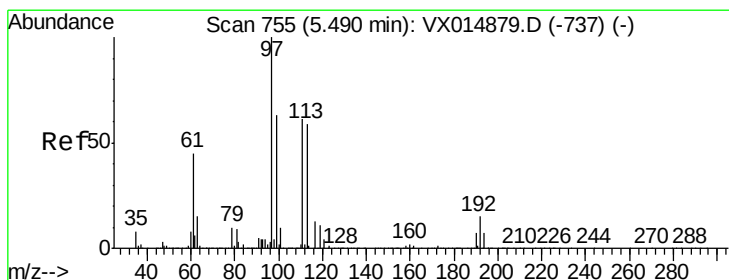
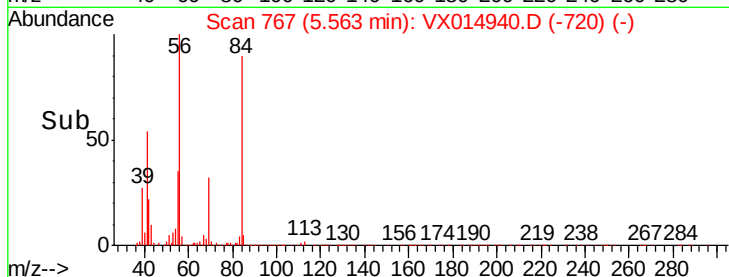
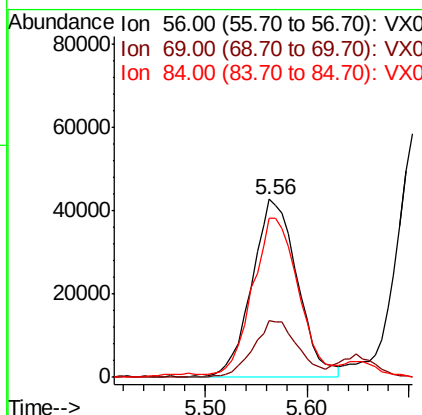
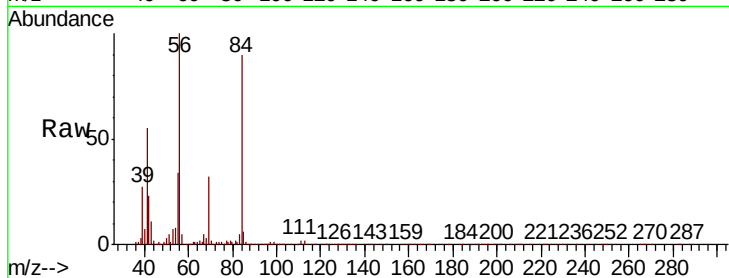




#31
Cyclohexane
Concen: 18.432 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

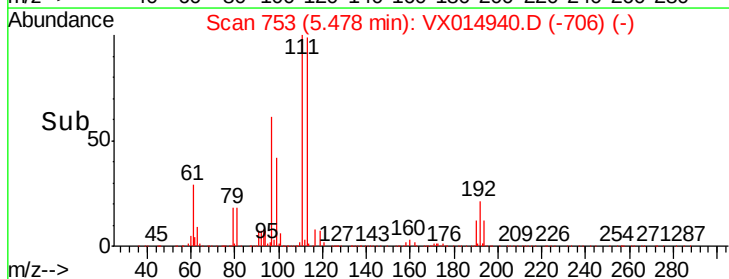
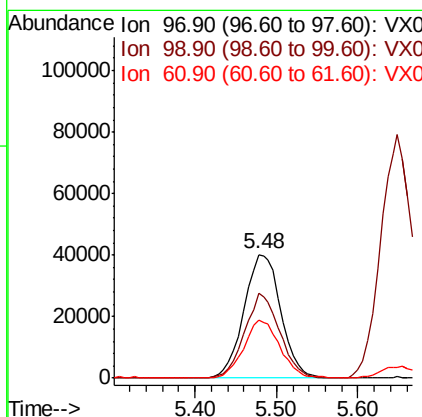
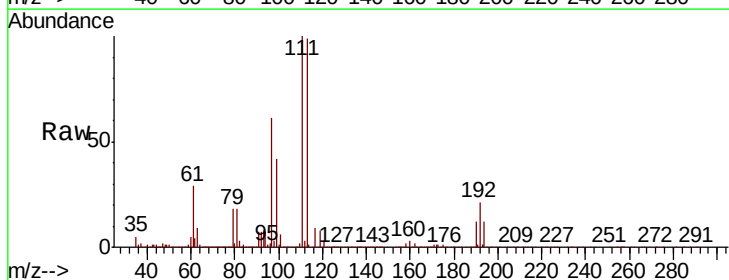
Instrument :
MSVOA_X
ClientSampleId :

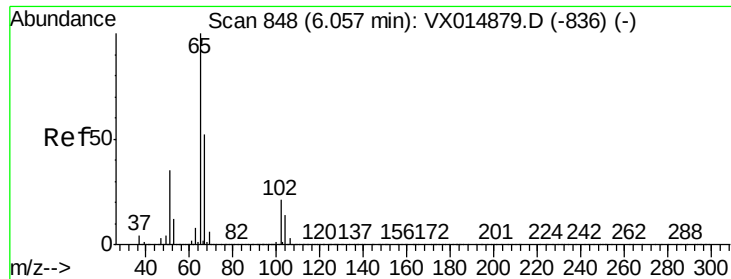
Tot Ion: 56 Resp: 129839
Ion Ratio Lower Upper
56 100
69 30.9 25.9 38.9
84 87.8 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 18.626 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion: 97 Resp: 125019
Ion Ratio Lower Upper
97 100
99 65.3 51.0 76.6
61 45.7 36.3 54.5

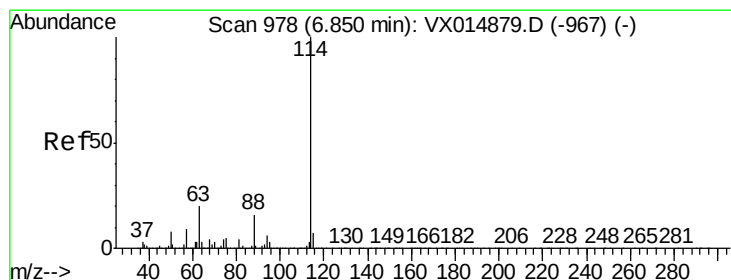
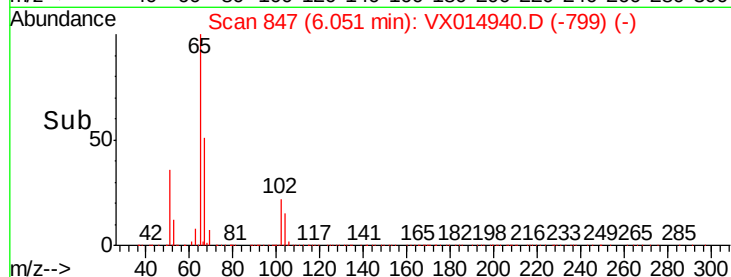
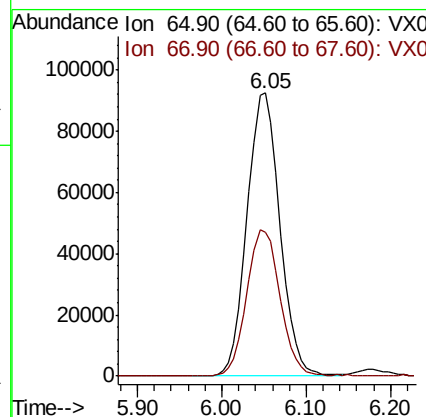
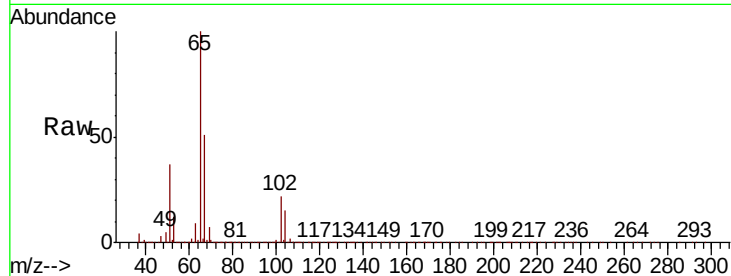




#33
 1,2-Dichloroethane-d4
 Concen: 48.947 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

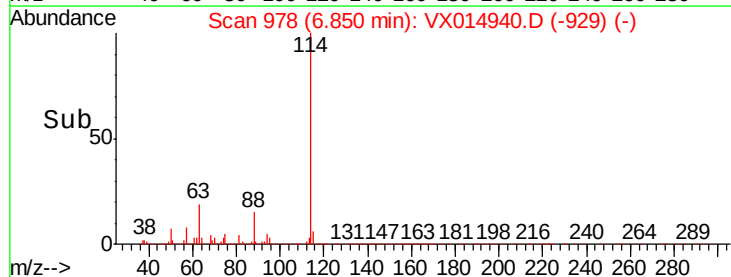
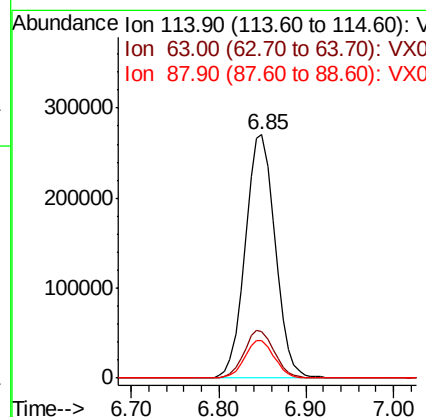
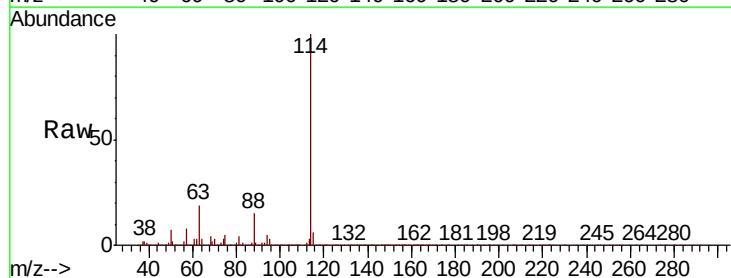
Instrument :
 MSVOA_X
 ClientSampleId :

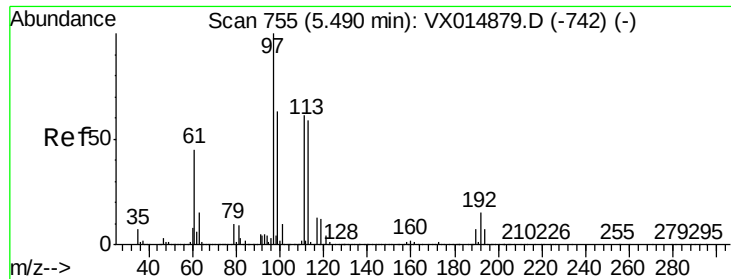
Tot Ion: 65 Resp: 243889
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Tgt Ion: 114 Resp: 642134
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.580 ug/l

RT: 5.48 min Scan# 754

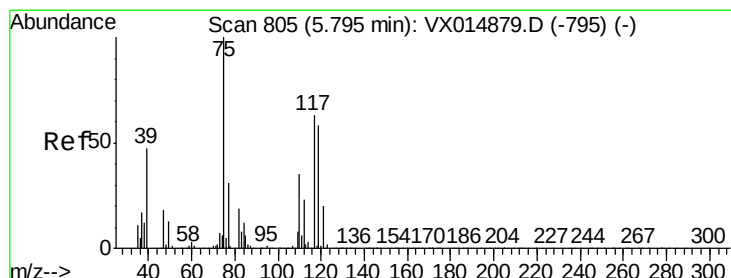
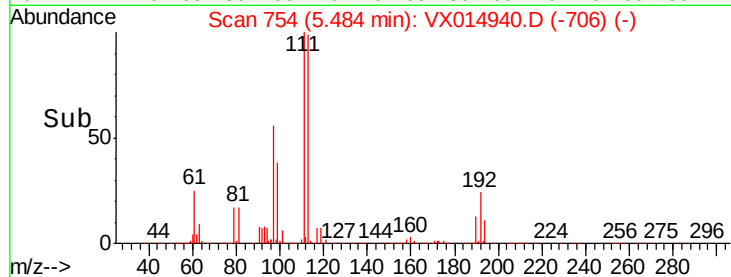
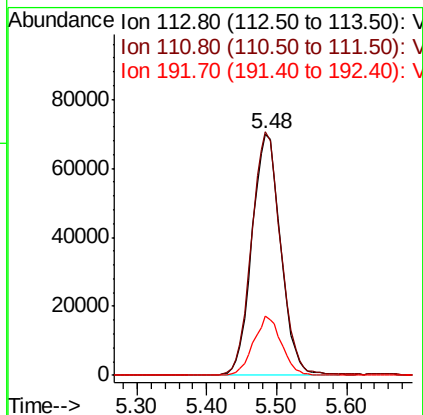
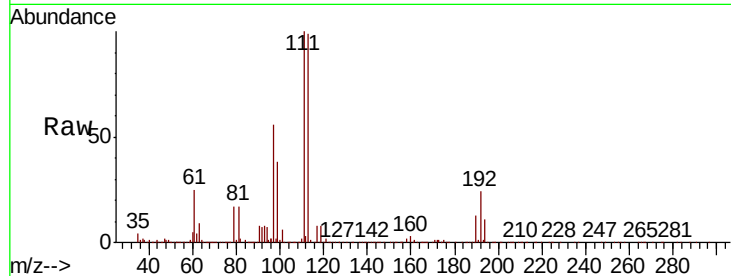
Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	113	Resp:	199672
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.4	123.6
192	23.9	19.1	28.7



#36

1,1-Dichloropropene

Concen: 19.289 ug/l

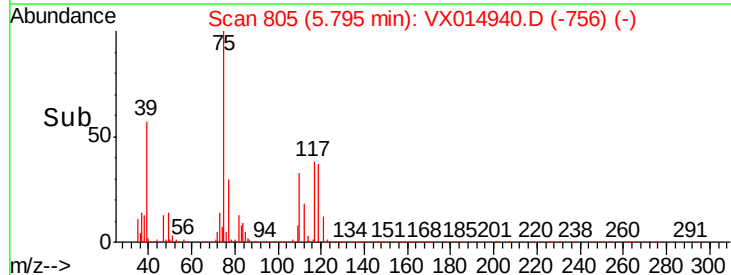
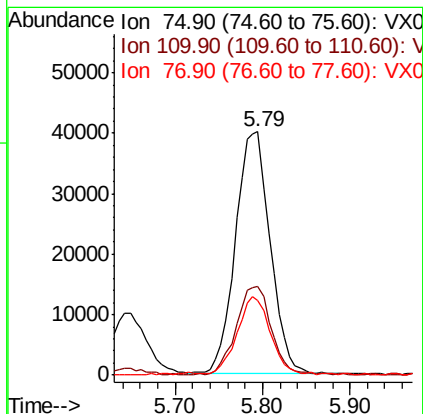
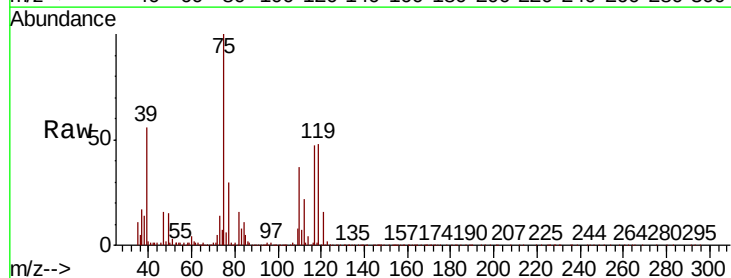
RT: 5.79 min Scan# 805

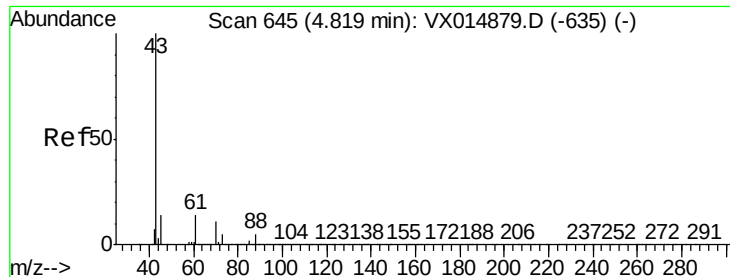
Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion:	75	Resp:	110795
Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.3	54.8
77	30.3	24.6	36.8

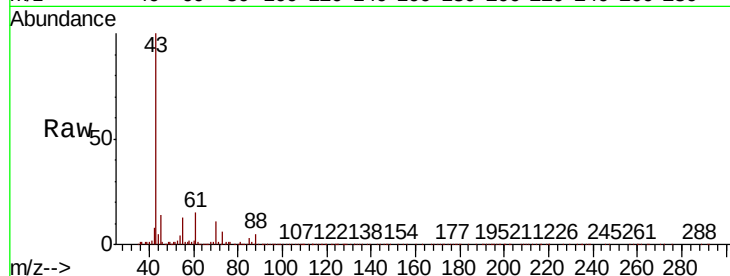




#37
Ethyl Acetate
Concen: 19.375 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.9	16.3
70	11.4	8.7	13.1

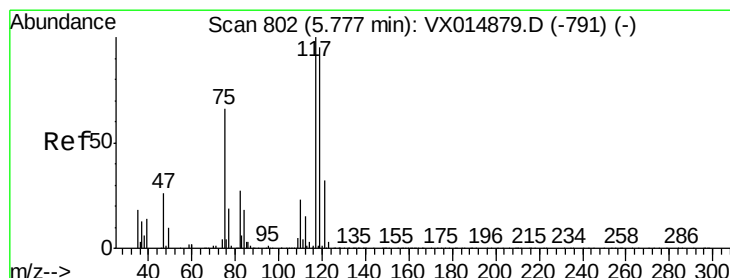
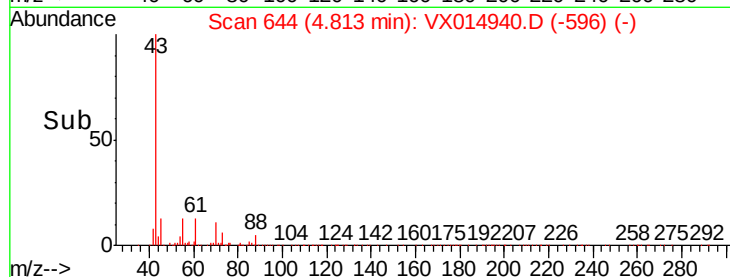
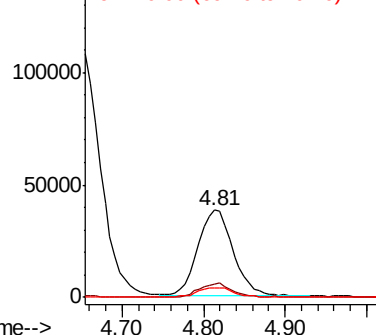


Abundance

Ion 43.00 (42.70 to 43.70): VX0

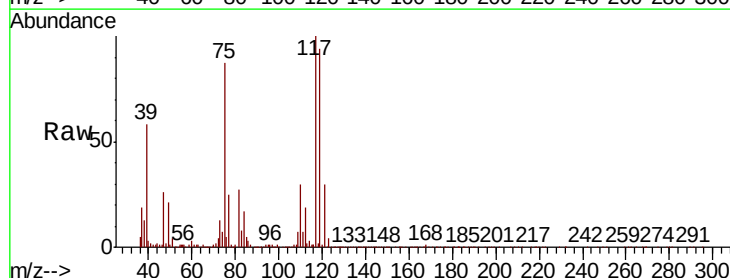
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 19.504 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.0	114.0
121	29.6	25.4	38.2

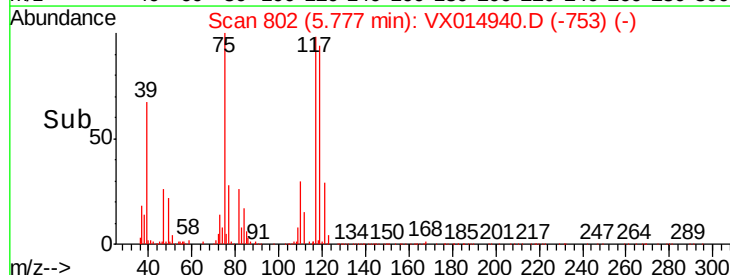
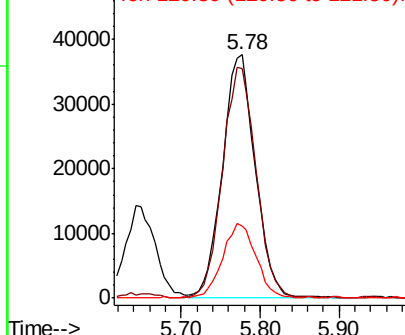


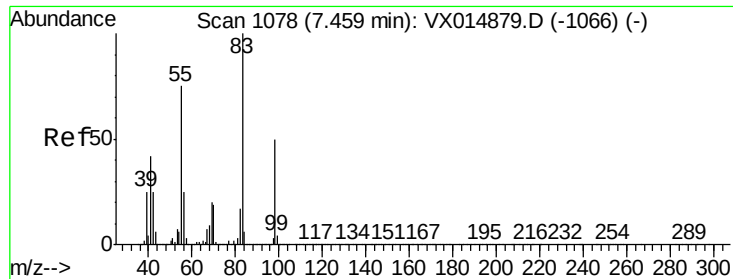
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

