

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007747.D
 Acq On : 27 Feb 2019 21:11
 Operator : JC/SP
 Sample : K1653-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 04:03:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	329298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	502749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	471373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237265	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	190808	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	
35) Dibromofluoromethane	5.50	113	161893	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
50) Toluene-d8	8.71	98	615439	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.13	95	229897	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	327	Below Cal		82
11) Tert butyl alcohol	3.07	59	89013	115.016	ug/l #	73
13) Acrolein	2.27	56	15491	22.525	ug/l #	1
14) Allyl chloride	2.84	41	198328	37.238	ug/l #	64
15) Acrylonitrile	3.17	53	18147	9.964	ug/l #	40
16) Acetone	2.45	43	14374	7.924	ug/l	99
17) Carbon Disulfide	2.57	76	2050	0.256	ug/l	98
18) Methyl Acetate	2.85	43	456591	115.355	ug/l #	51
19) Methyl tert-butyl Ether	3.20	73	113890	11.354	ug/l #	1
20) Methylene Chloride	2.85	84	2365	0.706	ug/l #	1
22) Diisopropyl ether	3.87	45	11624	1.048	ug/l #	51
23) Vinyl Acetate	3.82	43	11179	1.149	ug/l #	76
25) 2-Butanone	4.71	43	6721	2.432	ug/l	90
29) Tetrahydrofuran	5.21	42	512	0.281	ug/l #	31
30) Chloroform	5.28	83	22014	3.411	ug/l #	25
31) Cyclohexane	5.58	56	260464	45.954	ug/l	95
36) 1,1-Dichloropropene	5.66	75	21457	4.747	ug/l #	47
37) Ethyl Acetate	4.90	43	1156	0.230	ug/l #	1
38) Carbon Tetrachloride	5.66	117	28314	6.236	ug/l #	16
39) Methylcyclohexane	7.46	83	113185	19.814	ug/l #	87
40) Benzene	6.15	78	2986794	214.067	ug/l	100
41) Methacrylonitrile	5.06	41	3159	1.178	ug/l #	22
42) 1,2-Dichloroethane	6.15	62	25097	5.352	ug/l #	74
43) Isopropyl Acetate	6.46	43	7352	0.951	ug/l #	63
45) 1,2-Dichloropropane	7.46	63	1855	0.513	ug/l #	1
46) Dibromomethane	7.63	93	560	0.222	ug/l #	1
47) Bromodichloromethane	7.95	83	1628	0.373	ug/l #	26
48) Methyl methacrylate	7.73	41	15940	3.935	ug/l #	60
51) 4-Methyl-2-Pentanone	8.65	43	5515	1.066	ug/l #	80
52) Toluene	8.79	92	96117	10.924	ug/l	97
53) t-1,3-Dichloropropene	9.13	75	170	2.832	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	17050	4.647	ug/l #	18
56) Ethyl methacrylate	9.16	69	4452	0.853	ug/l #	34
58) 2-Chloroethyl Vinyl ether	8.26	63	736	0.256	ug/l #	45

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

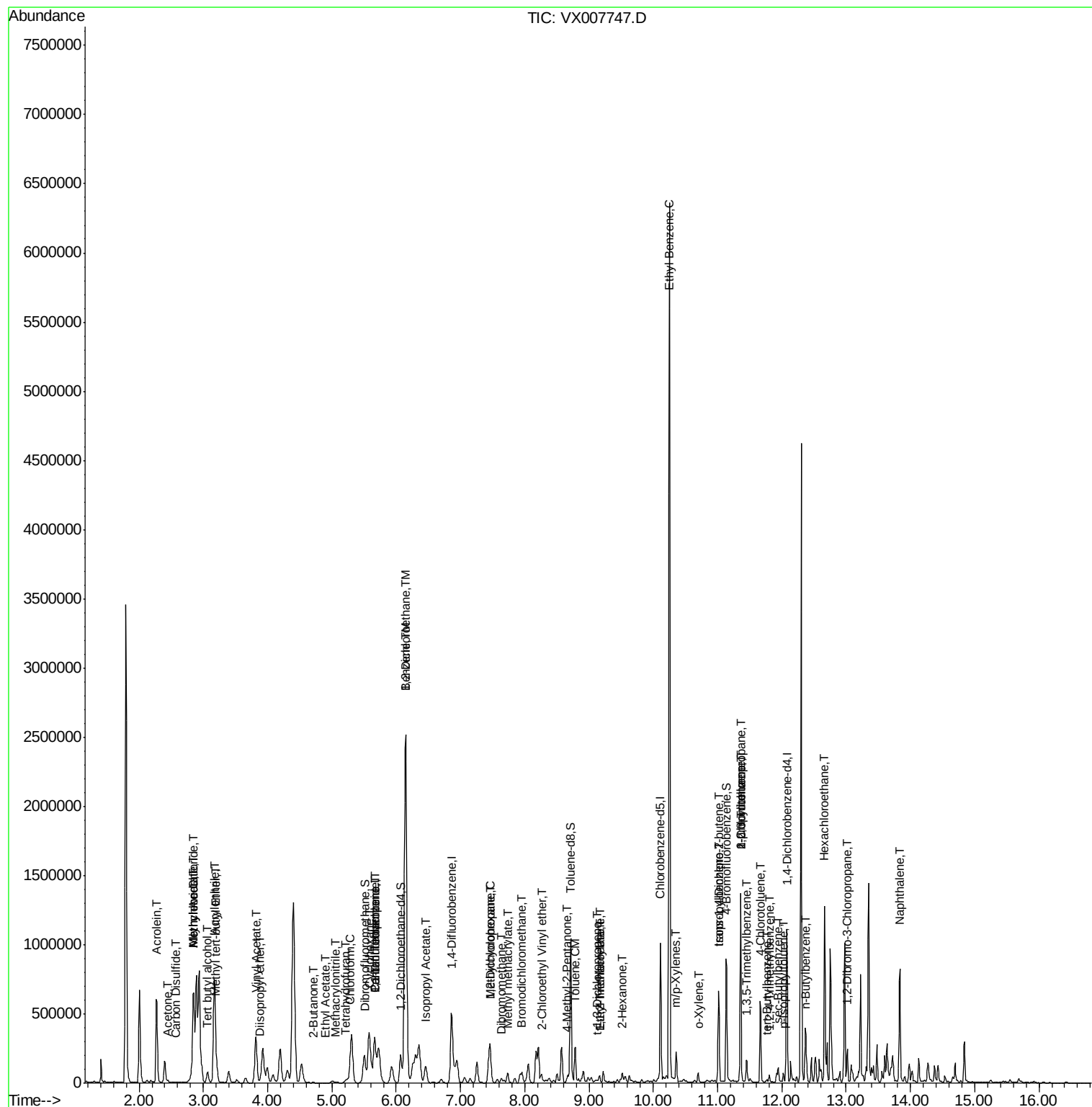
59) 2-Hexanone	9.51	43	4272	1.052	ug/l	98
67) Ethyl Benzene	10.25	91	3566011	211.152	ug/l	99
68) m/p-Xylenes	10.36	106	51477	7.835	ug/l #	1
69) o-Xylene	10.70	106	14182	2.244	ug/l	95
73) Isopropylbenzene	11.02	105	339096	19.997	ug/l	100
76) 1,2,3-Trichloropropane	11.36	75	4745	0.938	ug/l #	1
78) n-propylbenzene	11.36	91	806182	42.071	ug/l	97
79) 2-Chlorotoluene	11.36	91	806182	69.871	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.45	105	83699	6.001	ug/l	70
81) trans-1,4-Dichloro-2-buten	11.02	75	3826	4.915	ug/l #	59
82) 4-Chlorotoluene	11.66	91	33777	2.502	ug/l #	42
83) tert-Butylbenzene	11.77	119	4326	0.323	ug/l	87
84) 1,2,4-Trimethylbenzene	11.80	105	22625	1.586	ug/l	98
85) sec-Butylbenzene	11.94	105	50672	3.019	ug/l	94
86) p-Isopropyltoluene	12.02	119	23786	1.618	ug/l #	77
89) n-Butylbenzene	12.38	91	80805	6.165	ug/l #	53
90) Hexachloroethane	12.66	117	54798	22.128	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	801	0.627	ug/l #	1
95) Naphthalene	13.83	128	504970	32.346	ug/l	99

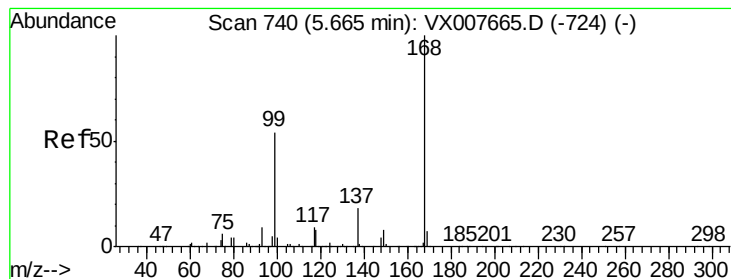
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

Instrument :

MSVOA_X

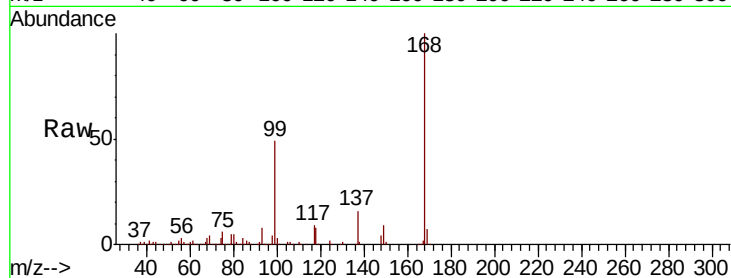
ClientSampleId :

Tot Ion:168 Resp: 329298

Ion Ratio Lower Upper

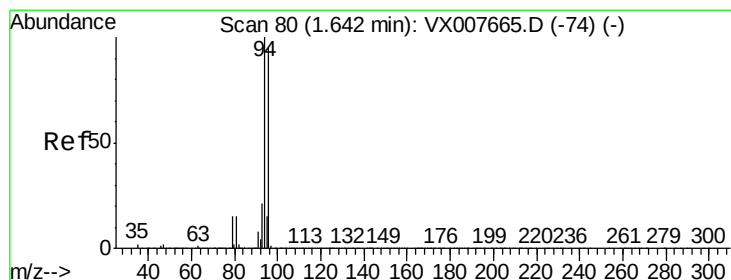
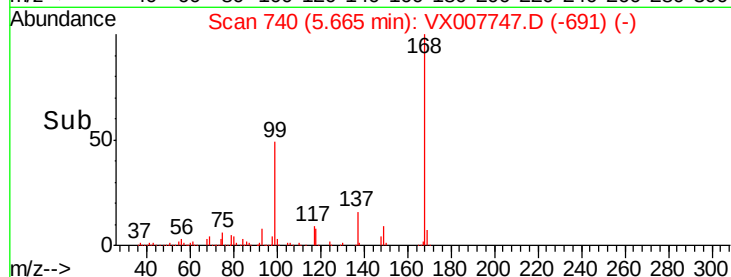
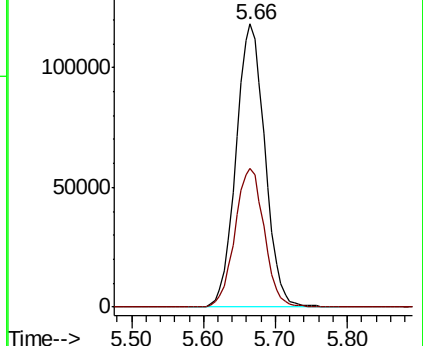
168 100

