

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013741.D
 Acq On : 03 Dec 2019 21:37
 Operator : JC/SP
 Sample : K6084-04DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 00:53:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	754398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1119916	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	996221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	481229	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	395283	45.14	ug/l	0.00
Spiked Amount			Recovery	=	90.28%	
35) Dibromofluoromethane	5.49	113	333055	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
50) Toluene-d8	8.71	98	1331813	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.13	95	466367	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1615	0.227	ug/l #	56
6) Chloroethane	1.58	64	8098	1.342	ug/l #	64
8) Diethyl Ether	2.18	74	5429	1.019	ug/l	97
11) Tert butyl alcohol	3.03	59	392777	181.717	ug/l	99
13) Acrolein	2.29	56	520	6.355	ug/l #	15
16) Acetone	2.43	43	616921	142.694	ug/l	98
17) Carbon Disulfide	2.56	76	26710	1.305	ug/l	100
18) Methyl Acetate	2.76	43	67706	5.624	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	119932	5.043	ug/l #	90
20) Methylene Chloride	2.84	84	5572	0.671	ug/l #	93
22) Diisopropyl ether	3.78	45	44336	1.767	ug/l #	1
25) 2-Butanone	4.66	43	217575	33.862	ug/l	99
29) Tetrahydrofuran	5.12	42	23740	5.993	ug/l	98
30) Chloroform	5.20	83	42326	3.043	ug/l	96
31) Cyclohexane	5.58	56	20146	1.557	ug/l #	88
36) 1,1-Dichloropropene	5.65	75	48761	4.796	ug/l #	49
37) Ethyl Acetate	4.66	43	217575	19.078	ug/l #	69
38) Carbon Tetrachloride	5.65	117	64700	6.902	ug/l #	16
39) Methylcyclohexane	7.46	83	26387	2.100	ug/l	99
40) Benzene	6.14	78	2655864	85.777	ug/l	99
41) Methacrylonitrile	5.11	41	25179	4.026	ug/l #	47
42) 1,2-Dichloroethane	6.14	62	25643	2.428	ug/l	74
43) Isopropyl Acetate	6.43	43	326448	17.387	ug/l	96
47) Bromodichloromethane	7.89	83	5841	0.587	ug/l #	77
48) Methyl methacrylate	7.75	41	10852	1.190	ug/l #	33
49) 1,4-Dioxane	7.73	88	11933	58.437	ug/l #	51
51) 4-Methyl-2-Pentanone	8.64	43	146412	12.397	ug/l	97
52) Toluene	8.78	92	2806134	145.887	ug/l	100
53) t-1,3-Dichloropropene	8.96	75	10798	0.954	ug/l #	46
54) cis-1,3-Dichloropropene	8.40	75	10208	0.825	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.40	63	11435	2.340	ug/l	91
59) 2-Hexanone	9.49	43	50009	5.429	ug/l	93
67) Ethyl Benzene	10.24	91	396242	11.148	ug/l	100
68) m/p-Xylenes	10.35	106	1471414	108.132	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

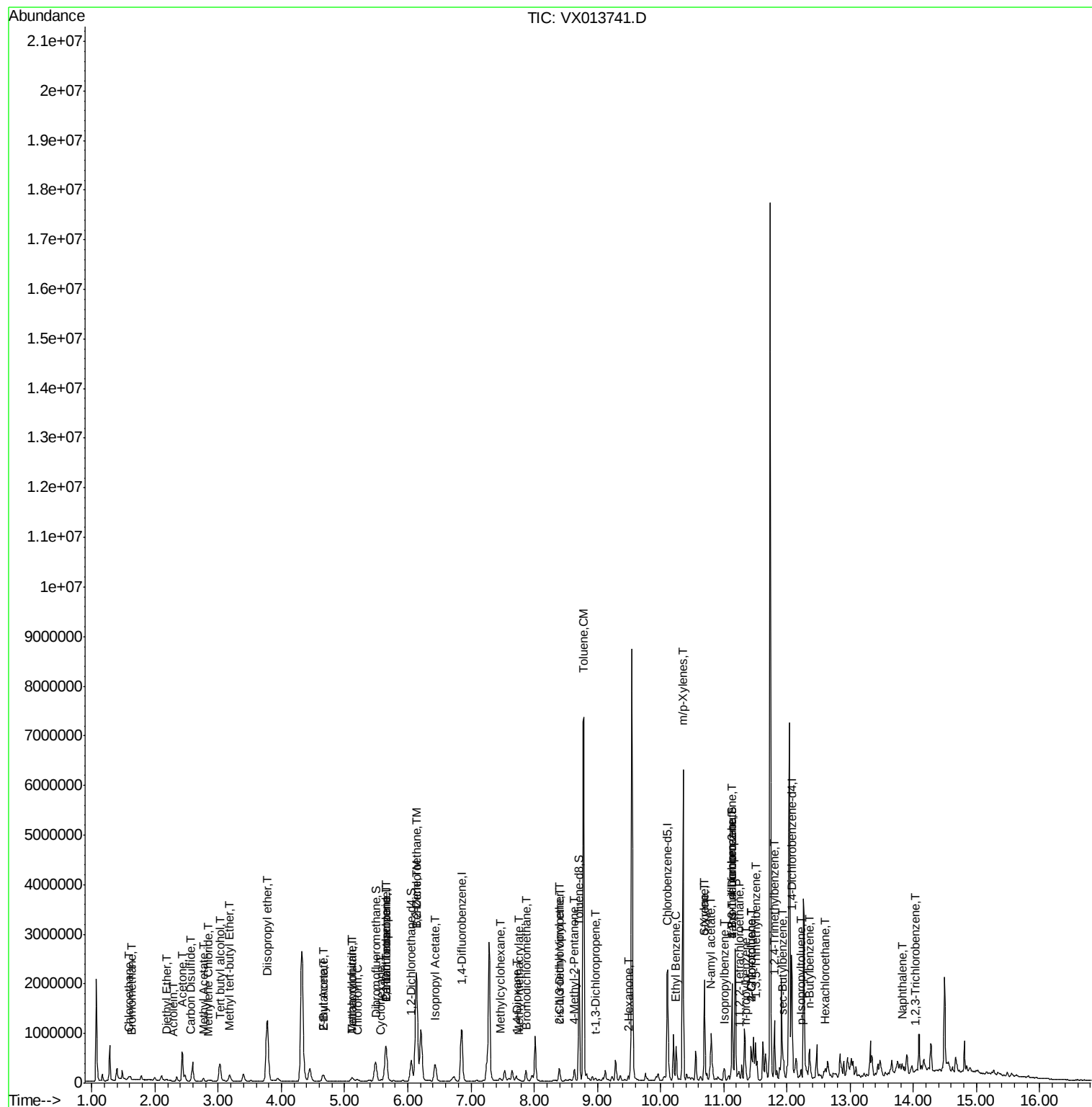
69) o-Xylene	10.70	106	444091	33.462	ug/l	98
70) Styrene	10.69	104	22347	1.001	ug/l #	1
73) Isopropylbenzene	11.01	105	71257	2.111	ug/l	99
74) N-amyl acetate	10.81	43	213066	13.779	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.24	83	3051	0.261	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	228996	21.157	ug/l #	39
78) n-propylbenzene	11.35	91	54594	1.449	ug/l	94
79) 2-Chlorotoluene	11.43	91	52334	2.315	ug/l	92
80) 1,3,5-Trimethylbenzene	11.50	105	298404	10.786	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	228996	57.882	ug/l #	11
82) 4-Chlorotoluene	11.43	91	52334	1.999	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	497482	17.717	ug/l	100
85) sec-Butylbenzene	11.94	105	17815	0.555	ug/l #	67
86) p-Isopropyltoluene	12.23	119	17592	0.589	ug/l	89
89) n-Butylbenzene	12.37	91	26494	1.040	ug/l #	11
90) Hexachloroethane	12.60	117	5376	0.995	ug/l #	6
95) Naphthalene	13.83	128	54506	1.672	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.03	180	2493	0.230	ug/l #	1

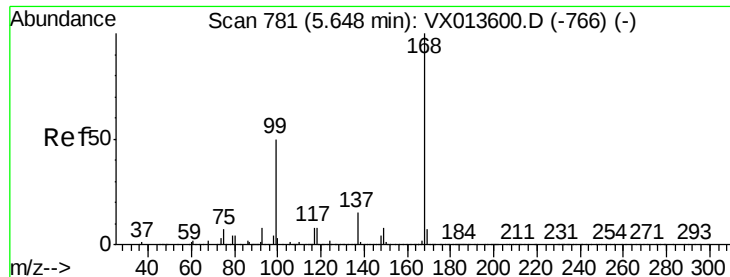
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 26 15:53:00 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :

MSVOA_X

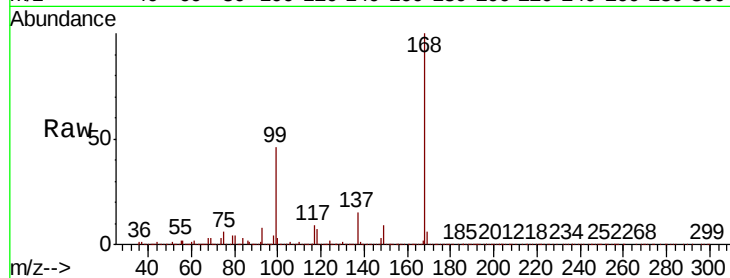
ClientSampleId :

Tot Ion:168 Resp: 754398

Ion Ratio Lower Upper

168 100

99 46.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

150000

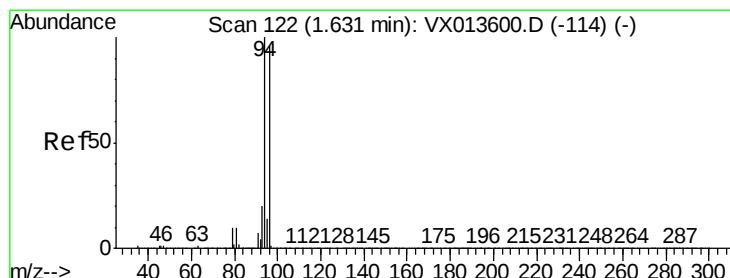
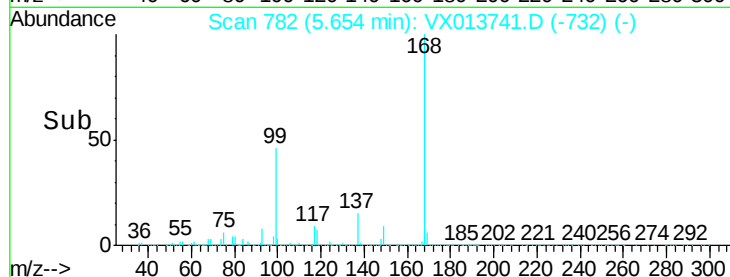
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.227 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013741.D

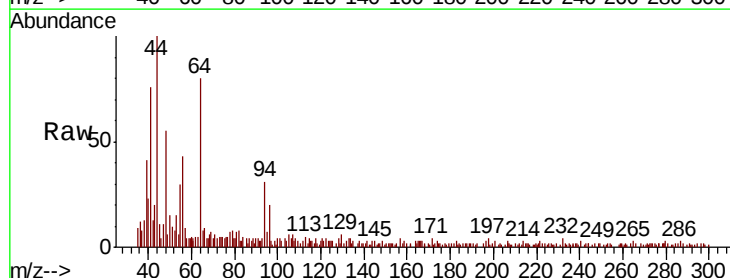
Acq: 03 Dec 2019 21:37

Tgt Ion: 94 Resp: 1615

Ion Ratio Lower Upper

94 100

96 53.6 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

2000

1500

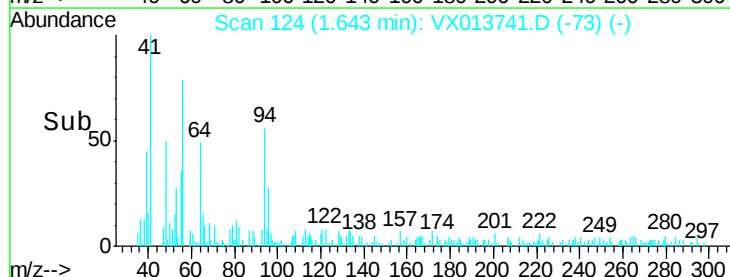
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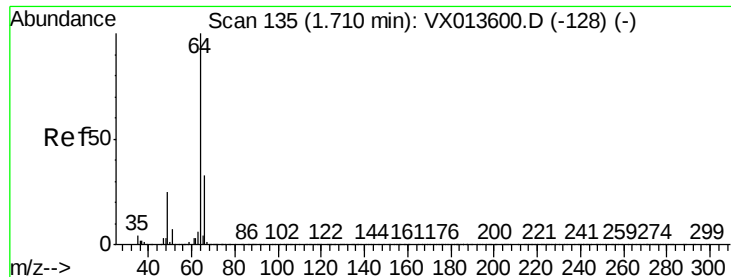
500

0

Time-->

1.62 1.64 1.66





#6

Chloroethane

Concen: 1.342 ug/l

RT: 1.58 min Scan# 113

Delta R.T. -0.13 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :

MSVOA_X

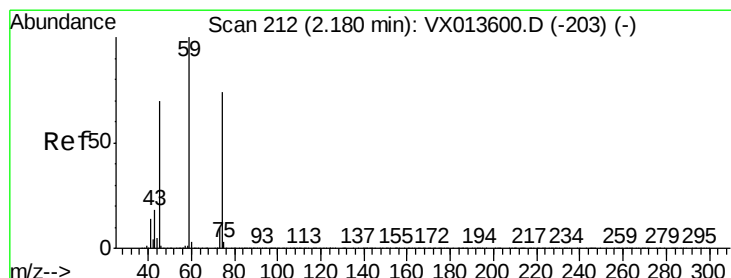
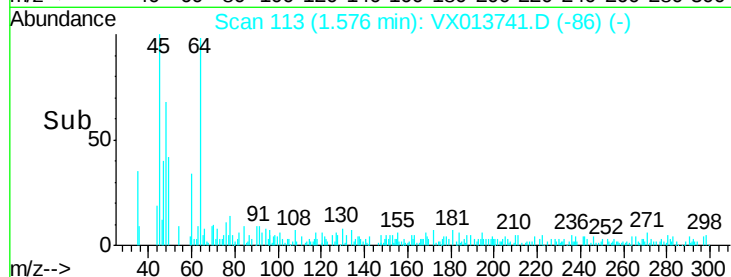
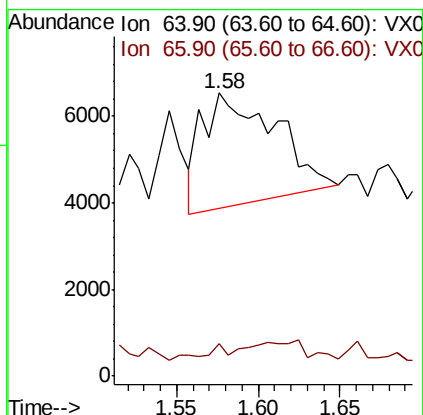
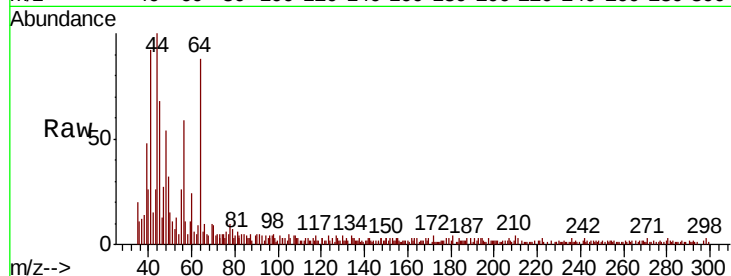
ClientSampleId :

Tot Ion: 64 Resp: 8098

Ion Ratio Lower Upper

64 100

66 12.7 26.7 40.1#



#8

Diethyl Ether

Concen: 1.019 ug/l

RT: 2.18 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX013741.D

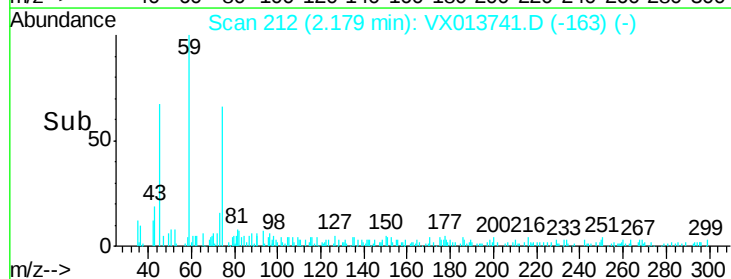
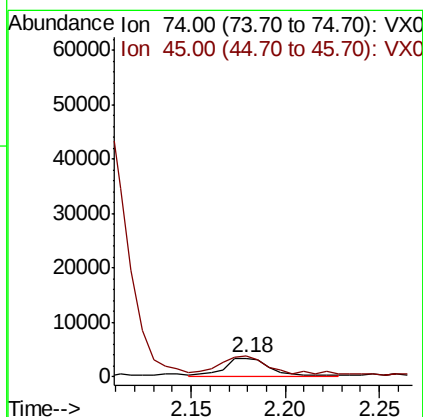
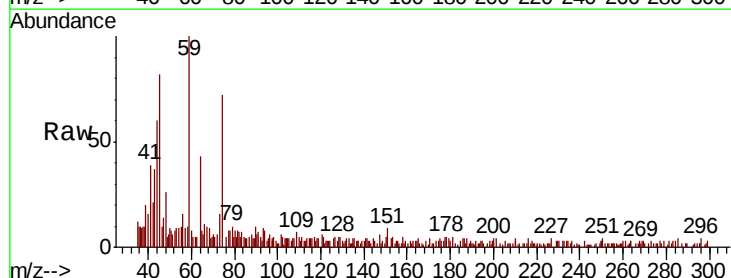
Acq: 03 Dec 2019 21:37

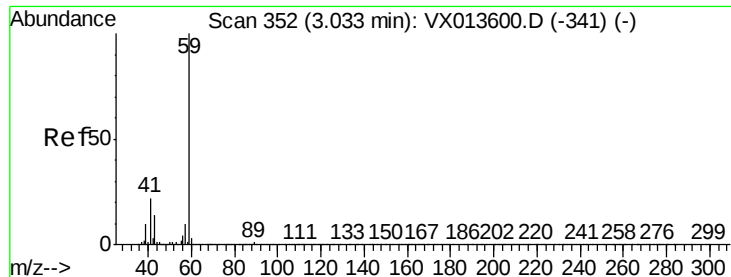
Tgt Ion: 74 Resp: 5429

Ion Ratio Lower Upper

74 100

45 95.3 48.9 146.8



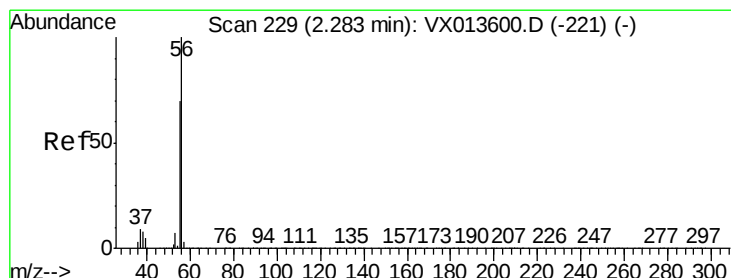
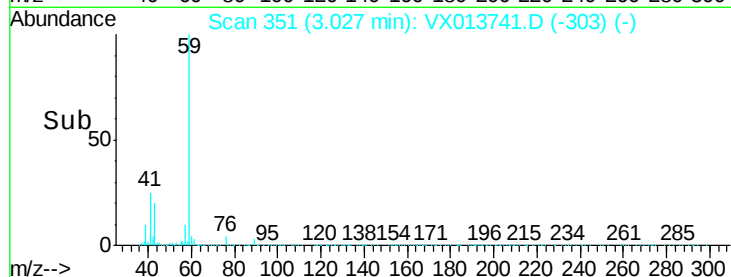
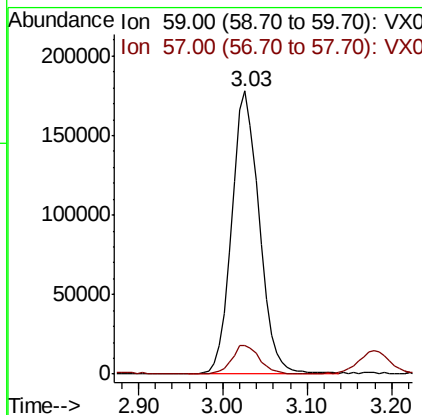
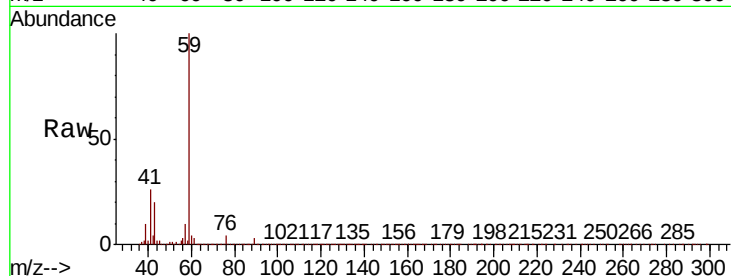


#11

Tert butyl alcohol
Concen: 181.717 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