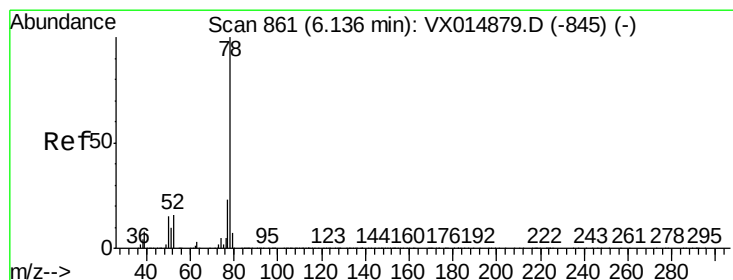
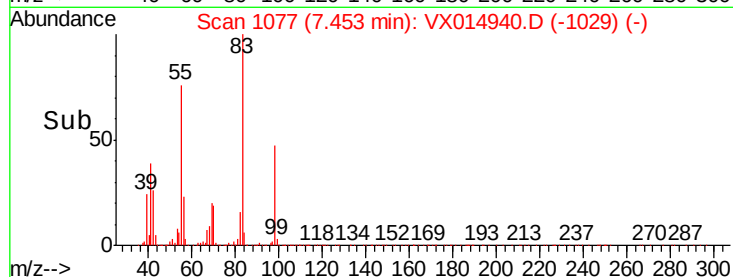
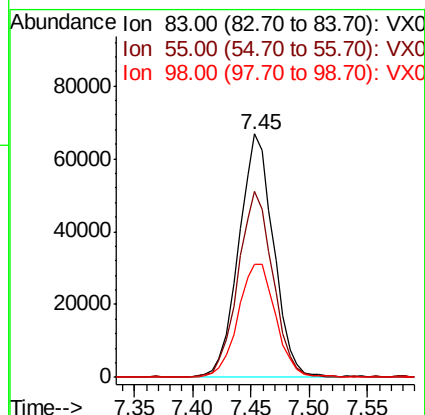
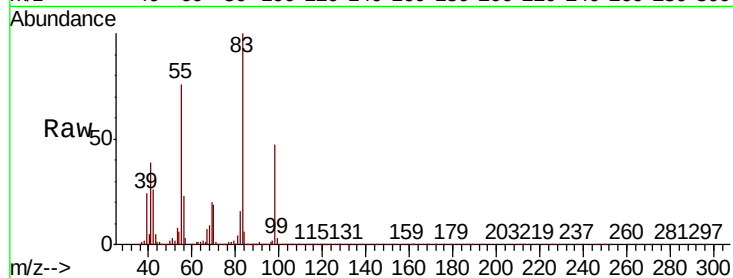




#39
Methylvlcyclohexane
Concen: 19.322 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

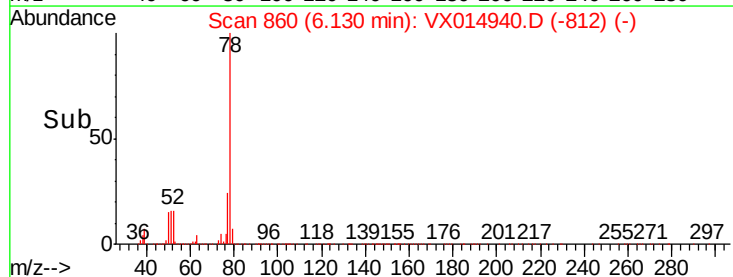
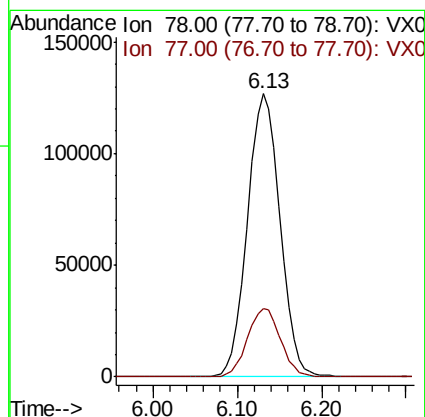
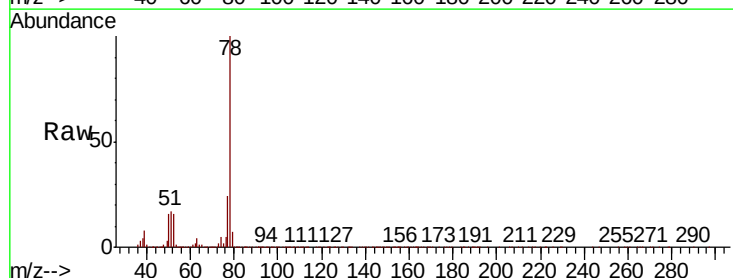
Instrument :
MSVOA_X
ClientSampleId :

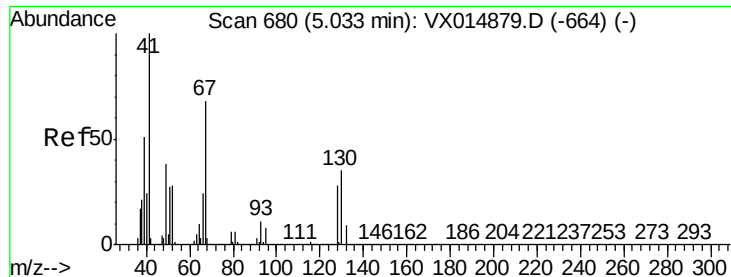
Tot Ion	83	Resp	138806
Ion Ratio	Lower	Upper	
83	100		
55	76.0	60.0	90.0
98	46.4	39.6	59.4



#40
Benzene
Concen: 19.366 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	78	Resp	332364
Ion Ratio	Lower	Upper	
78	100		
77	24.3	18.8	28.2





#41

Methacrylonitrile

Concen: 20.249 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 65354

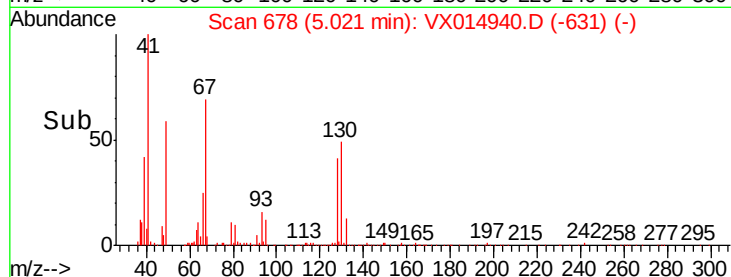
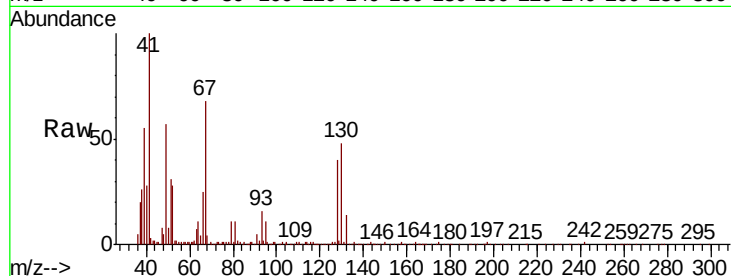
Ion Ratio Lower Upper

41 100

39 56.4 44.7 67.1

67 71.3 56.6 84.8

52 29.0 22.3 33.5

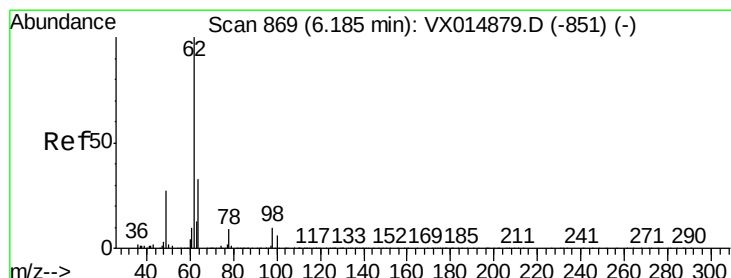
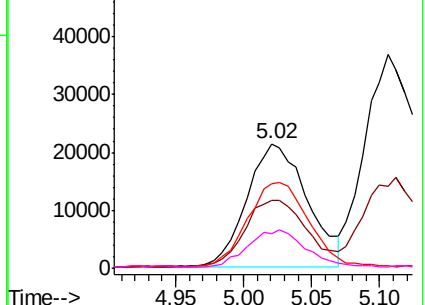


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.824 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014940.D

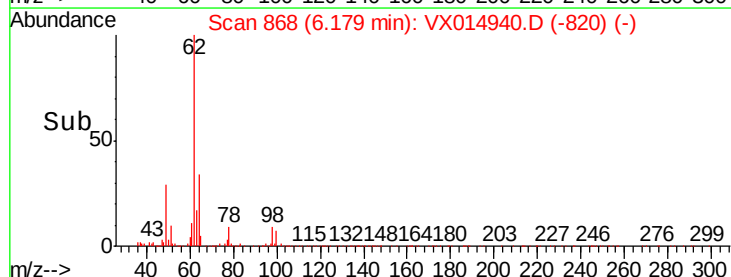
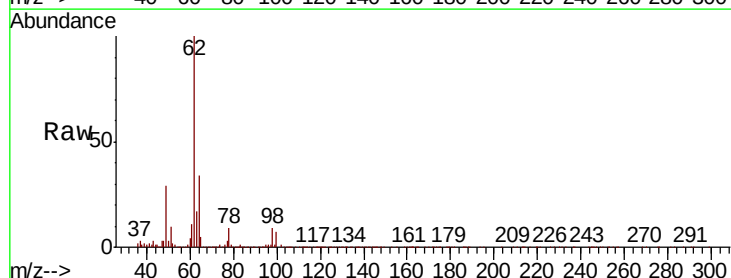
Acq: 14 Feb 2020 11:07

Tgt Ion: 62 Resp: 122969

Ion Ratio Lower Upper

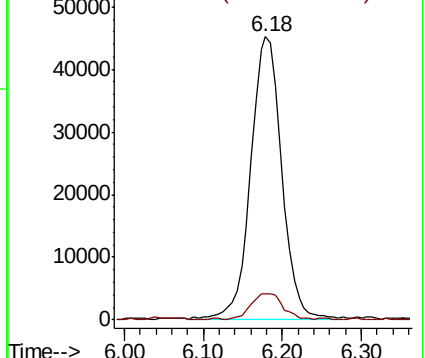
62 100

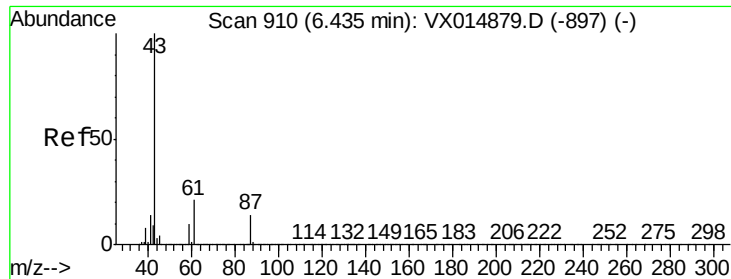
98 9.3 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



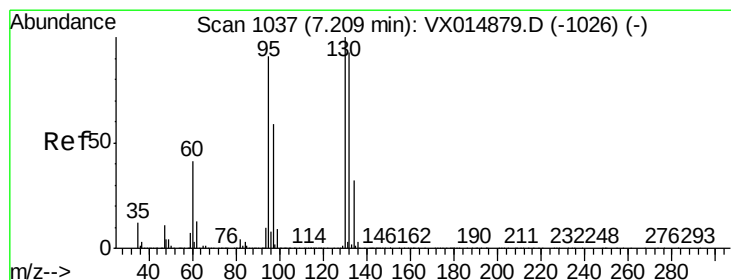
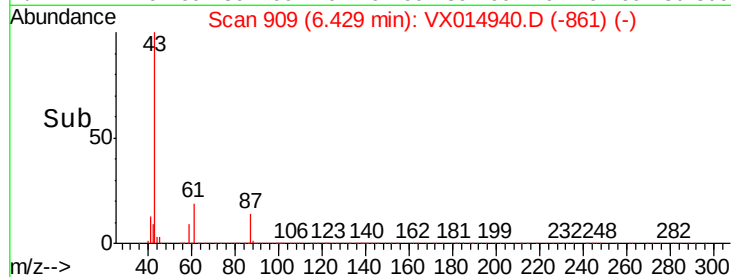
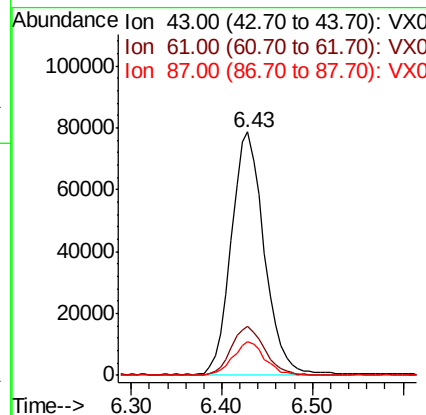
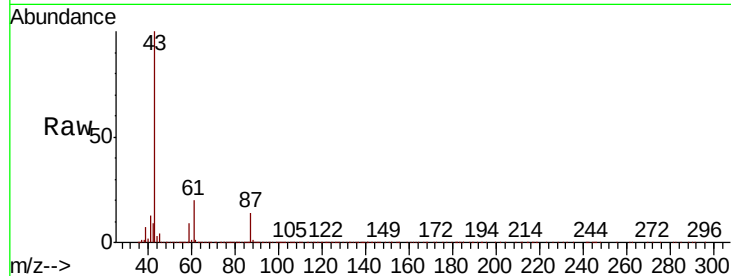


#43

Isopropyl Acetate
 Concen: 19.921 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :

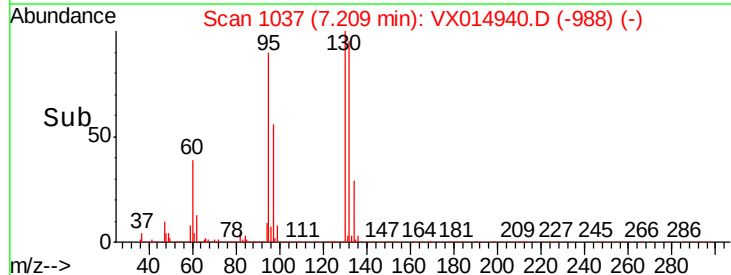
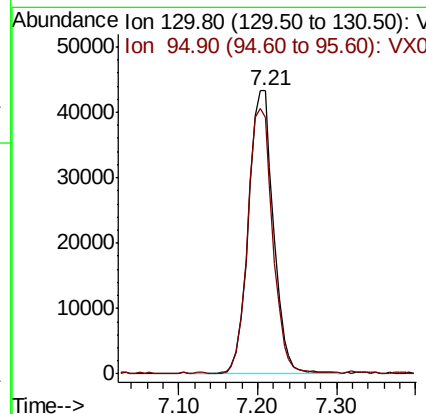
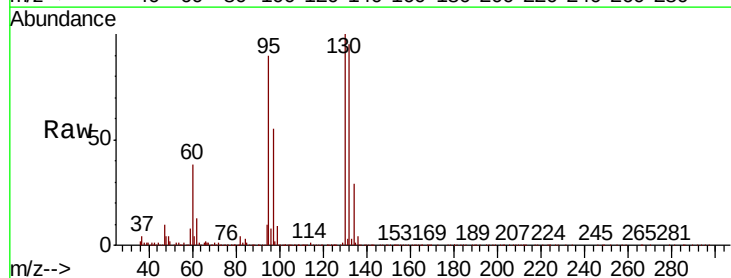
Tot Ion	43	Resp	196880
Ion Ratio	Lower	Upper	
43	100		
61	20.1	16.2	24.4
87	13.3	11.0	16.6

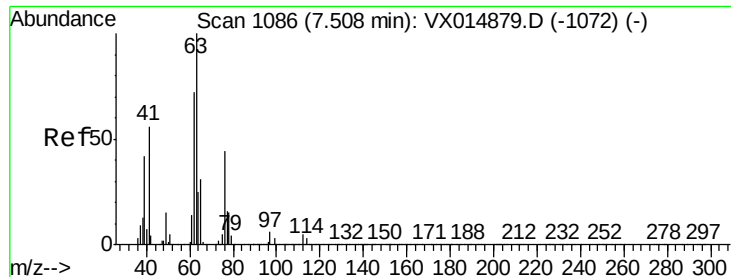


#44

Trichloroethene
 Concen: 19.090 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Tgt Ion	130	Resp	95110
Ion Ratio	Lower	Upper	
130	100		
95	90.3	0.0	182.6

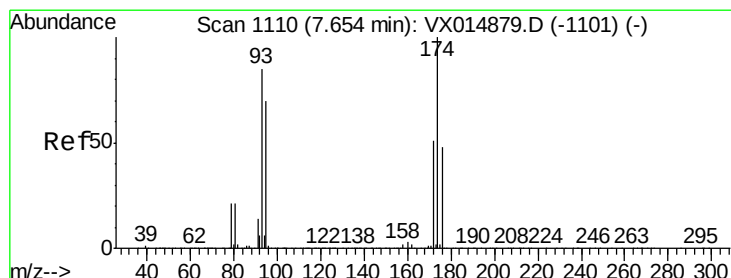
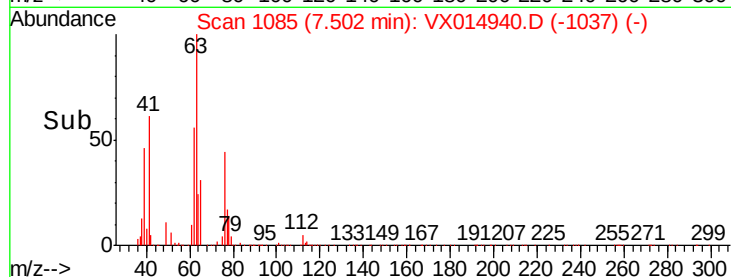
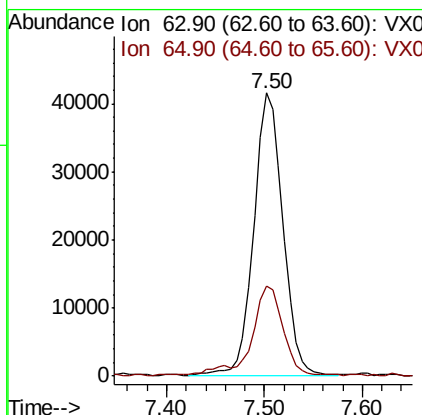
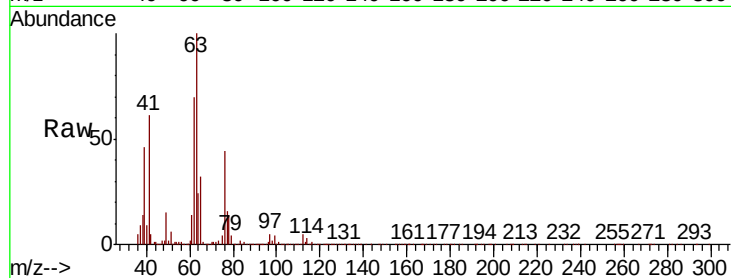




#45
 1,2-Dichloropropane
 Concen: 19.755 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

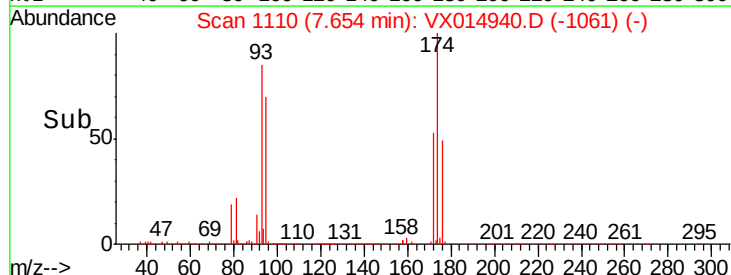
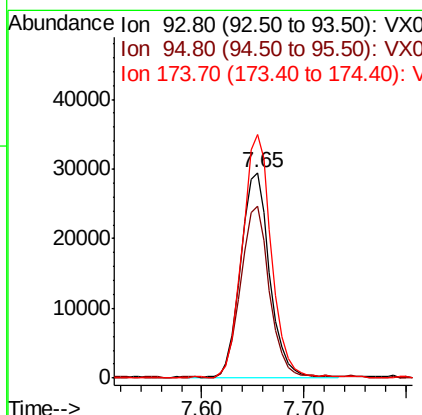
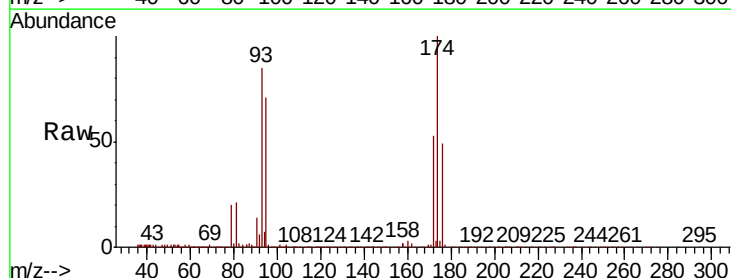
Instrument :
 MSVOA_X
 ClientSampleId :

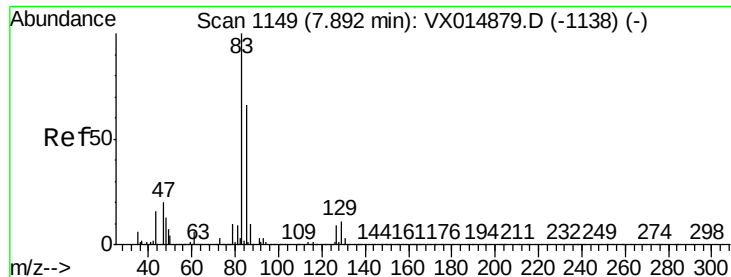
Tot Ion: 63 Resp: 86466
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.9 37.3



#46
 Dibromomethane
 Concen: 19.368 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Tgt Ion: 93 Resp: 57946
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.8
 174 117.9 95.4 143.2