99 48.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007747.D

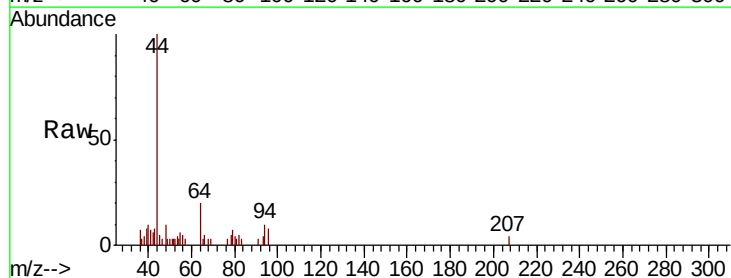
Acq: 27 Feb 2019 21:11

Tgt Ion: 94 Resp: 327

Ion Ratio Lower Upper

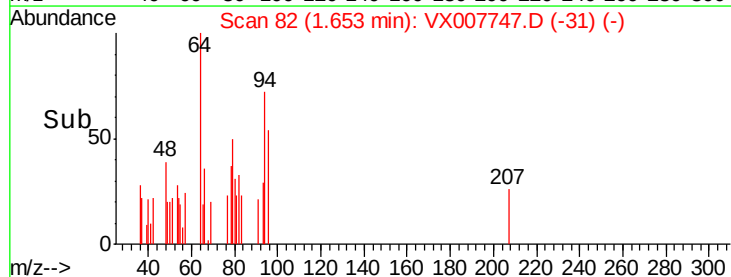
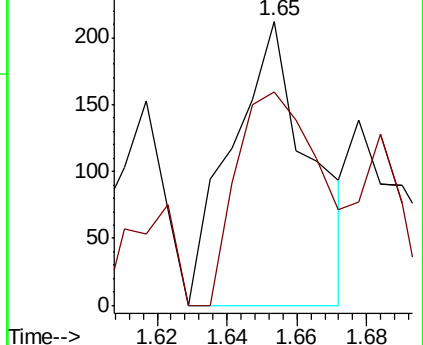
94 100

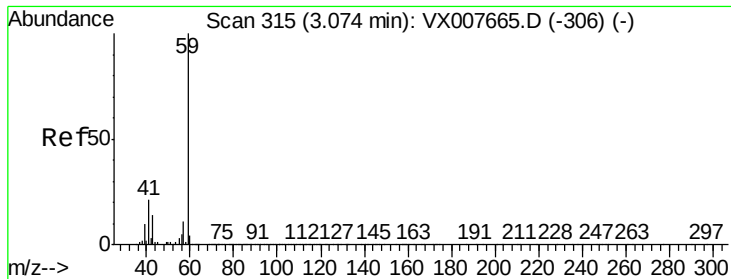
96 75.0 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



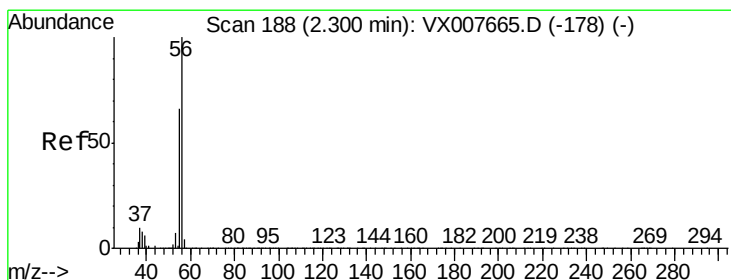
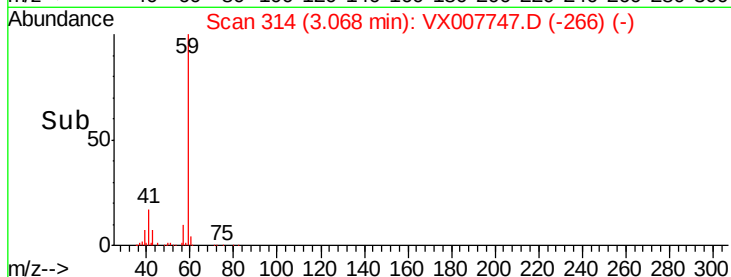
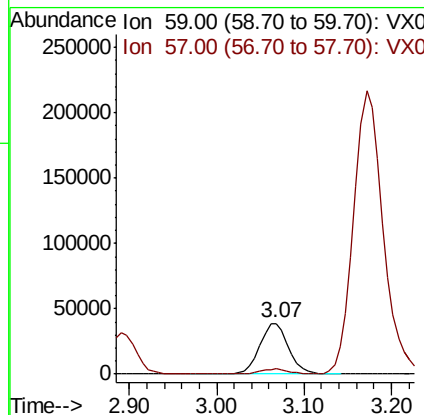
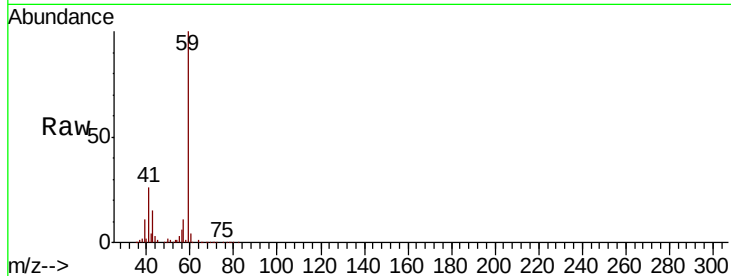


#11

Tert butyl alcohol
 Concen: 115.016 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

Instrument :
 MSVOA_X
 ClientSampleId :

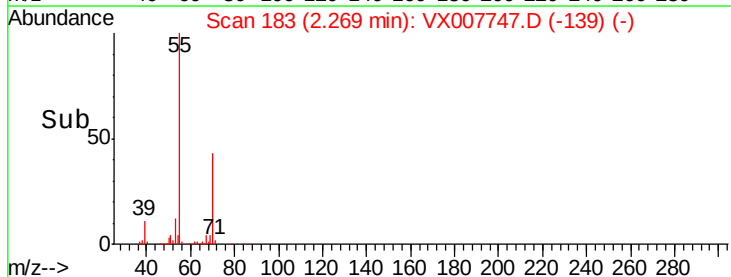
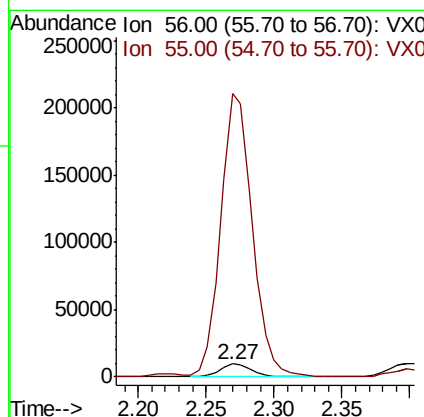
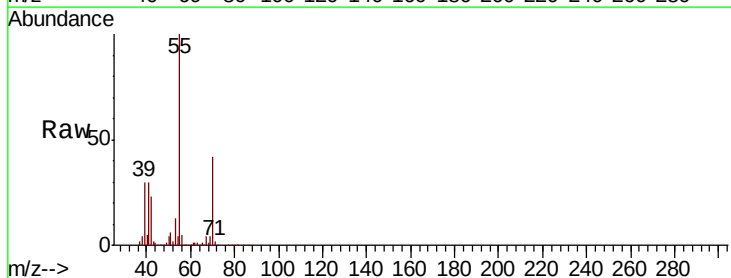
Tot Ion: 59 Resp: 89013
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

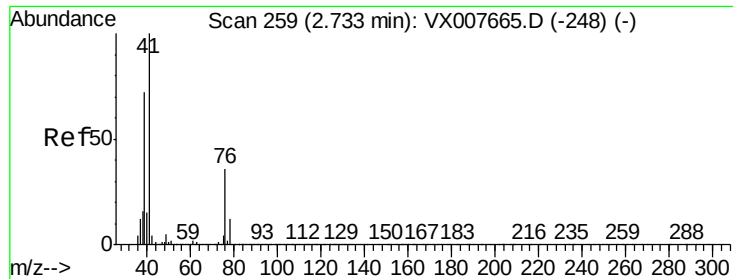


#13

Acrolein
 Concen: 22.525 ug/l
 RT: 2.27 min Scan# 183
 Delta R.T. -0.03 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

Tgt Ion: 56 Resp: 15491
 Ion Ratio Lower Upper
 56 100
 55 2178.9 56.9 85.3#

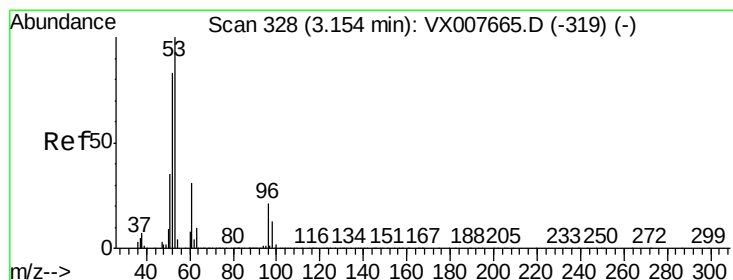
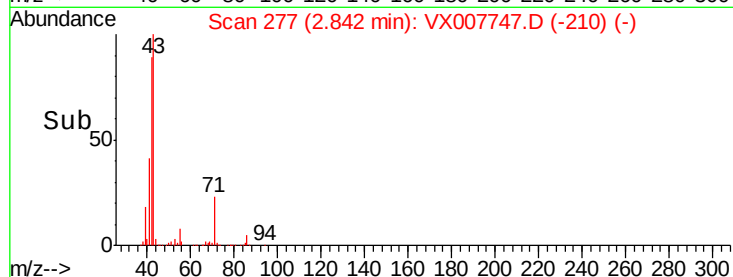
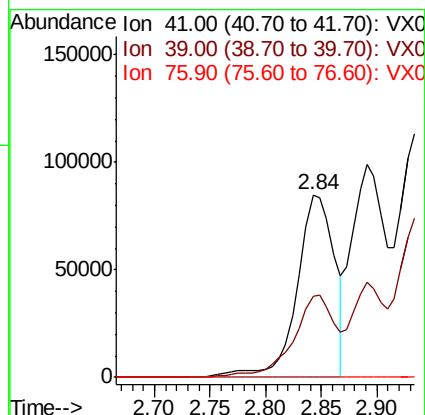
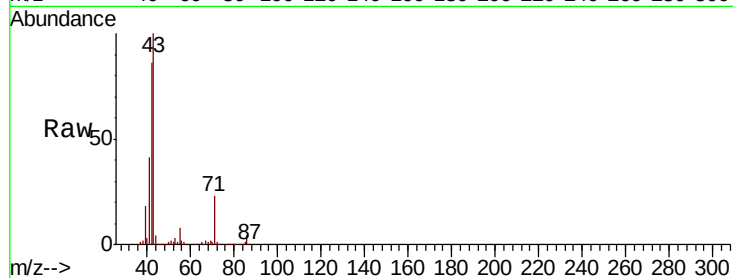




#14
Allvl chloride
Concen: 37.238 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.11 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

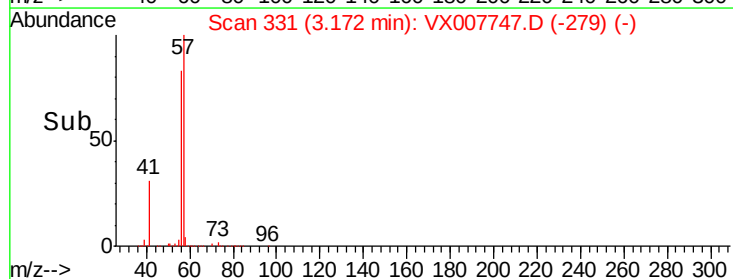
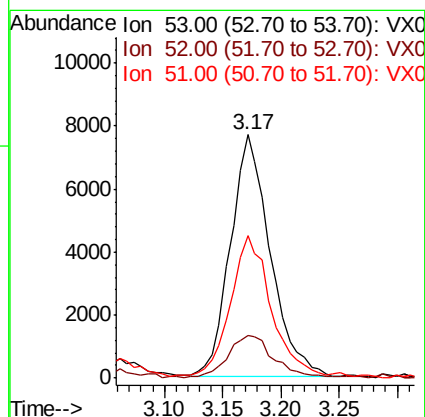
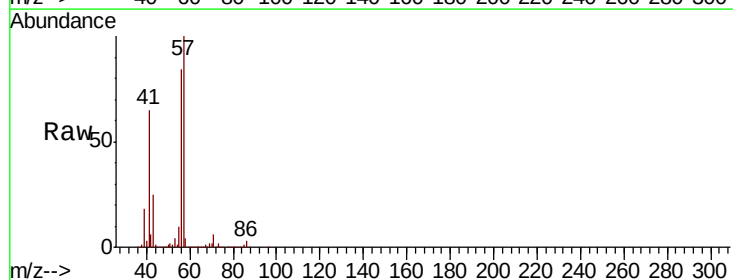
Instrument :
MSVOA_X
ClientSampleId :