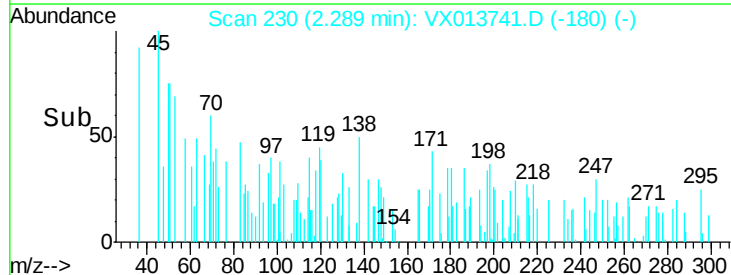
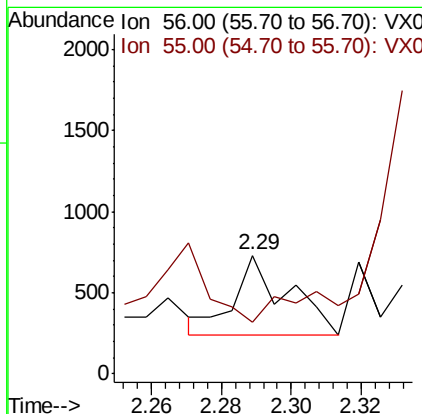
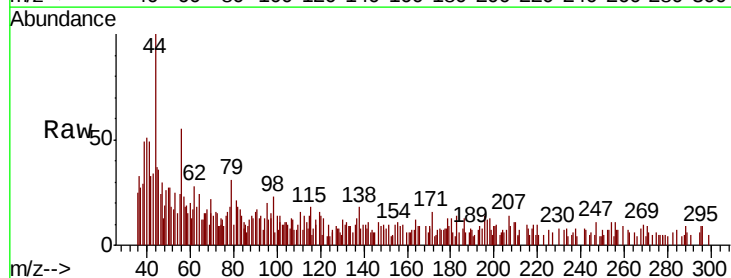
Tot Ion: 59 Resp: 392777
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.6

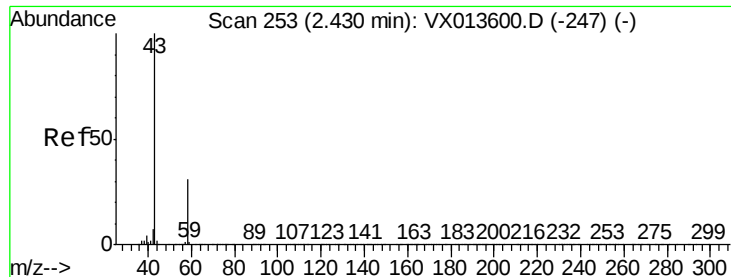


#13

Acrolein
Concen: 6.355 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

Tgt Ion: 56 Resp: 520
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.4#





#16

Acetone

Concen: 142.694 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :

MSVOA_X

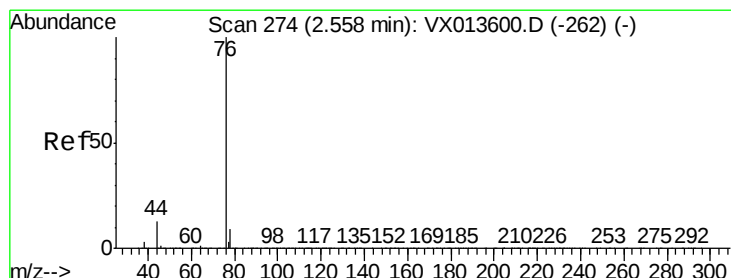
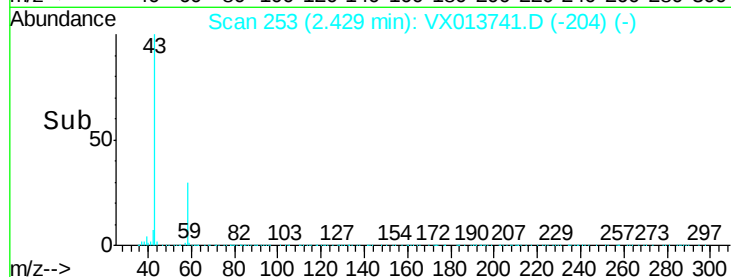
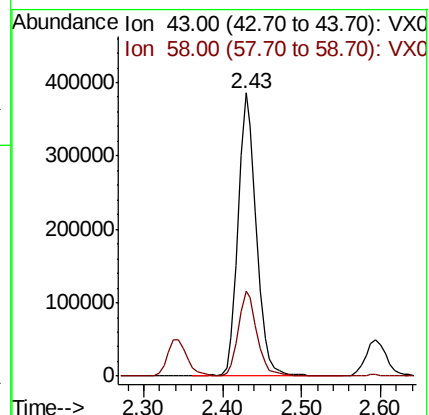
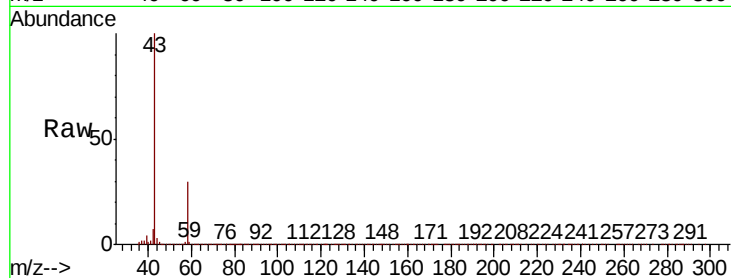
ClientSampleId :

Tot Ion: 43 Resp: 616921

Ion Ratio Lower Upper

43 100

58 29.8 24.6 36.8



#17

Carbon Disulfide

Concen: 1.305 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013741.D

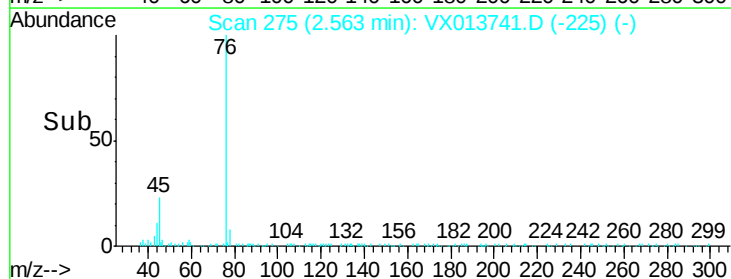
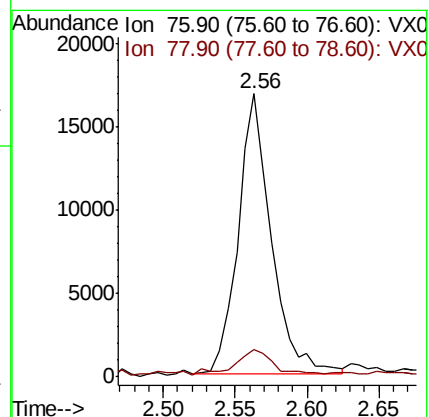
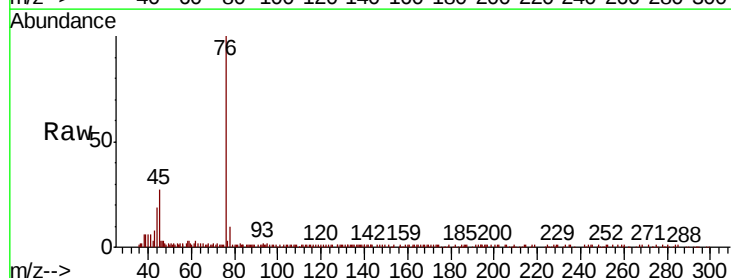
Acq: 03 Dec 2019 21:37

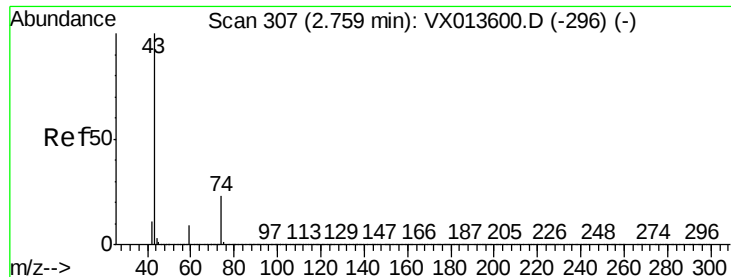
Tgt Ion: 76 Resp: 26710

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

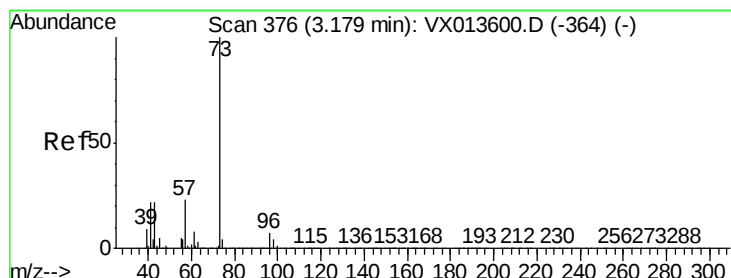
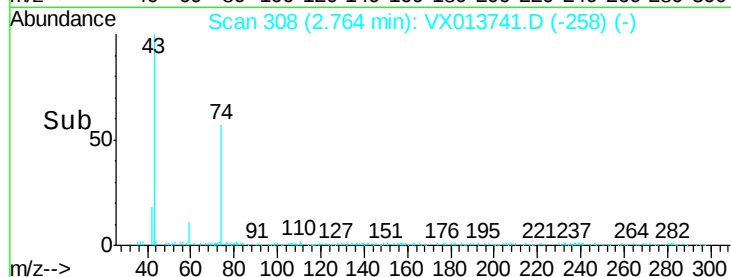
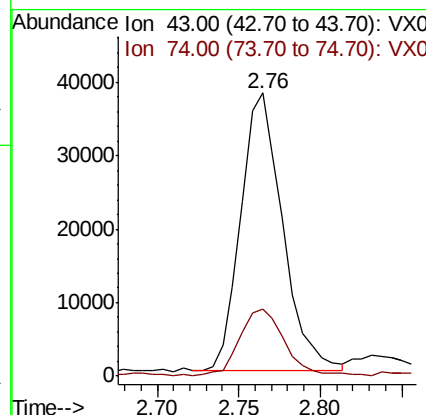
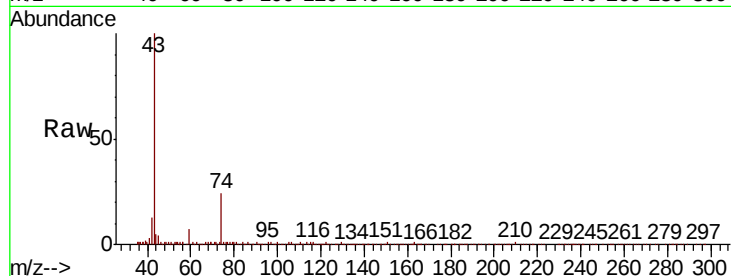




#18
Methyl Acetate
Concen: 5.624 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

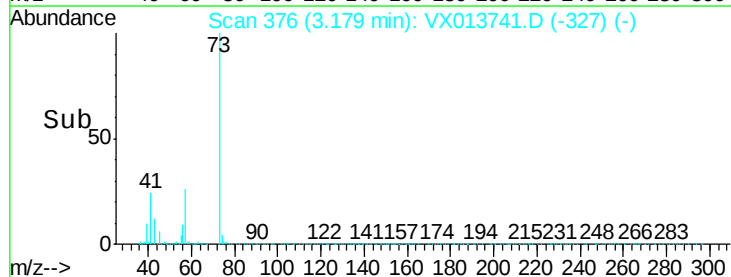
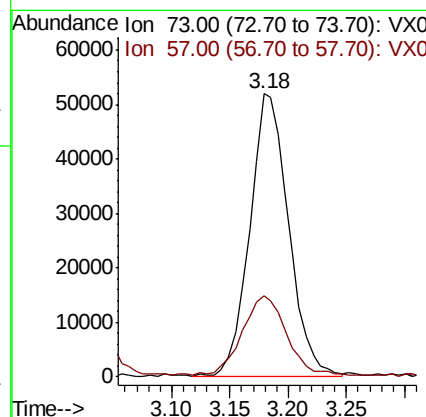
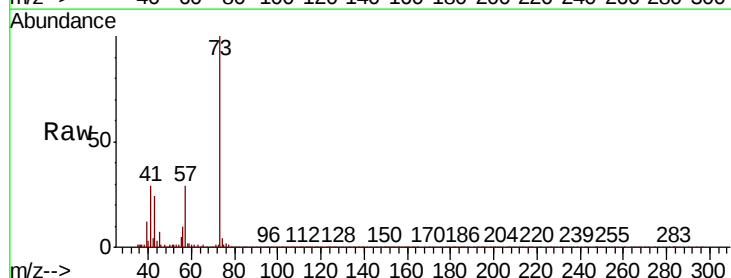
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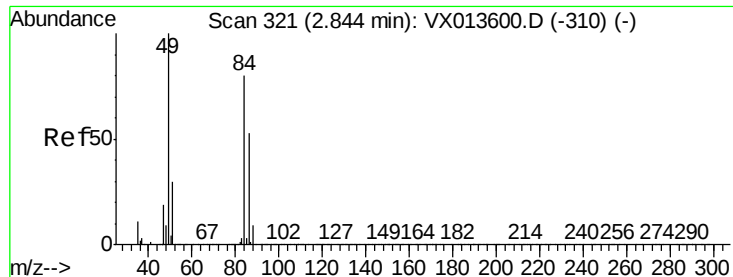
Tot Ion: 43 Resp: 67706
Ion Ratio Lower Upper
43 100
74 26.3 19.5 29.3



#19
Methyl tert-butyl Ether
Concen: 5.043 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

Tgt Ion: 73 Resp: 119932
Ion Ratio Lower Upper
73 100
57 27.8 18.3 27.5#

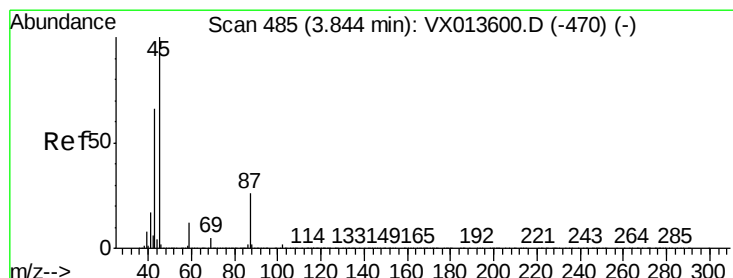
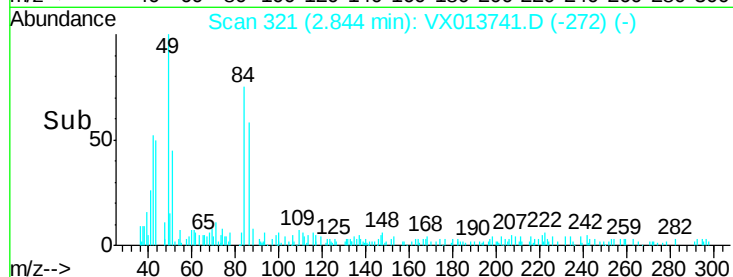
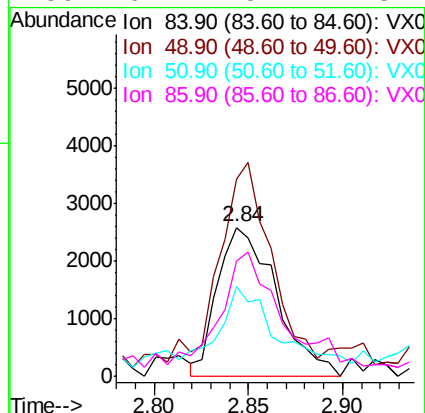
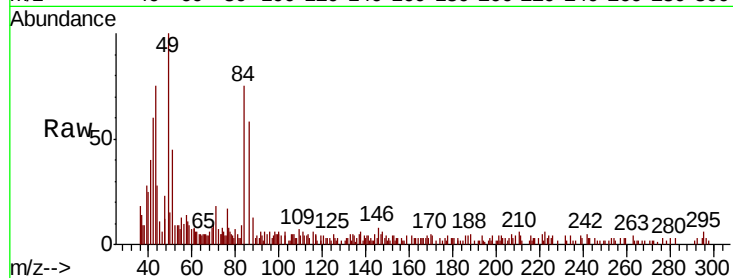




#20
Methylene Chloride
Concen: 0.671 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

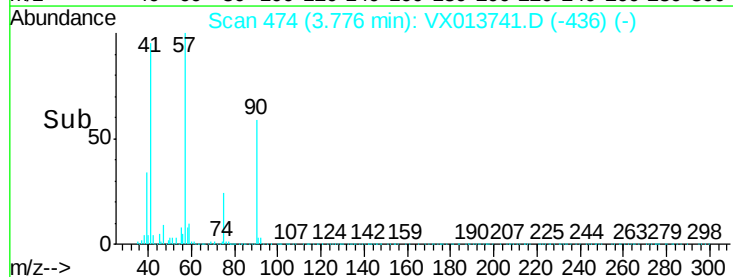
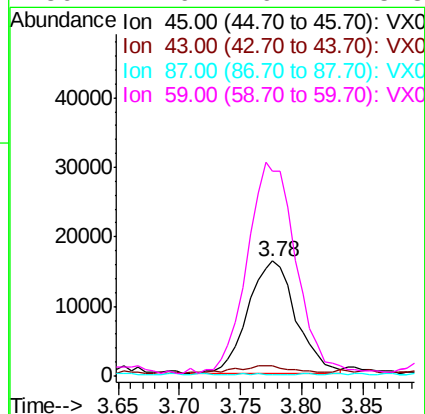
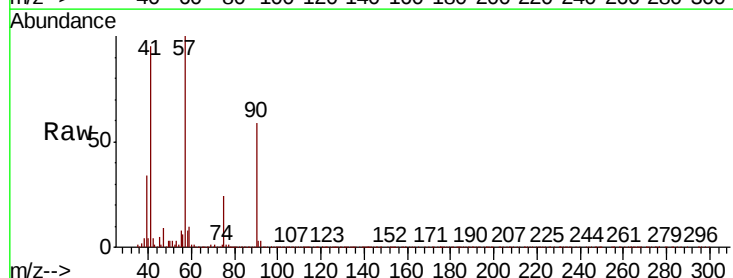
Instrument :
MSVOA_X
ClientSampled :

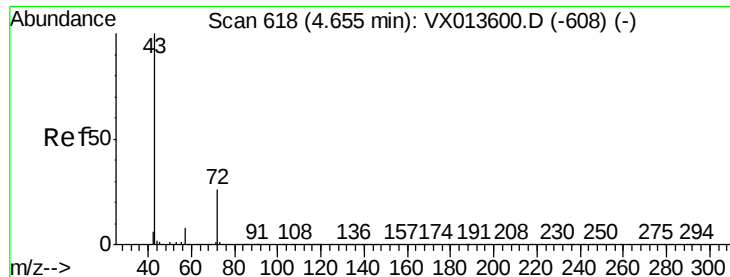
Tot Ion: 84 Resp: 5572
Ion Ratio Lower Upper
84 100
49 116.7 99.7 149.5
51 46.6 29.9 44.9#
86 67.7 52.2 78.4



#22
Diisopropyl ether
Concen: 1.767 ug/l
RT: 3.78 min Scan# 474
Delta R.T. -0.07 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

Tgt Ion: 45 Resp: 44336
Ion Ratio Lower Upper
45 100
43 6.6 52.6 79.0#
87 0.0 21.1 31.7#
59 174.6 9.2 13.8#





#25

2-Butanone

Concen: 33.862 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :

MSVOA_X

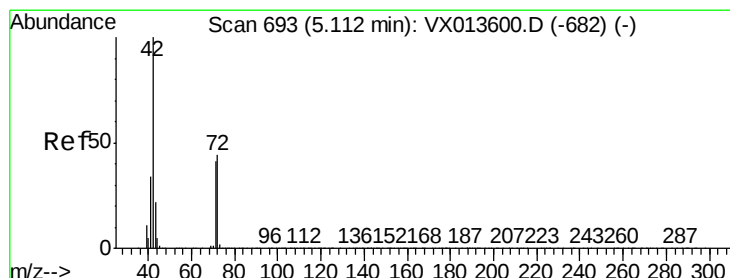
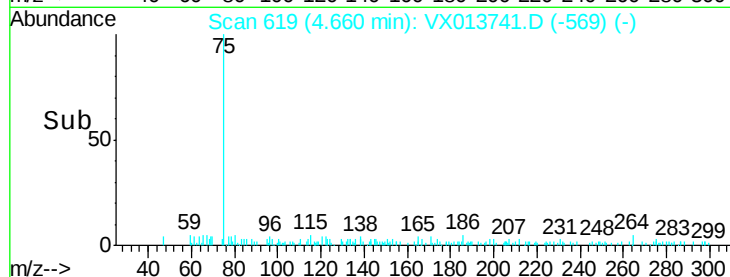
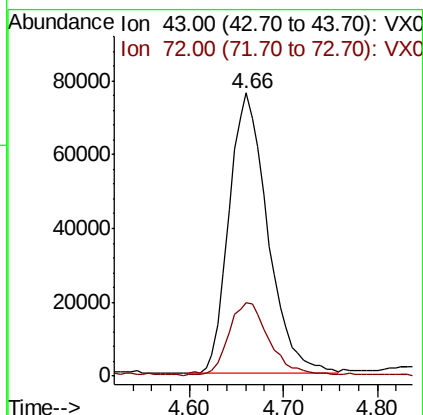
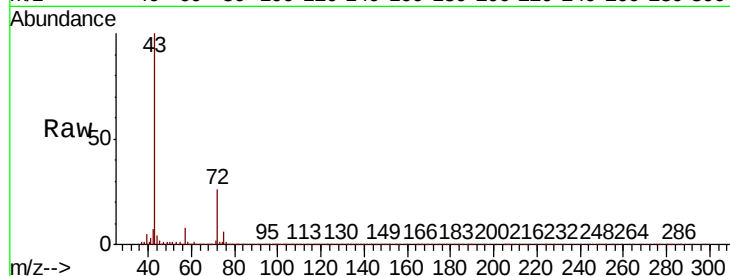
ClientSampleId :