#47

Bromodichloromethane

Concen: 19.593 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

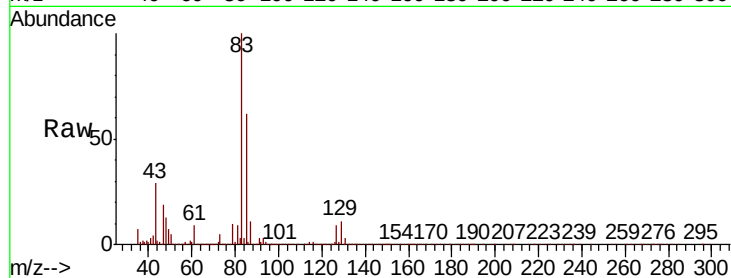
Tot Ion: 83 Resp: 116231

Ion Ratio Lower Upper

83 100

85 62.4 52.5 78.7

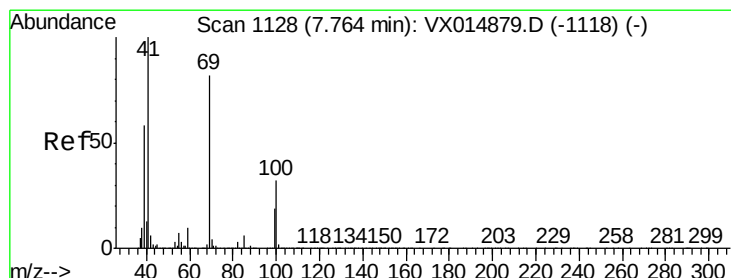
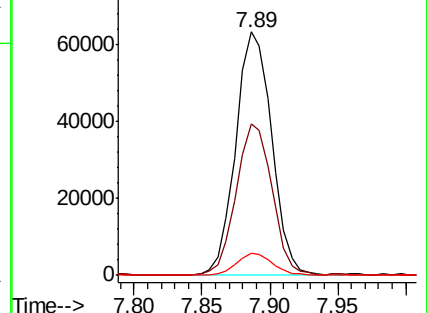
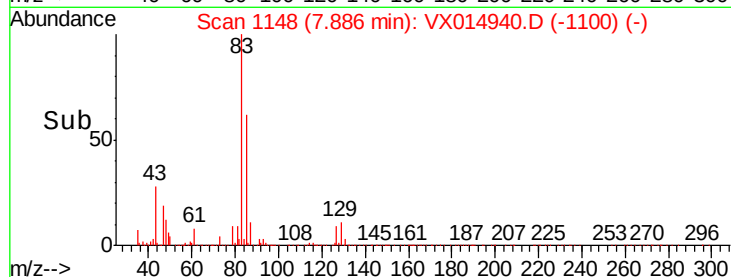
127 8.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.604 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

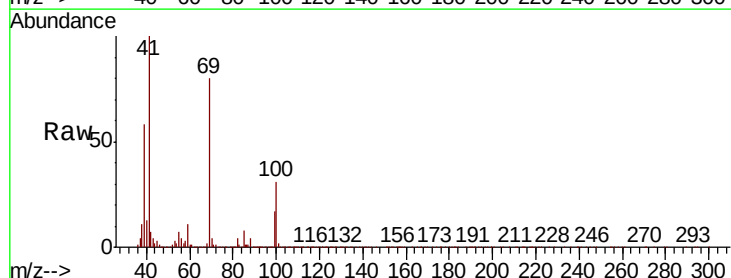
Tgt Ion: 41 Resp: 95350

Ion Ratio Lower Upper

41 100

69 83.2 65.7 98.5

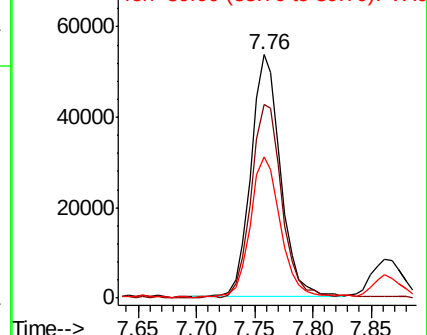
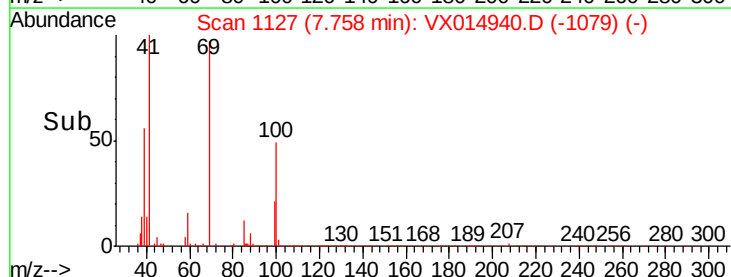
39 59.0 45.8 68.8

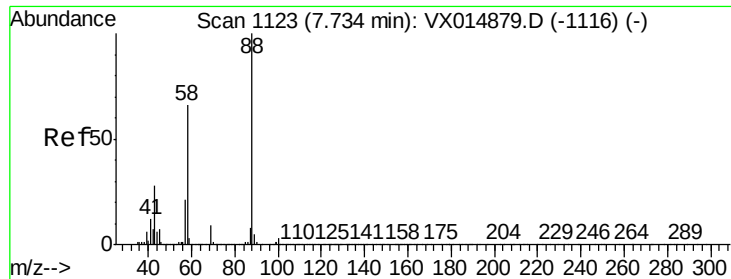


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 427.465 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

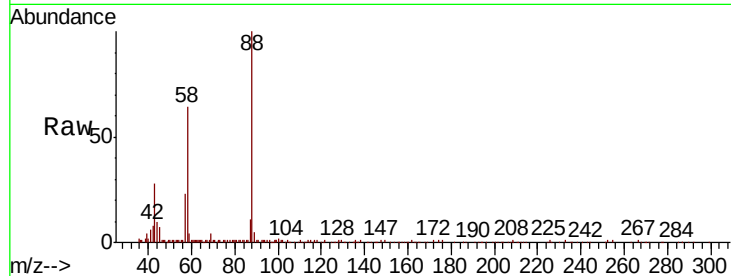
Tot Ion: 88 Resp: 38872

Ion Ratio Lower Upper

88 100

43 36.3 27.0 40.4

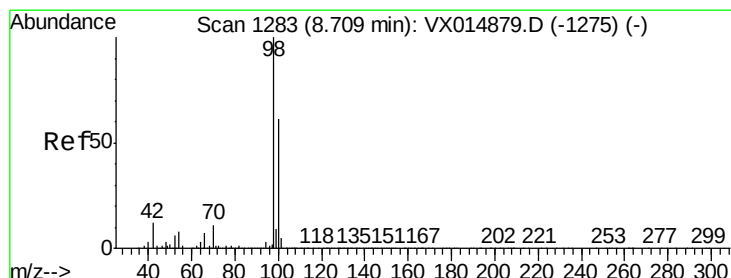
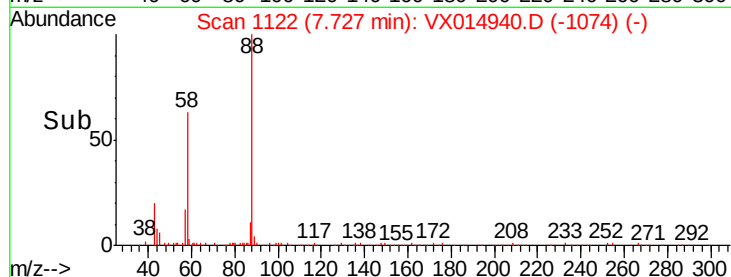
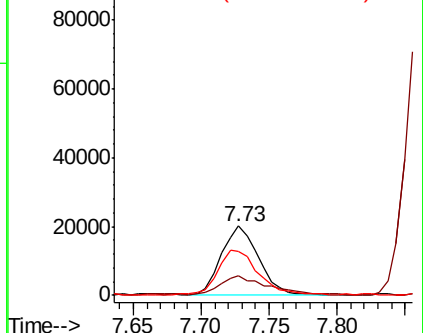
58 69.6 53.2 79.8



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: 50.229 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014940.D

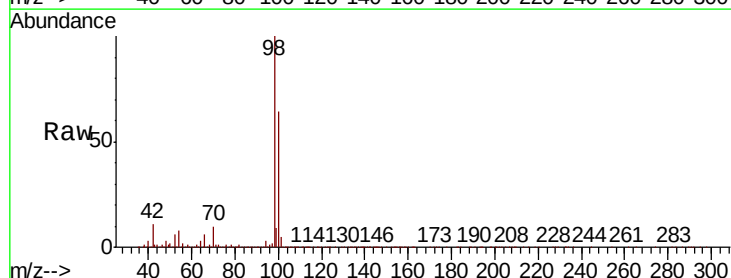
Acq: 14 Feb 2020 11:07

Tgt Ion: 98 Resp: 756888

Ion Ratio Lower Upper

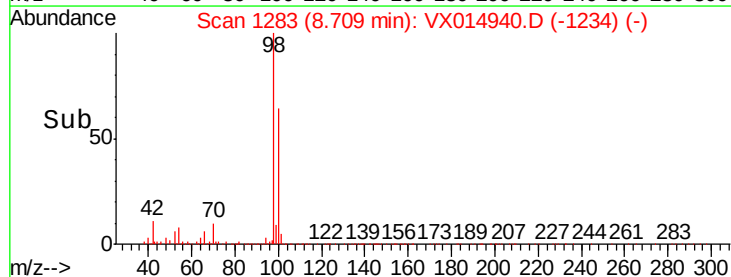
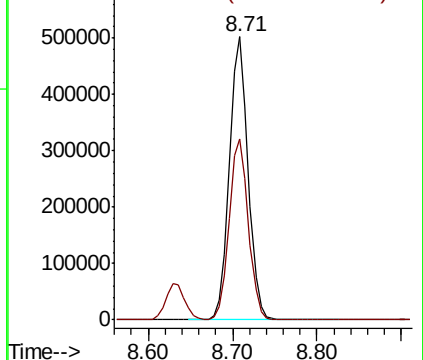
98 100

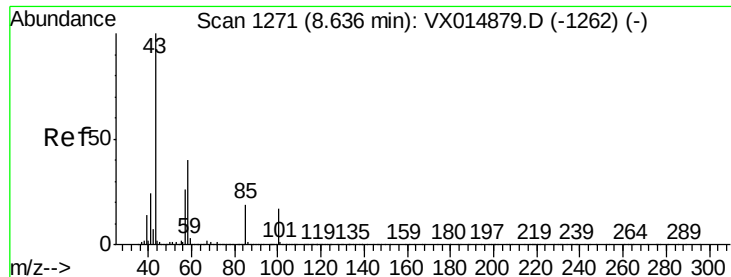
100 65.6 52.4 78.6



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: 99.144 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

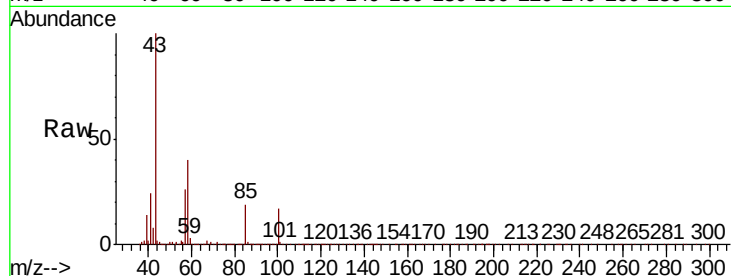
ClientSampleId :

Tot Ion: 43 Resp: 591646

Ion Ratio Lower Upper

43 100

58 40.0 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.63

400000

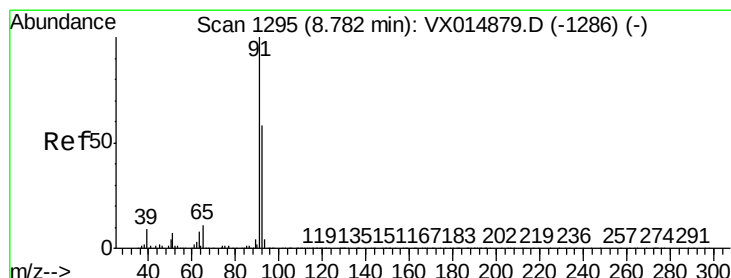
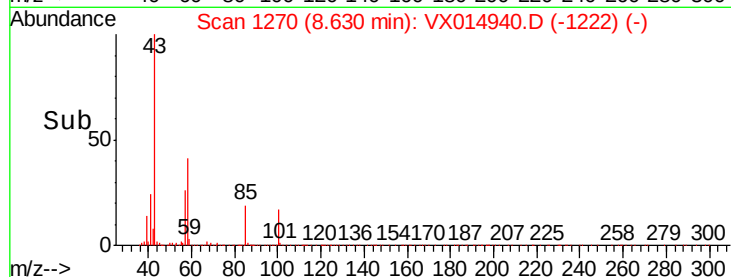
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.491 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014940.D

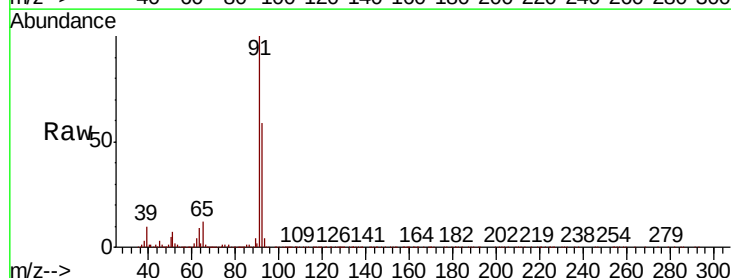
Acq: 14 Feb 2020 11:07

Tgt Ion: 92 Resp: 212460

Ion Ratio Lower Upper

92 100

91 171.3 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

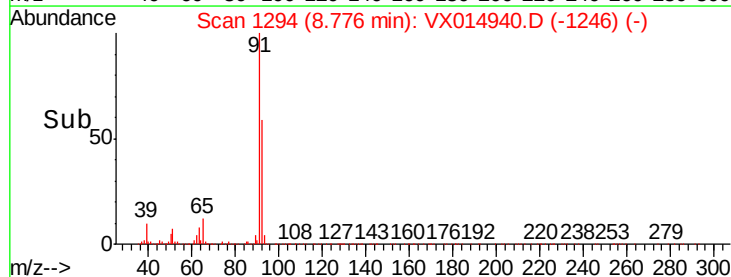
150000

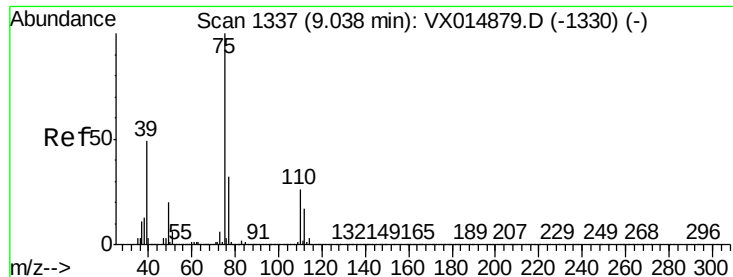
100000

50000

0

Time-->

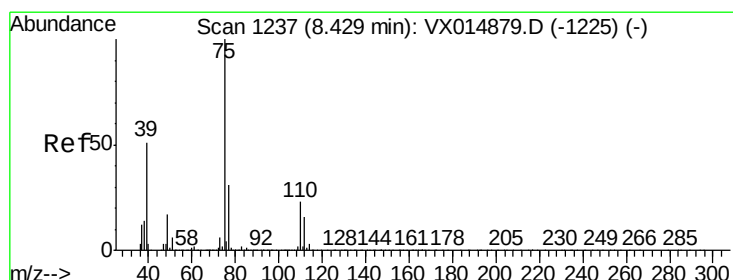
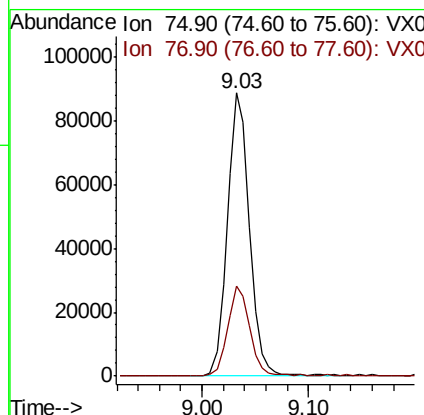
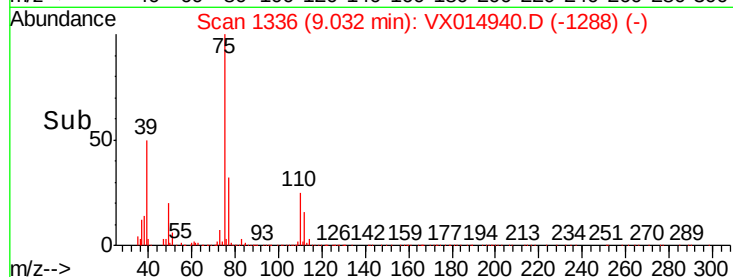
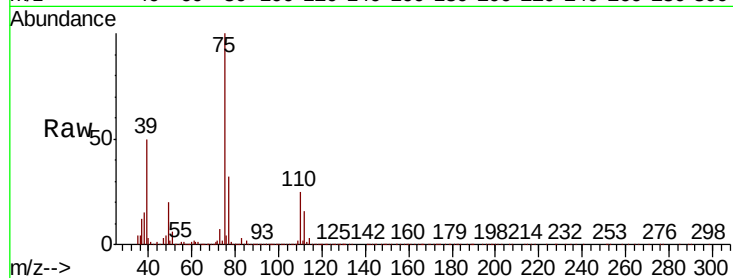




#53
t-1,3-Dichloropropene
Concen: 19.596 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

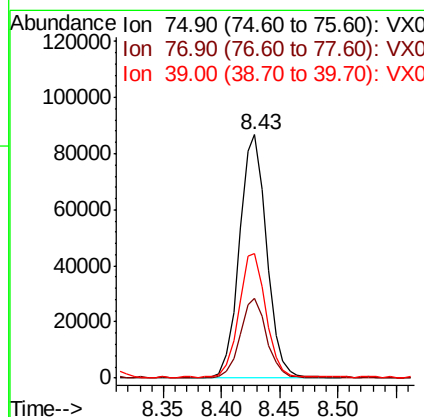
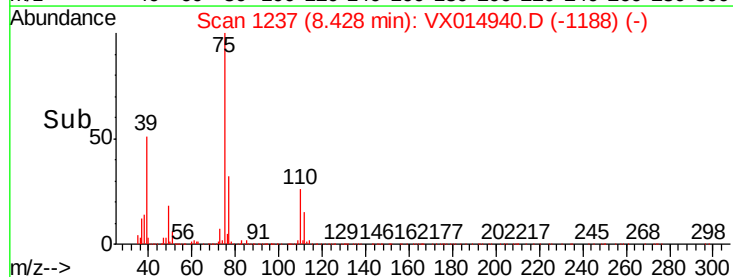
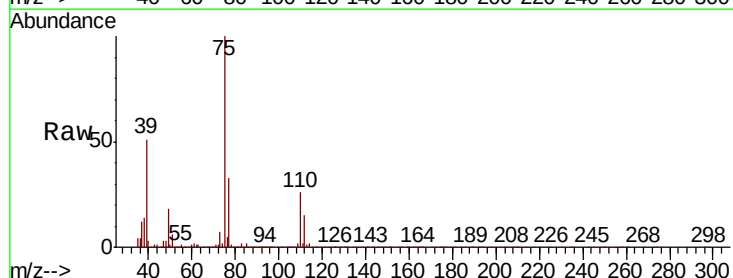
Instrument :
MSVOA_X
ClientSampleId :

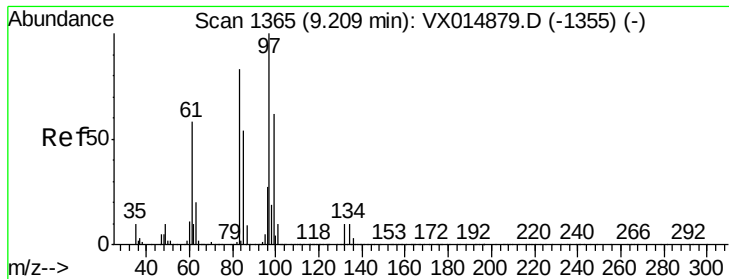
Tot Ion: 75 Resp: 127402
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 19.708 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion: 75 Resp: 141543
Ion Ratio Lower Upper
75 100
77 32.3 24.6 37.0
39 50.4 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 19.933 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 87909

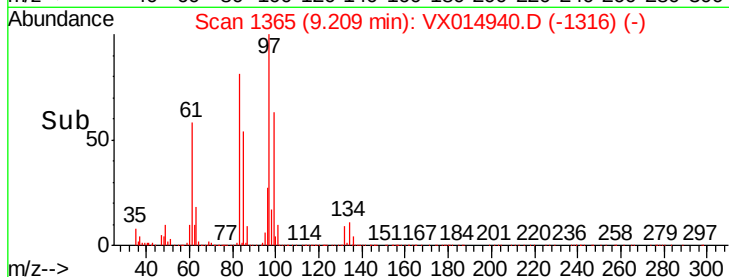
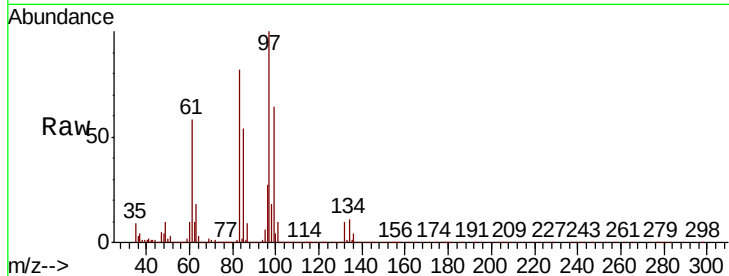
Ion Ratio Lower Upper