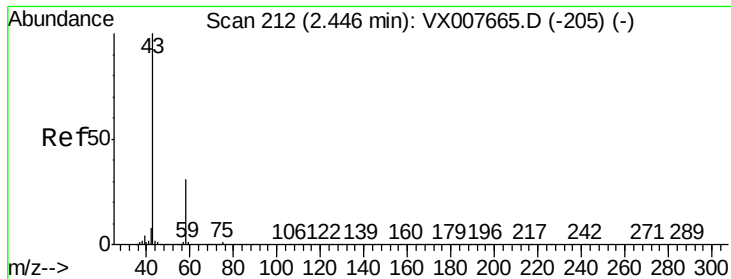
Tot Ion: 41 Resp: 198328
Ion Ratio Lower Upper
41 100
39 49.0 54.1 81.1#
76 0.0 27.8 41.8#



#15
Acrylonitrile
Concen: 9.964 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.02 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

Tgt Ion: 53 Resp: 18147
Ion Ratio Lower Upper
53 100
52 21.1 66.4 99.6#
51 59.0 28.4 42.6#





#16

Acetone

Concen: 7.924 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

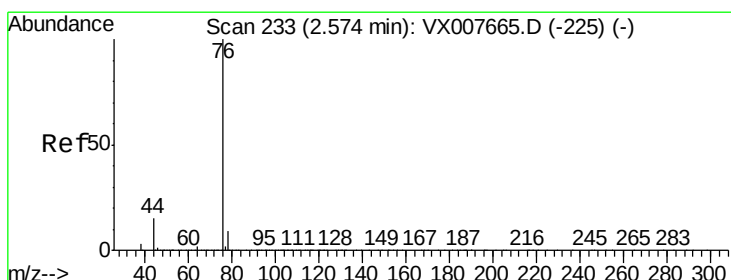
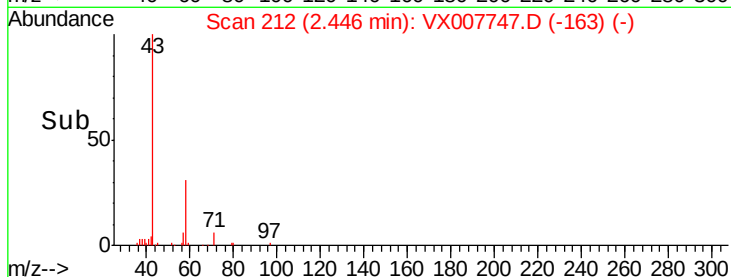
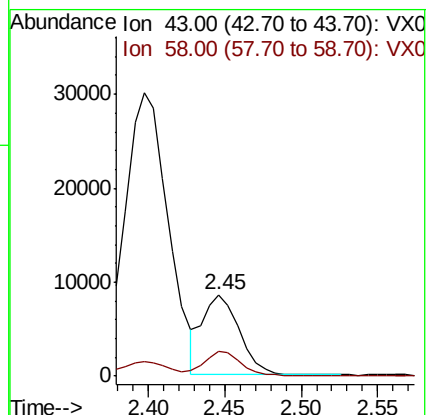
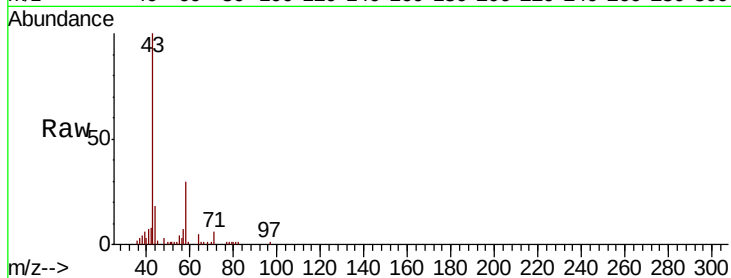
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 14374

Ion Ratio Lower Upper

43 100

58 30.5 24.9 37.3



#17

Carbon Disulfide

Concen: 0.256 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007747.D

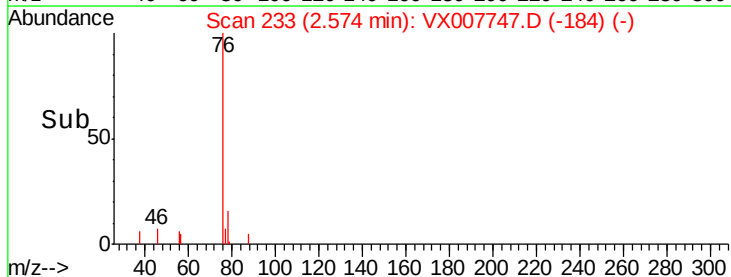
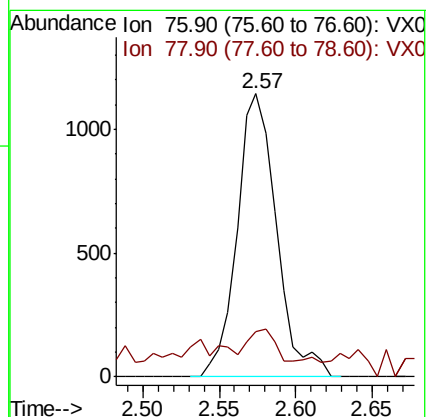
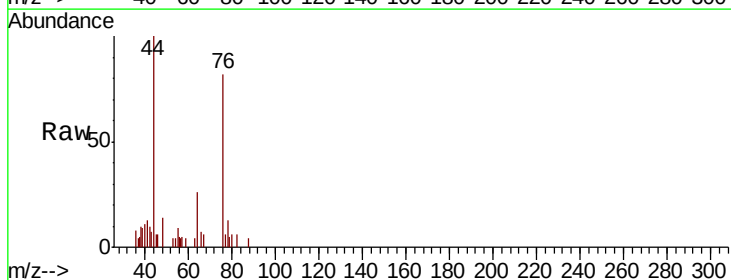
Acq: 27 Feb 2019 21:11

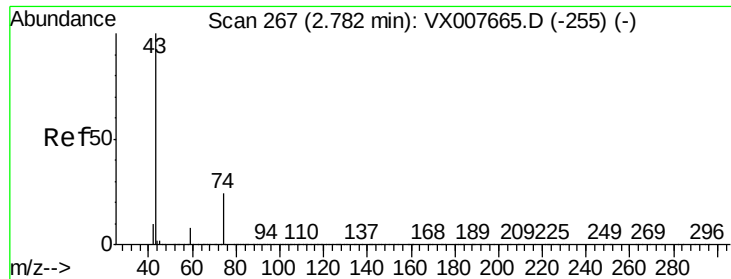
Tgt Ion: 76 Resp: 2050

Ion Ratio Lower Upper

76 100

78 8.0 7.1 10.7

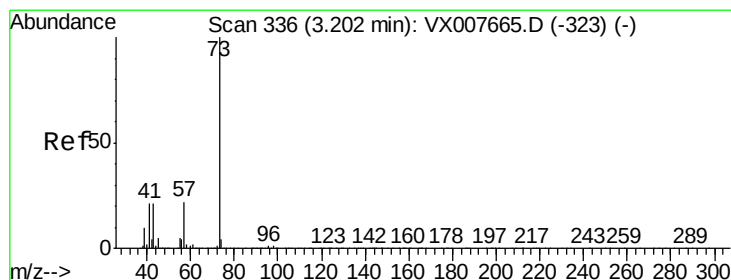
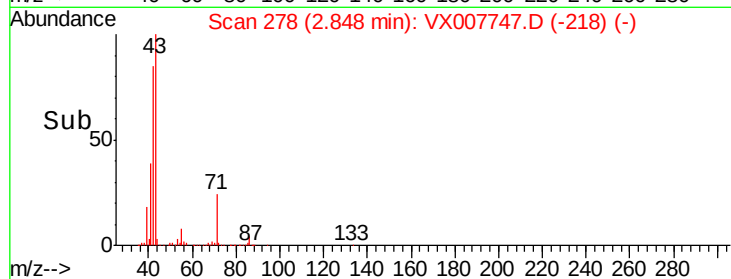
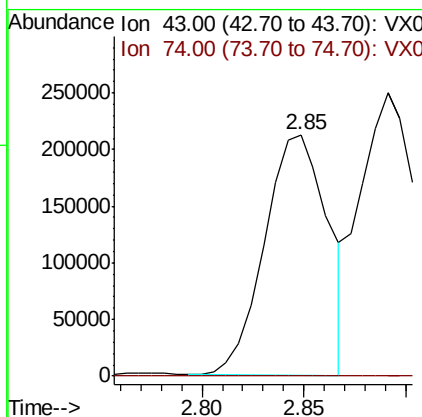
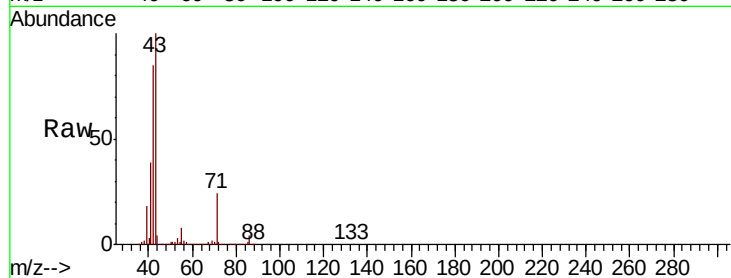




#18
Methyl Acetate
Concen: 115.355 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

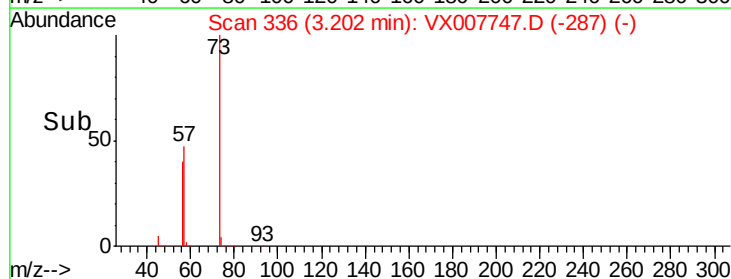
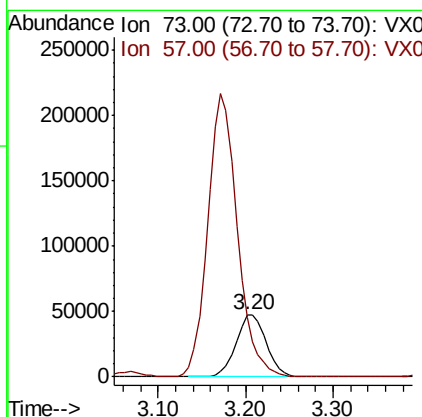
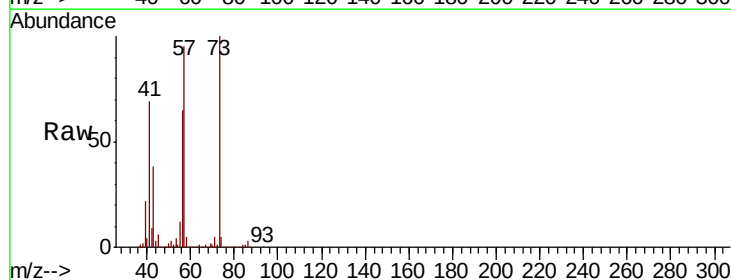
Instrument :
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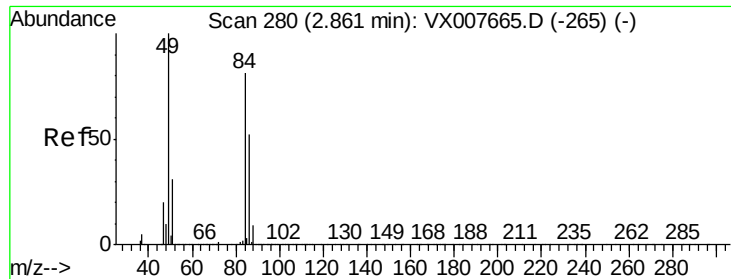
Tot Ion: 43 Resp: 456591
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 11.354 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