Tot Ion: 43 Resp: 217575

Ion Ratio Lower Upper

43 100

72 25.5 20.6 31.0



#29

Tetrahydrofuran

Concen: 5.993 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

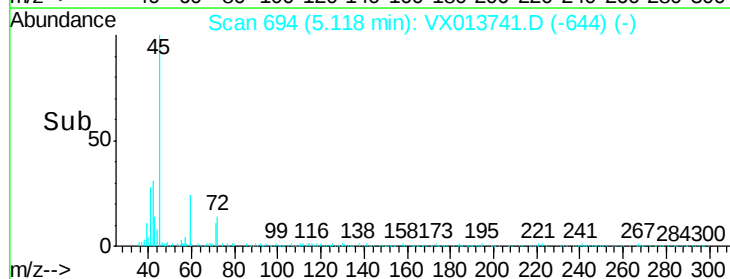
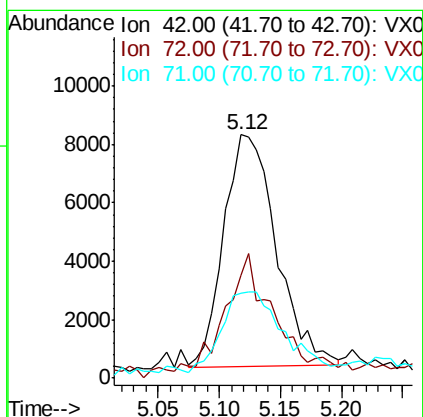
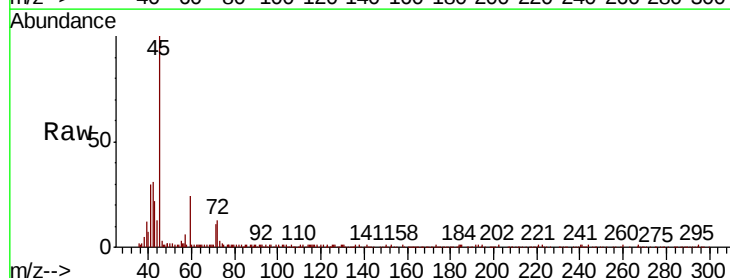
Tgt Ion: 42 Resp: 23740

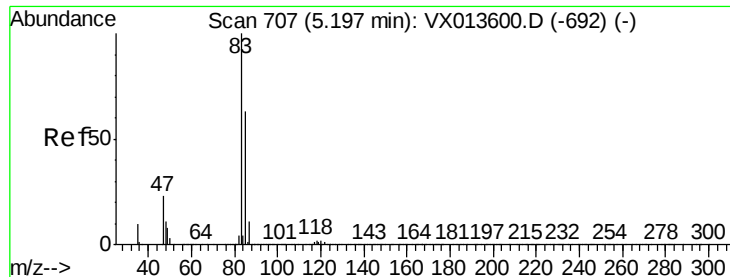
Ion Ratio Lower Upper

42 100

72 43.6 36.3 54.5

71 42.6 33.2 49.8

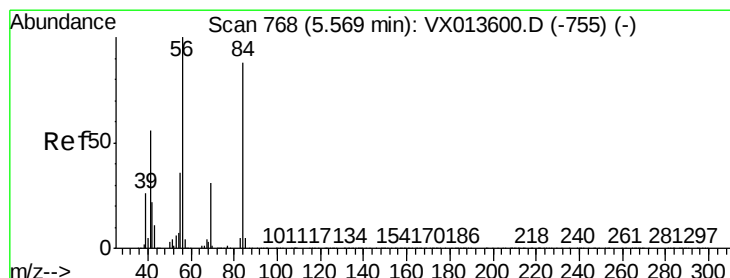
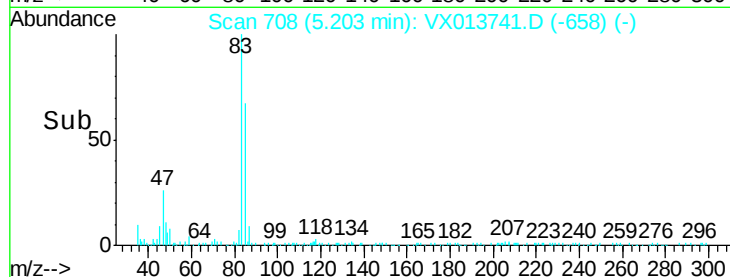
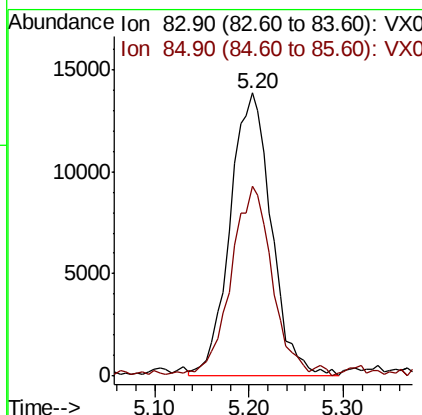
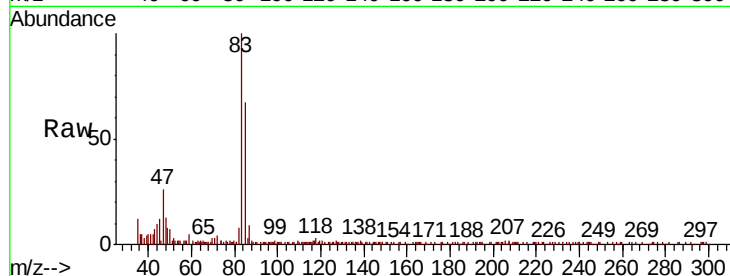




#30
Chloroform
Concen: 3.043 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

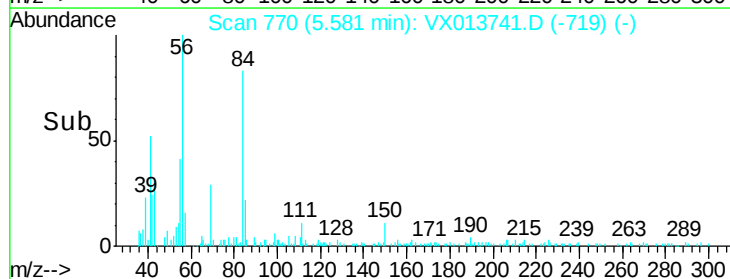
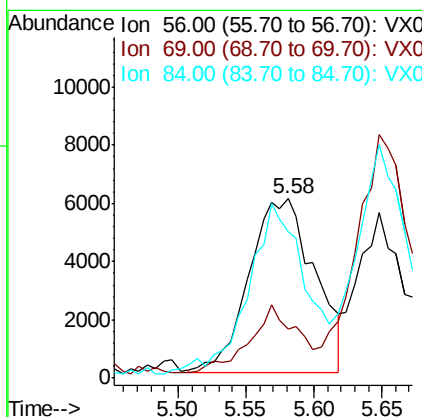
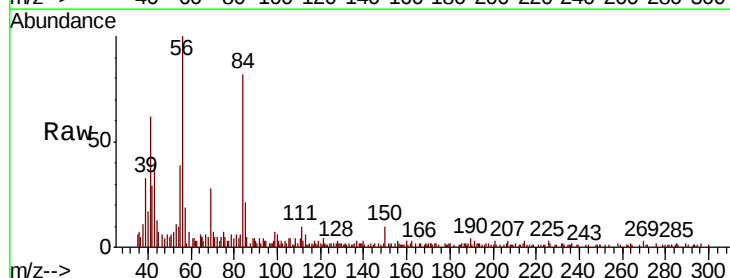
Instrument :
MSVOA_X
ClientSampleId :

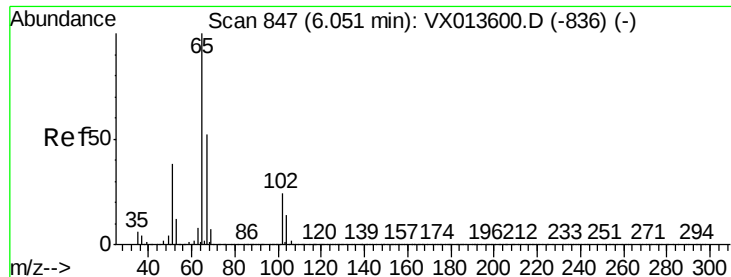
Tot Ion: 83 Resp: 42326
Ion Ratio Lower Upper
83 100
85 65.9 50.2 75.4



#31
Cyclohexane
Concen: 1.557 ug/l
RT: 5.58 min Scan# 770
Delta R.T. 0.01 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

Tgt Ion: 56 Resp: 20146
Ion Ratio Lower Upper
56 100
69 20.8 24.6 36.8#
84 78.2 70.0 105.0





#33

1,2-Dichloroethane-d4

Concen: 45.140 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

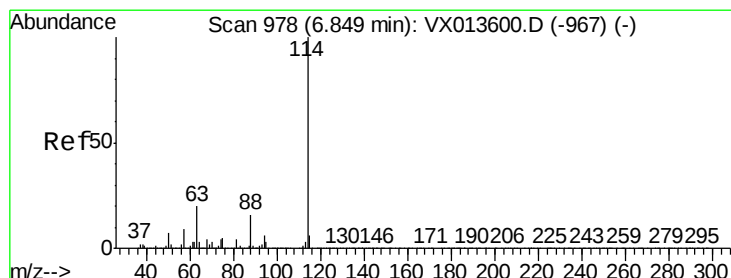
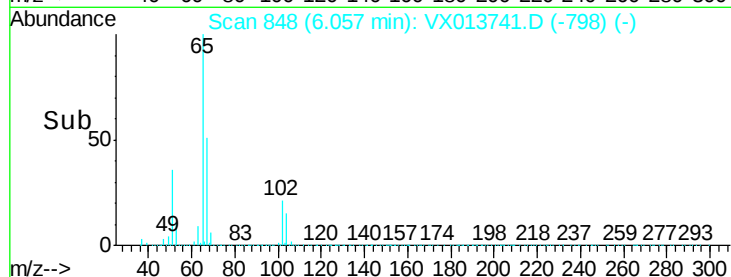
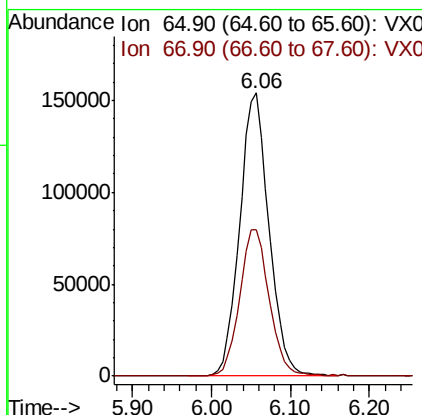
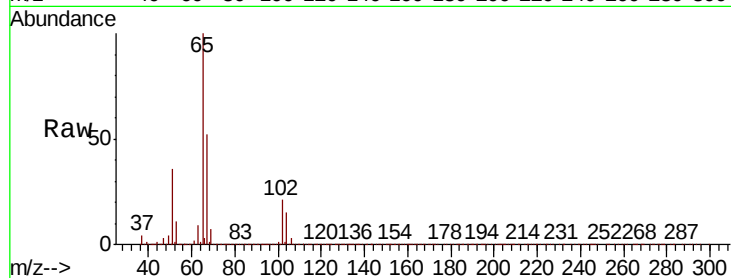
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 395283

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

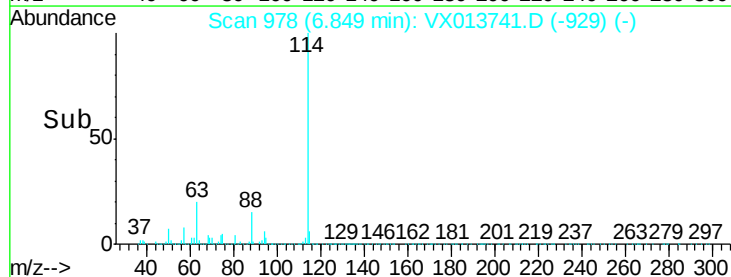
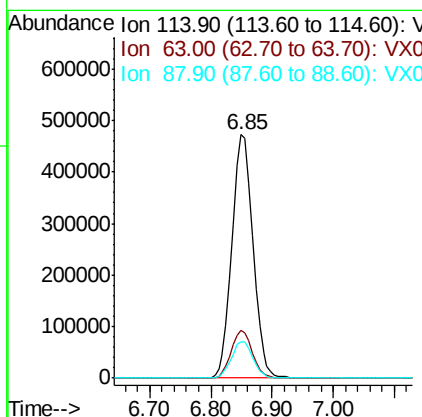
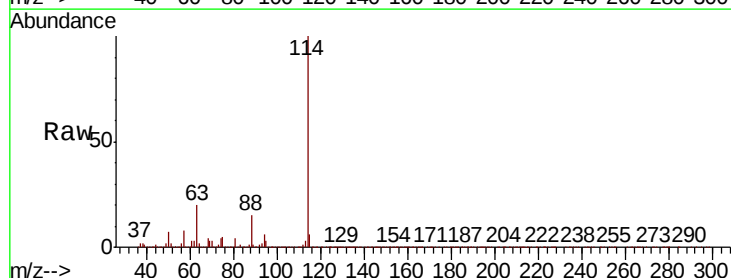
Tgt Ion: 114 Resp: 1119916

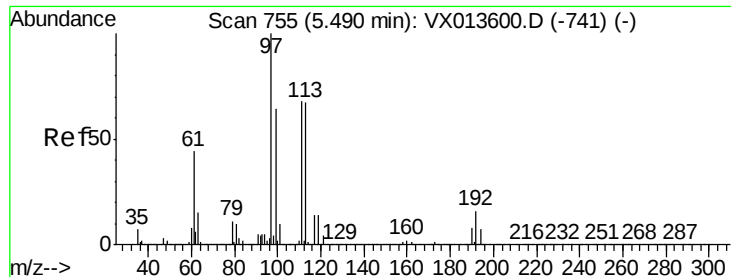
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 14.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.105 ug/l

RT: 5.49 min Scan# 755

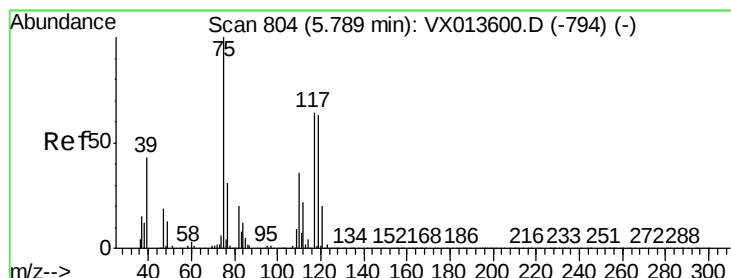
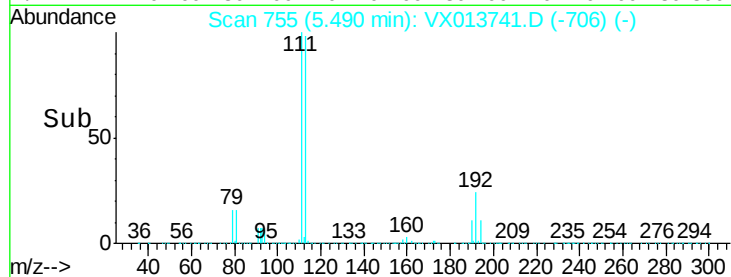
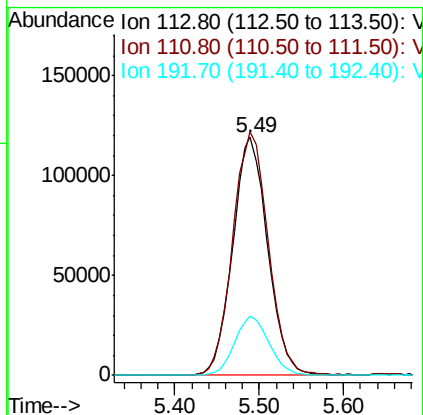
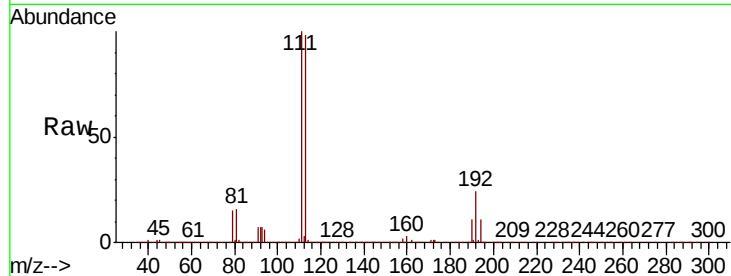
Delta R.T. -0.00 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	333055
Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.6	125.4
192	24.5	19.2	28.8



#36

1,1-Dichloropropene

Concen: 4.796 ug/l

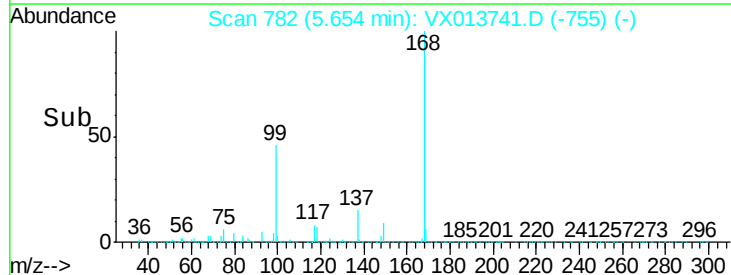
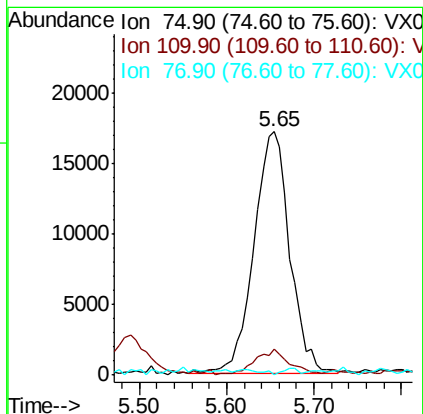
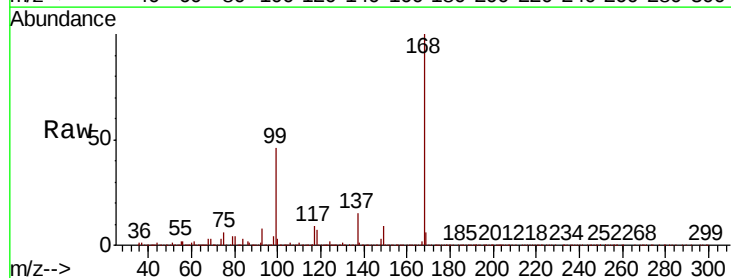
RT: 5.65 min Scan# 782

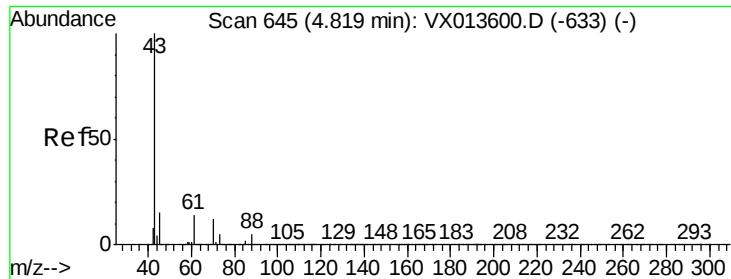
Delta R.T. -0.13 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Tgt Ion:	75	Resp:	48761
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.1#
77	0.0	24.5	36.7#