97 100

83 81.3 66.6 99.8

85 53.9 43.5 65.3

99 63.5 49.6 74.4

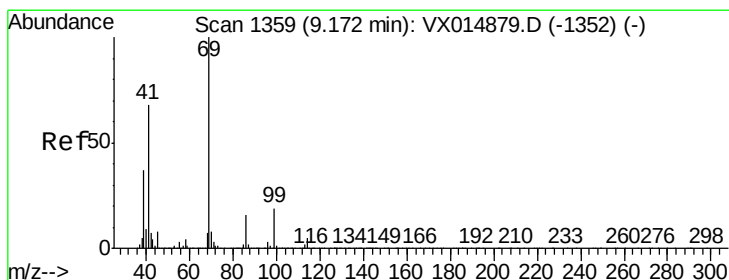
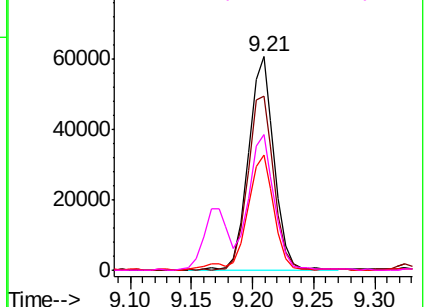


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.738 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

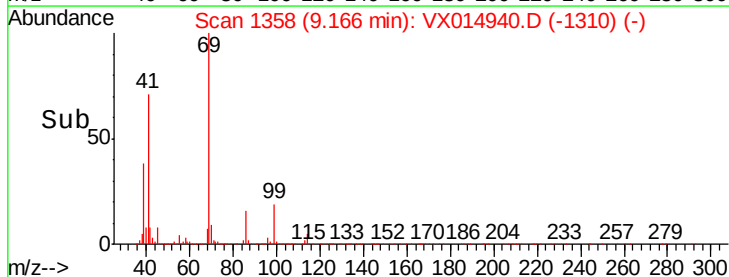
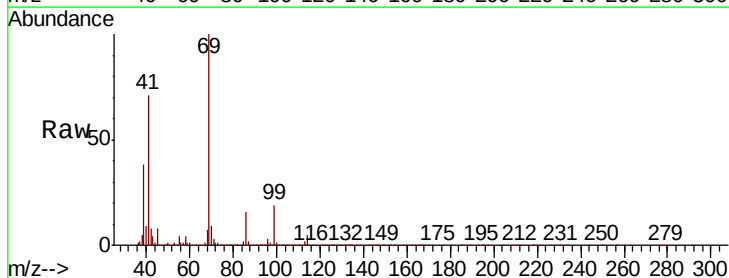
Tgt Ion: 69 Resp: 130837

Ion Ratio Lower Upper

69 100

41 68.2 54.8 82.2

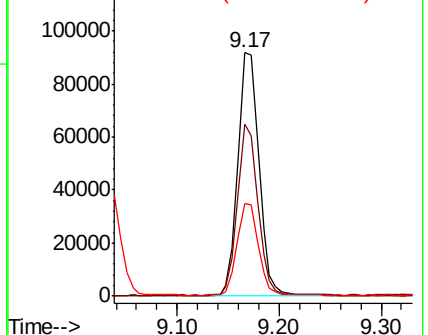
39 38.3 29.9 44.9

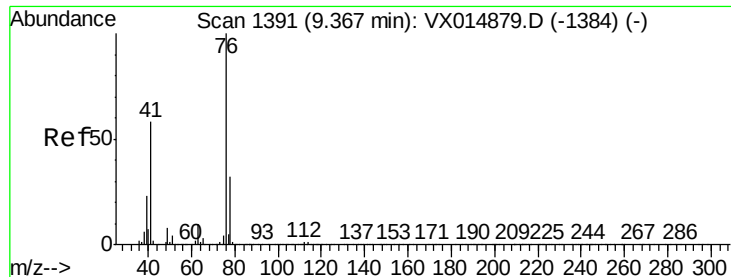


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.885 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

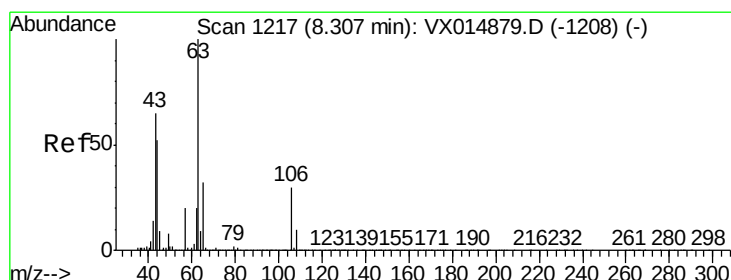
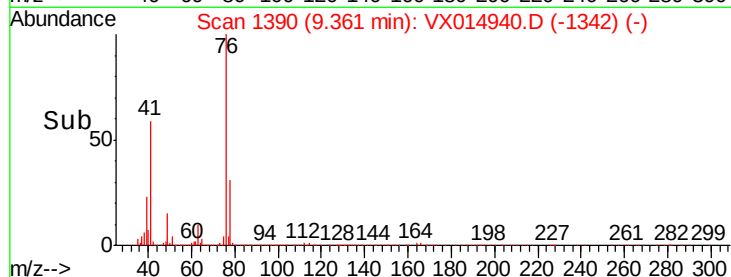
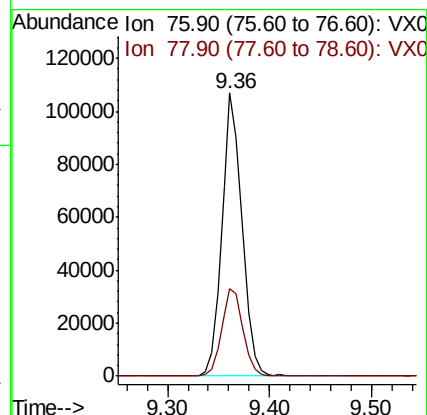
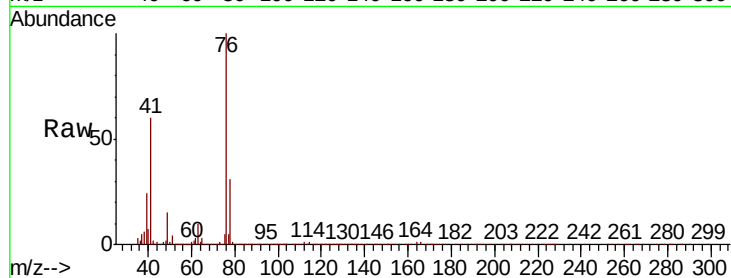
ClientSampleId :

Tot Ion: 76 Resp: 147620

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.054 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014940.D

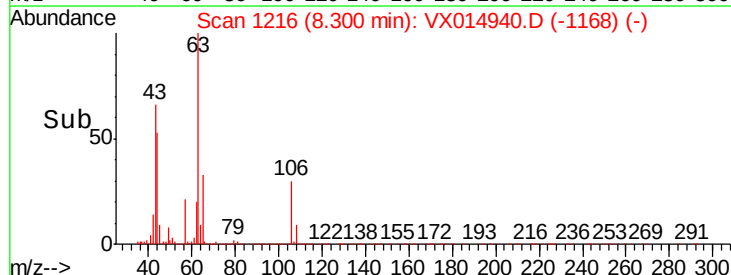
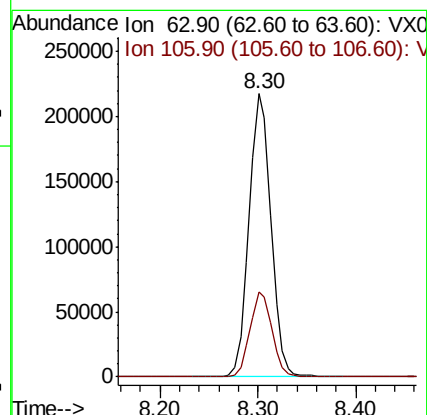
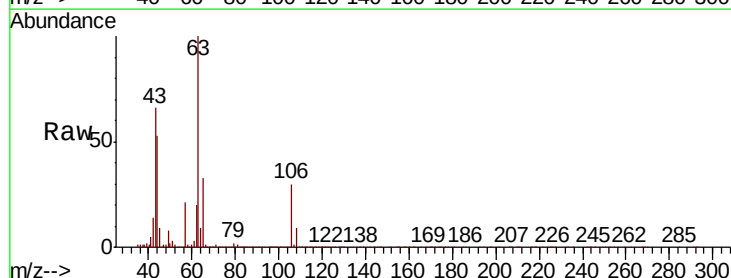
Acq: 14 Feb 2020 11:07

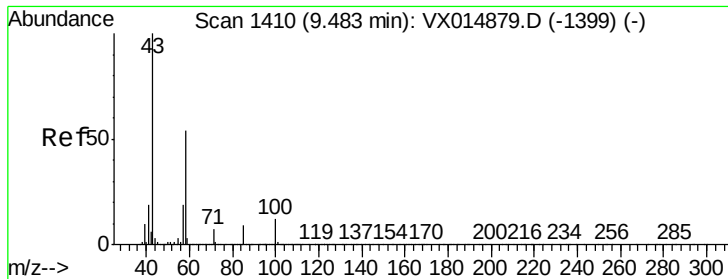
Tgt Ion: 63 Resp: 339928

Ion Ratio Lower Upper

63 100

106 29.9 23.8 35.8





#59

2-Hexanone

Concen: 99.179 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

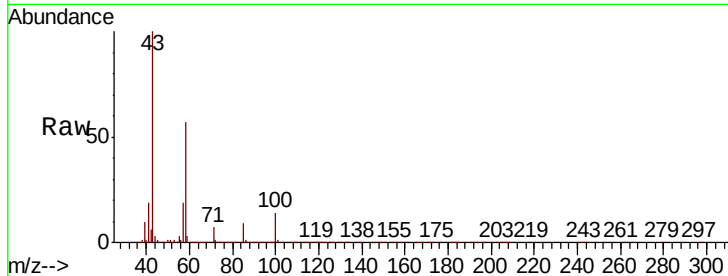
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 465204

Ion Ratio Lower Upper

43 100

58 54.9 27.5 82.5



Abundance Ion 43.00 (42.70 to 43.70): VX014879.D (-1399) (-)

Ion 58.00 (57.70 to 58.70): VX014879.D (-1399) (-)

9.48

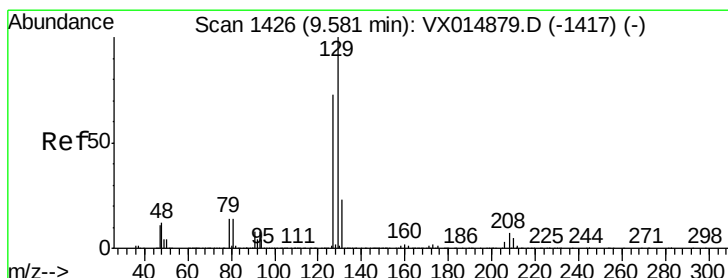
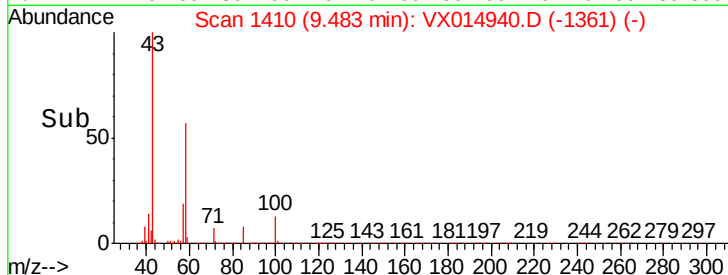
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 19.785 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014940.D

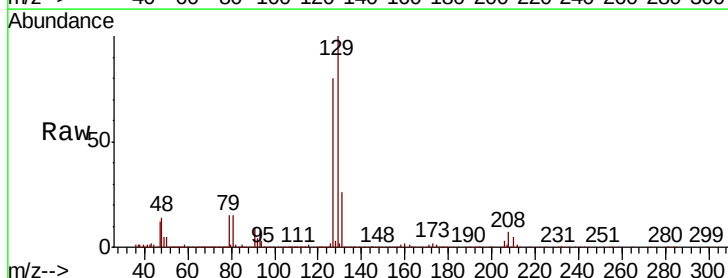
Acq: 14 Feb 2020 11:07

Tgt Ion: 129 Resp: 93899

Ion Ratio Lower Upper

129 100

127 77.4 37.8 113.3



Abundance Ion 128.80 (128.50 to 129.50): VX014879.D (-1417) (-)

Ion 126.80 (126.50 to 127.50): VX014879.D (-1417) (-)

9.57

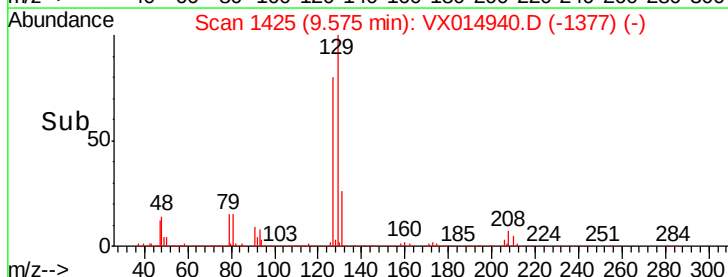
60000

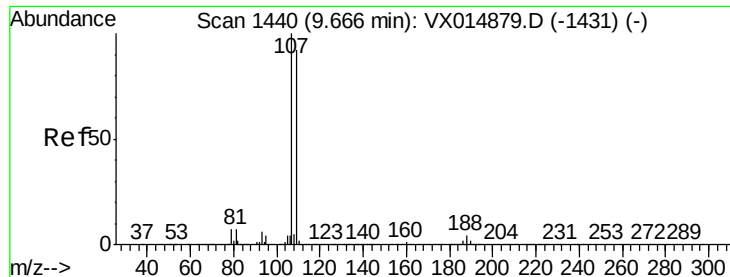
40000

20000

0

Time-->





#61

1,2-Dibromoethane

Concen: 18.922 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

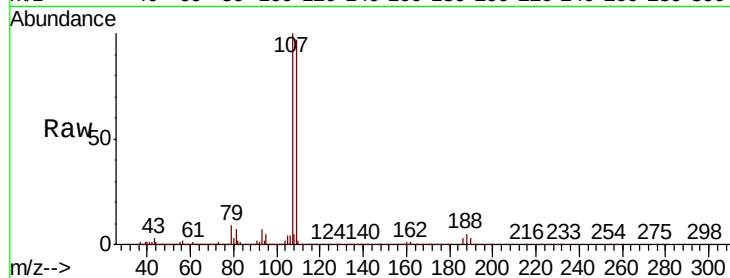
ClientSampleId :

Tot Ion:107 Resp: 90037

Ion Ratio Lower Upper

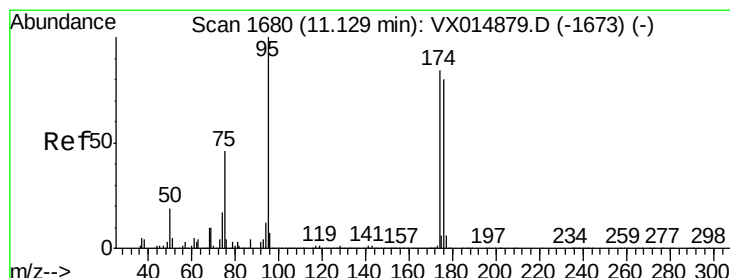
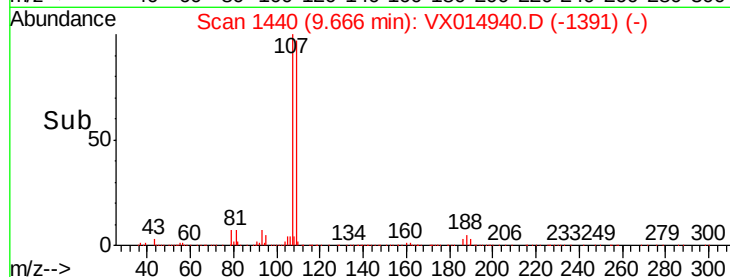
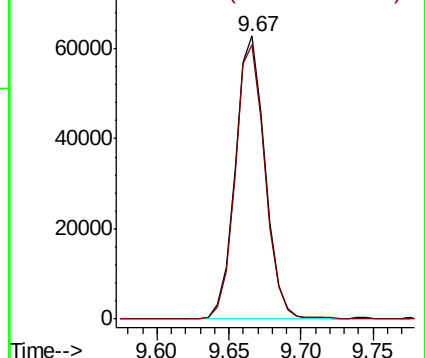
107 100

109 97.0 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.494 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

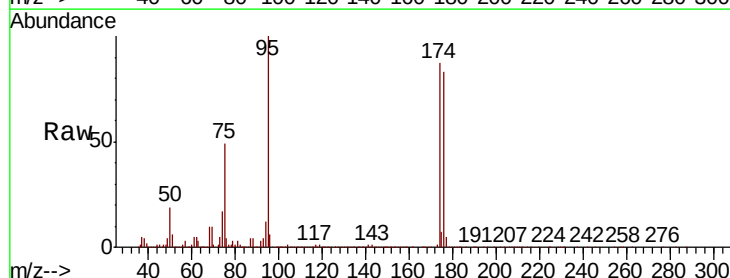
Tgt Ion: 95 Resp: 279522

Ion Ratio Lower Upper

95 100

174 90.9 0.0 183.0

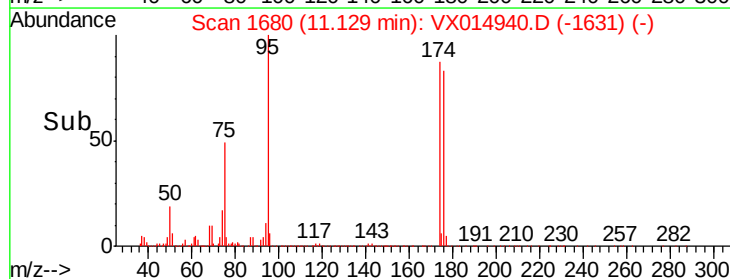
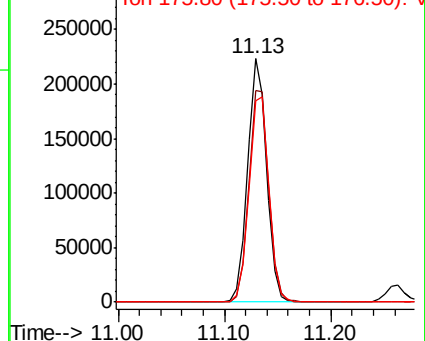
176 88.6 0.0 178.0

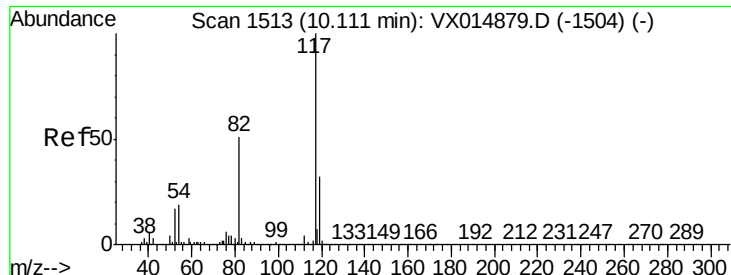


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

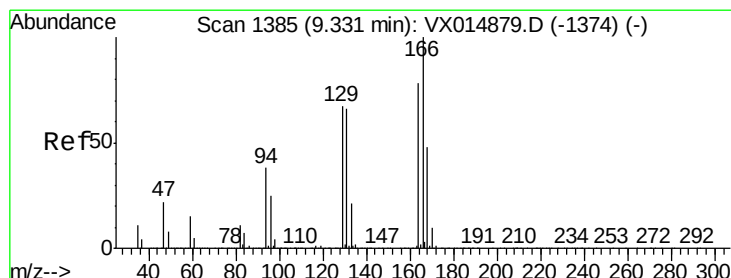
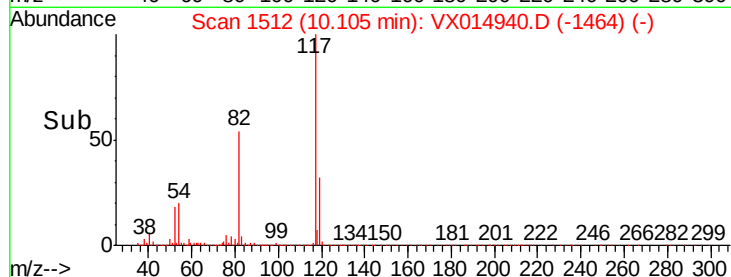
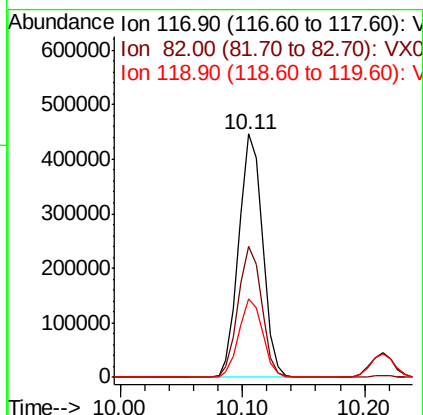
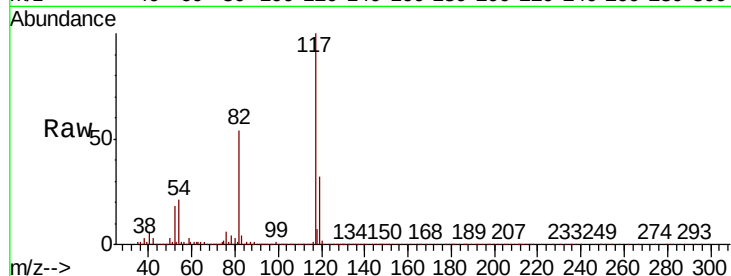