Tgt Ion: 73 Resp: 113890
Ion Ratio Lower Upper
73 100
57 94.8 17.8 26.8#

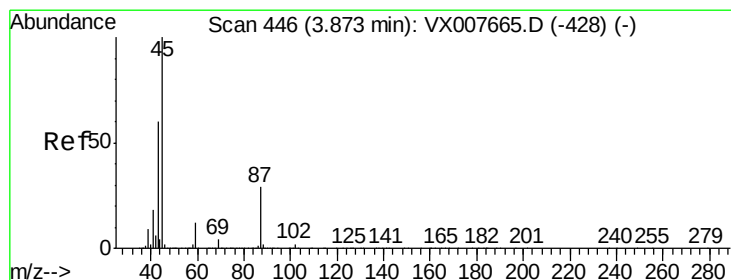
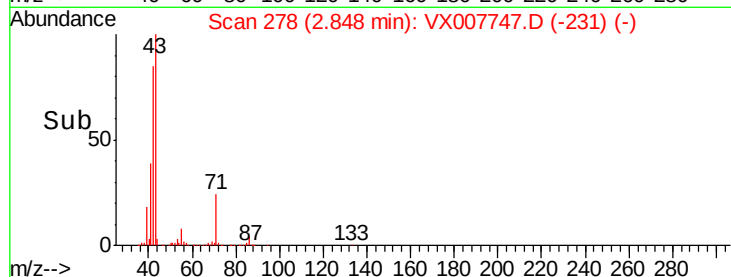
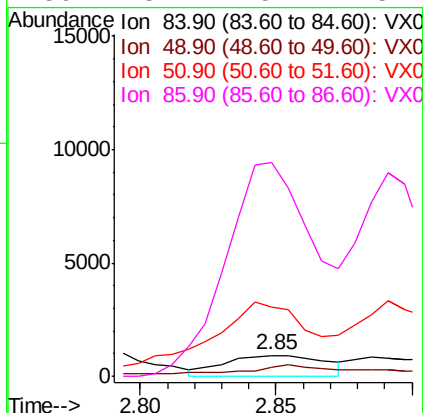
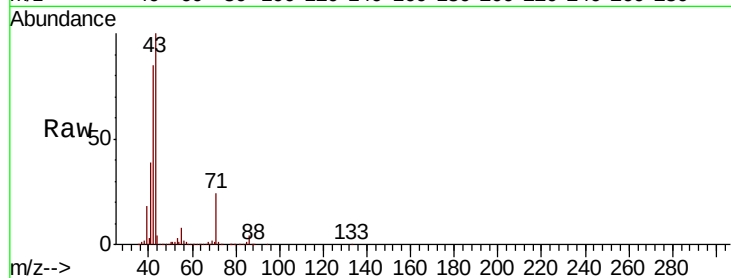




#20
Methylene Chloride
Concen: 0.706 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

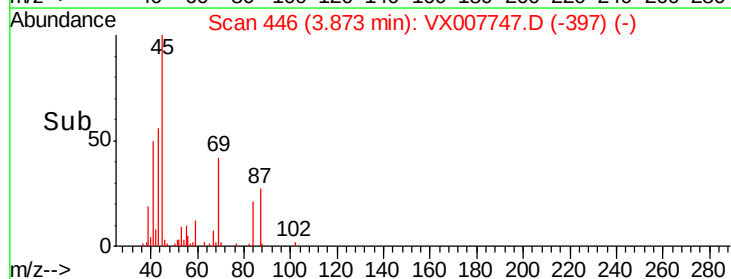
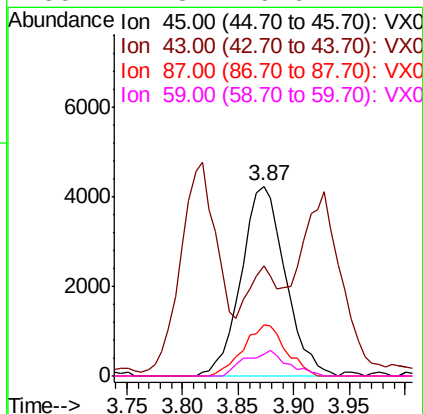
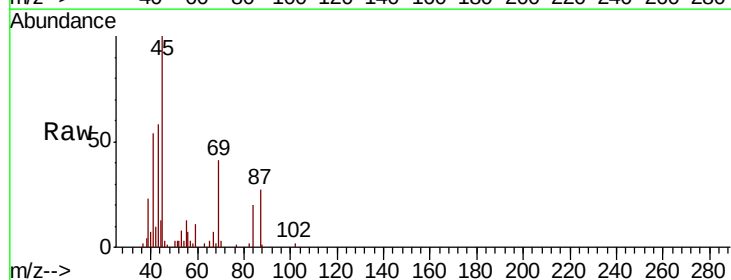
Instrument :
MSVOA_X
ClientSampleId :

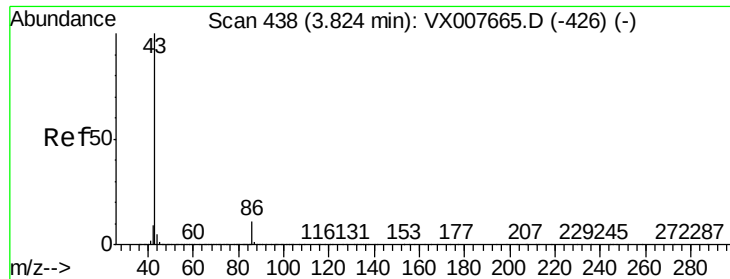
Tot Ion: 84 Resp: 2365
Ion Ratio Lower Upper
84 100
49 32.4 94.8 142.2#
51 296.4 29.8 44.8#
86 1284.4 54.1 81.1#



#22
Diisopropyl ether
Concen: 1.048 ug/l
RT: 3.87 min Scan# 446
Delta R.T. -0.00 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

Tgt Ion: 45 Resp: 11624
Ion Ratio Lower Upper
45 100
43 0.0 48.9 73.3#
87 26.8 23.9 35.9
59 11.3 9.6 14.4

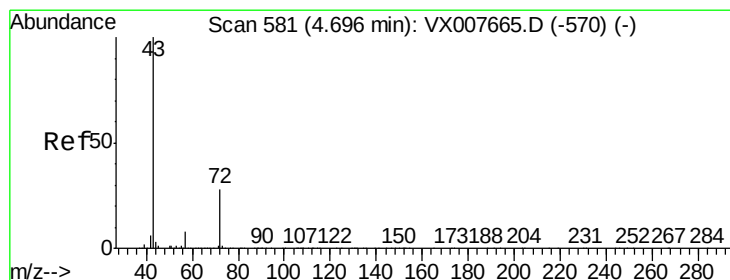
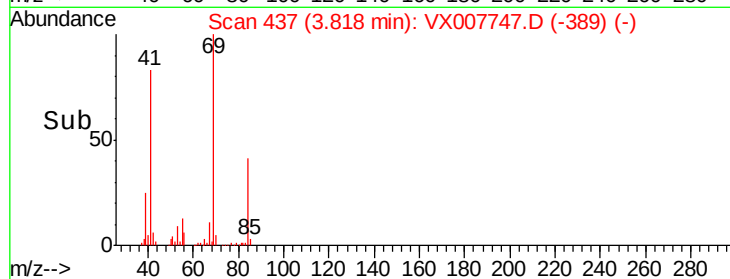
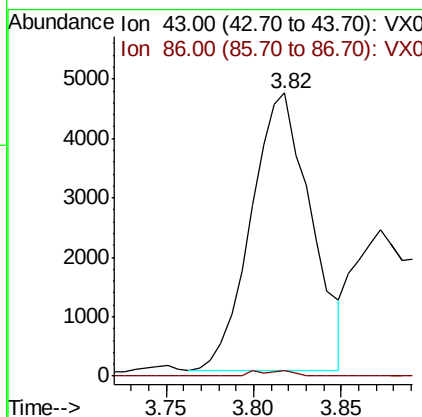
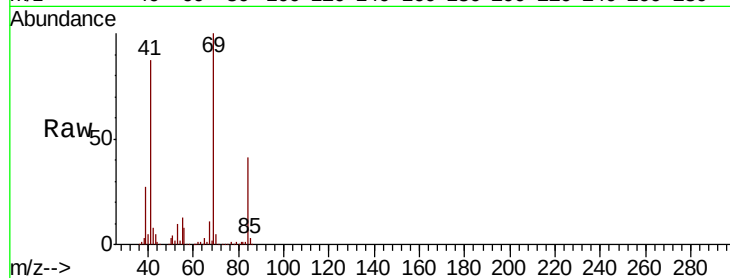




#23
 Vinyl Acetate
 Concen: 1.149 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

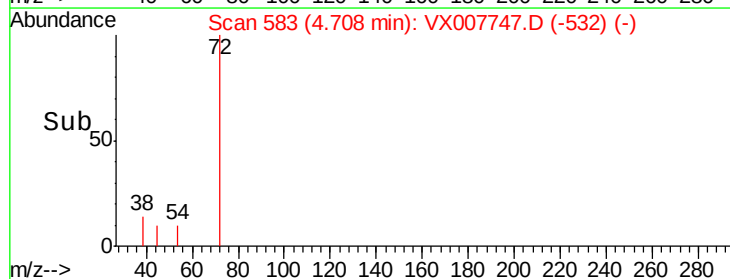
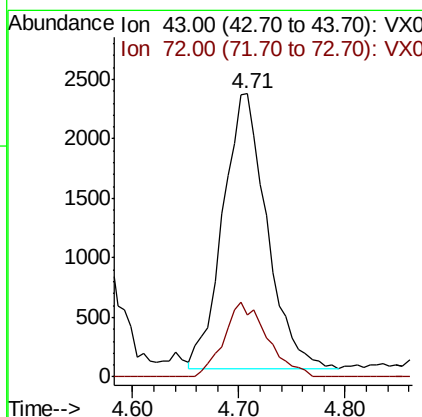
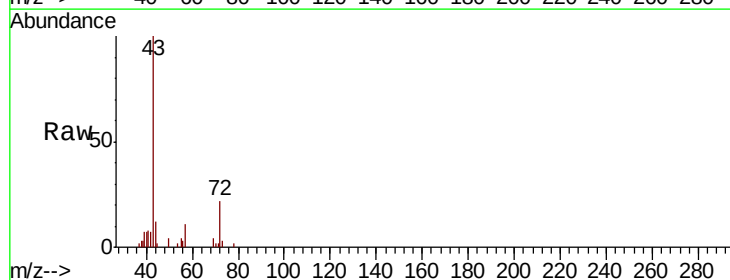
Instrument :
 MSVOA_X
 ClientSampleId :

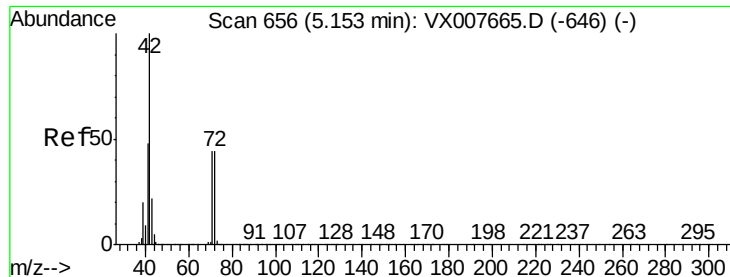
Tot Ion: 43 Resp: 11179
 Ion Ratio Lower Upper
 43 100
 86 1.8 8.7 13.1#



#25
 2-Butanone
 Concen: 2.432 ug/l
 RT: 4.71 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