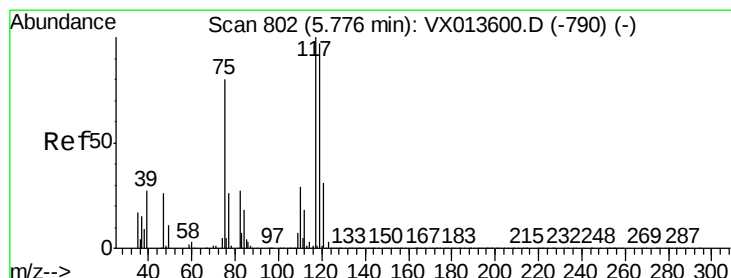
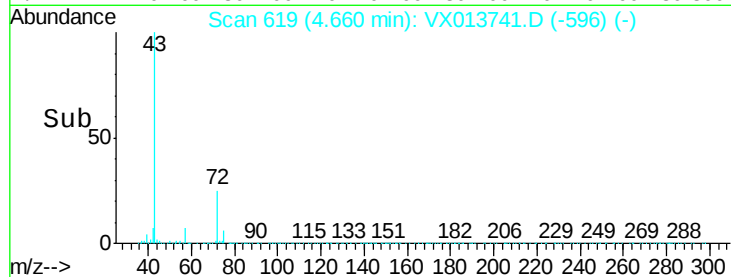
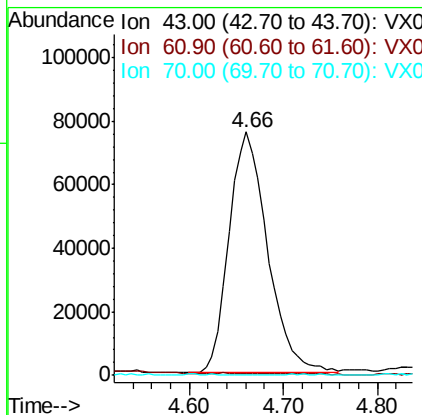
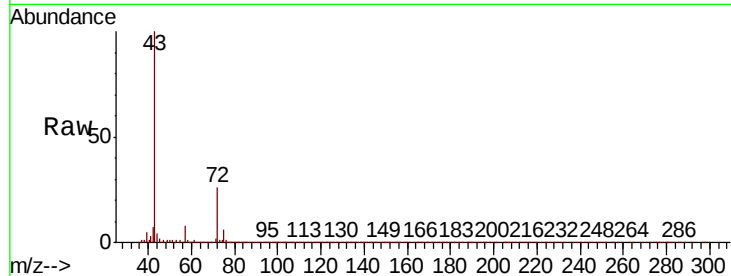




#37
Ethyl Acetate
Concen: 19.078 ug/l
RT: 4.66 min Scan# 619
Delta R.T. -0.16 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

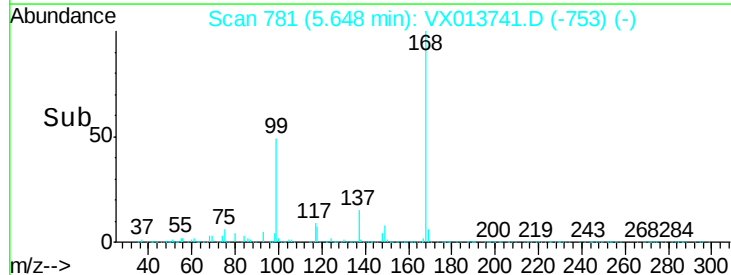
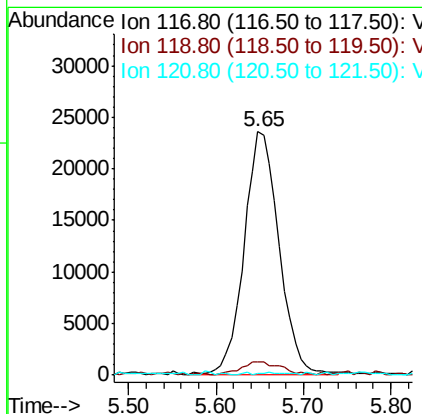
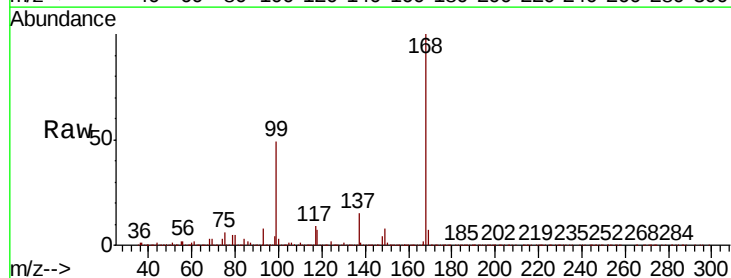
Instrument :
MSVOA_X
ClientSampleId :

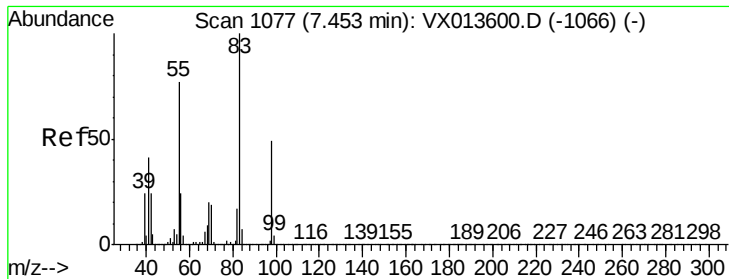
Tot Ion: 43 Resp: 217575
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 0.1 8.6 12.8#



#38
Carbon Tetrachloride
Concen: 6.902 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

Tgt Ion: 117 Resp: 64700
Ion Ratio Lower Upper
117 100
119 5.3 77.5 116.3#
121 0.6 25.0 37.6#

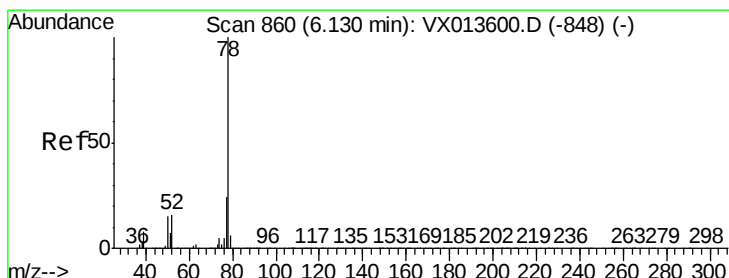
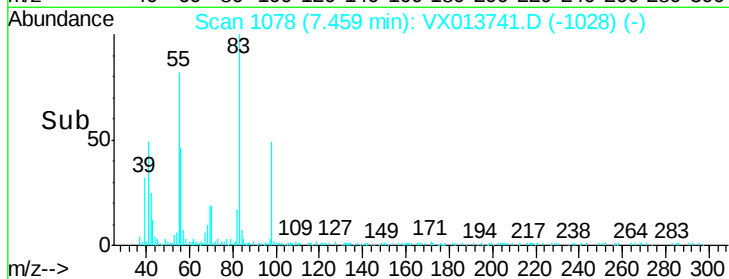
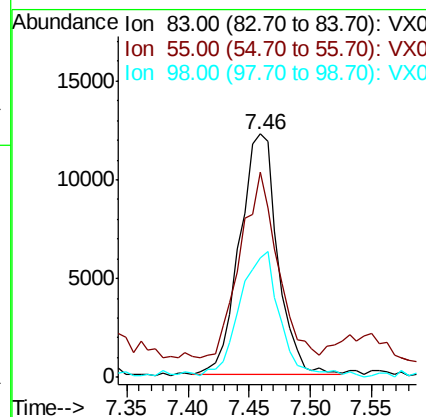
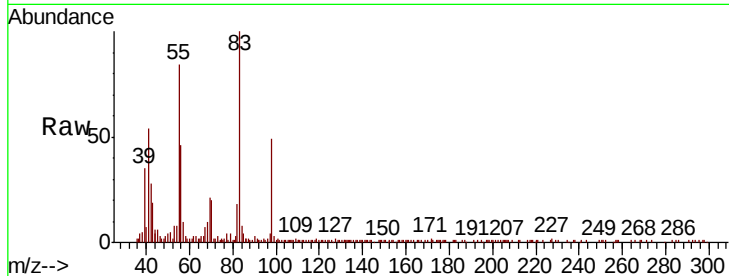




#39
Methvlcvclohexane
Concen: 2.100 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

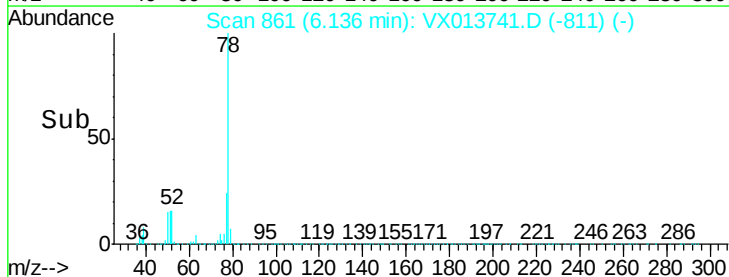
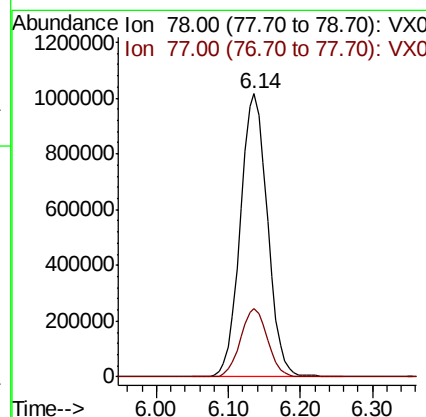
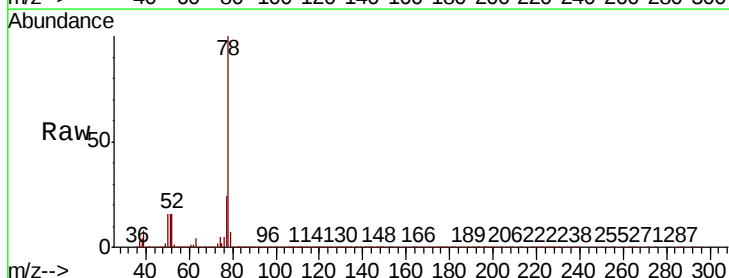
Instrument :
MSVOA_X
ClientSampleId :

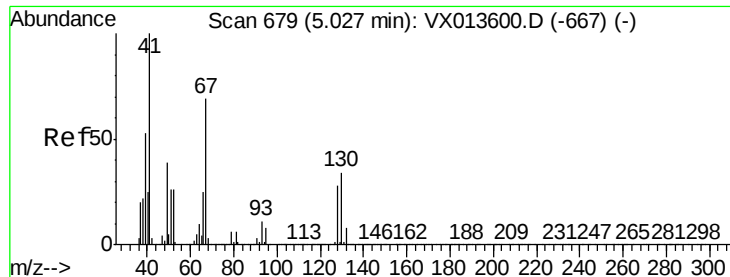
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.9	92.9
98	48.6	39.4	59.0



#40
Benzene
Concen: 85.777 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





#41

Methacrylonitrile

Concen: 4.026 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.08 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 25179

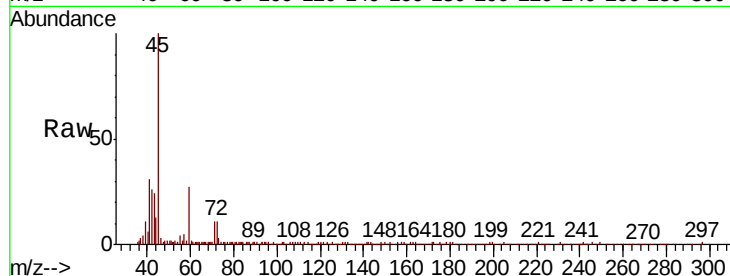
Ion Ratio Lower Upper

41 100

39 46.2 42.9 64.3

67 0.0 57.4 86.0#

52 0.7 22.4 33.6#



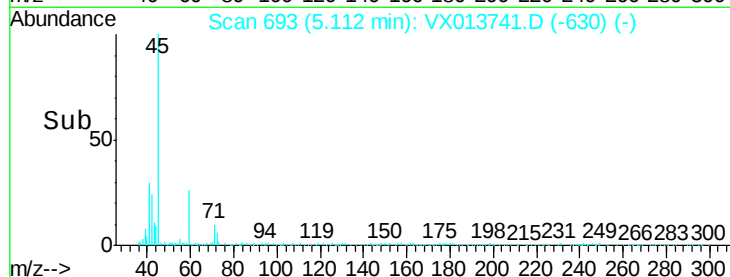
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

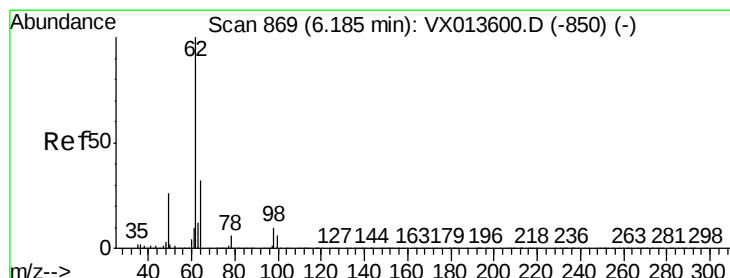
Ion 52.00 (51.70 to 52.70): VX0

Time-->



Abundance

Time-->



#42

1,2-Dichloroethane

Concen: 2.428 ug/l

RT: 6.14 min Scan# 862

Delta R.T. -0.04 min

Lab File: VX013741.D

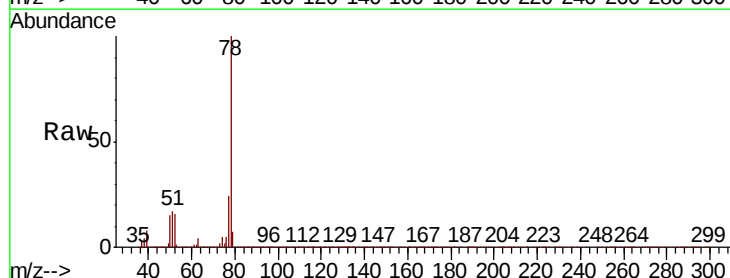
Acq: 03 Dec 2019 21:37

Tgt Ion: 62 Resp: 25643

Ion Ratio Lower Upper

62 100

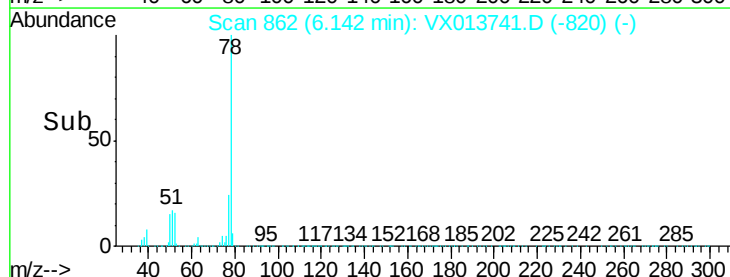
98 0.7 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

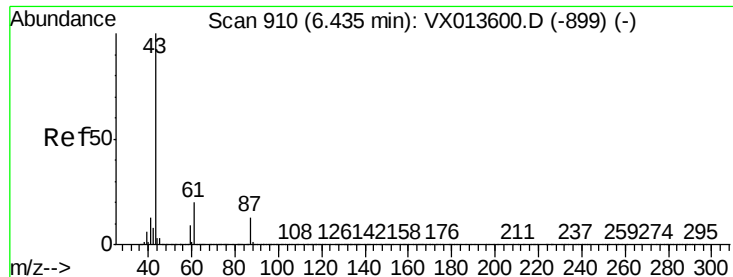
Ion 97.90 (97.60 to 98.60): VX0

Time-->



Abundance

Time-->

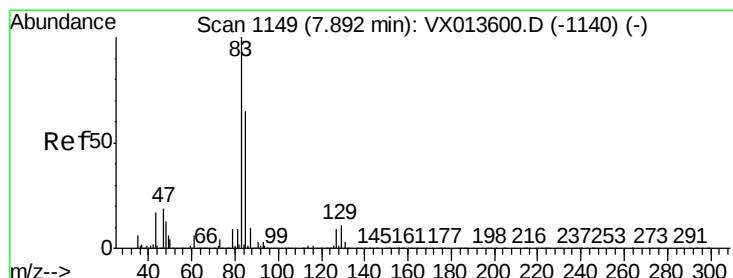
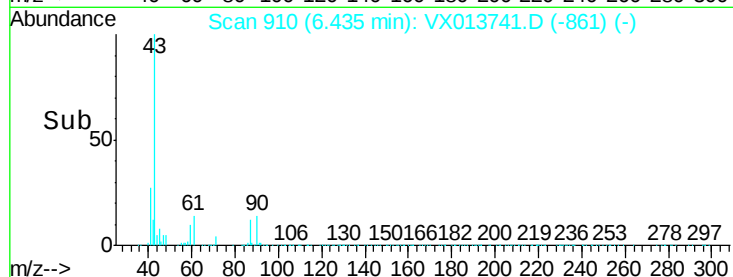
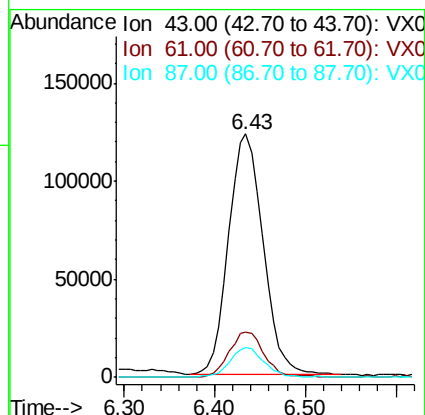
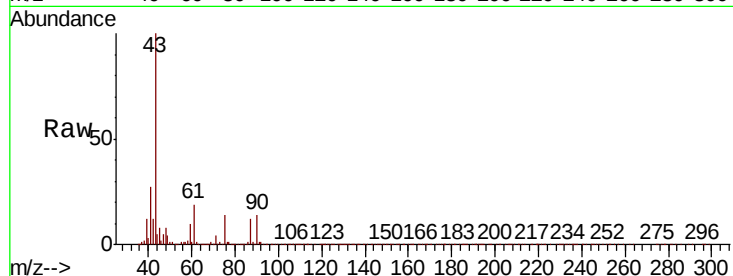


#43

Isopropyl Acetate
 Concen: 17.387 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013741.D
 Acq: 03 Dec 2019 21:37

Instrument :
 MSVOA_X
 ClientSampleId :

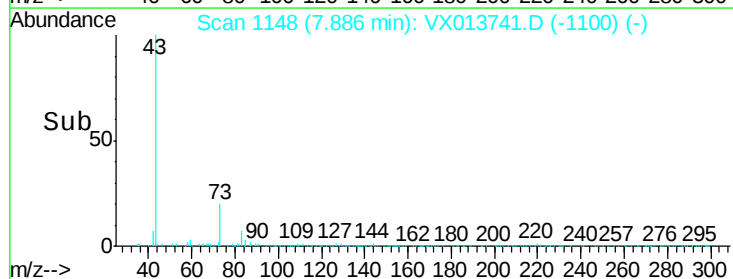
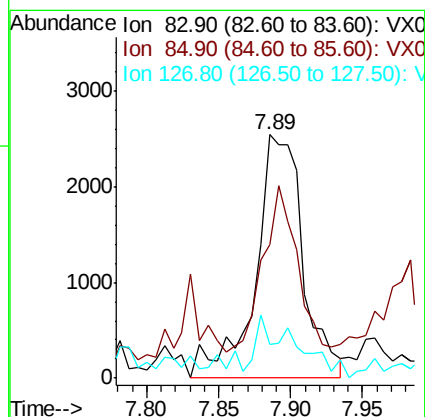
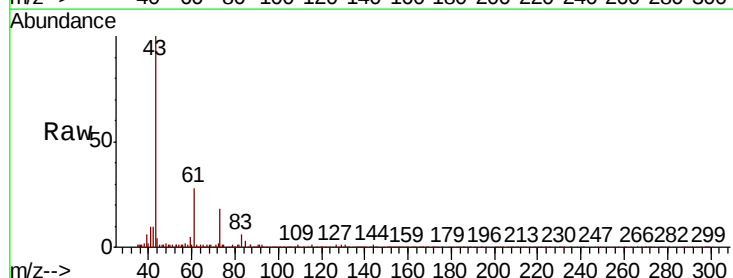
Tot Ion	43	Resp	326448
Ion Ratio	Lower	Upper	
43	100		
61	18.6	16.3	24.5
87	11.9	10.8	16.2

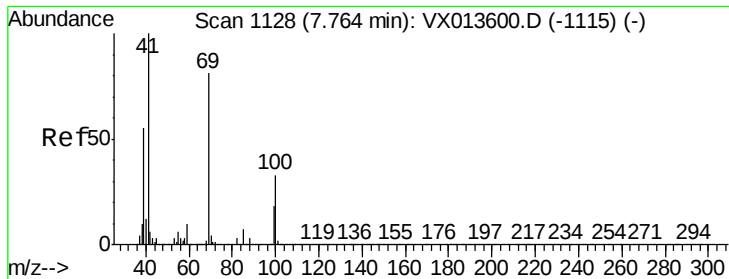


#47

Bromodichloromethane
 Concen: 0.587 ug/l
 RT: 7.89 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: VX013741.D
 Acq: 03 Dec 2019 21:37

Tgt Ion	83	Resp	5841
Ion Ratio	Lower	Upper	
83	100		
85	44.7	52.1	78.1#
127	6.7	7.0	10.4#