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

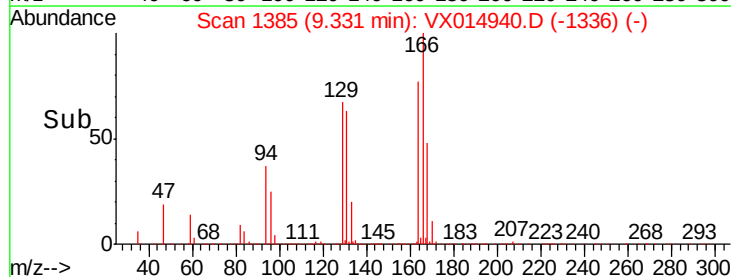
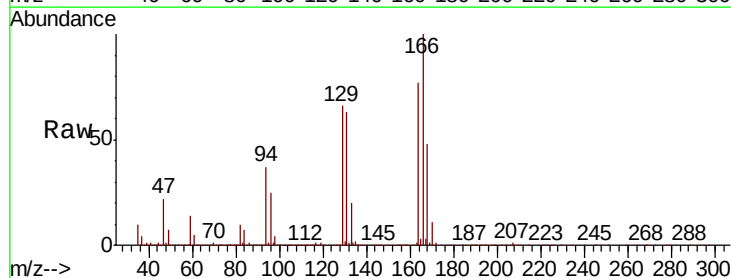
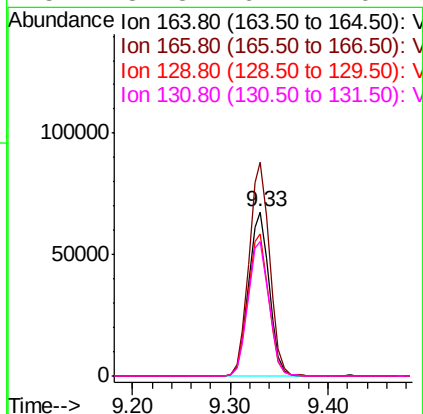
Instrument :
MSVOA_X
ClientSampled :

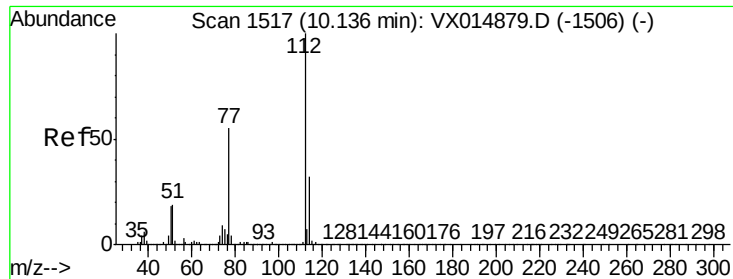
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	40.5	60.7
119	32.0	25.8	38.6



#64
Tetrachloroethene
Concen: 17.618 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	102.6	153.8
129	86.1	68.3	102.5
131	81.3	67.4	101.2

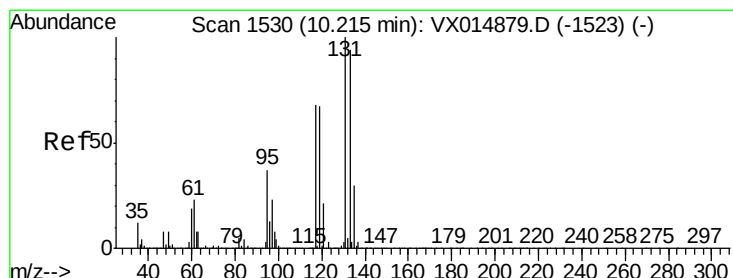
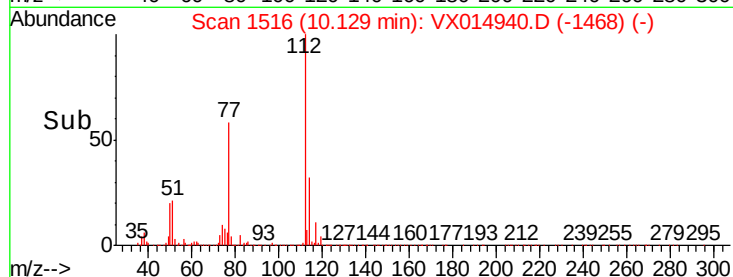
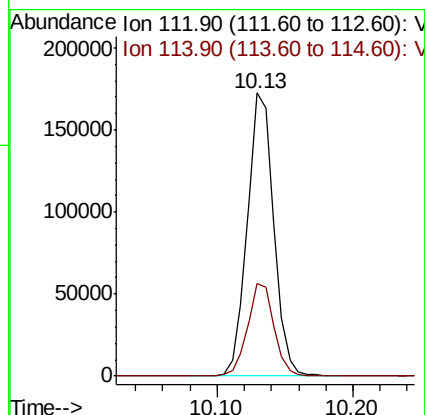
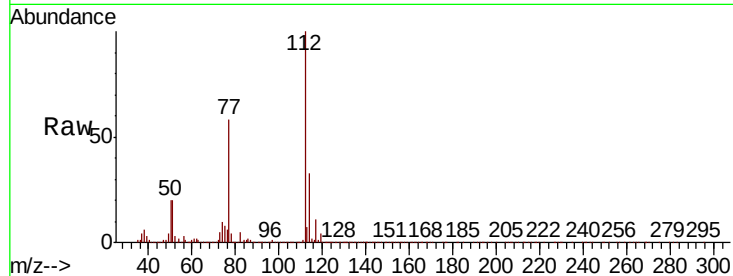




#65
Chlorobenzene
Concen: 19.375 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

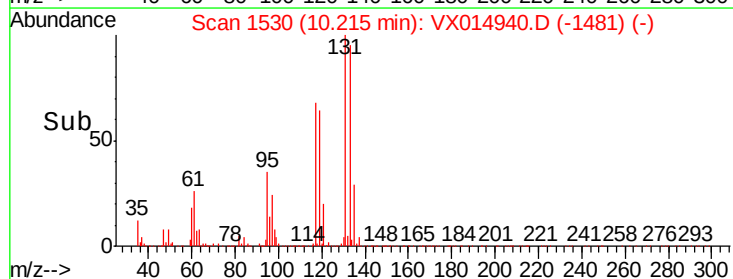
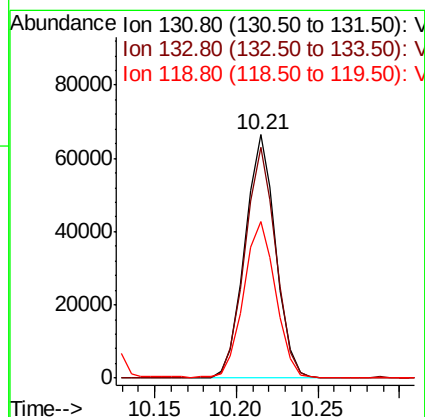
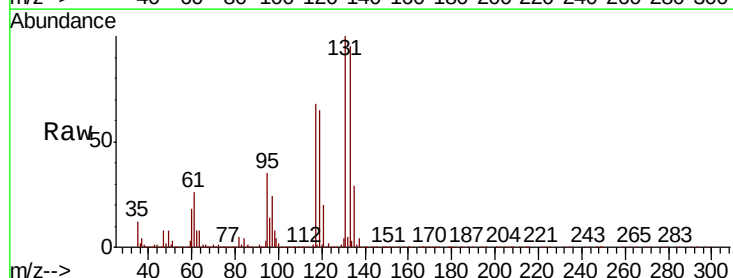
Instrument :
MSVOA_X
ClientSampleId :

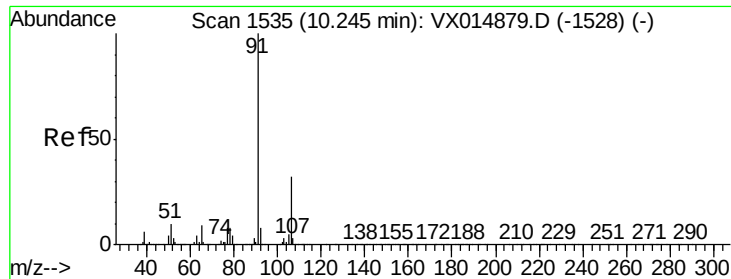
Tot Ion:112 Resp: 235083
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.727 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion:131 Resp: 86897
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.4
119 67.5 33.0 99.0





#67

Ethyl Benzene

Concen: 19.507 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

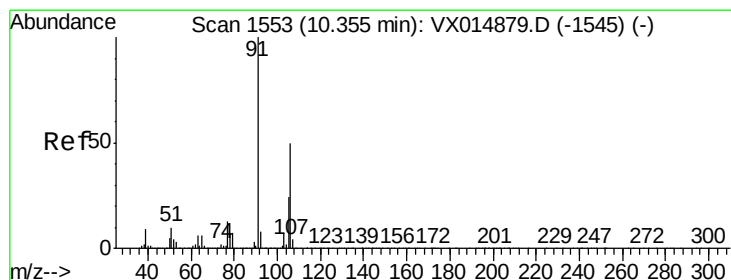
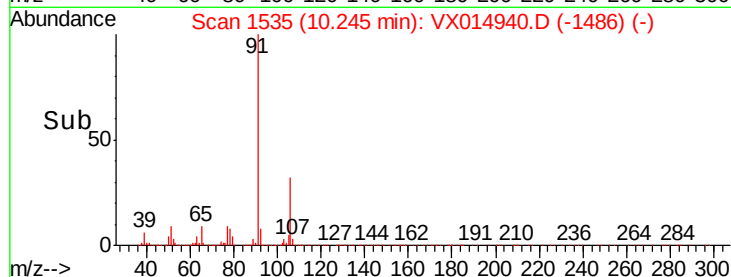
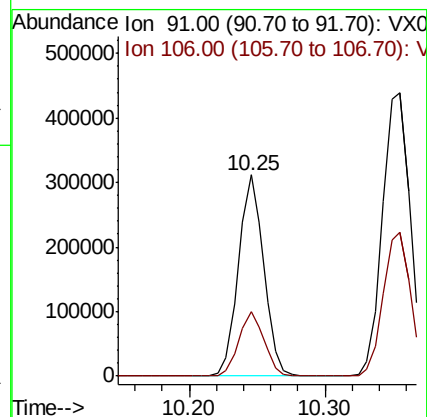
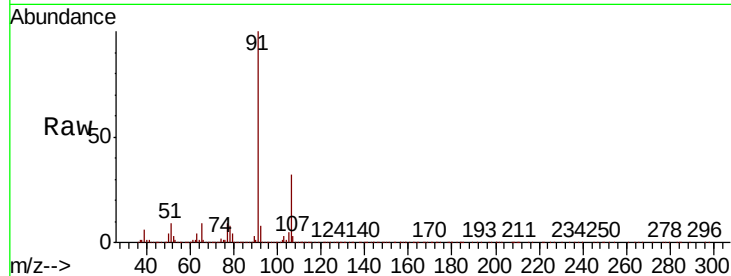
ClientSampleId :

Tot Ion: 91 Resp: 402528

Ion Ratio Lower Upper

91 100

106 31.8 25.3 37.9



#68

m/p-Xylenes

Concen: 39.205 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014940.D

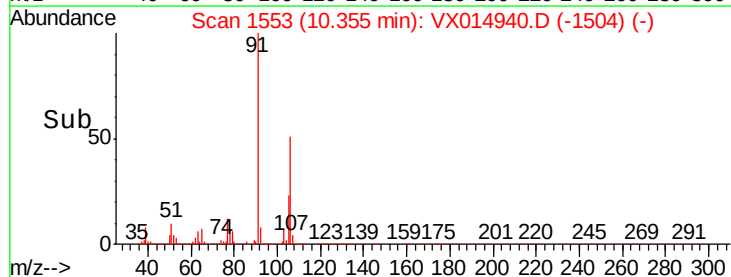
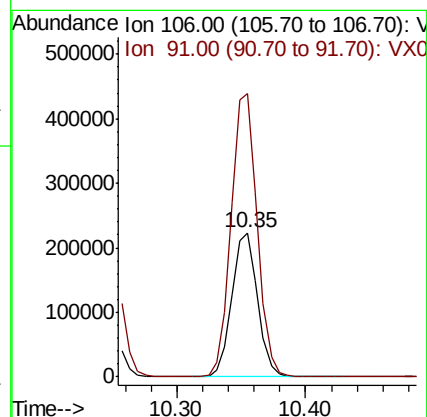
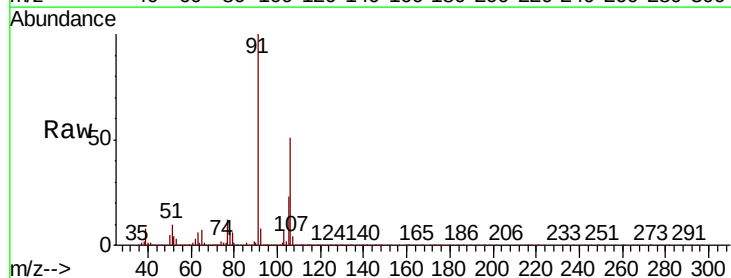
Acq: 14 Feb 2020 11:07

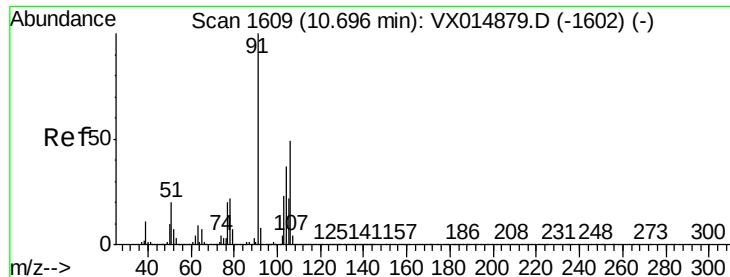
Tgt Ion: 106 Resp: 311649

Ion Ratio Lower Upper

106 100

91 200.3 160.6 240.8

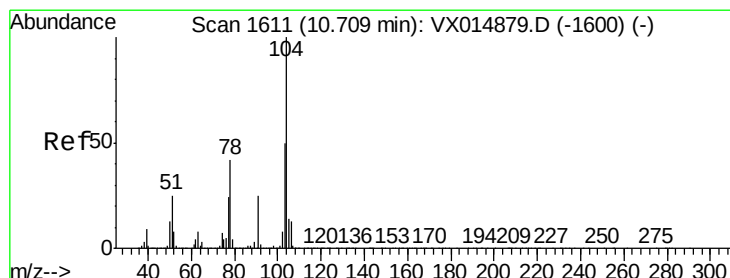
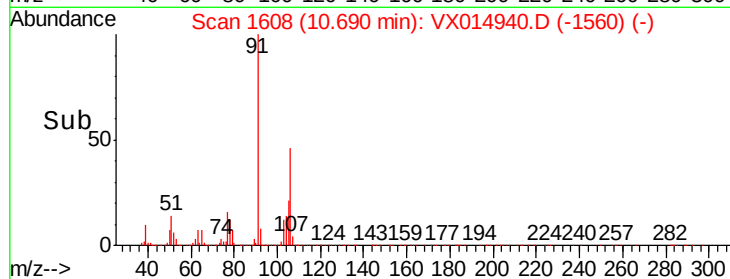
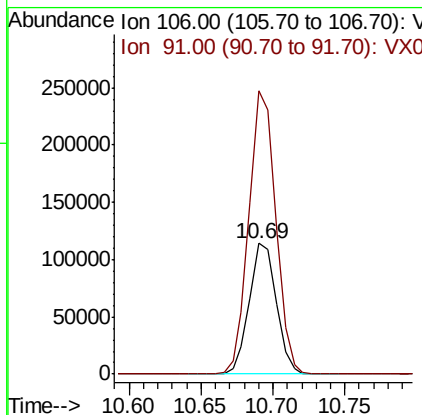
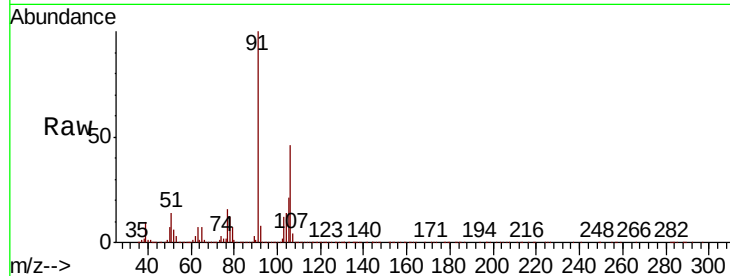




#69
o-Xylene
Concen: 19.440 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

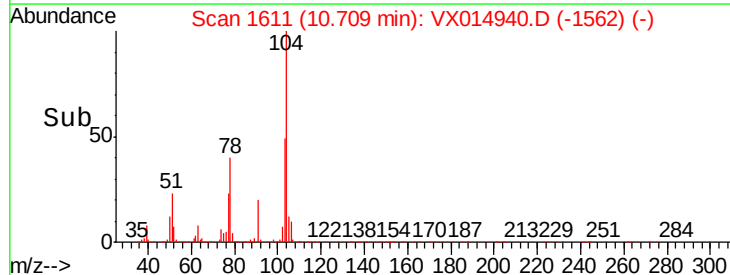
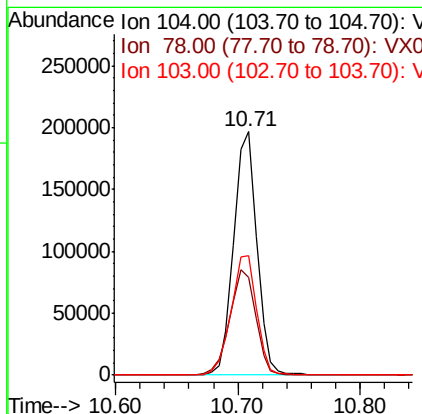
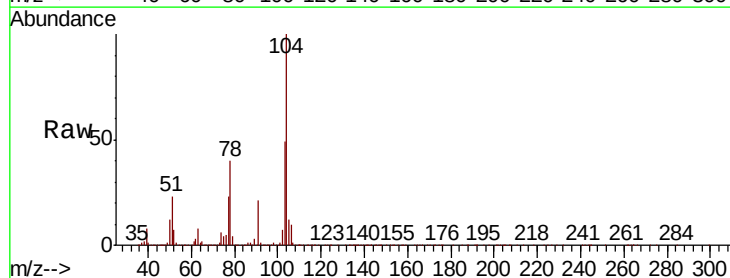
Instrument :
MSVOA_X
ClientSampled :

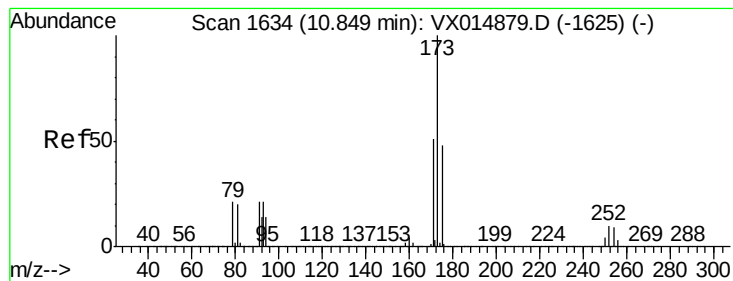
Tot Ion:106 Resp: 148551
Ion Ratio Lower Upper
106 100
91 214.7 105.1 315.3



#70
Styrene
Concen: 19.841 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion:104 Resp: 256492
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 54.6 43.4 65.0





#71

Bromoform

Concen: 19.853 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

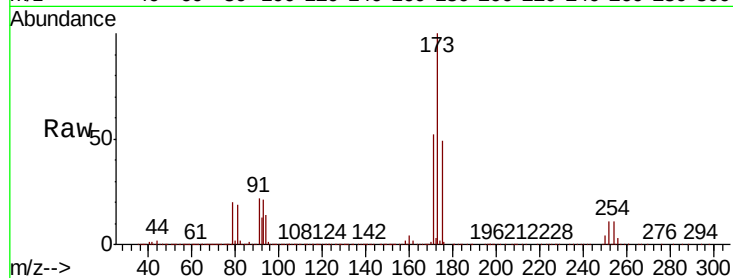
Tot Ion:173 Resp: 72994

Ion Ratio Lower Upper

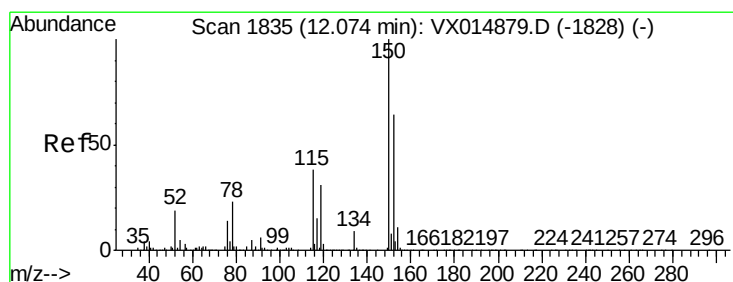
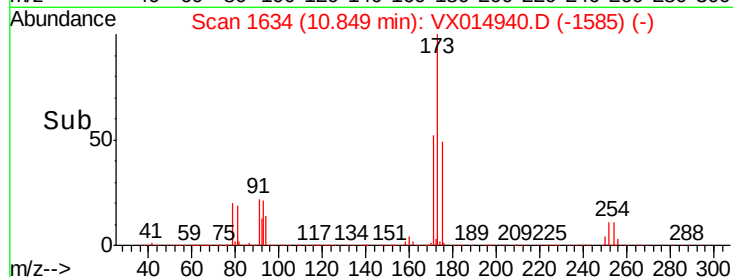
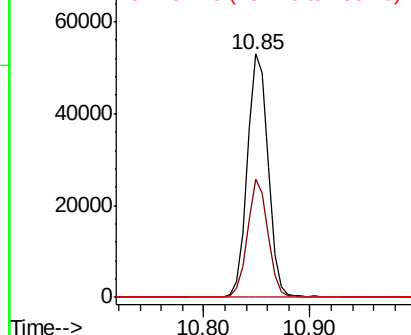
173 100