Tgt Ion: 43 Resp: 6721
 Ion Ratio Lower Upper
 43 100
 72 22.4 22.2 33.2

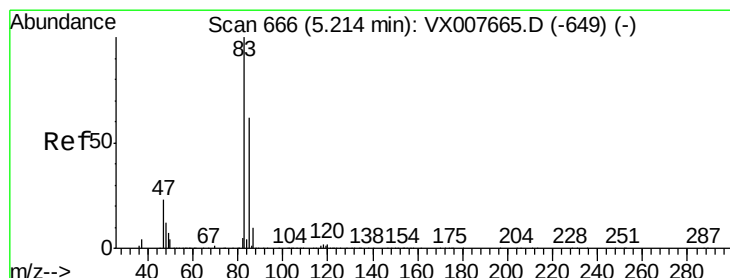
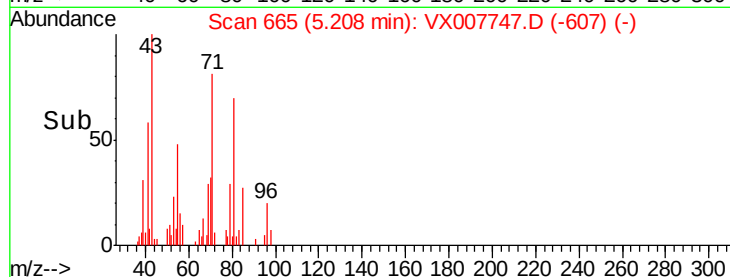
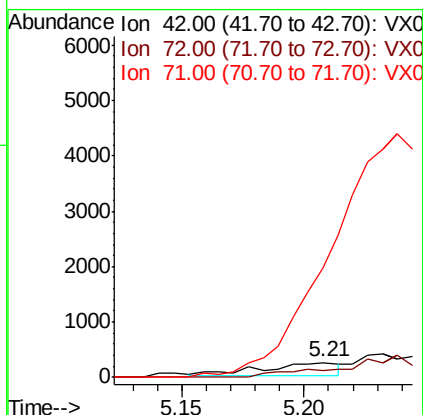
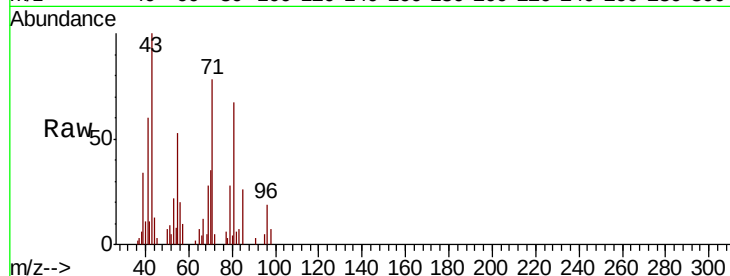




#29
Tetrahydrofuran
Concen: 0.281 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.05 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

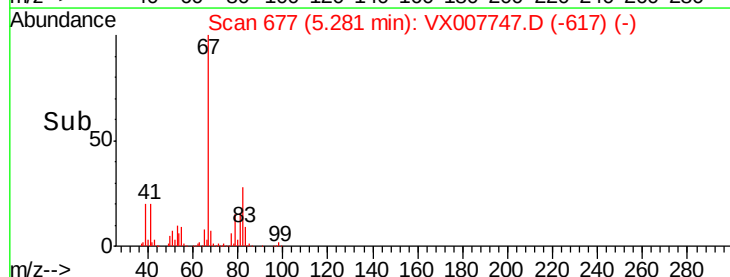
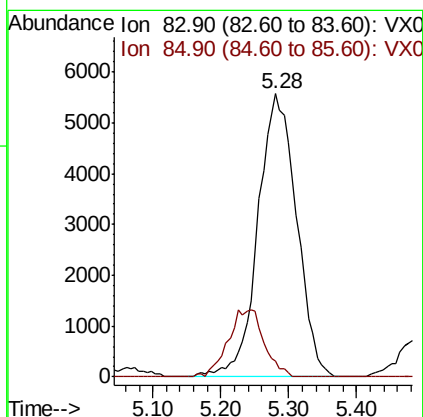
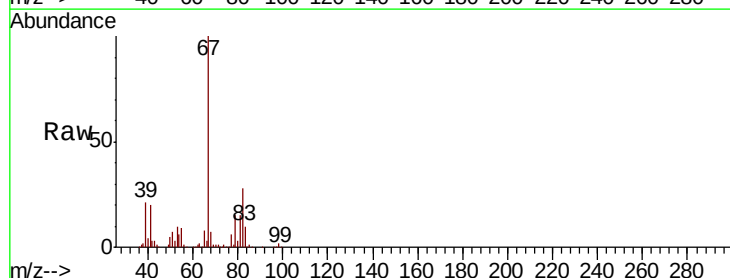
Instrument :
MSVOA_X
ClientSampleId :

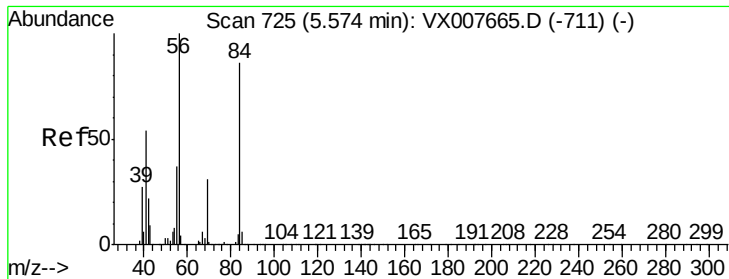
Tot Ion: 42 Resp: 512
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 0.0 34.6 51.8#



#30
Chloroform
Concen: 3.411 ug/l
RT: 5.28 min Scan# 677
Delta R.T. 0.07 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

Tgt Ion: 83 Resp: 22014
Ion Ratio Lower Upper
83 100
85 5.7 51.6 77.4#

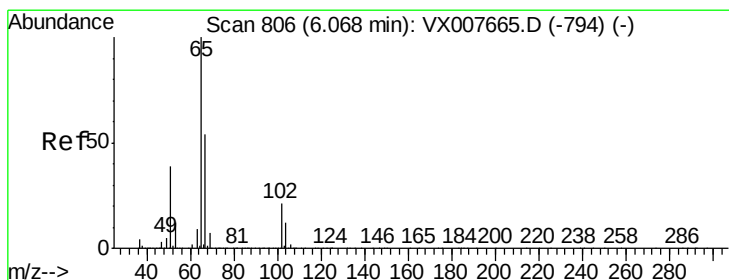
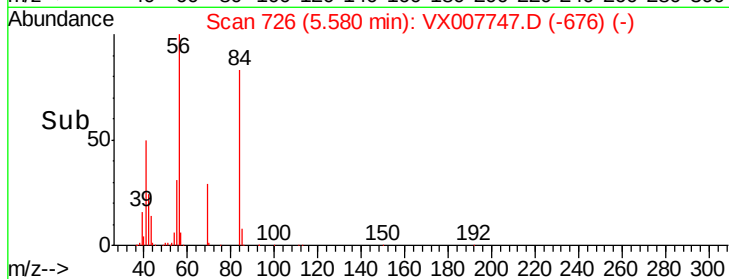
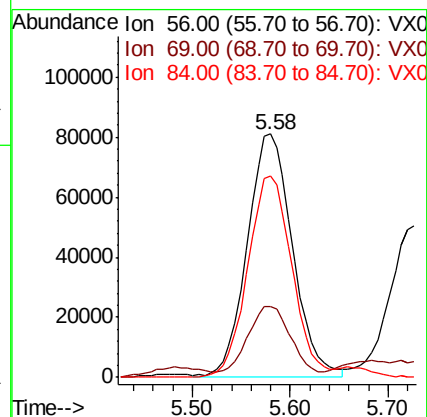
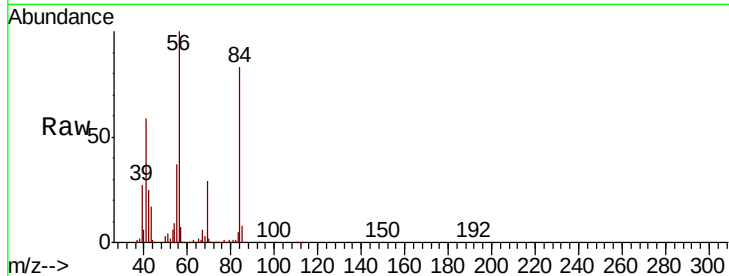




#31
Cyclohexane
Concen: 45.954 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

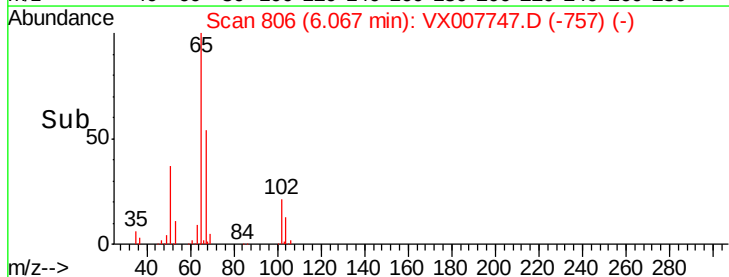
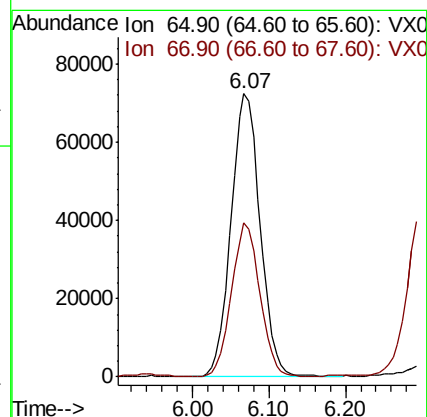
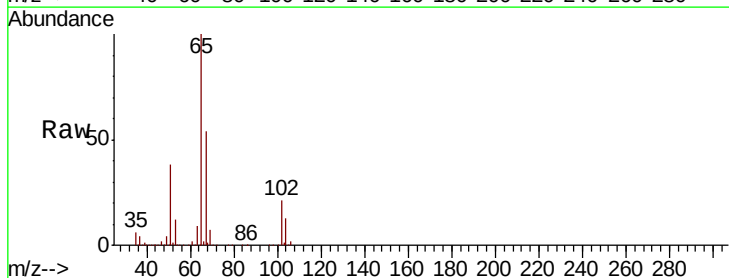
Instrument :
MSVOA_X
ClientSampleId :

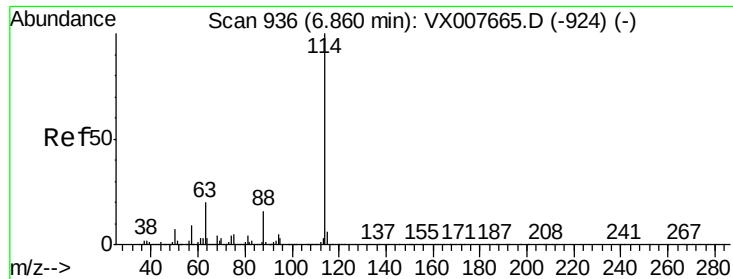
Tot Ion	Ratio	Lower	Upper
56	100		
69	25.6	23.0	34.6
84	83.3	69.8	104.6



#33
1,2-Dichloroethane-d4
Concen: 46.779 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	108.8

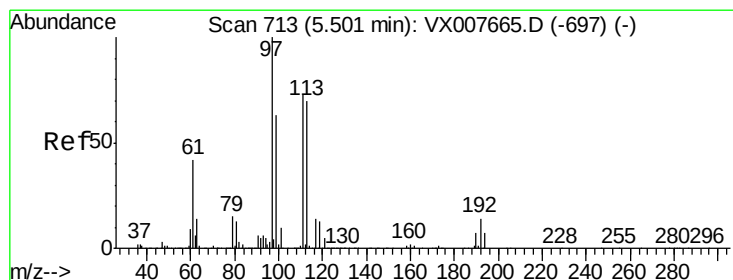
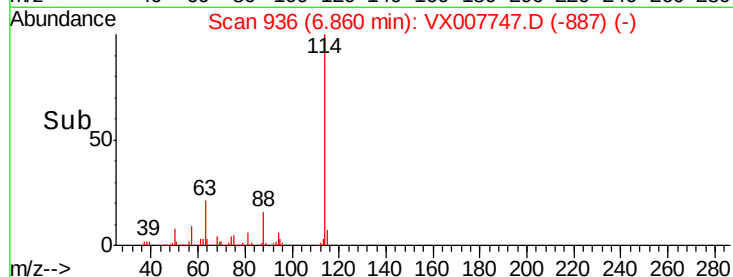
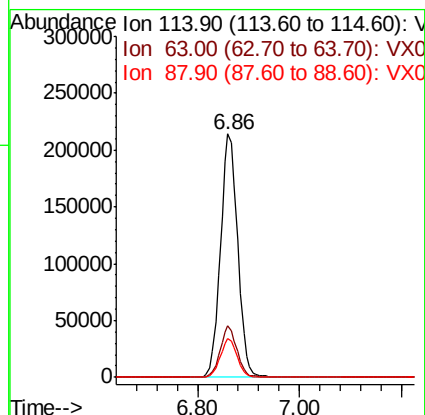
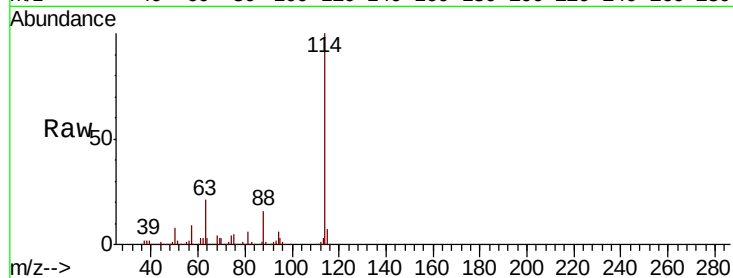