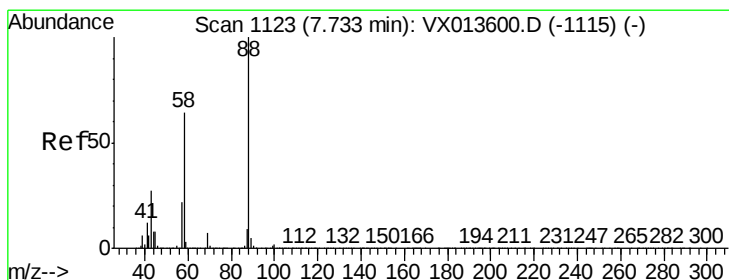
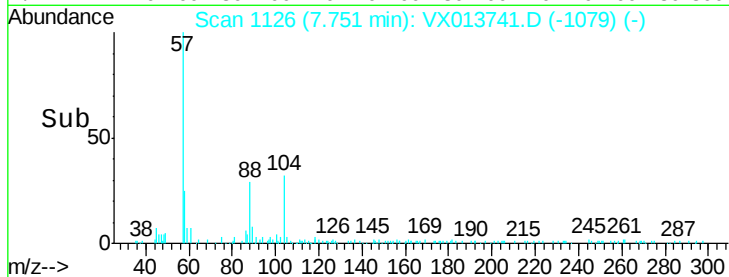
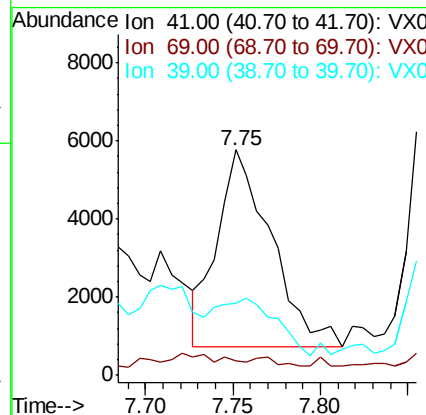
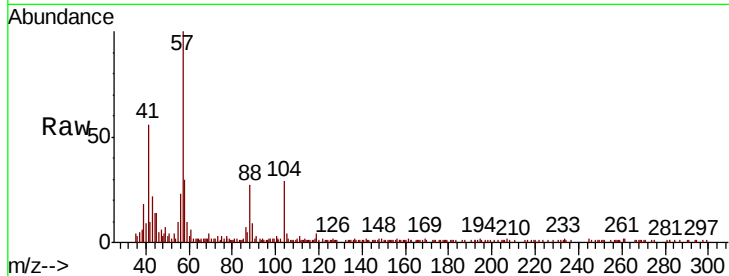




#48
Methvl methacrylate
Concen: 1.190 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

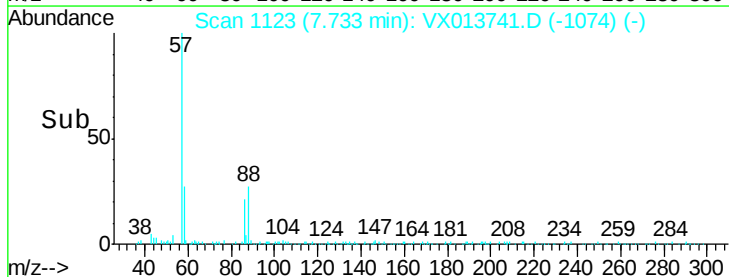
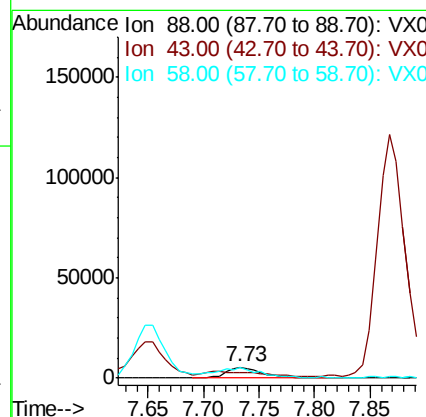
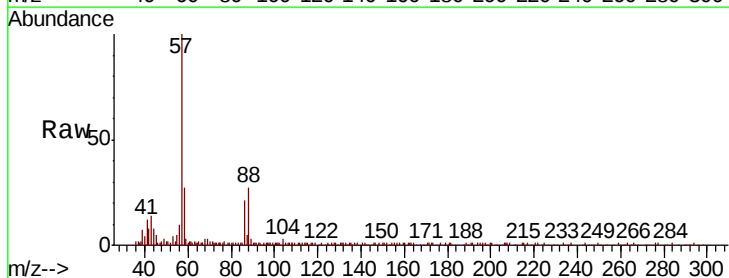
Instrument :
MSVOA_X
ClientSampleId :

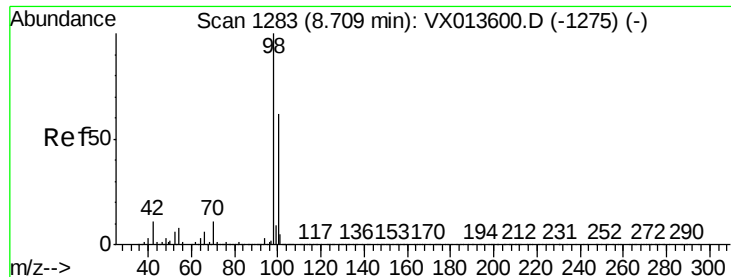
Tot Ion: 41 Resp: 10852
Ion Ratio Lower Upper
41 100
69 0.0 64.7 97.1#
39 31.3 43.8 65.6#



#49
1,4-Dioxane
Concen: 58.437 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

Tgt Ion: 88 Resp: 11933
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.6#
58 104.5 54.6 82.0#

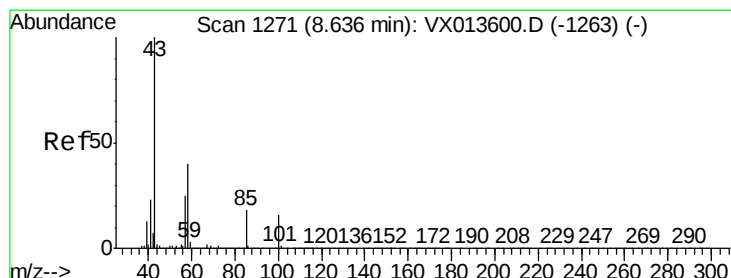
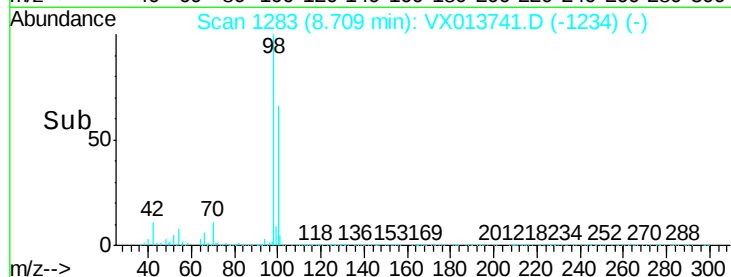
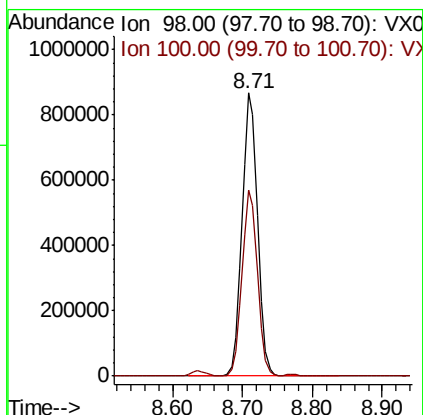
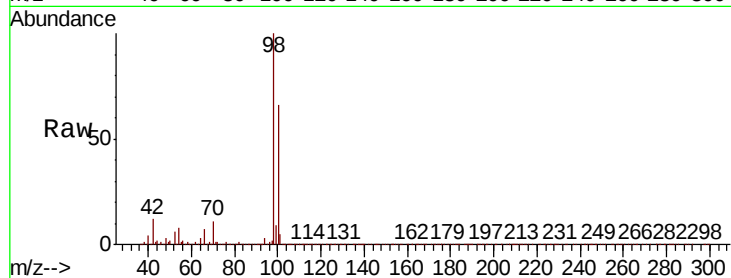




#50
Toluene-d8
Concen: 49.373 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

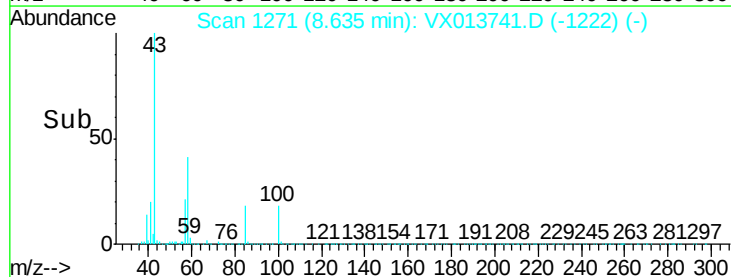
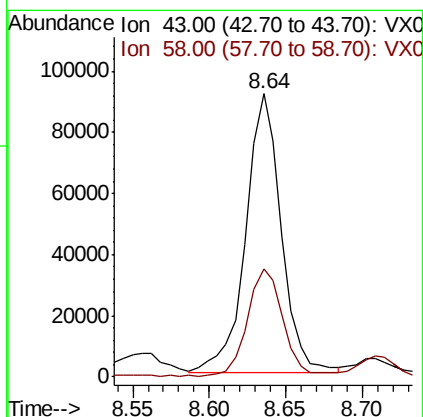
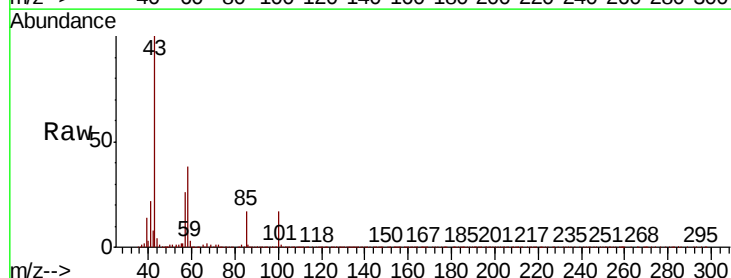
Instrument :
MSVOA_X
ClientSampleId :

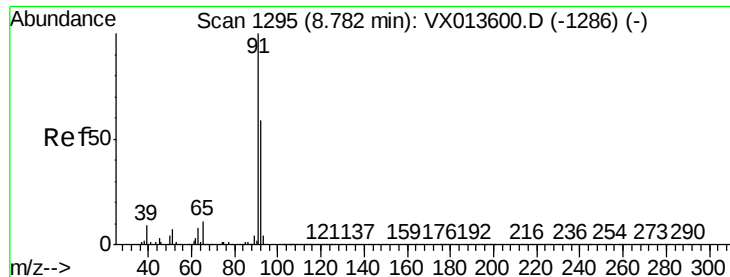
Tot Ion: 98 Resp: 1331813
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 12.397 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

Tgt Ion: 43 Resp: 146412
Ion Ratio Lower Upper
43 100
58 38.1 32.1 48.1





#52

Toluene

Concen: 145.887 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :

MSVOA_X

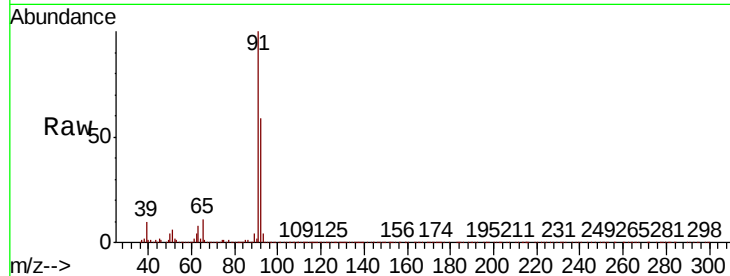
ClientSampleId :

Tot Ion: 92 Resp: 2806134

Ion Ratio Lower Upper

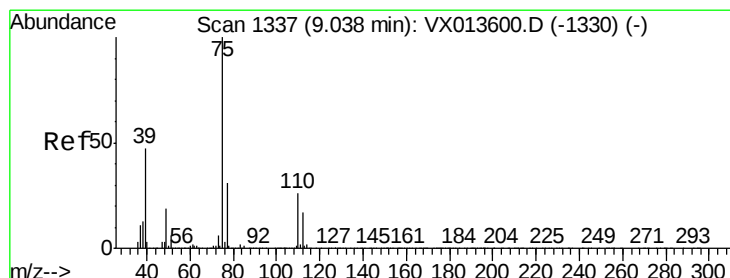
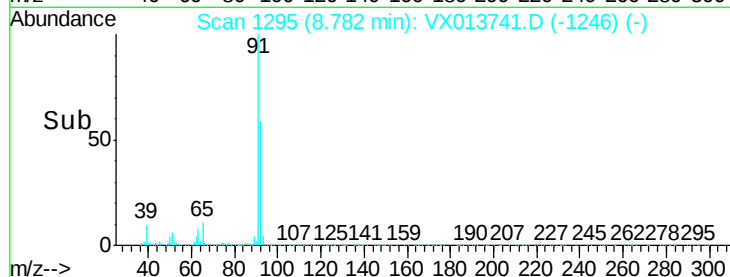
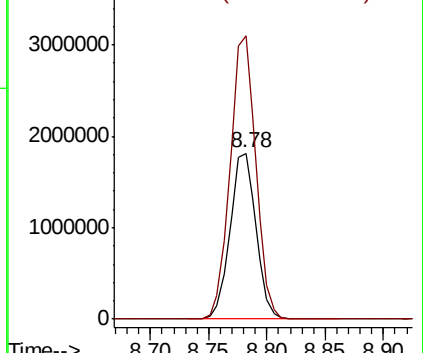
92 100

91 169.8 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.954 ug/l

RT: 8.96 min Scan# 1324

Delta R.T. -0.08 min

Lab File: VX013741.D

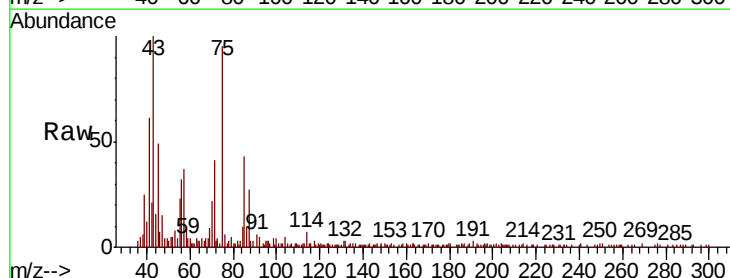
Acq: 03 Dec 2019 21:37

Tgt Ion: 75 Resp: 10798

Ion Ratio Lower Upper

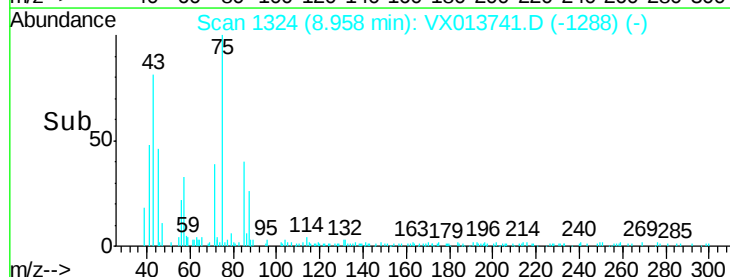
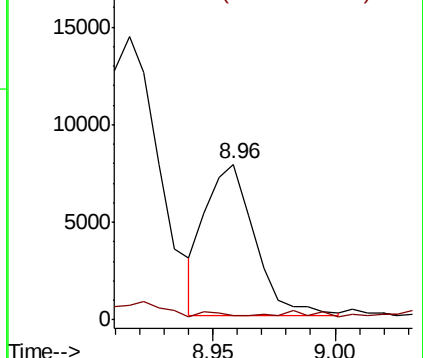
75 100

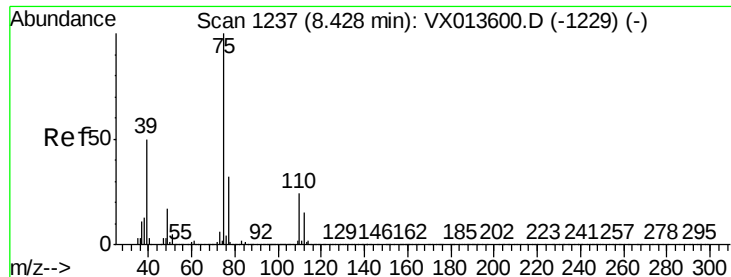
77 0.9 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



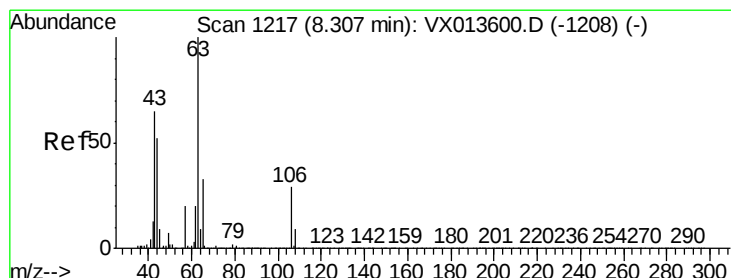
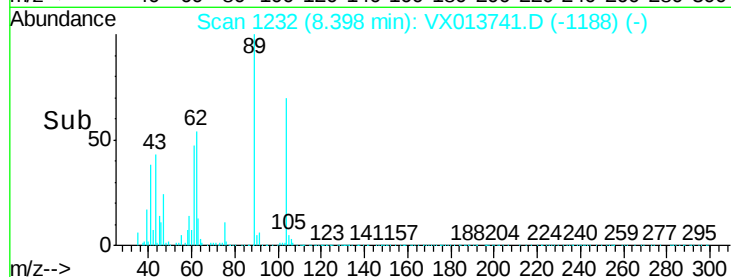
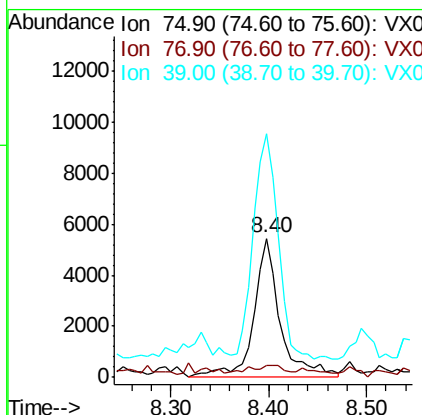
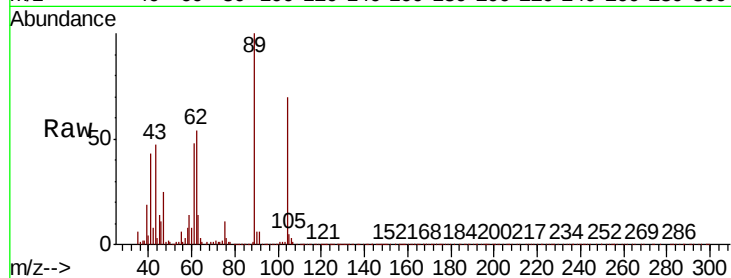


#54

cis-1,3-Dichloropropene
Concen: 0.825 ug/l
RT: 8.40 min Scan# 1232
Delta R.T. -0.03 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

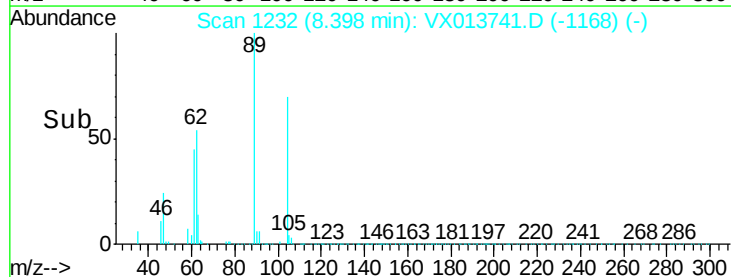
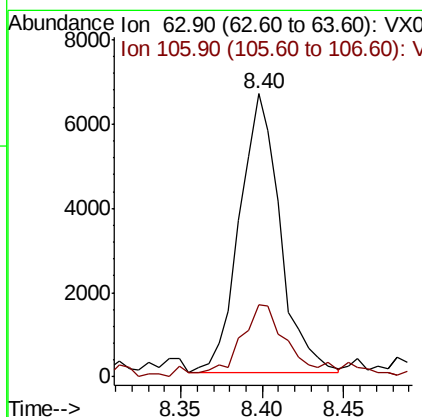
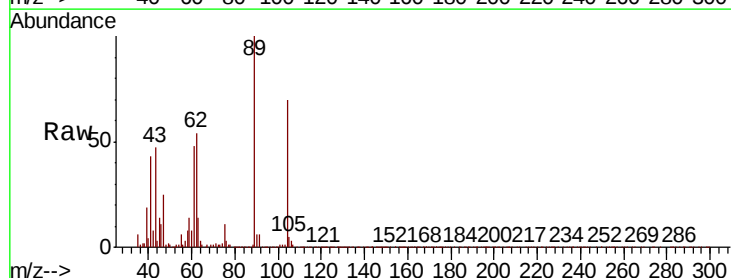
Tot Ion	Ratio	Lower	Upper
75	100		
77	6.2	25.8	38.6#
39	161.9	39.9	59.9#

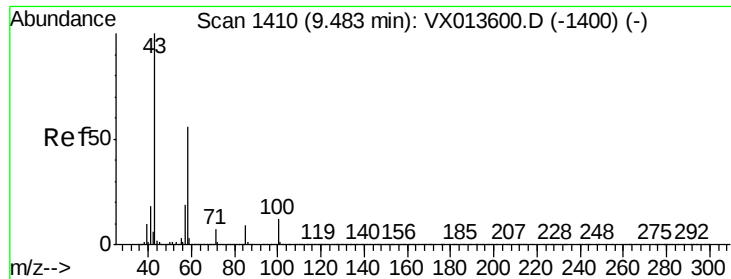


#58

2-Chloroethyl Vinyl ether
Concen: 2.340 ug/l
RT: 8.40 min Scan# 1232
Delta R.T. 0.09 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.1	23.4	35.0