175 47.6 24.2 72.6

254 0.4 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

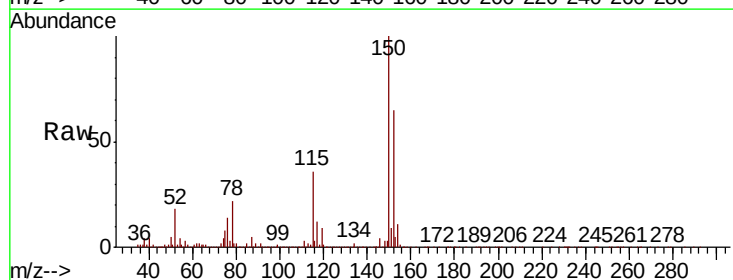
Tgt Ion:152 Resp: 318137

Ion Ratio Lower Upper

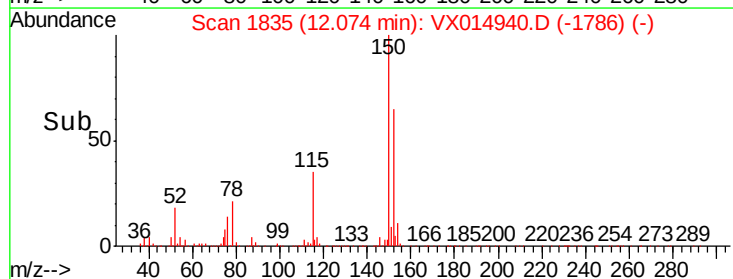
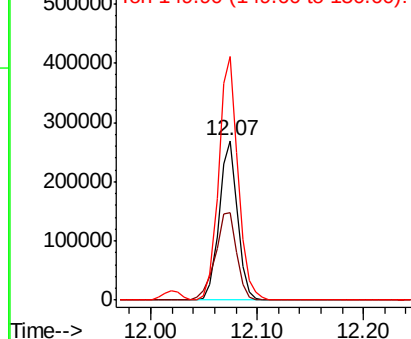
152 100

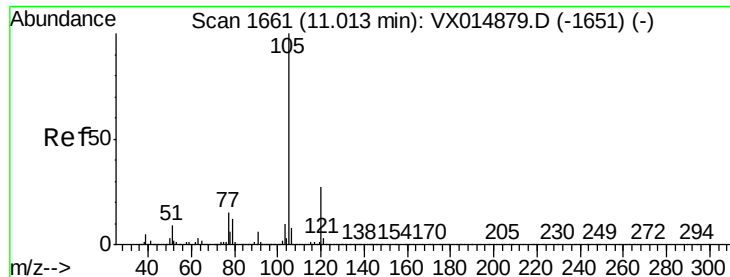
115 63.8 38.6 116.0

150 161.9 0.0 349.0



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

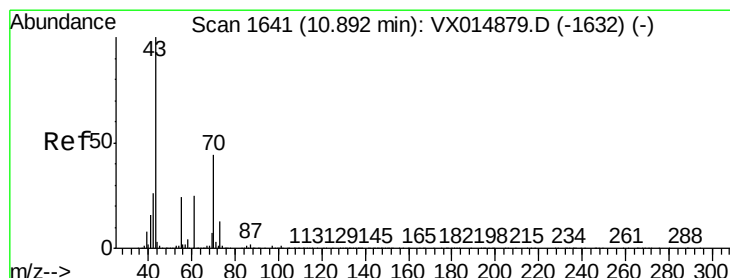
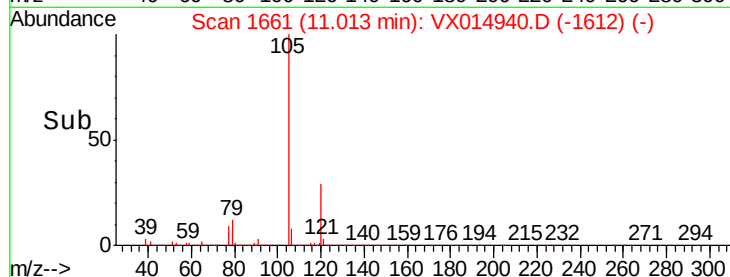
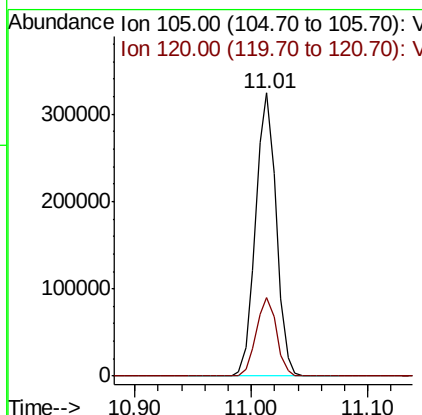
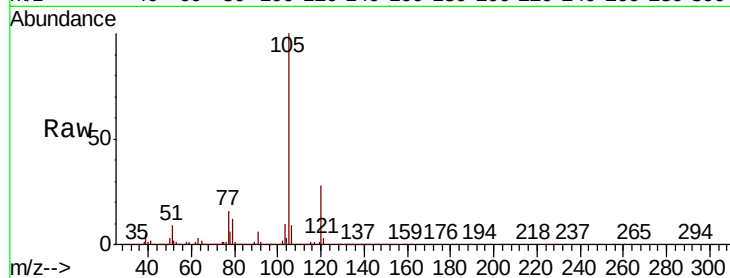




#73
Isopropylbenzene
Concen: 20.130 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

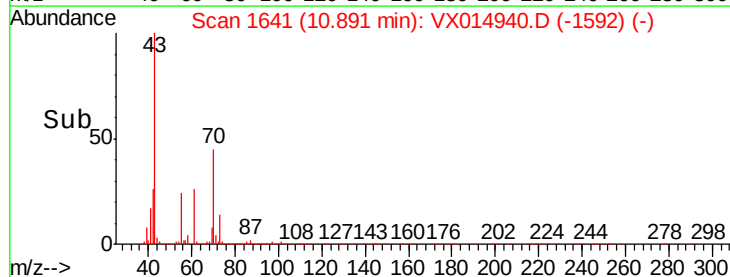
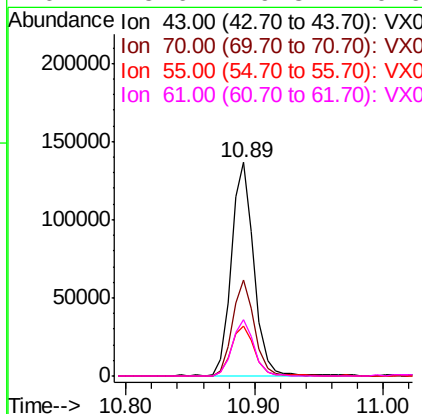
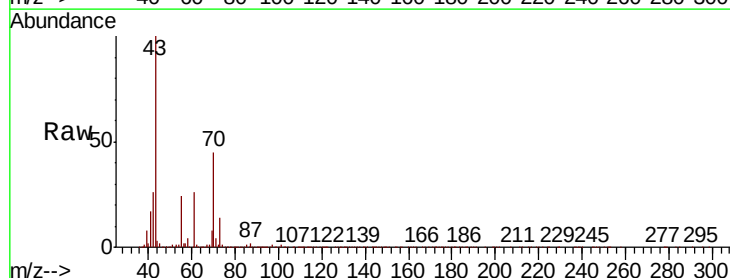
Instrument :
MSVOA_X
ClientSampleId :

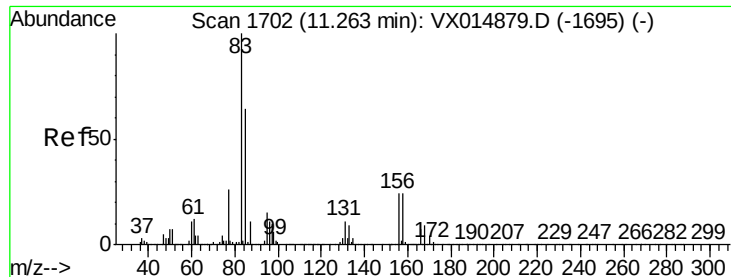
Tot Ion:105 Resp: 401613
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.8



#74
N-ethyl acetate
Concen: 20.011 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion: 43 Resp: 165881
Ion Ratio Lower Upper
43 100
70 43.9 35.0 52.4
55 24.1 19.4 29.2
61 25.6 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.747 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampled :

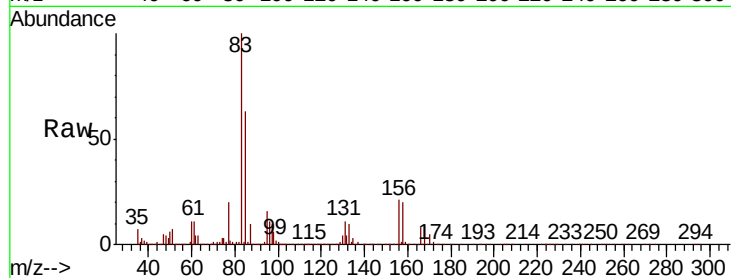
Tot Ion: 83 Resp: 128785

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

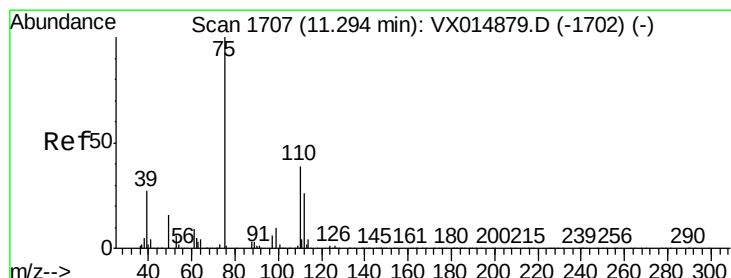
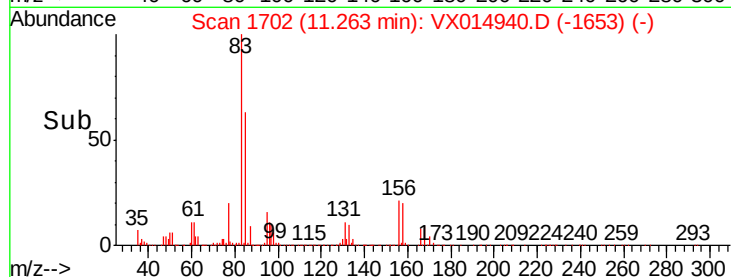
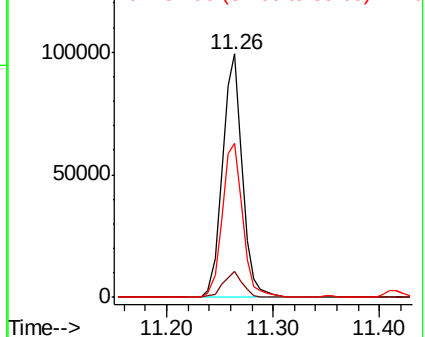
85 64.9 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.547 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014940.D

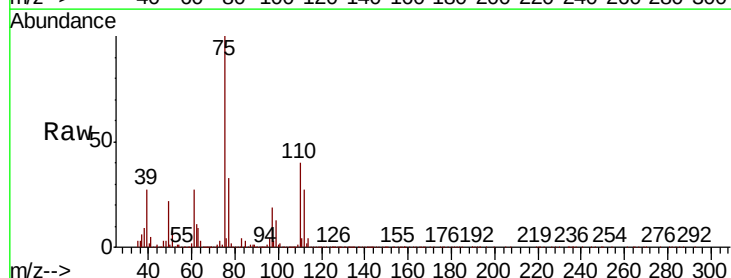
Acq: 14 Feb 2020 11:07

Tgt Ion: 75 Resp: 146973

Ion Ratio Lower Upper

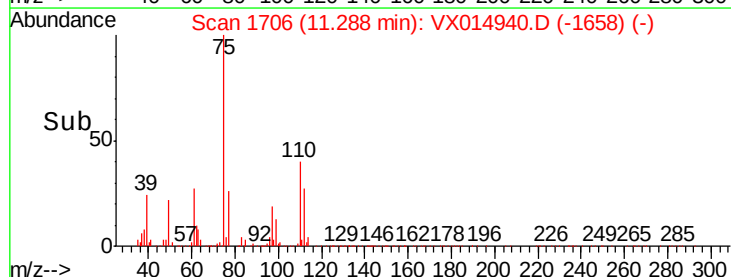
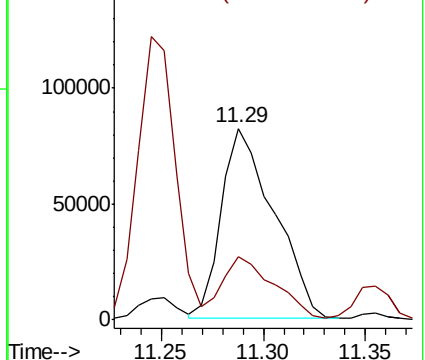
75 100

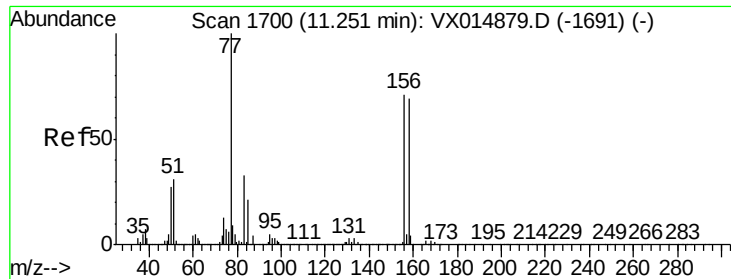
77 32.6 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.888 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

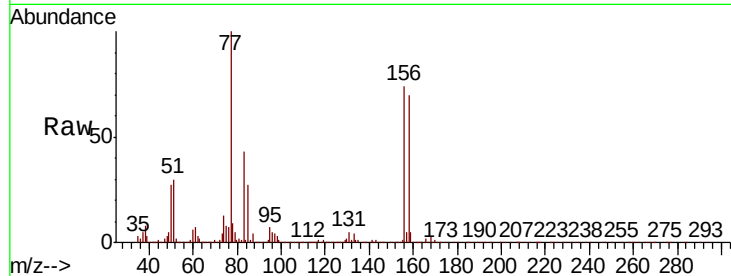
Tot Ion:156 Resp: 110746

Ion Ratio Lower Upper

156 100

77 142.0 74.0 222.0

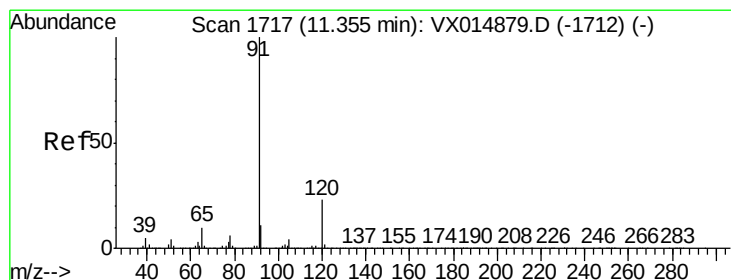
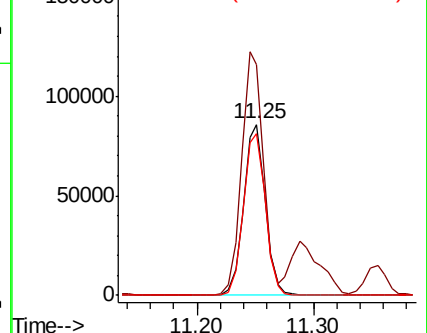
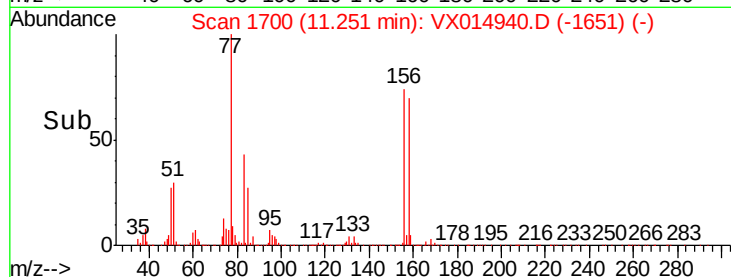
158 96.5 48.9 146.6



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: 19.762 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014940.D

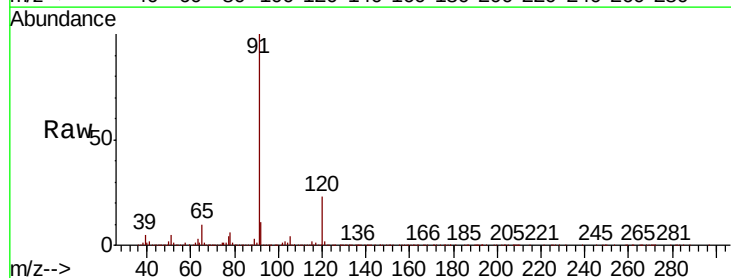
Acq: 14 Feb 2020 11:07

Tgt Ion: 91 Resp: 456008

Ion Ratio Lower Upper

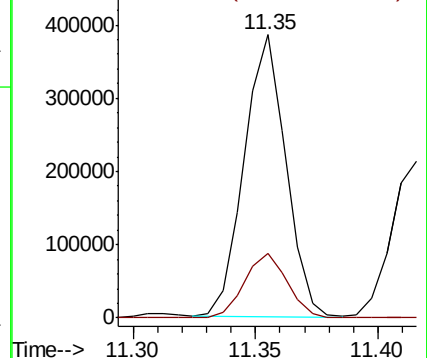
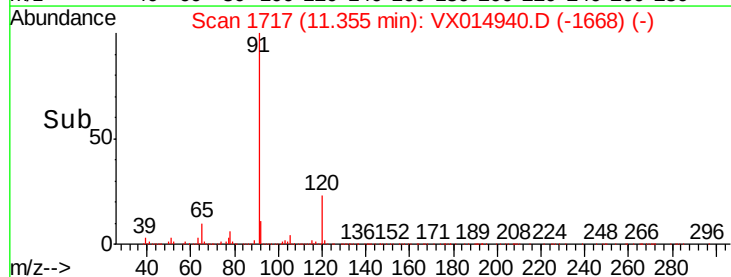
91 100

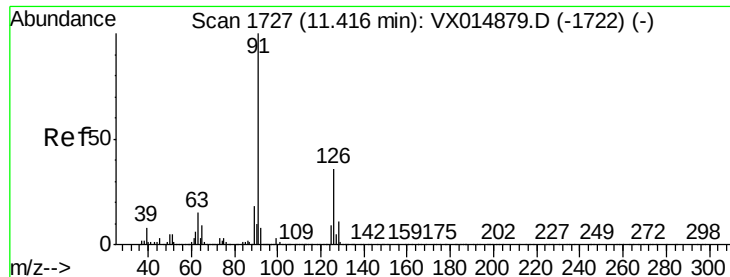
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.926 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

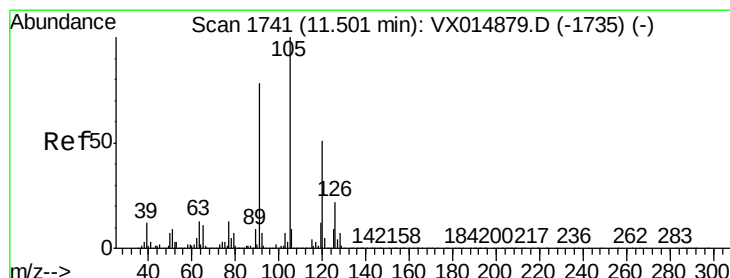
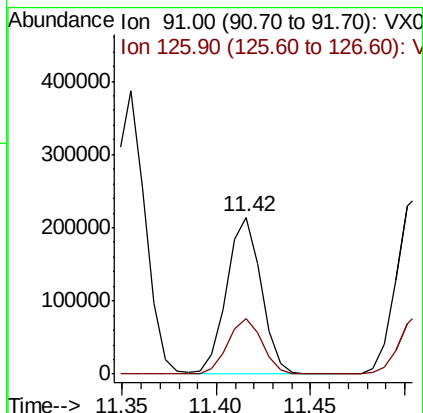
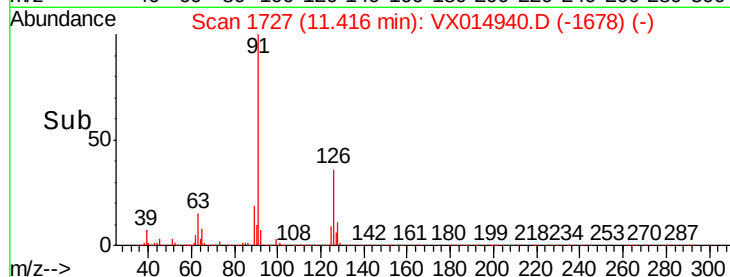
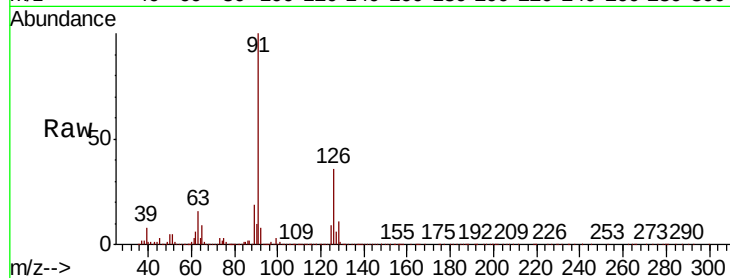
ClientSampled :