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

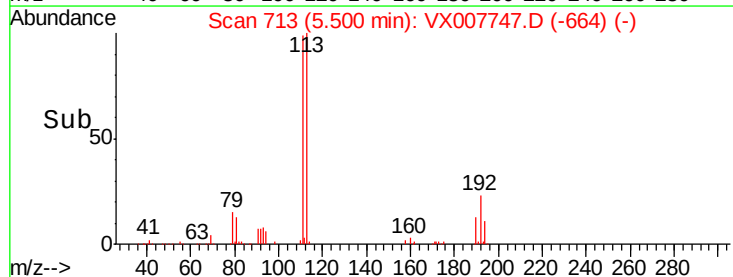
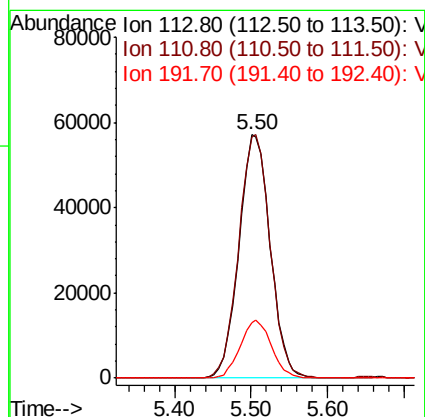
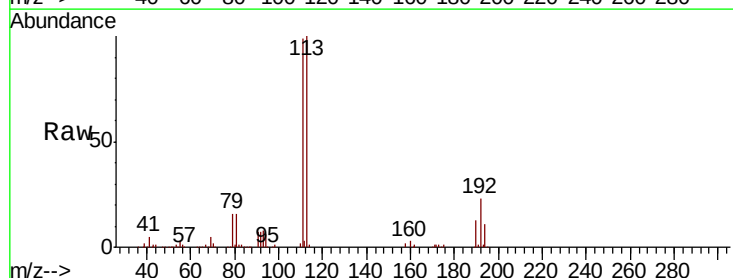
Instrument :
 MSVOA_X
 ClientSampleId :

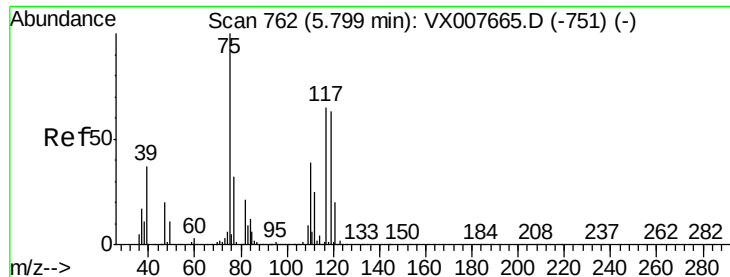
Tot Ion:114 Resp: 502749
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 35.6
 88 16.2 0.0 29.6



#35
 Dibromofluoromethane
 Concen: 48.172 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

Tgt Ion:113 Resp: 161893
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.8 122.8
 192 23.8 18.5 27.7

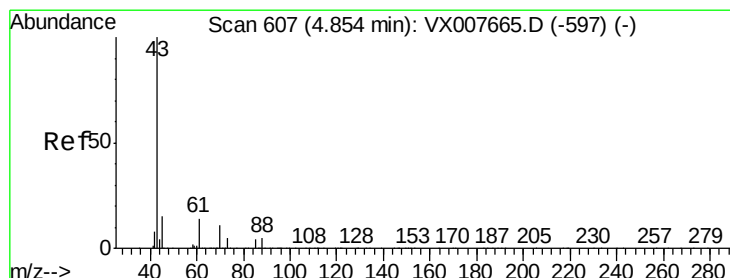
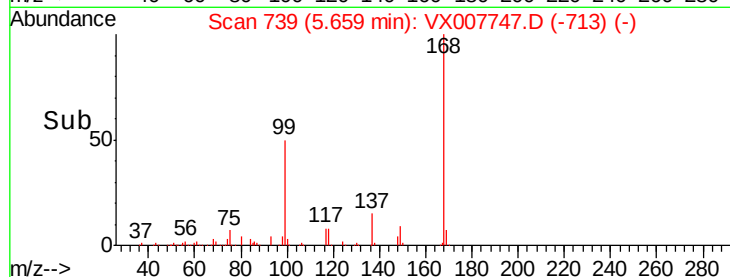
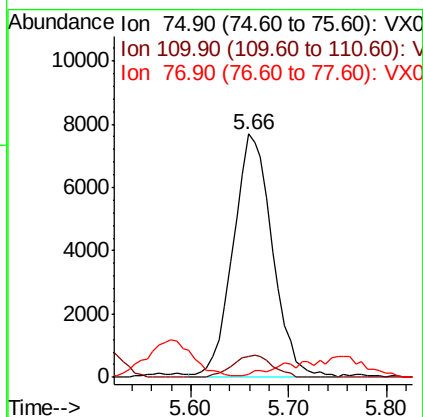
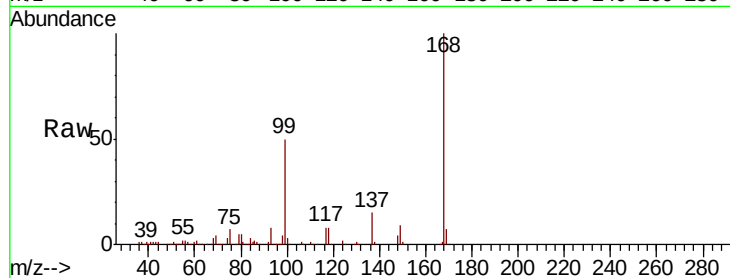




#36
 1,1-Dichloropropene
 Concen: 4.747 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

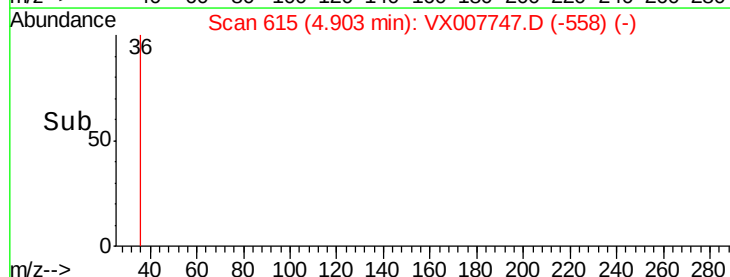
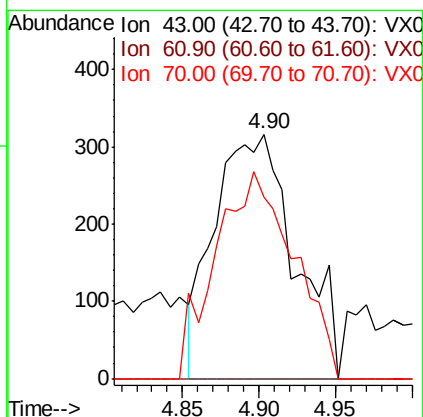
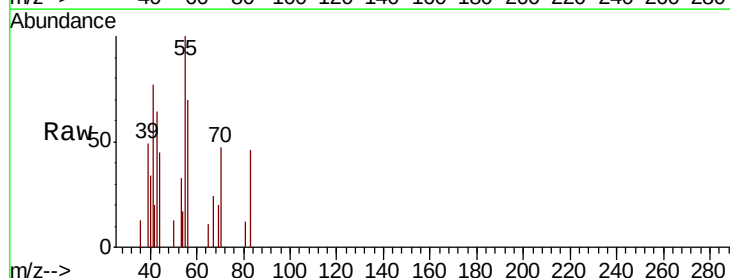
Instrument :
 MSVOA_X
 ClientSampled :

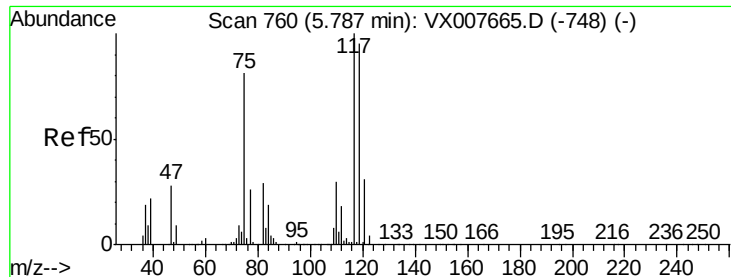
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	20.0	59.9#
77	0.0	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 0.230 ug/l
 RT: 4.90 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	82.3	8.6	13.0#





#38

Carbon Tetrachloride

Concen: 6.236 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

Instrument :

MSVOA_X

ClientSampled :

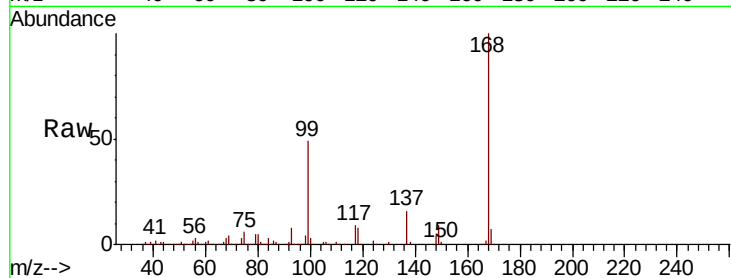
Tot Ion:117 Resp: 28314

Ion Ratio Lower Upper

117 100

119 4.8 75.3 112.9#

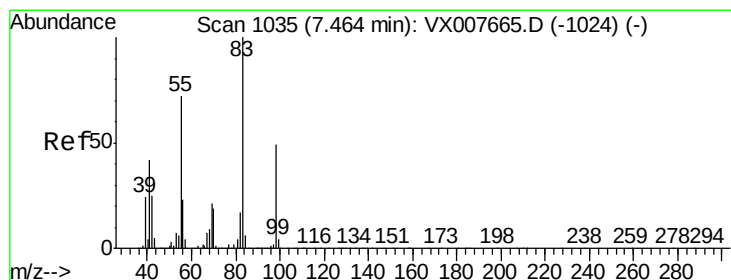
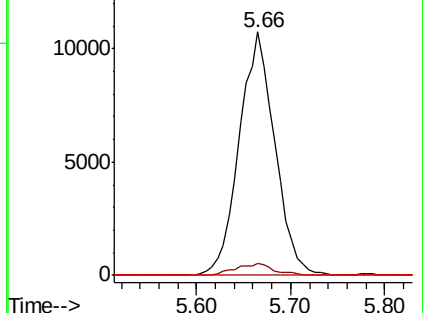
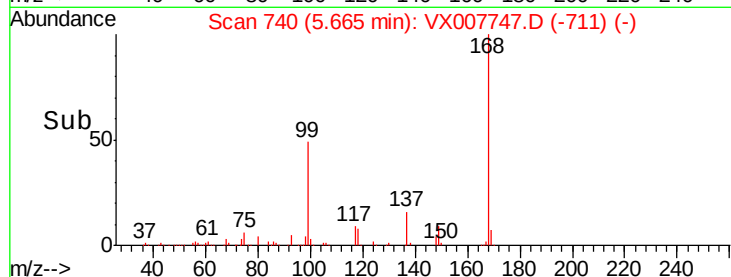
121 0.0 25.0 37.4#