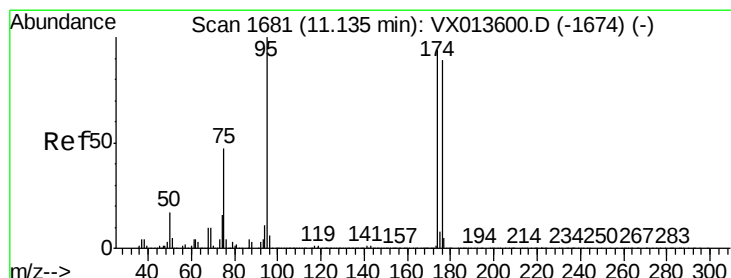
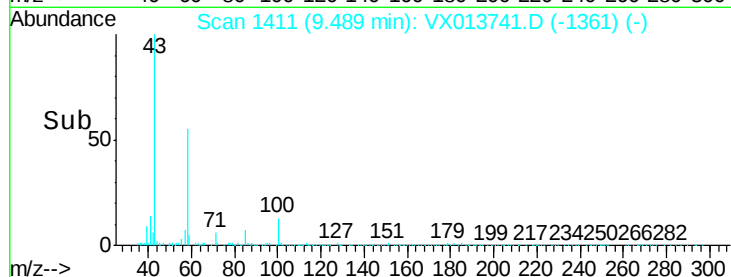
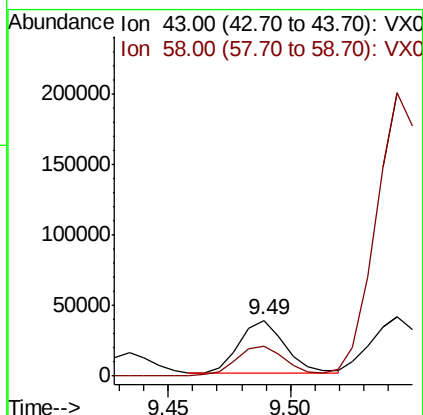
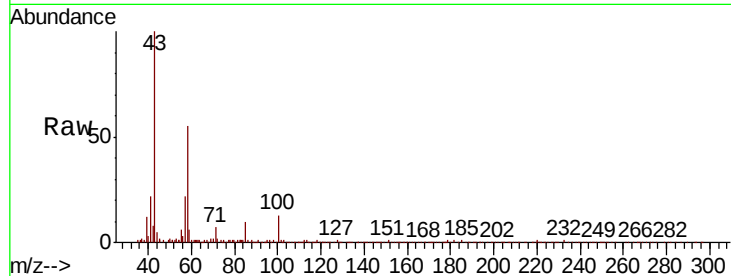




#59
2-Hexanone
Concen: 5.429 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

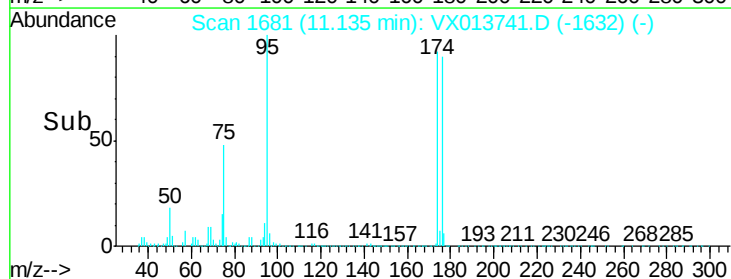
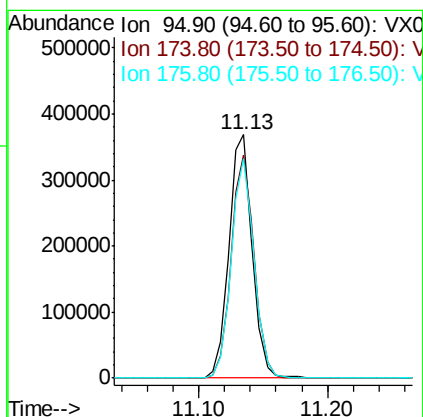
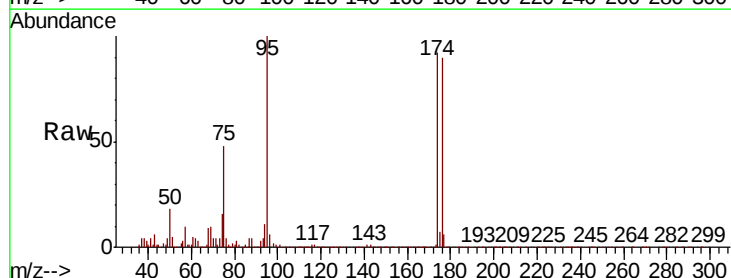
Instrument :
MSVOA_X
ClientSampled :

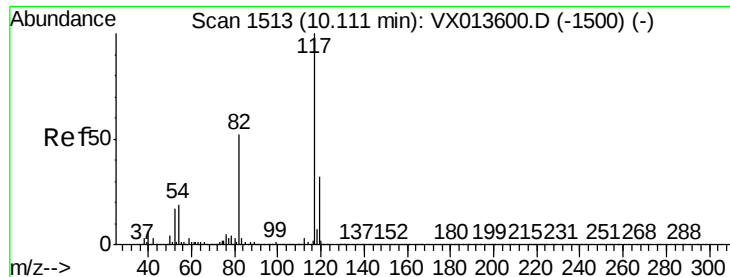
Tot Ion: 43 Resp: 50009
Ion Ratio Lower Upper
43 100
58 61.3 28.1 84.4



#62
4-Bromofluorobenzene
Concen: 47.945 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

Tgt Ion: 95 Resp: 466367
Ion Ratio Lower Upper
95 100
174 90.2 0.0 180.0
176 88.3 0.0 173.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

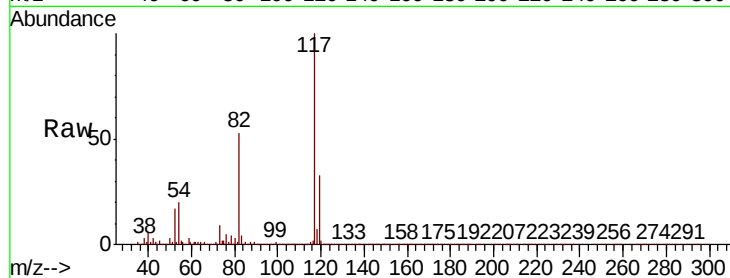
Tot Ion:117 Resp: 996221

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.8

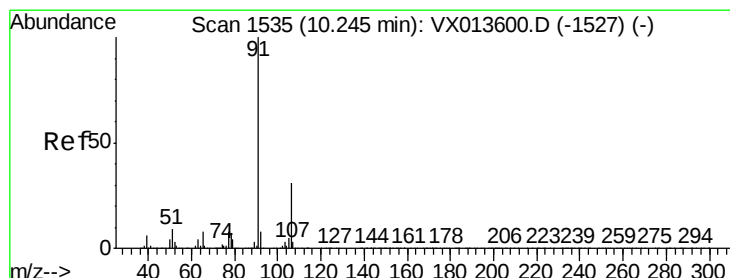
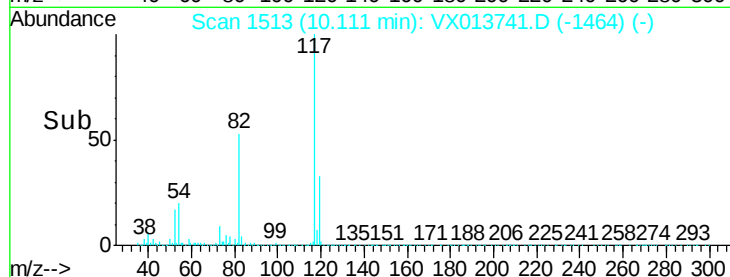
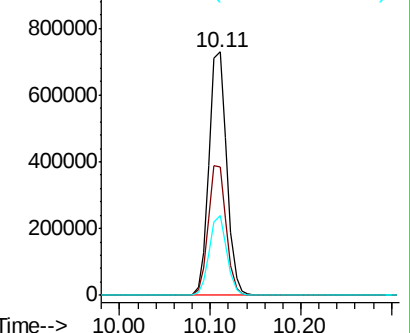
119 32.6 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 11.148 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013741.D

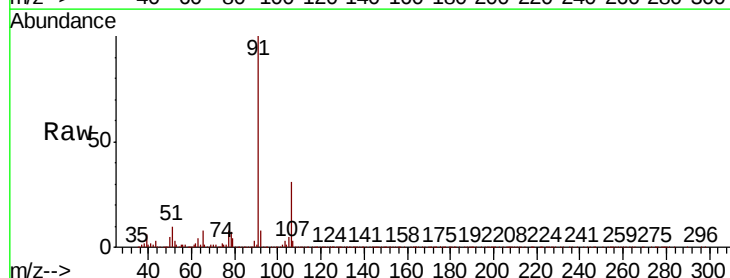
Acq: 03 Dec 2019 21:37

Tgt Ion: 91 Resp: 396242

Ion Ratio Lower Upper

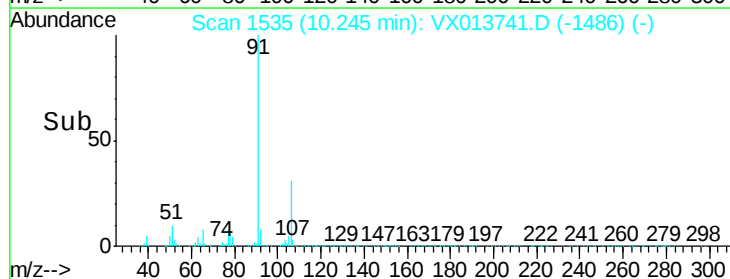
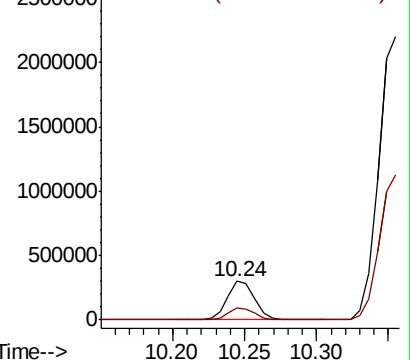
91 100

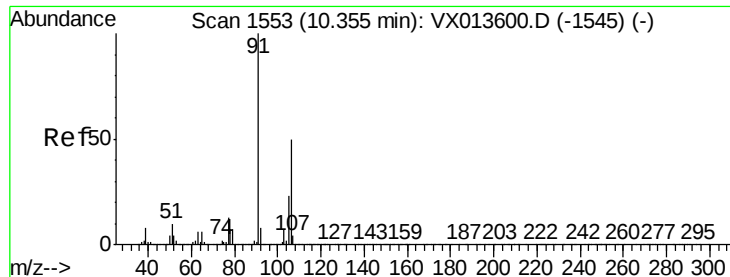
106 30.8 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 108.132 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :

MSVOA_X

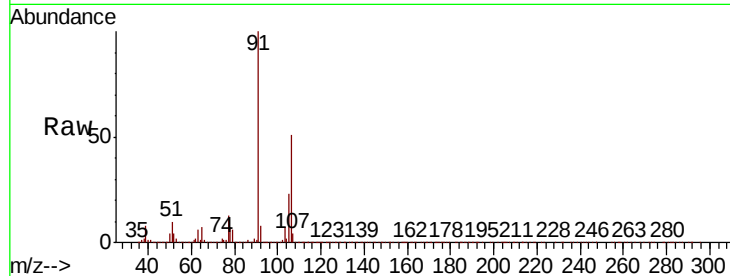
ClientSampleId :

Tot Ion:106 Resp: 1471414

Ion Ratio Lower Upper

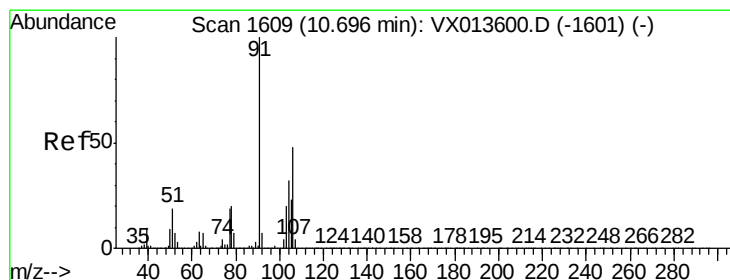
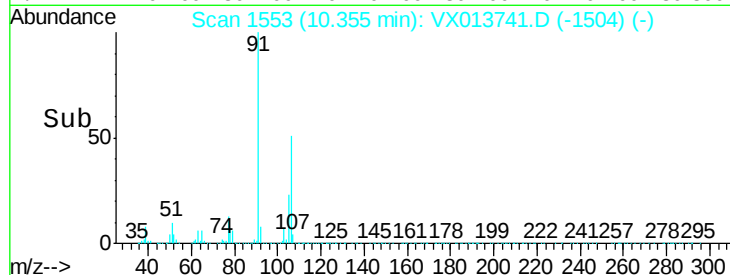
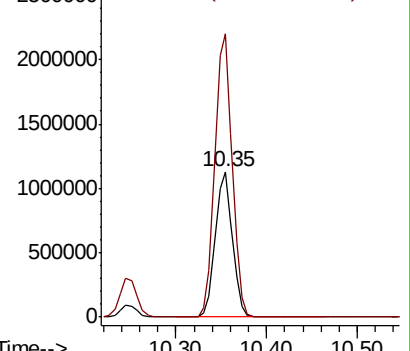
106 100

91 197.8 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 33.462 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013741.D

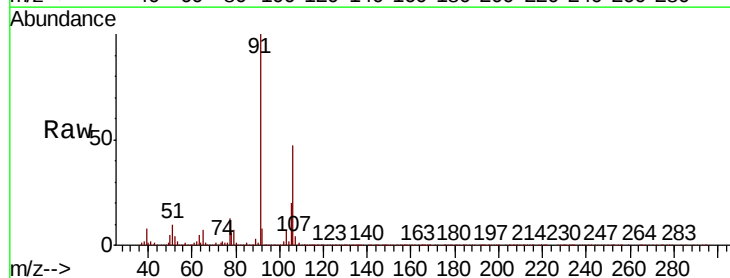
Acq: 03 Dec 2019 21:37

Tgt Ion:106 Resp: 444091

Ion Ratio Lower Upper

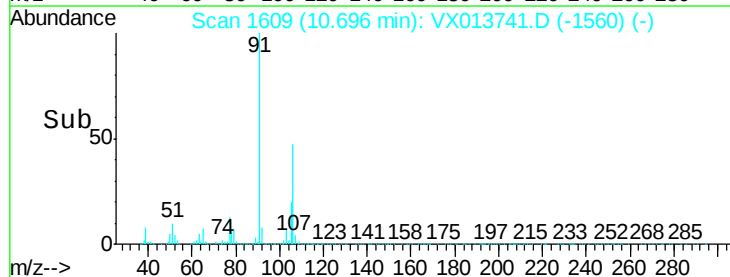
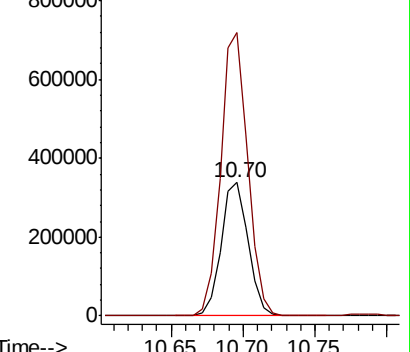
106 100

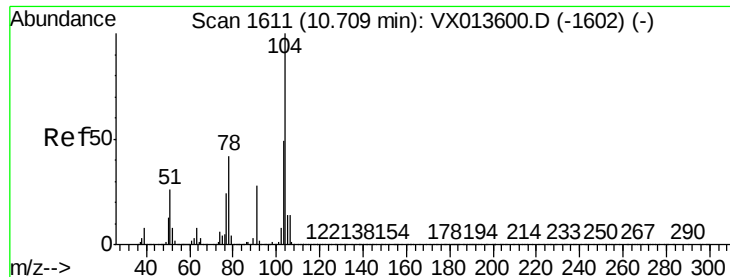
91 211.2 104.1 312.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

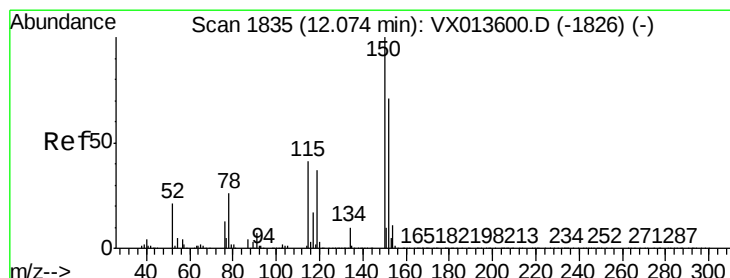
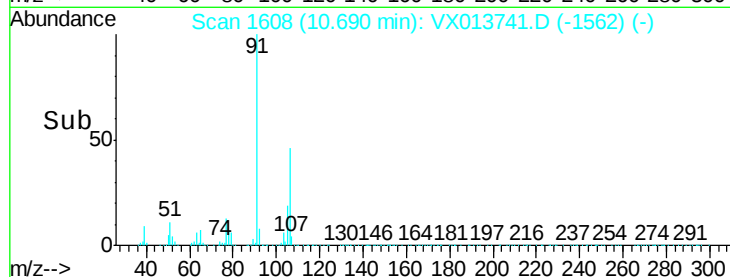
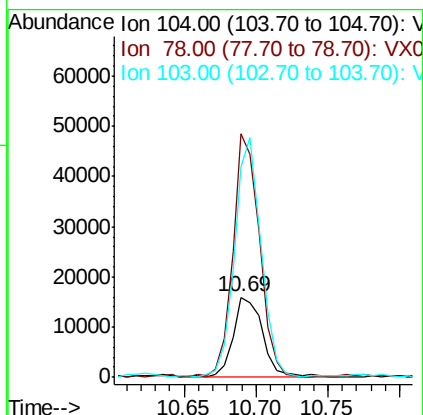
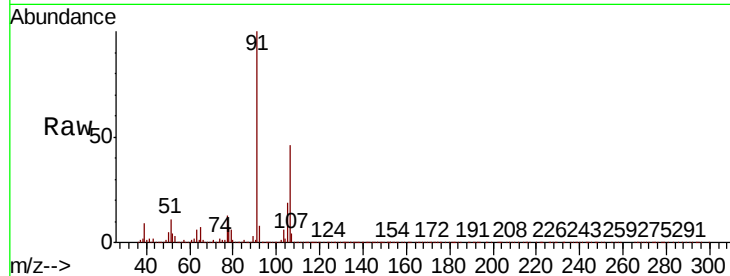




#70
Stvrene
Concen: 1.001 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.02 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

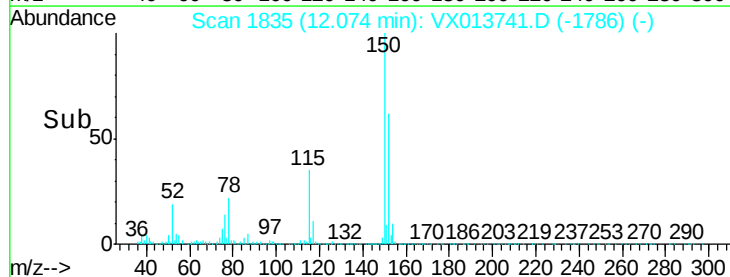
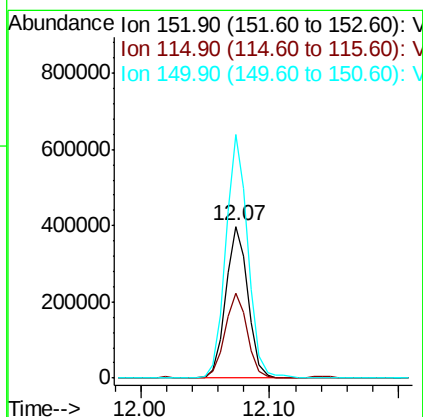
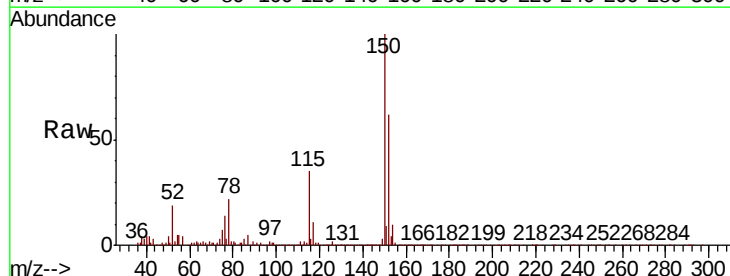
Instrument :
MSVOA_X
ClientSampleId :

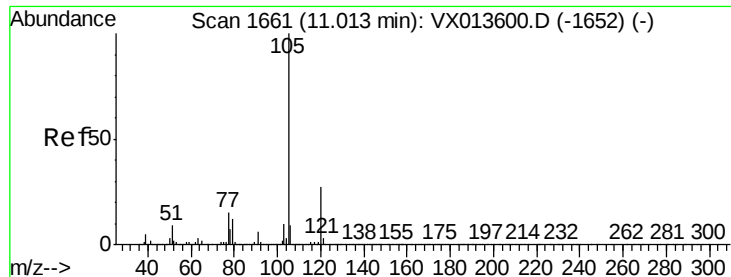
Tot Ion:104 Resp: 22347
Ion Ratio Lower Upper
104 100
78 281.3 38.5 57.7#
103 271.6 43.7 65.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013741.D
Acq: 03 Dec 2019 21:37

Tgt Ion:152 Resp: 481229
Ion Ratio Lower Upper
152 100
115 55.9 38.4 115.1
150 160.4 0.0 346.8