Tot Ion: 91 Resp: 270308

Ion Ratio Lower Upper

91 100

126 35.7 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 20.180 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014940.D

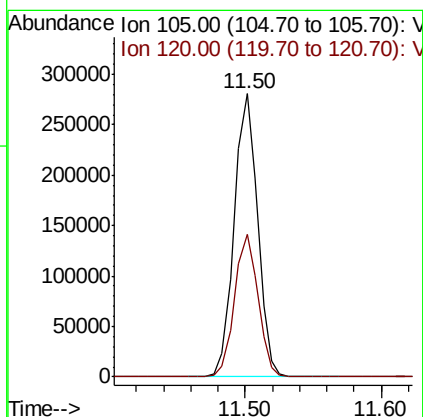
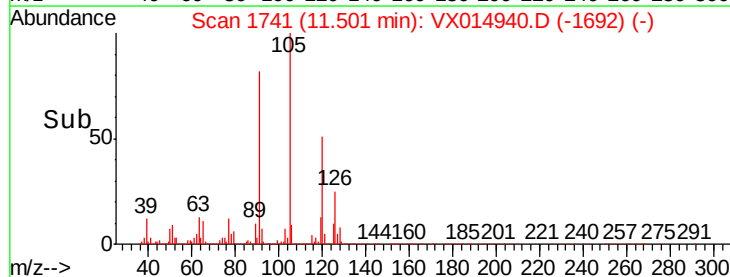
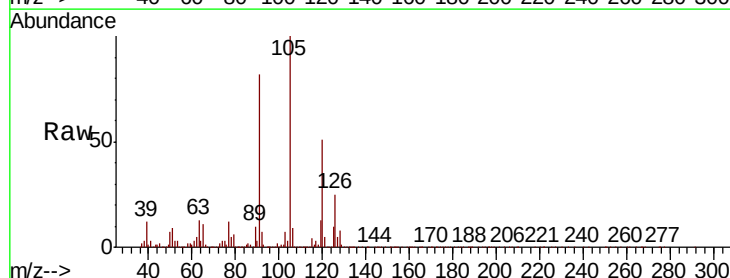
Acq: 14 Feb 2020 11:07

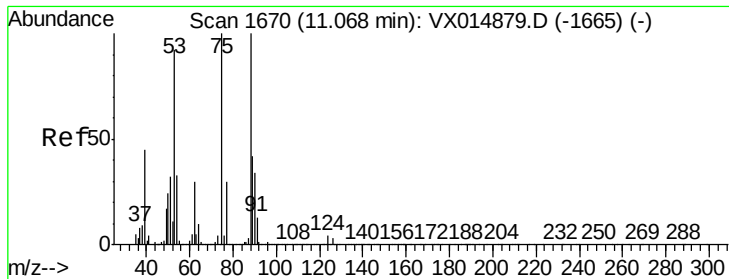
Tgt Ion: 105 Resp: 336399

Ion Ratio Lower Upper

105 100

120 50.3 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.527 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

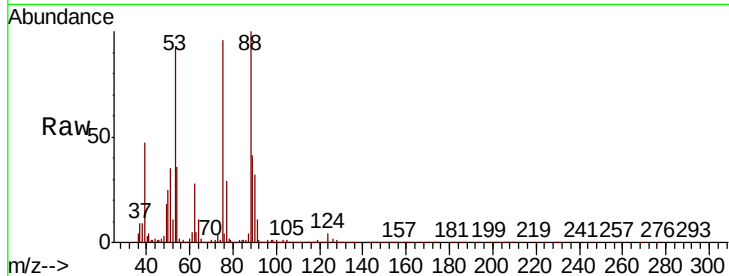
Tot Ion: 75 Resp: 41639

Ion Ratio Lower Upper

75 100

53 102.2 76.2 114.2

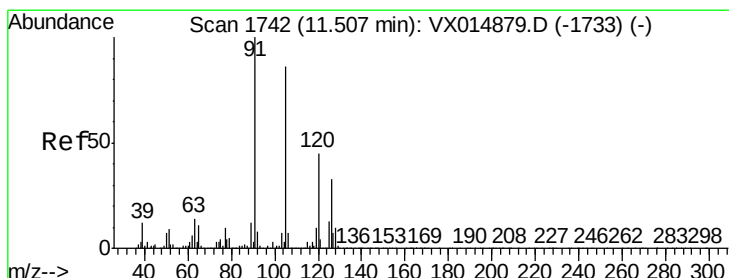
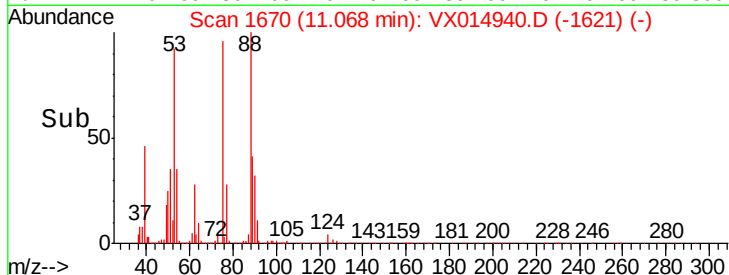
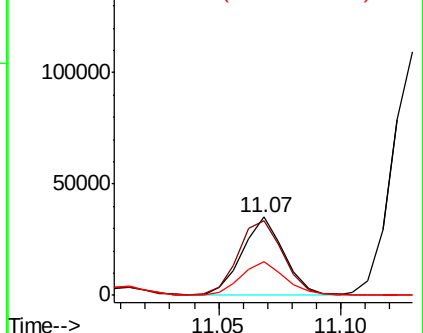
89 44.0 35.8 53.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.366 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014940.D

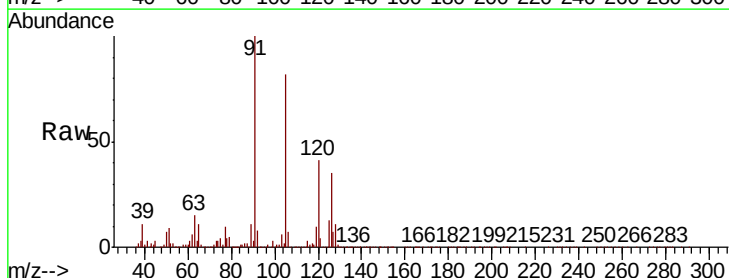
Acq: 14 Feb 2020 11:07

Tgt Ion: 91 Resp: 311113

Ion Ratio Lower Upper

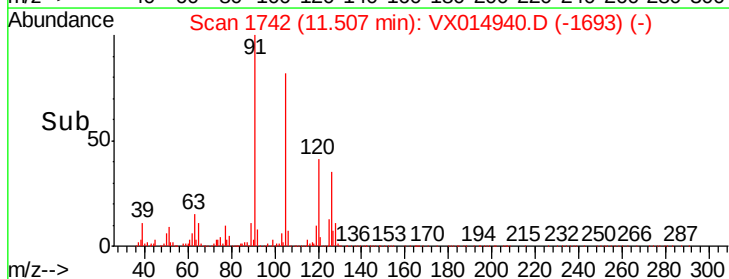
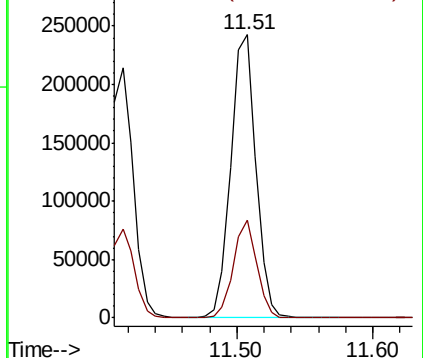
91 100

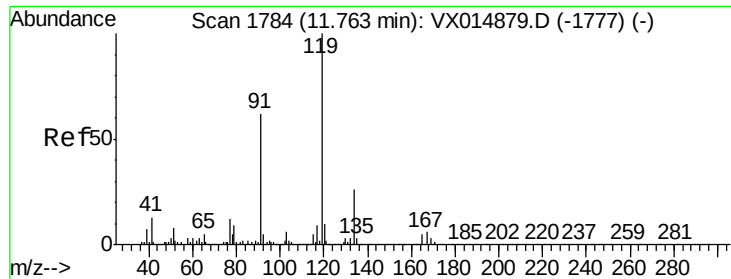
126 32.3 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.617 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014940.D

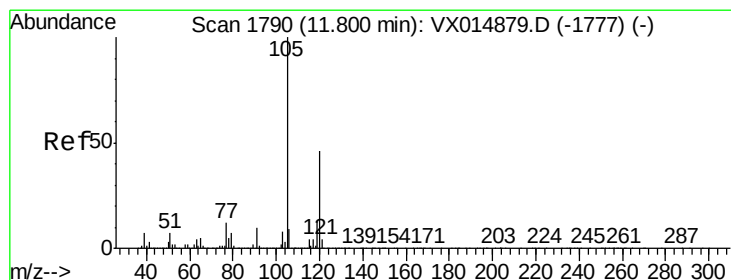
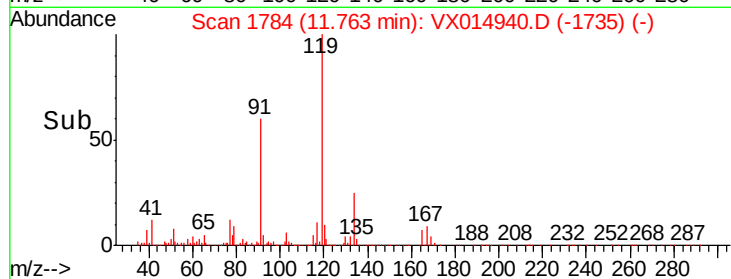
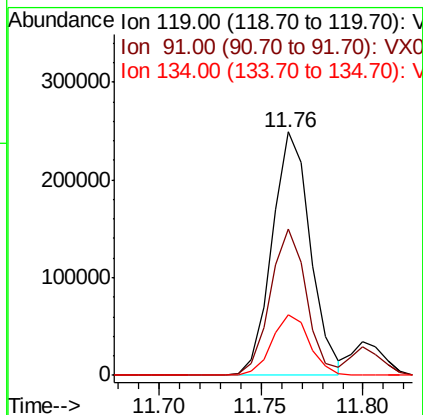
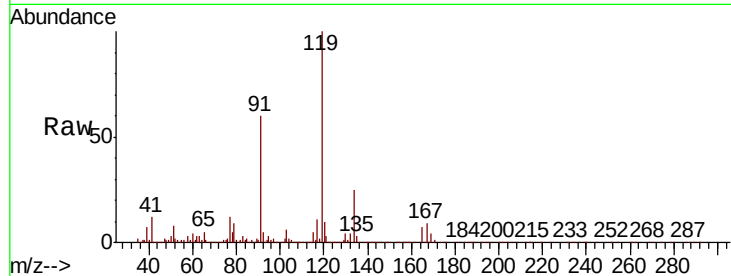
Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	119	Resp:	325451
Ion	Ratio	Lower	Upper
119	100		
91	56.8	29.5	88.6
134	24.4	12.6	37.6



#84

1,2,4-Trimethylbenzene

Concen: 20.033 ug/l

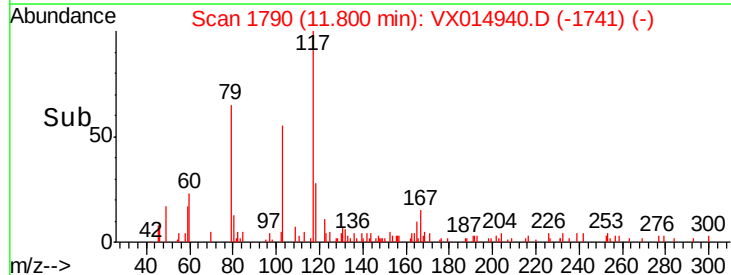
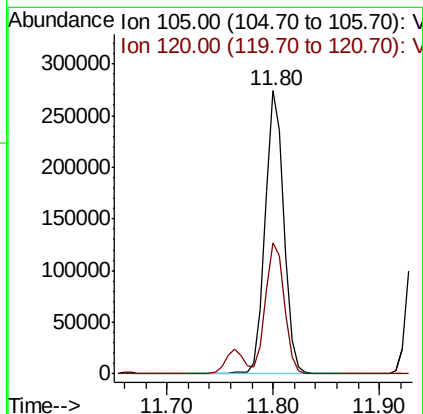
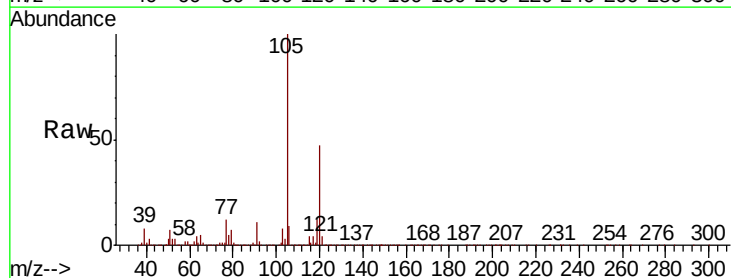
RT: 11.80 min Scan# 1790

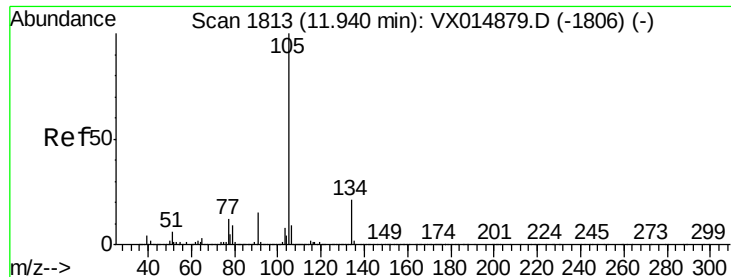
Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion:	105	Resp:	336537
Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.0	69.0





#85

sec-Butylbenzene

Concen: 20.145 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

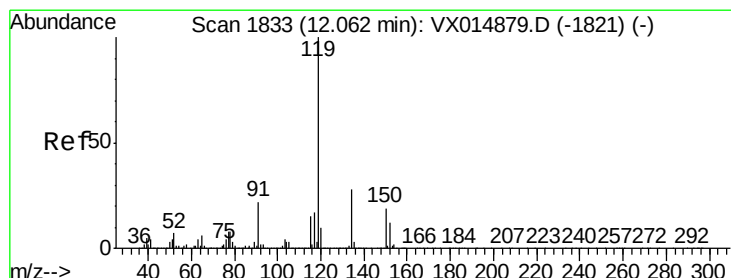
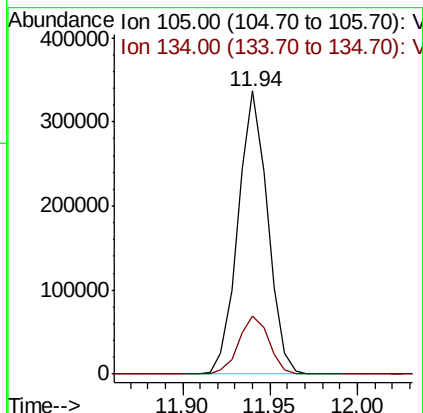
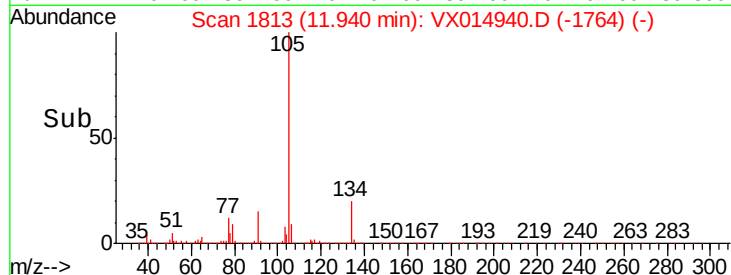
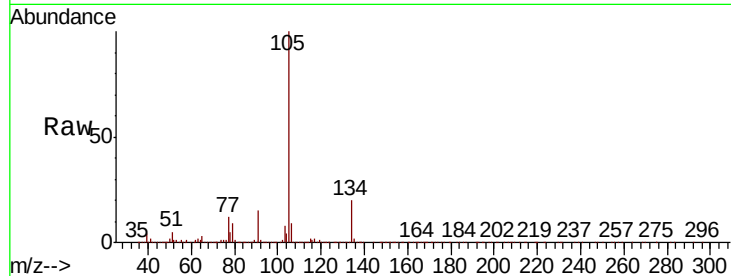
ClientSampleId :

Tot Ion:105 Resp: 395042

Ion Ratio Lower Upper

105 100

134 21.0 10.6 31.8



#86

p-Isopropyltoluene

Concen: 20.035 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

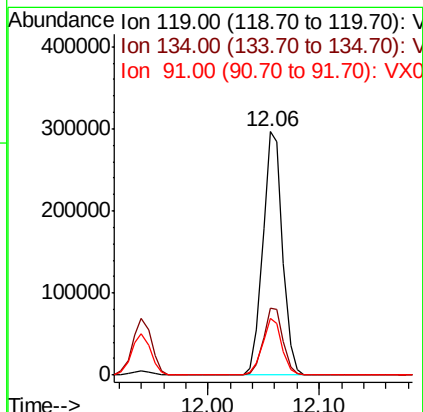
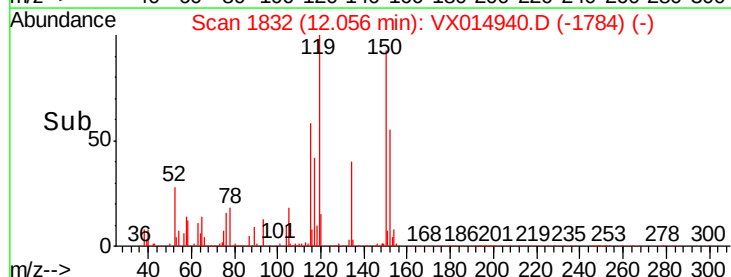
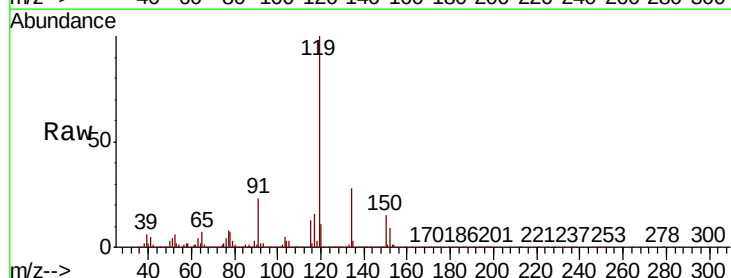
Tgt Ion:119 Resp: 367659

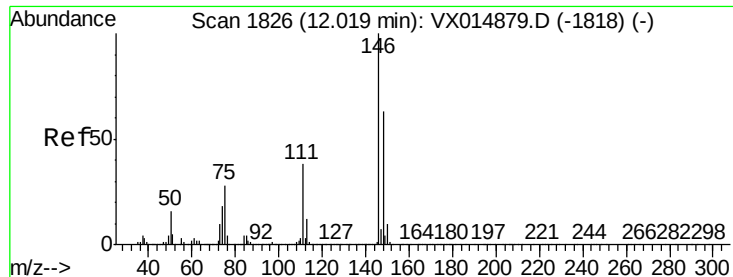
Ion Ratio Lower Upper

119 100

134 27.5 13.5 40.5

91 23.0 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.554 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

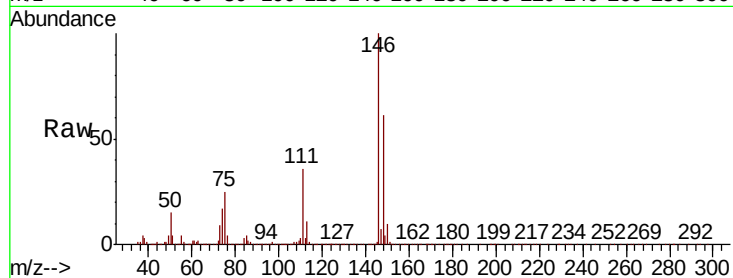
Tot Ion:146 Resp: 195342

Ion Ratio Lower Upper

146 100

111 37.4 18.6 56.0

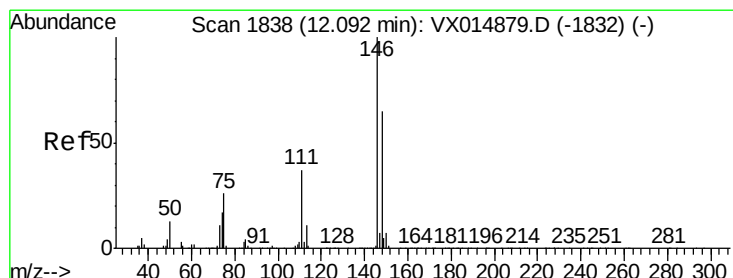
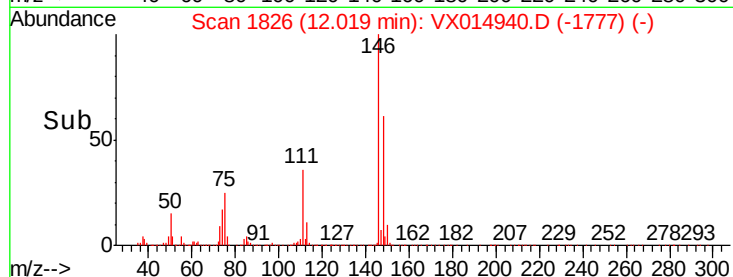
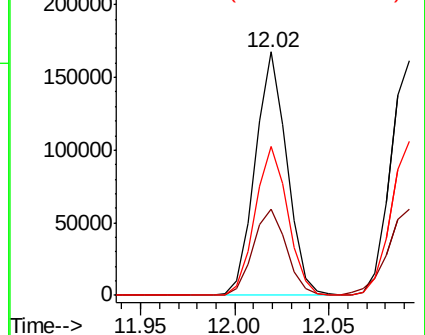
148 63.1 31.8 95.4