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

Methylcyclohexane

Concen: 19.814 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

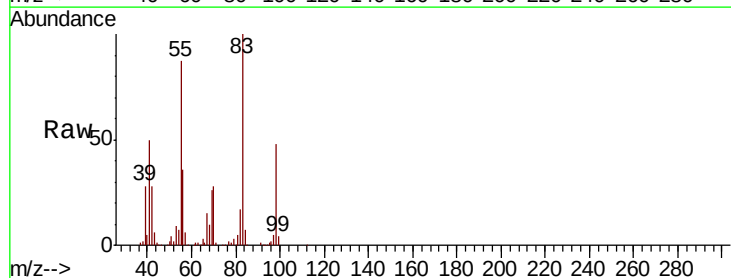
Tgt Ion: 83 Resp: 113185

Ion Ratio Lower Upper

83 100

55 86.2 56.2 84.2#

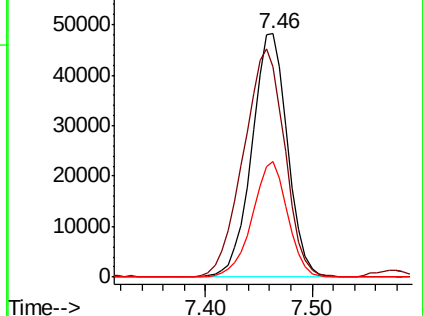
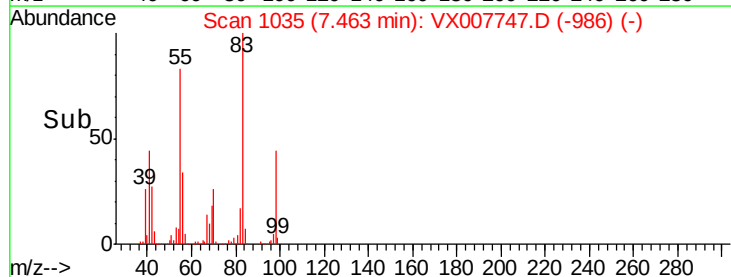
98 47.6 36.8 55.2

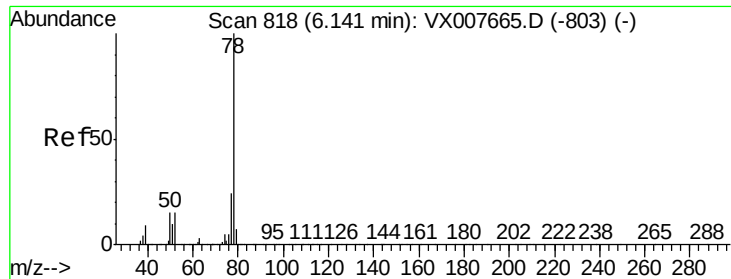


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 214.067 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

Instrument :

MSVOA_X

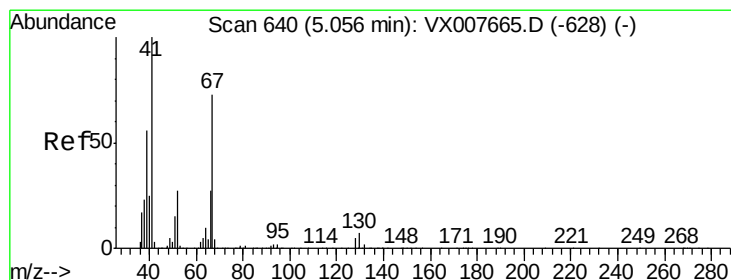
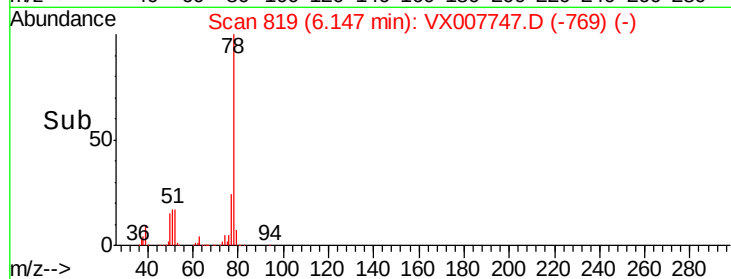
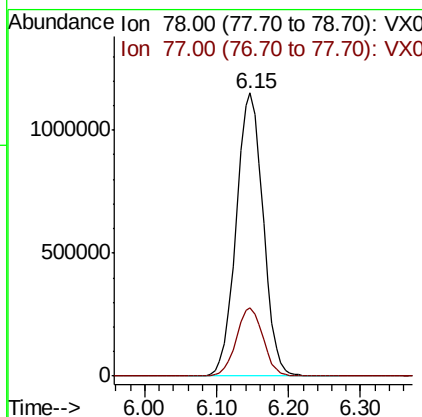
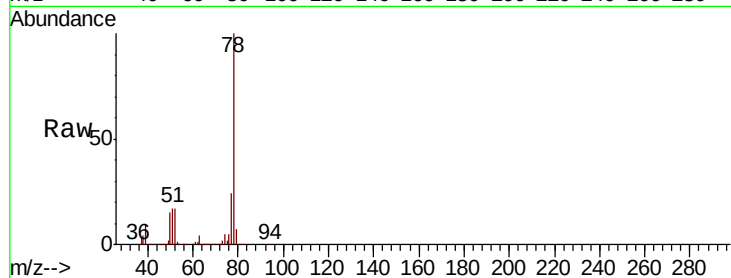
ClientSampled :

Tot Ion: 78 Resp: 2986794

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9



#41

Methacrylonitrile

Concen: 1.178 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

Tgt Ion: 41 Resp: 3159

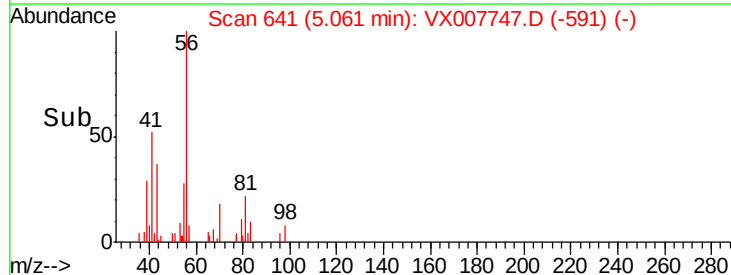
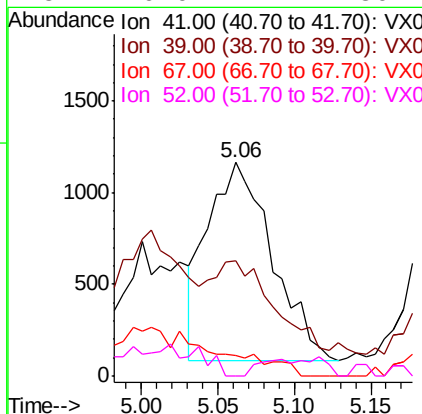
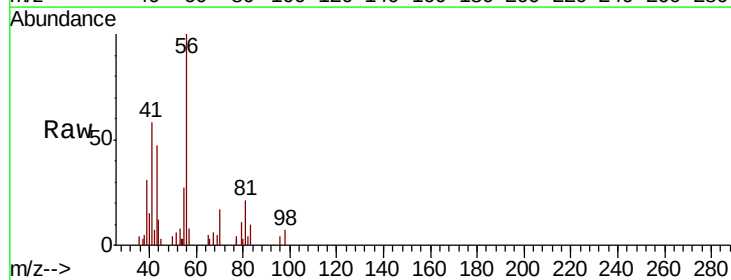
Ion Ratio Lower Upper

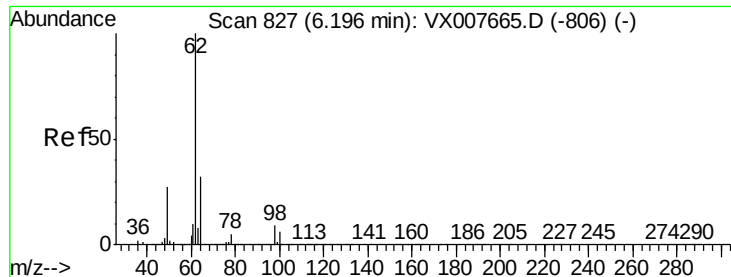
41 100

39 0.0 44.5 66.7#

67 0.0 60.4 90.6#

52 0.0 24.1 36.1#

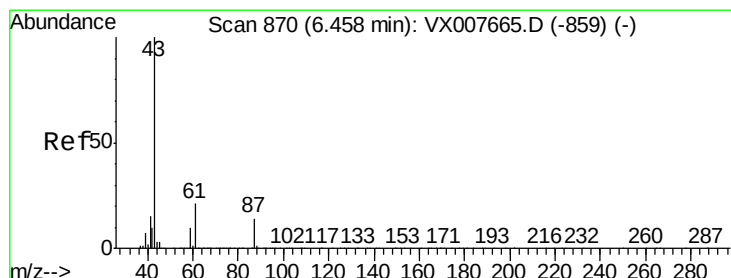
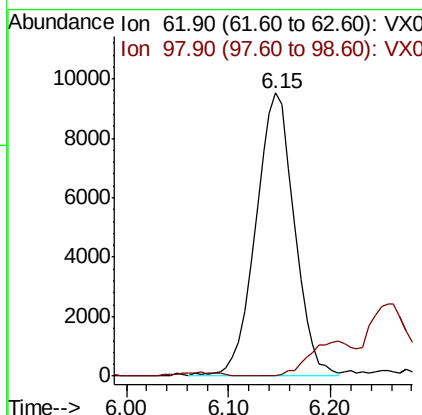
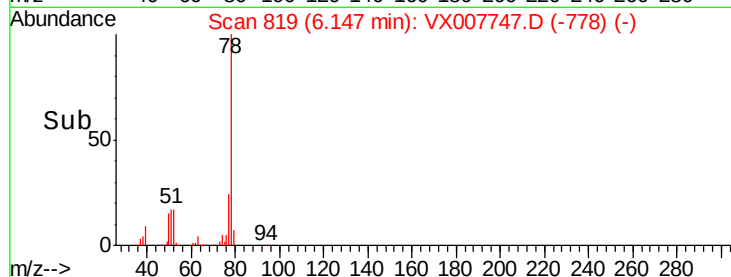
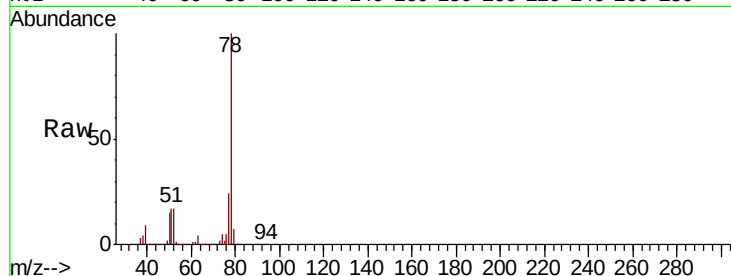




#42
 1,2-Dichloroethane
 Concen: 5.352 ug/l
 RT: 6.15 min Scan# 819
 Delta R.T. -0.05 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

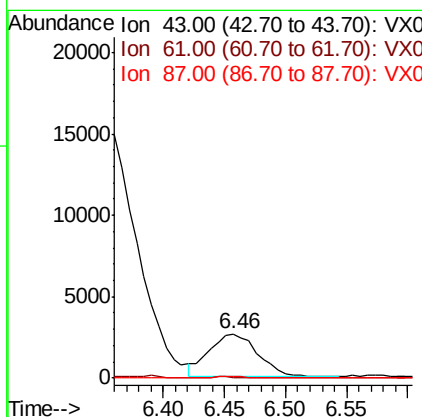
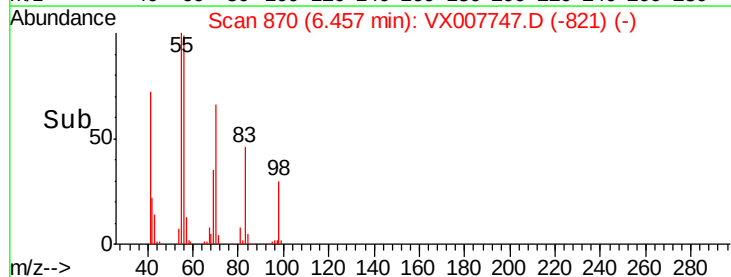
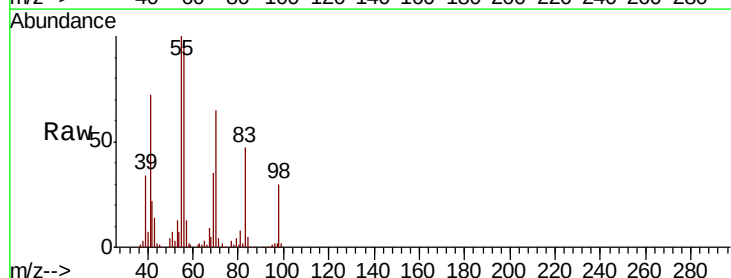
Instrument :
 MSVOA_X
 ClientSampled :