#73

Isopropylbenzene

Concen: 2.111 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :

MSVOA_X

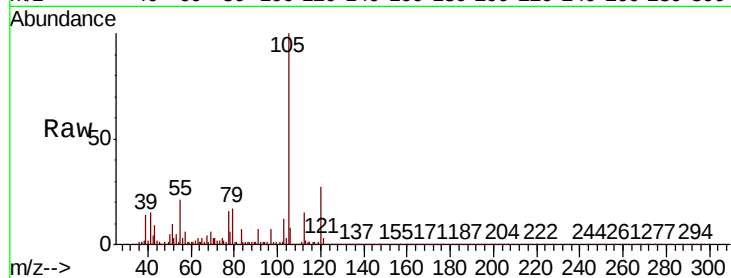
ClientSampleId :

Tot Ion:105 Resp: 71257

Ion Ratio Lower Upper

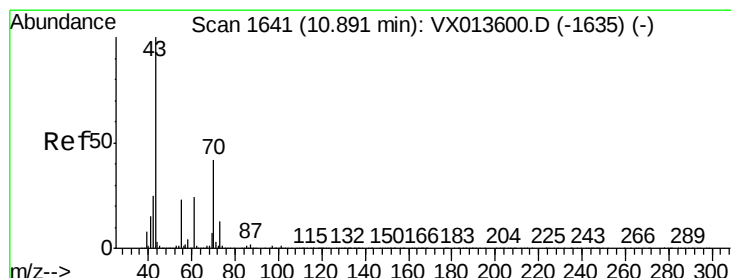
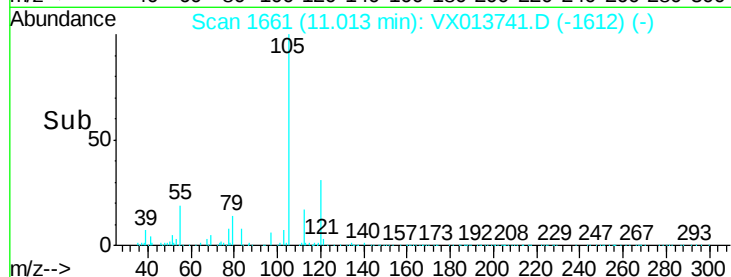
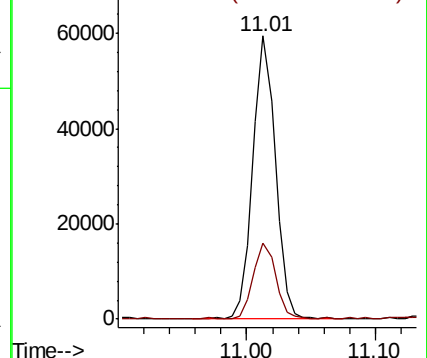
105 100

120 26.5 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 13.779 ug/l

RT: 10.81 min Scan# 1627

Delta R.T. -0.09 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Tgt Ion: 43 Resp: 213066

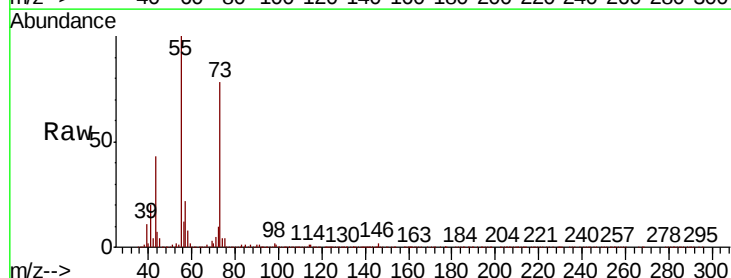
Ion Ratio Lower Upper

43 100

70 3.2 34.3 51.5#

55 166.1 18.5 27.7#

61 0.0 19.8 29.8#

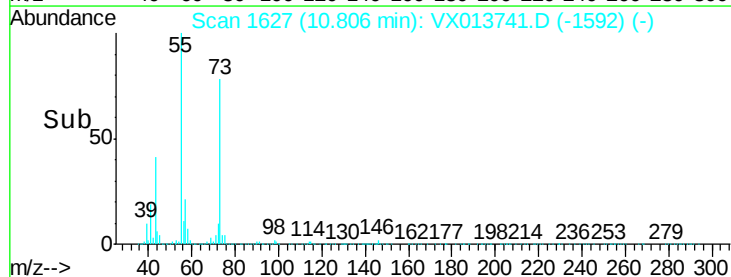
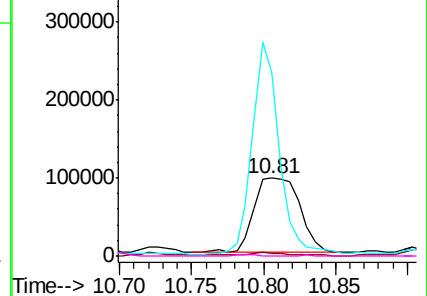


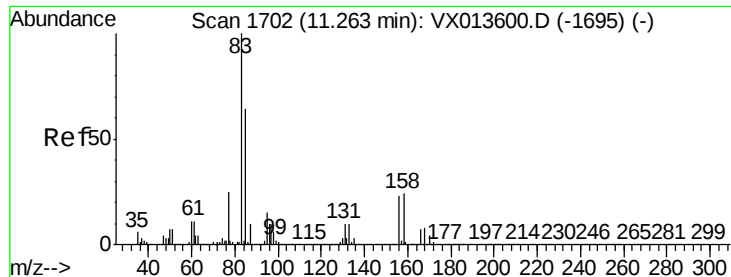
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.261 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

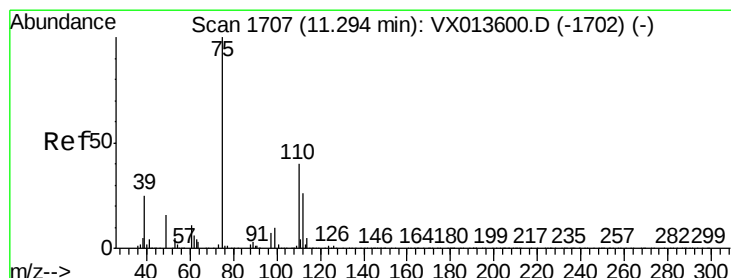
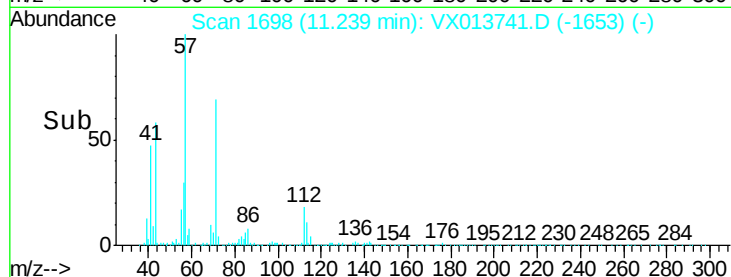
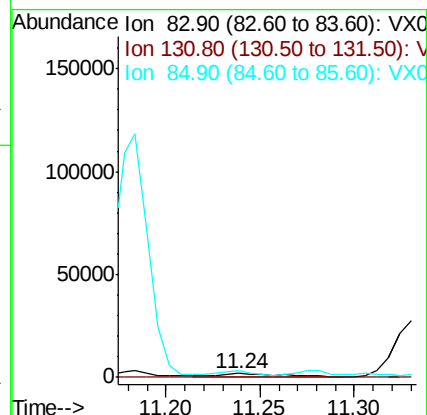
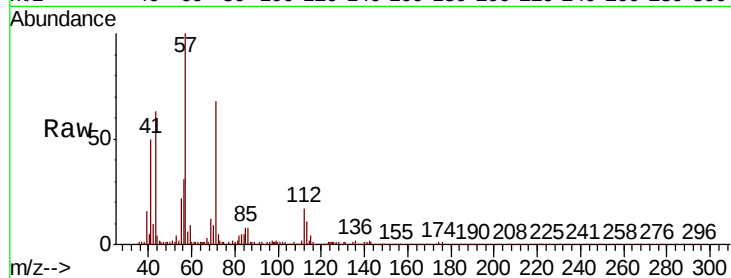
Tot Ion: 83 Resp: 3051

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 31.8 95.3#



#76

1,2,3-Trichloropropane

Concen: 21.157 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013741.D

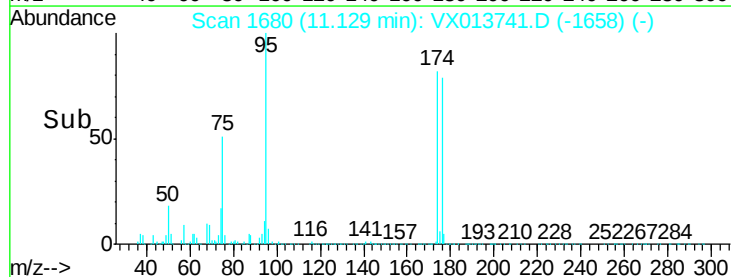
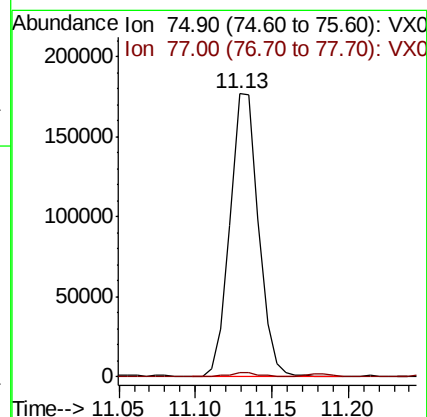
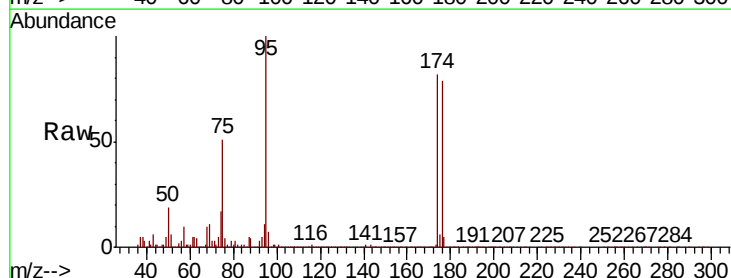
Acq: 03 Dec 2019 21:37

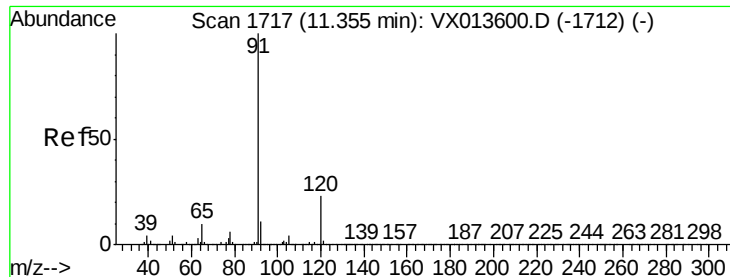
Tgt Ion: 75 Resp: 228996

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#





#78

n-propylbenzene

Concen: 1.449 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :

MSVOA_X

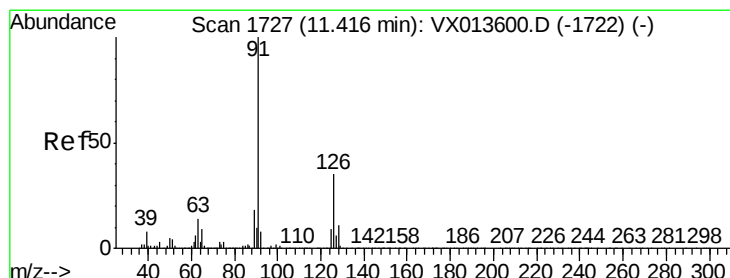
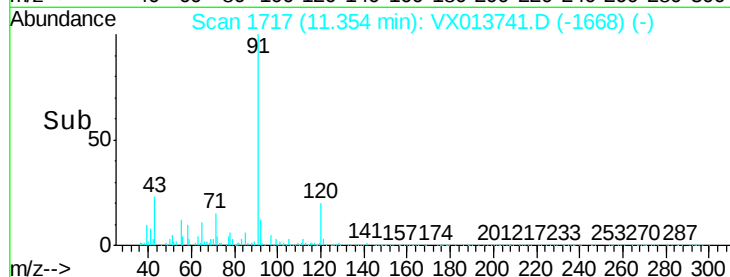
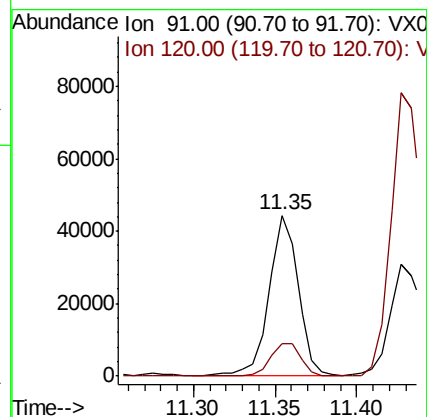
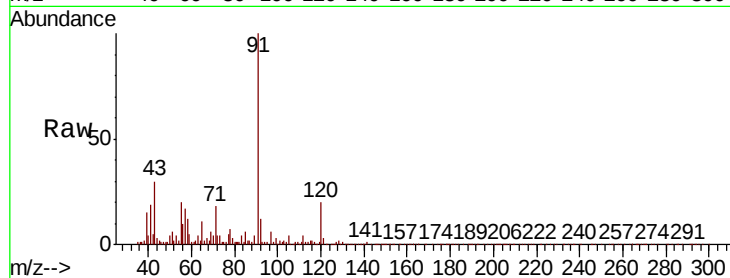
ClientSampleId :

Tot Ion: 91 Resp: 54594

Ion Ratio Lower Upper

91 100

120 20.8 11.8 35.3



#79

2-Chlorotoluene

Concen: 2.315 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX013741.D

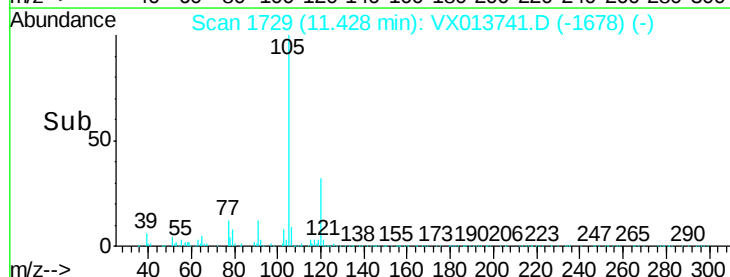
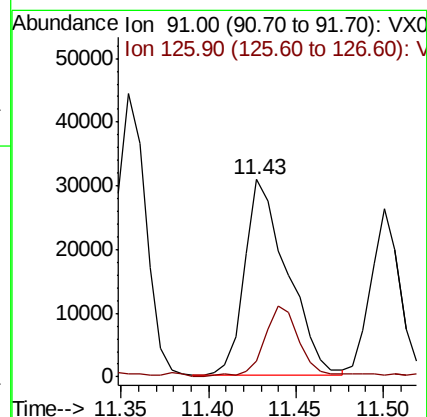
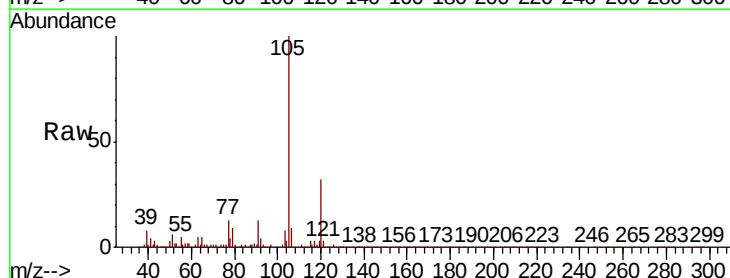
Acq: 03 Dec 2019 21:37

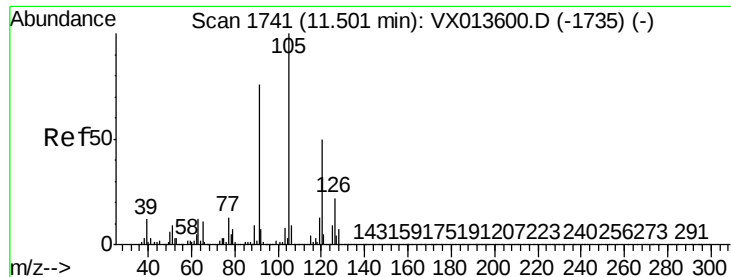
Tgt Ion: 91 Resp: 52334

Ion Ratio Lower Upper

91 100

126 30.2 17.5 52.5

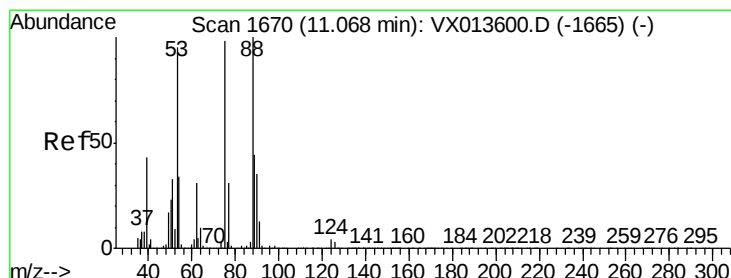
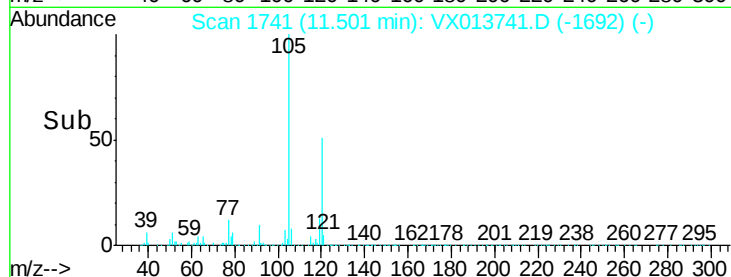
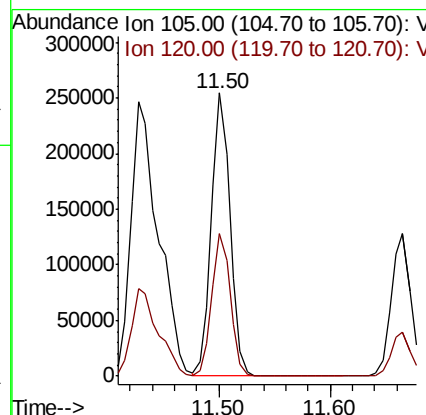
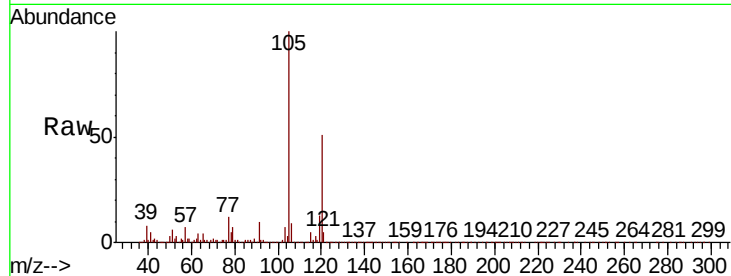




#80
 1,3,5-Trimethylbenzene
 Concen: 10.786 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013741.D
 Acq: 03 Dec 2019 21:37

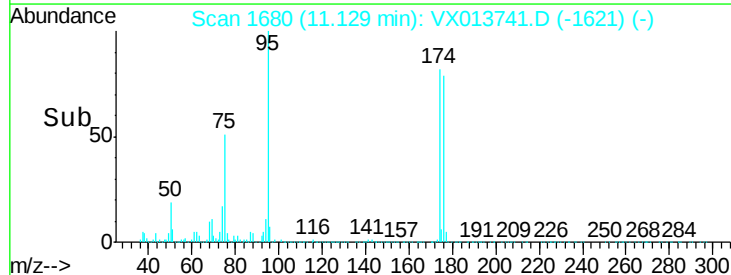
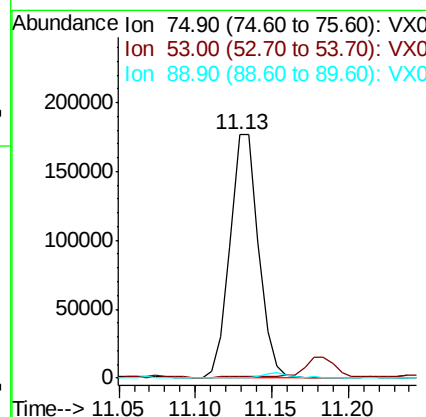
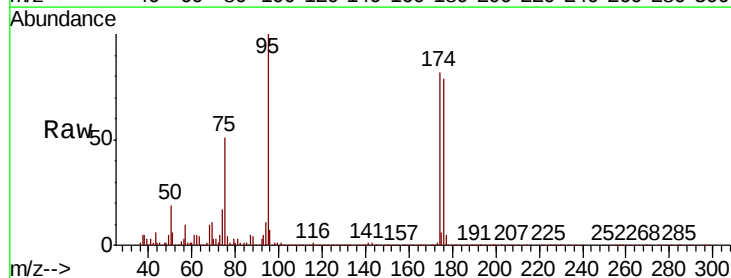
Instrument :
 MSVOA_X
 ClientSampleId :