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: 19.222 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

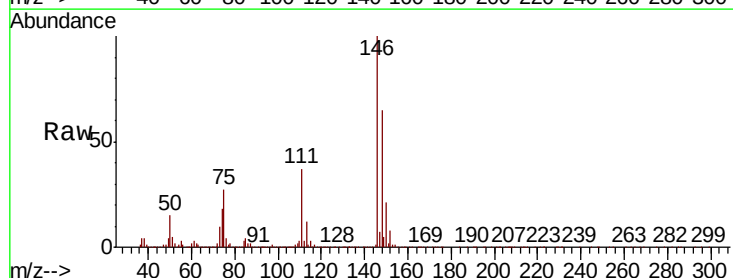
Tgt Ion:146 Resp: 196095

Ion Ratio Lower Upper

146 100

111 39.0 18.6 55.6

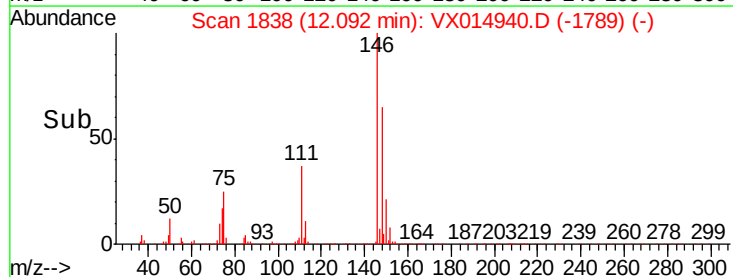
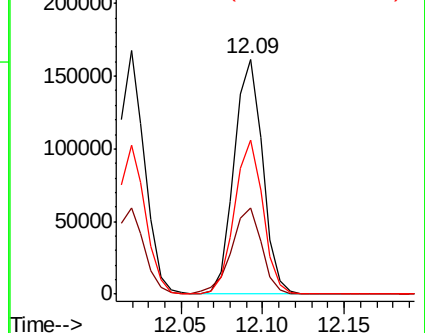
148 65.0 32.4 97.0

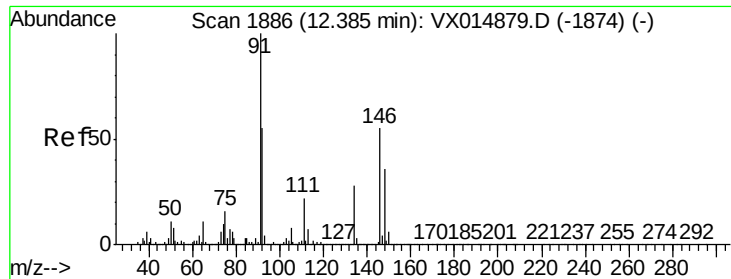


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

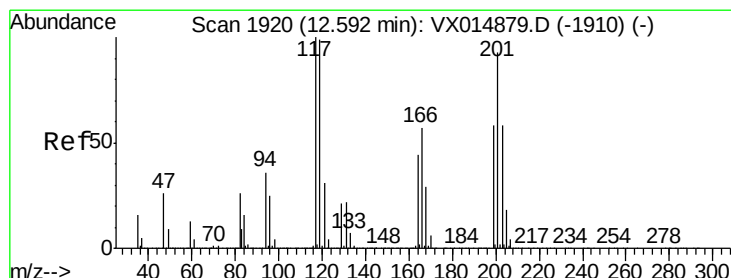
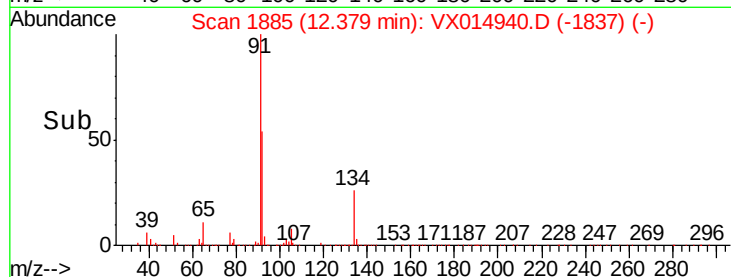
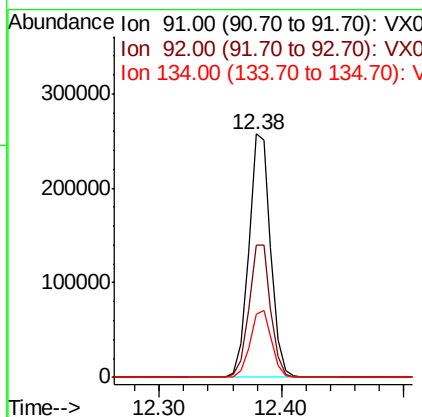
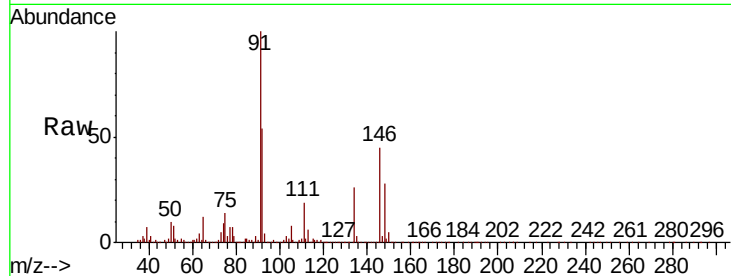




#89
n-Butylbenzene
Concen: 19.347 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

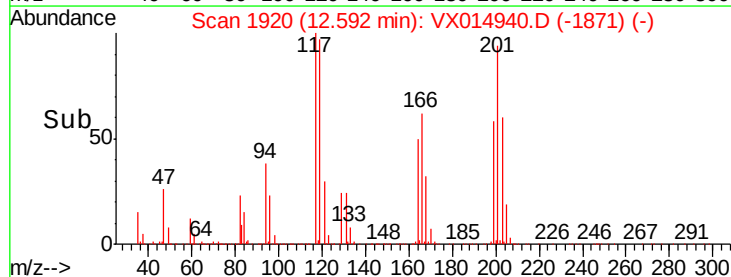
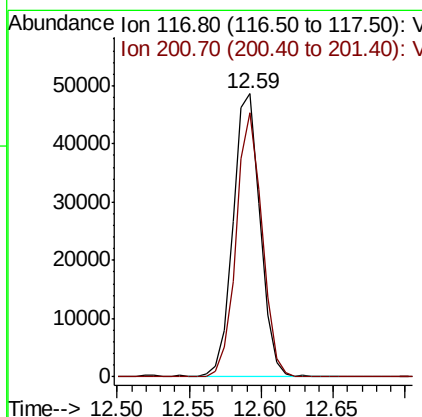
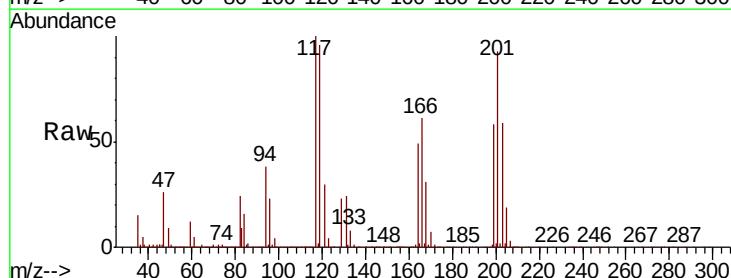
Instrument :
MSVOA_X
ClientSampleId :

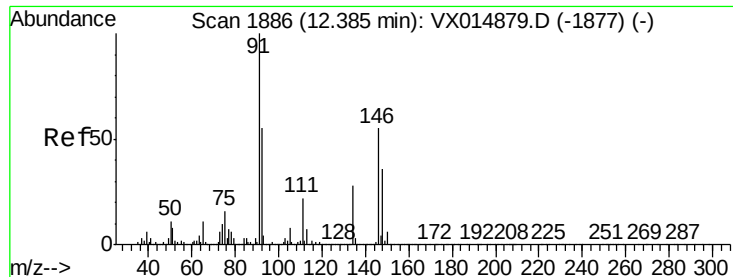
Tot Ion: 91 Resp: 317979
Ion Ratio Lower Upper
91 100
92 54.3 27.3 81.8
134 27.1 13.8 41.4



#90
Hexachloroethane
Concen: 20.072 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion: 117 Resp: 64326
Ion Ratio Lower Upper
117 100
201 88.4 44.8 134.3

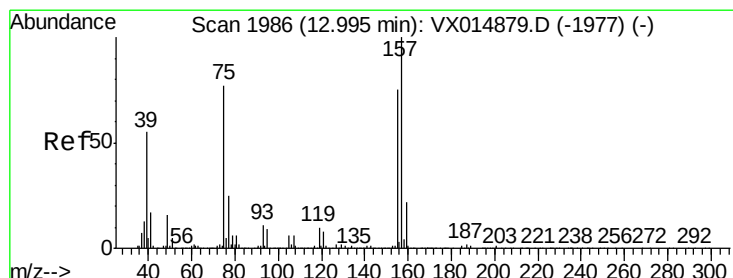
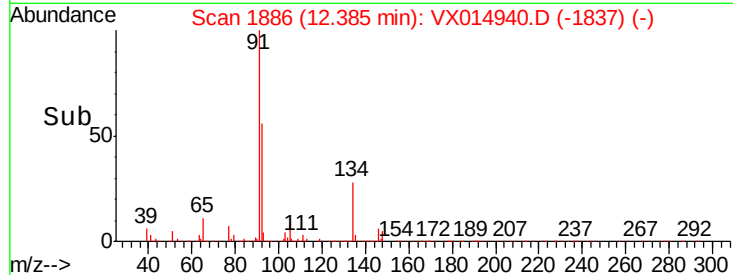
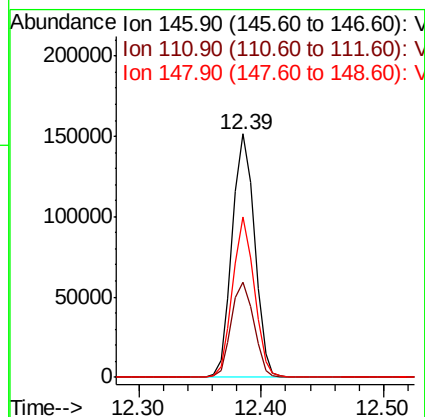
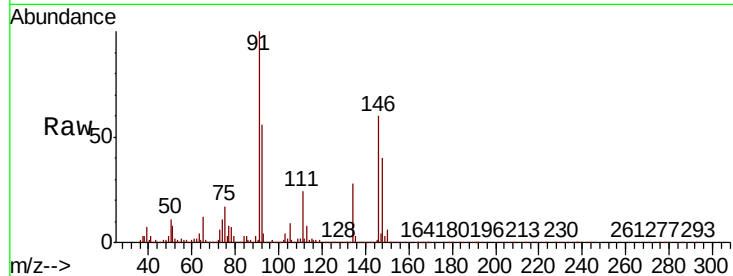




#91
 1,2-Dichlorobenzene
 Concen: 19.610 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

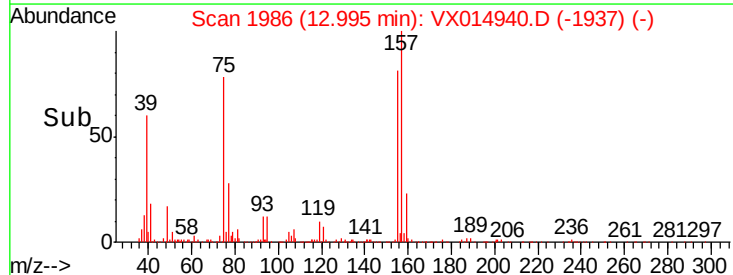
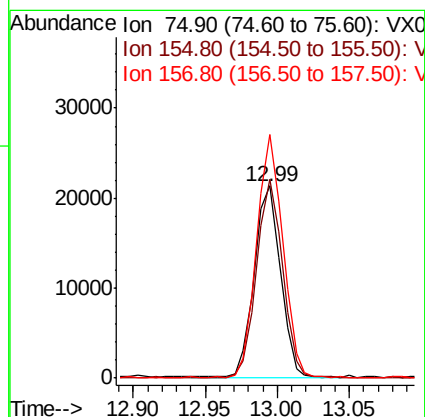
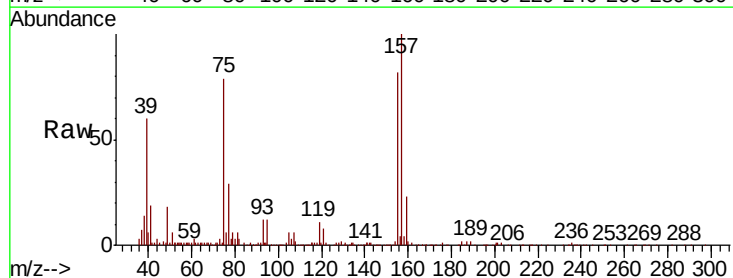
Instrument :
 MSVOA_X
 ClientSampleId :

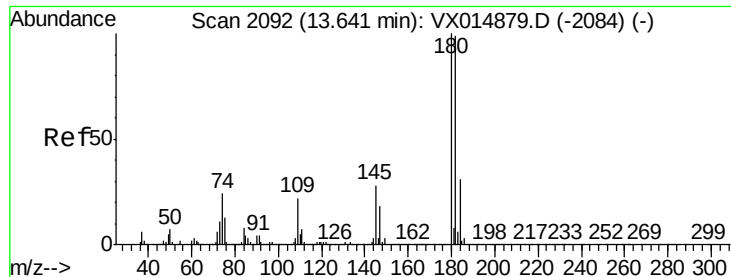
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.3
148	63.5	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.757 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.7	48.6	145.9
157	124.9	62.0	186.0





#93

1,2,4-Trichlorobenzene

Concen: 19.587 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

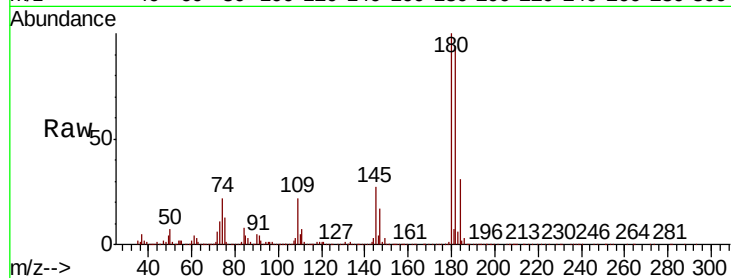
Tot Ion:180 Resp: 141630

Ion Ratio Lower Upper

180 100

182 94.3 48.4 145.3

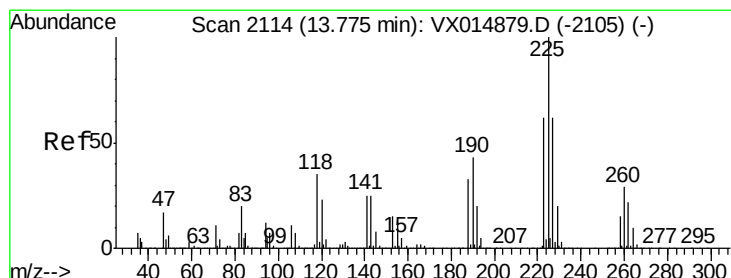
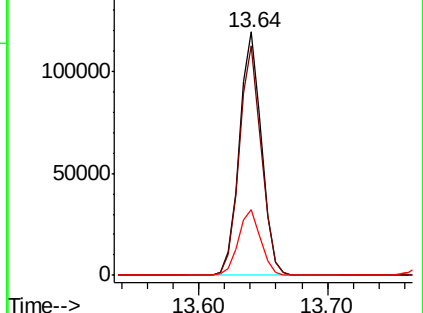
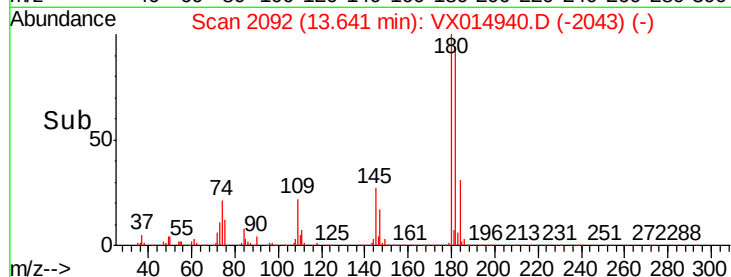
145 27.2 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.870 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

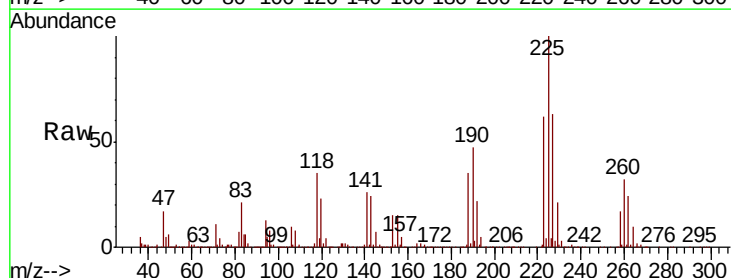
Tgt Ion:225 Resp: 69493

Ion Ratio Lower Upper

225 100

223 62.3 31.1 93.2

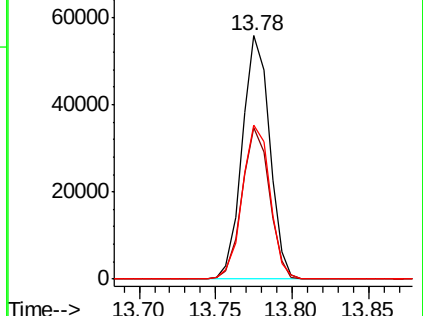
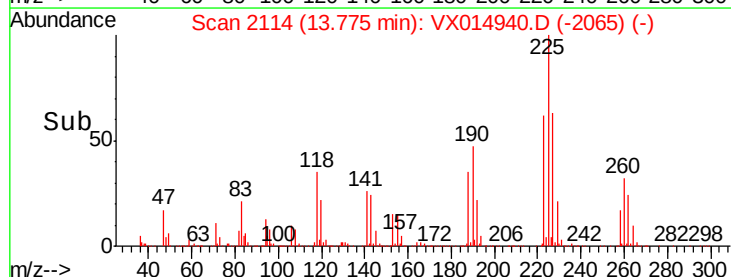
227 64.0 30.9 92.5

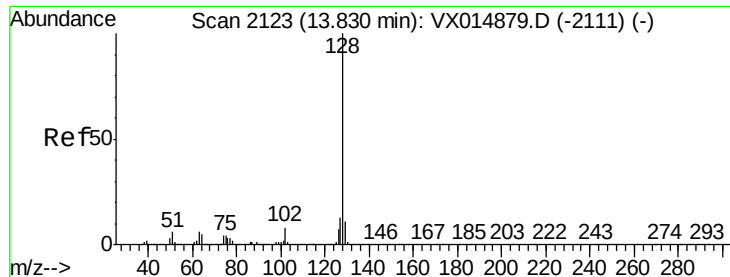


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

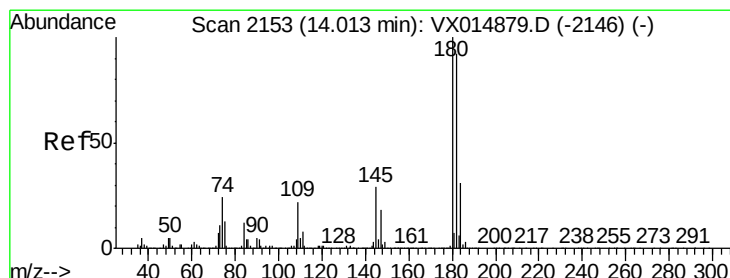
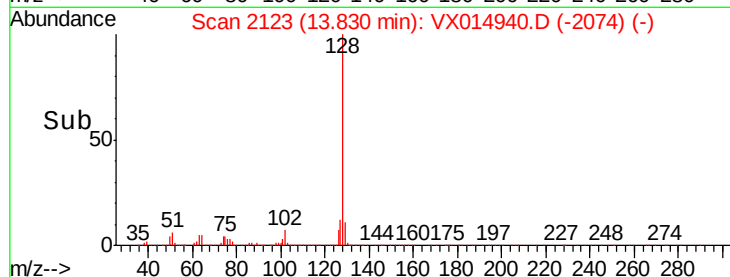
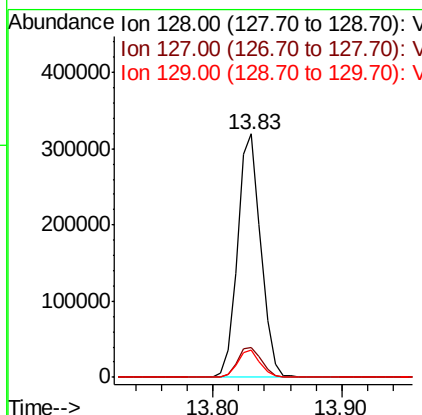
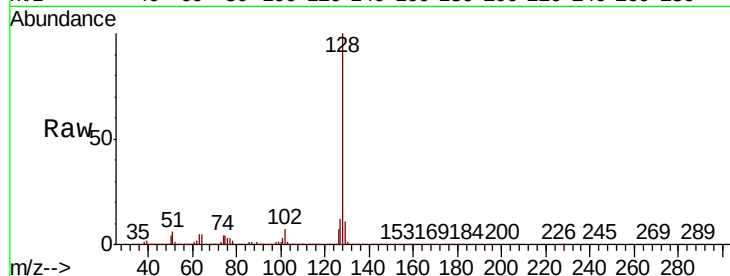




#95
Naphthalene
Concen: 20.787 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :

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



#96
1,2,3-Trichlorobenzene
Concen: 20.147 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.5	142.6
145	29.5	14.5	43.5