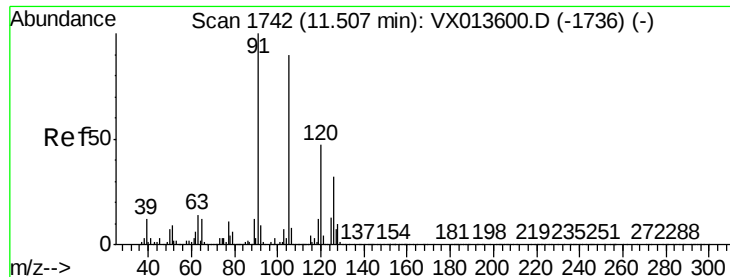
Tot Ion:105 Resp: 298404
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.3 75.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.882 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX013741.D
 Acq: 03 Dec 2019 21:37

Tgt Ion: 75 Resp: 228996
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.2#
 89 0.0 35.4 53.2#





#82

4-Chlorotoluene

Concen: 1.999 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. -0.08 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :

MSVOA_X

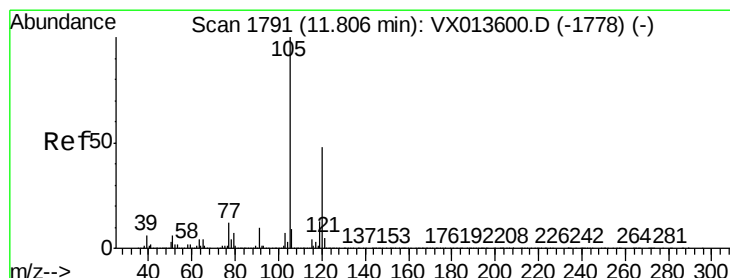
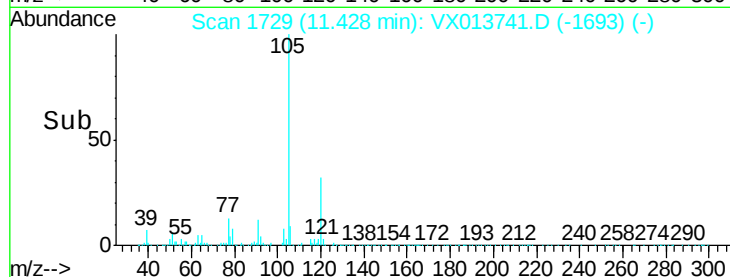
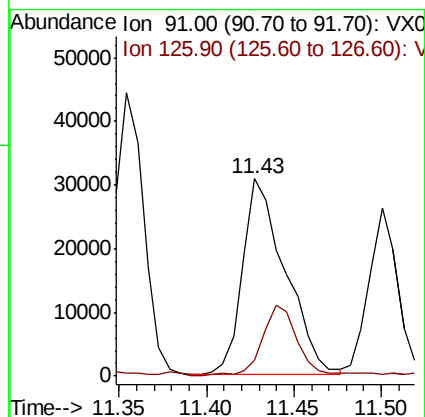
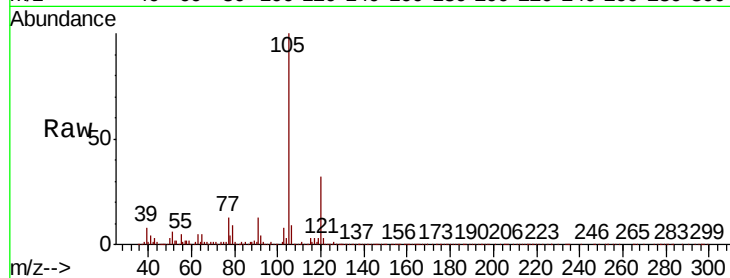
ClientSampleId :

Tot Ion: 91 Resp: 52334

Ion Ratio Lower Upper

91 100

126 30.2 15.7 47.0



#84

1,2,4-Trimethylbenzene

Concen: 17.717 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX013741.D

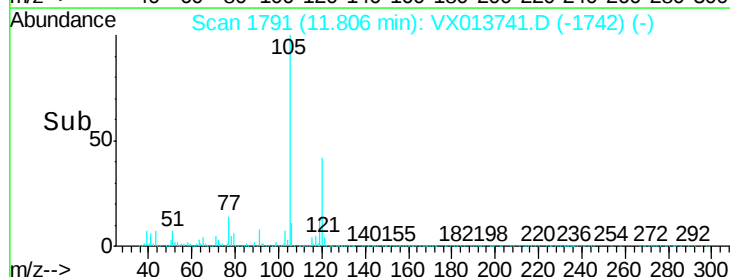
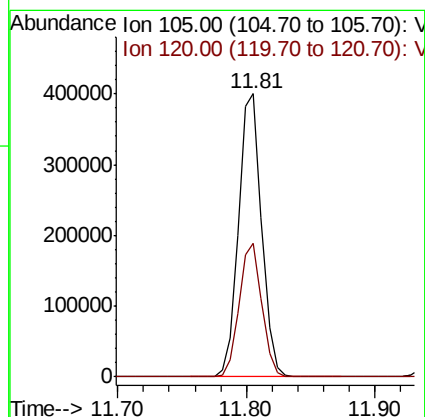
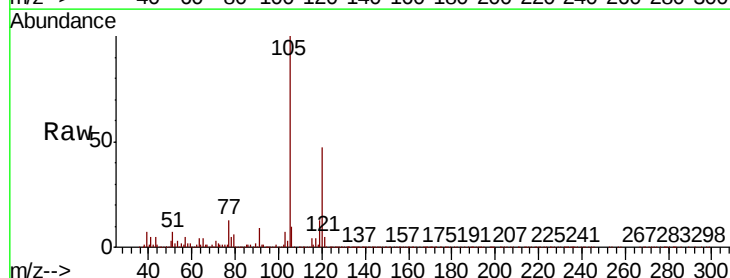
Acq: 03 Dec 2019 21:37

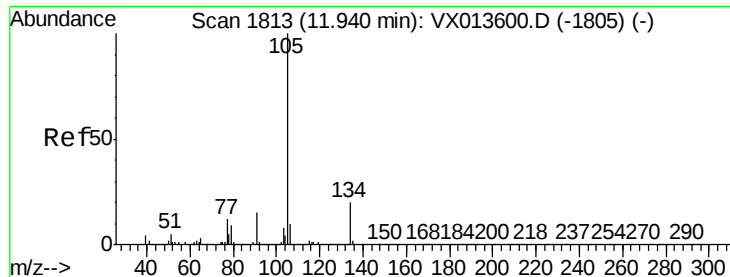
Tgt Ion: 105 Resp: 497482

Ion Ratio Lower Upper

105 100

120 46.3 23.1 69.3





#85

sec-Butylbenzene

Concen: 0.555 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :

MSVOA_X

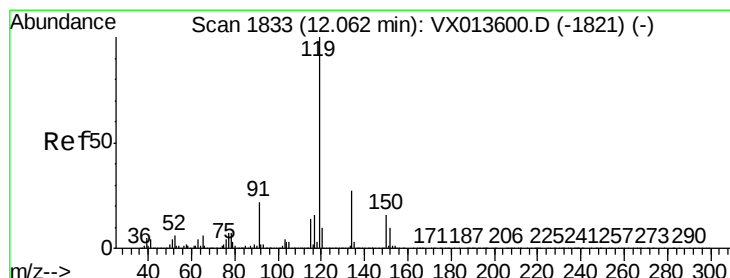
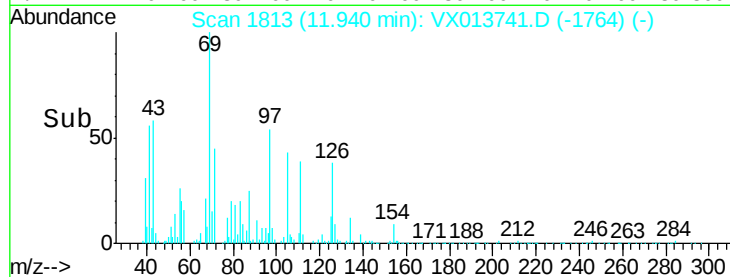
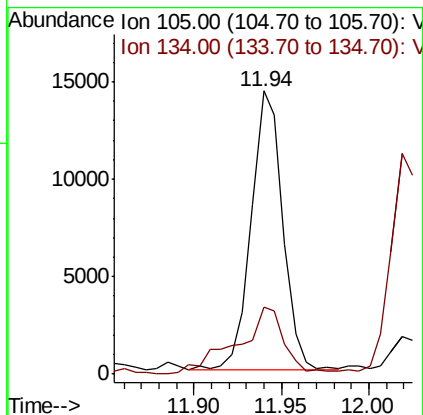
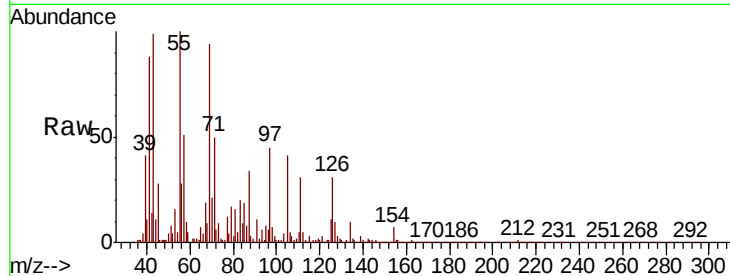
ClientSampleId :

Tot Ion:105 Resp: 17815

Ion Ratio Lower Upper

105 100

134 36.1 10.4 31.2#



#86

p-Isopropyltoluene

Concen: 0.589 ug/l

RT: 12.23 min Scan# 1860

Delta R.T. 0.16 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

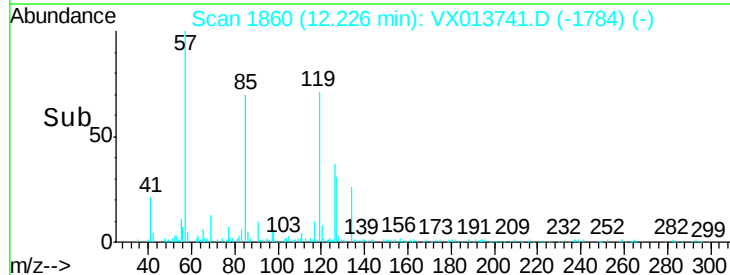
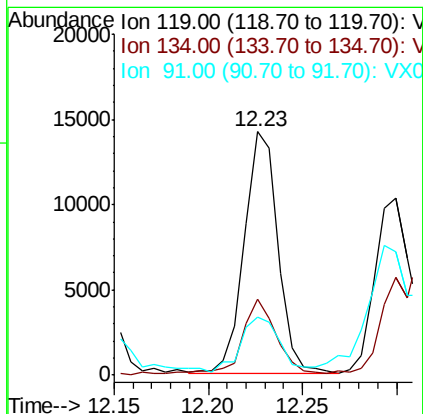
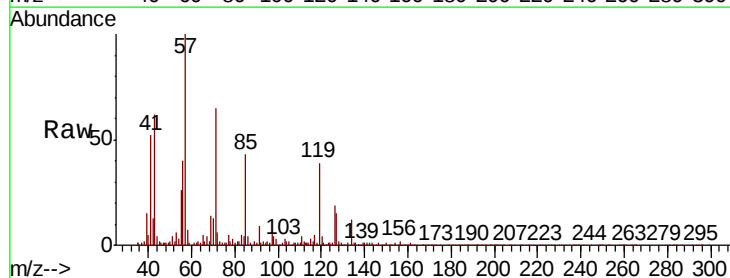
Tgt Ion:119 Resp: 17592

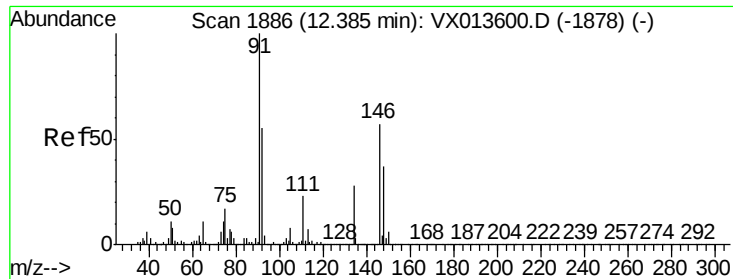
Ion Ratio Lower Upper

119 100

134 33.7 13.3 39.9

91 25.7 11.3 33.8





#89

n-Butylbenzene

Concen: 1.040 ug/l

RT: 12.37 min Scan# 1883

Delta R.T. -0.02 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

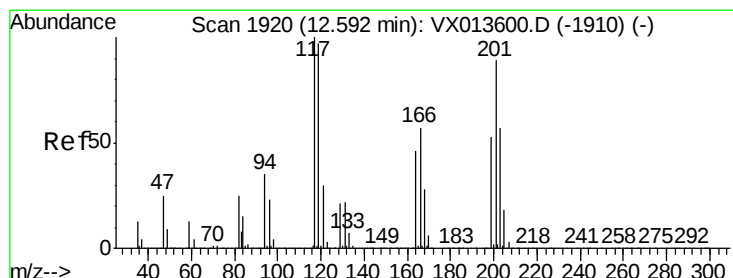
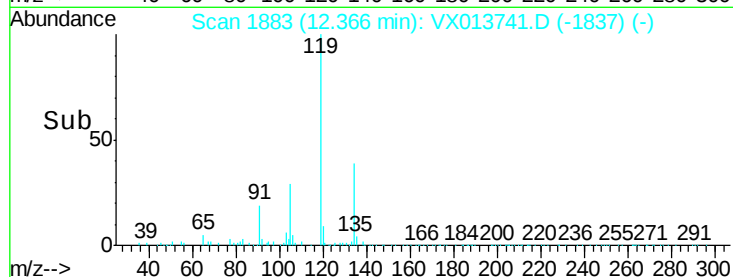
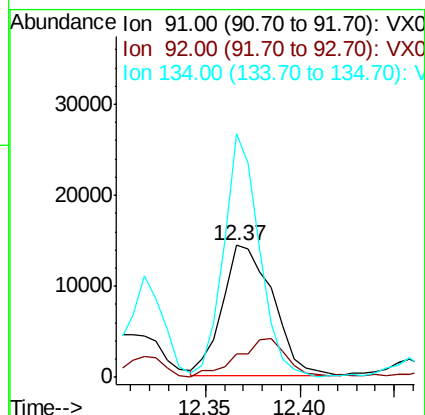
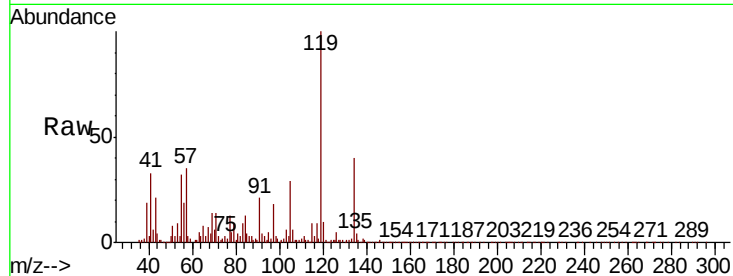
Tot Ion: 91 Resp: 26494

Ion Ratio Lower Upper

91 100

92 30.1 27.4 82.2

134 130.4 13.5 40.4#



#90

Hexachloroethane

Concen: 0.995 ug/l

RT: 12.60 min Scan# 1922

Delta R.T. 0.01 min

Lab File: VX013741.D

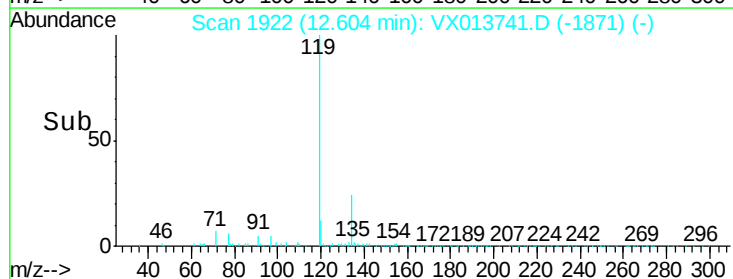
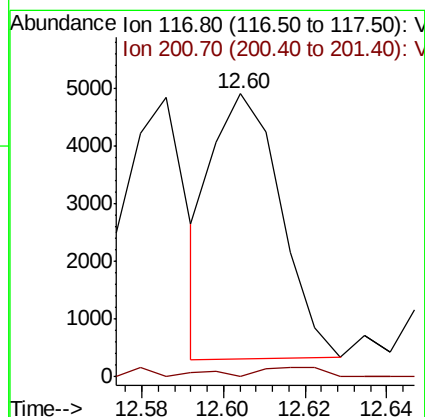
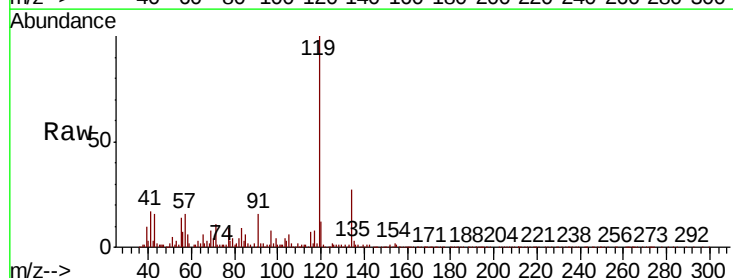
Acq: 03 Dec 2019 21:37

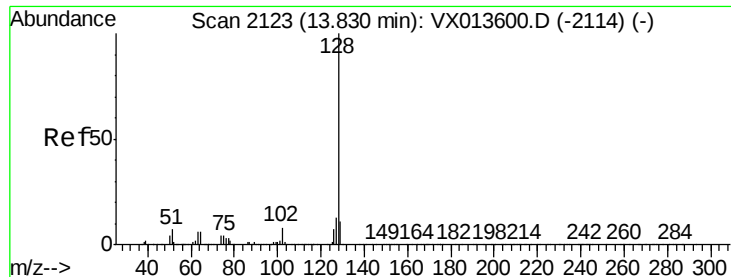
Tgt Ion: 117 Resp: 5376

Ion Ratio Lower Upper

117 100

201 0.7 44.1 132.4#





#95

Naphthalene

Concen: 1.672 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampled :

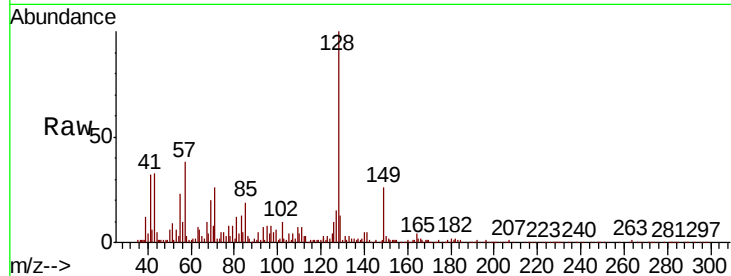
Tot Ion:128 Resp: 54506

Ion Ratio Lower Upper

128 100

127 15.5 10.3 15.5

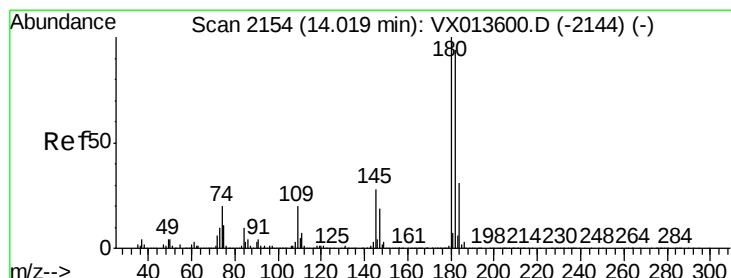
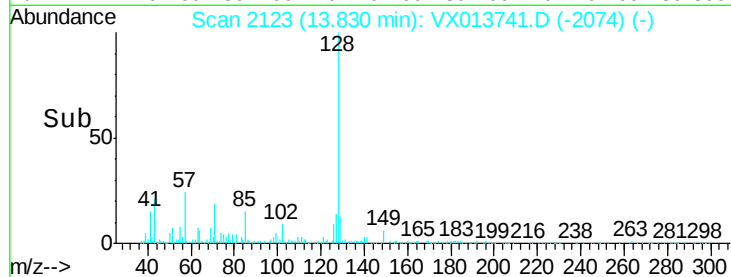
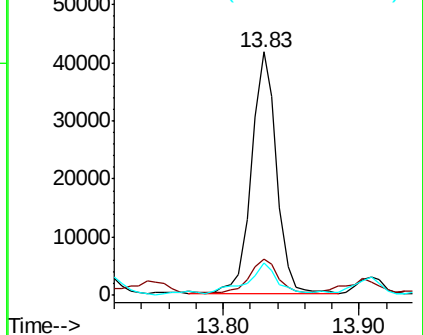
129 15.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.230 ug/l

RT: 14.03 min Scan# 2156

Delta R.T. 0.01 min

Lab File: VX013741.D

Acq: 03 Dec 2019 21:37

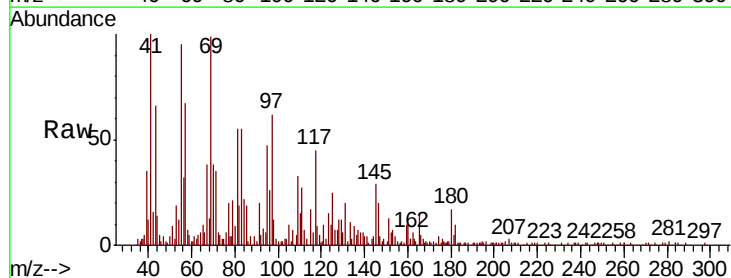
Tgt Ion:180 Resp: 2493

Ion Ratio Lower Upper

180 100

182 0.0 47.6 142.8#

145 254.2 15.0 45.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