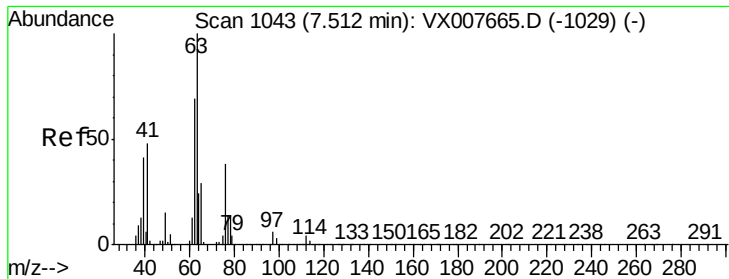
Tot Ion: 62 Resp: 25097
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 19.0



#43
 Isopropyl Acetate
 Concen: 0.951 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

Tgt Ion: 43 Resp: 7352
 Ion Ratio Lower Upper
 43 100
 61 0.0 16.1 24.1#
 87 2.6 11.5 17.3#





#45

1,2-Dichloropropane

Concen: 0.513 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

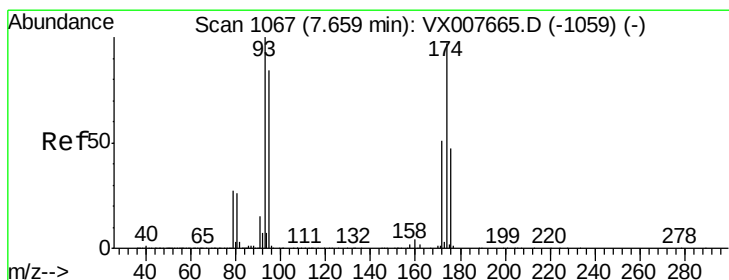
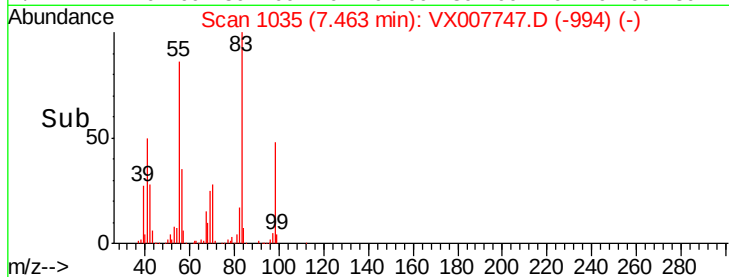
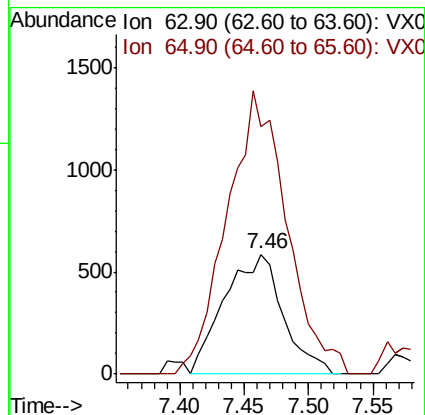
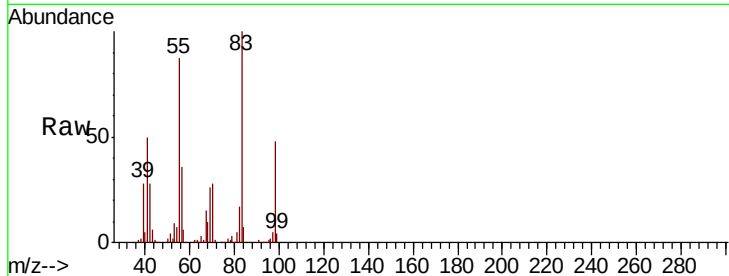
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 1855

Ion Ratio Lower Upper

63 100

65 190.8 24.2 36.2#



#46

Dibromomethane

Concen: 0.222 ug/l

RT: 7.63 min Scan# 1063

Delta R.T. -0.02 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

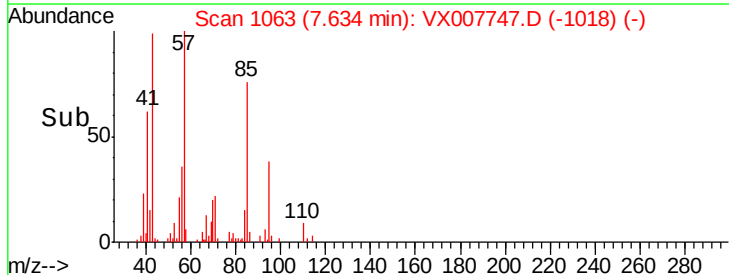
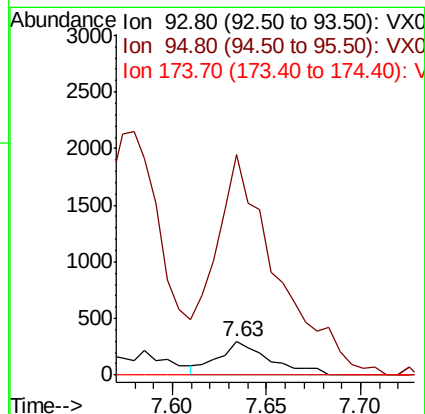
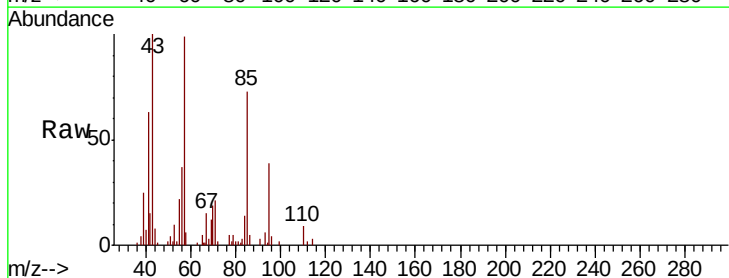
Tgt Ion: 93 Resp: 560

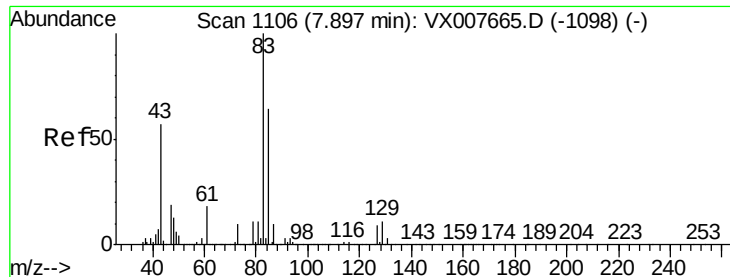
Ion Ratio Lower Upper

93 100

95 795.7 67.6 101.4#

174 0.0 94.2 141.4#





#47

Bromodichloromethane

Concen: 0.373 ug/l

RT: 7.95 min Scan# 1115

Delta R.T. 0.05 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

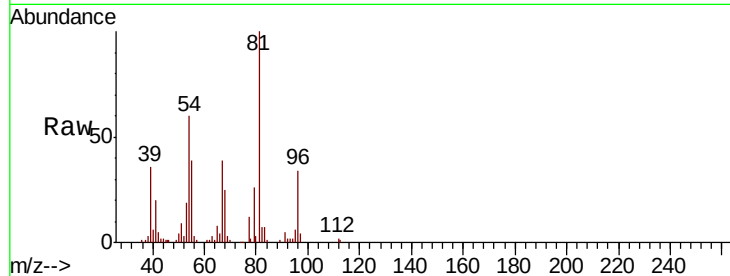
Tot Ion: 83 Resp: 1628

Ion Ratio Lower Upper

83 100

85 0.0 51.4 77.0#

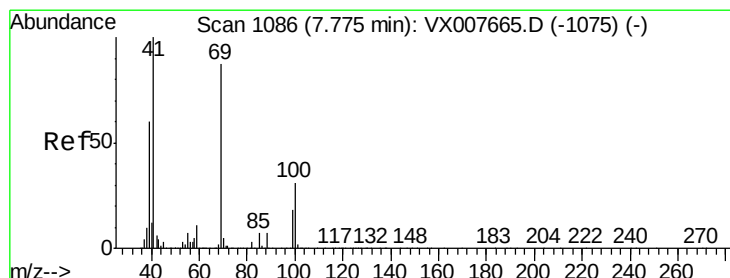
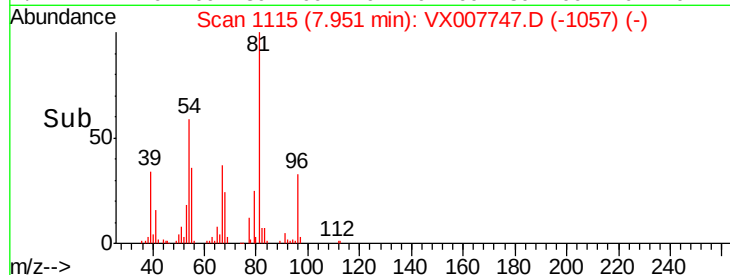
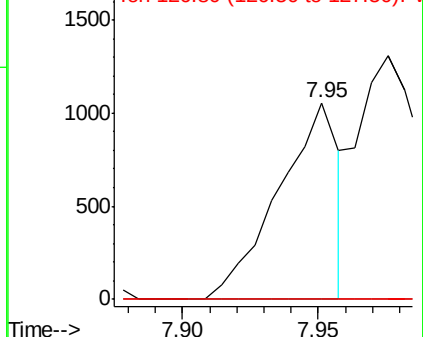
127 0.0 8.1 12.1#



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: 3.935 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

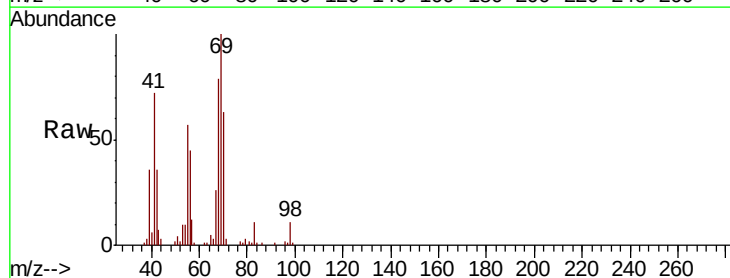
Tgt Ion: 41 Resp: 15940

Ion Ratio Lower Upper

41 100

69 141.5 70.2 105.4#

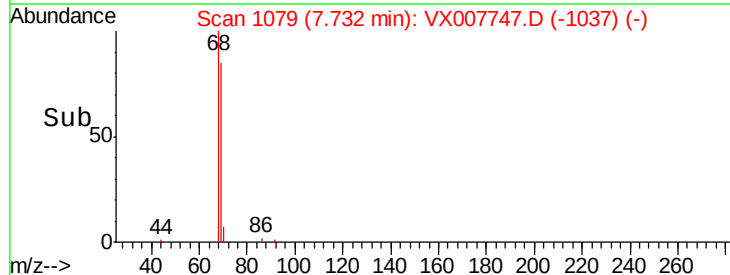
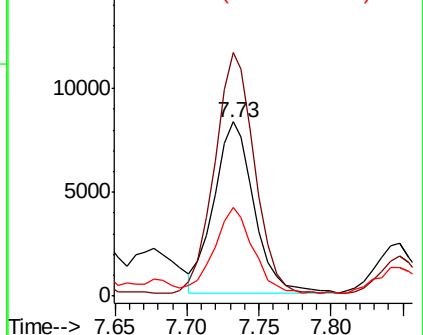
39 49.0 47.4 71.0

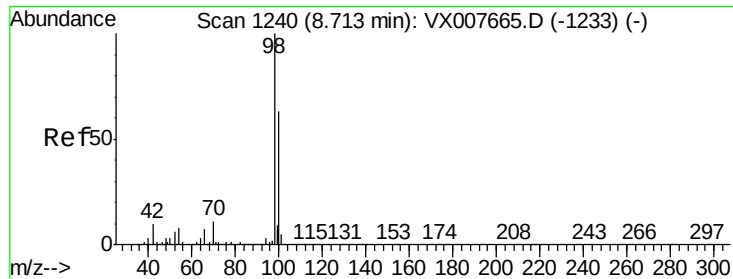


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

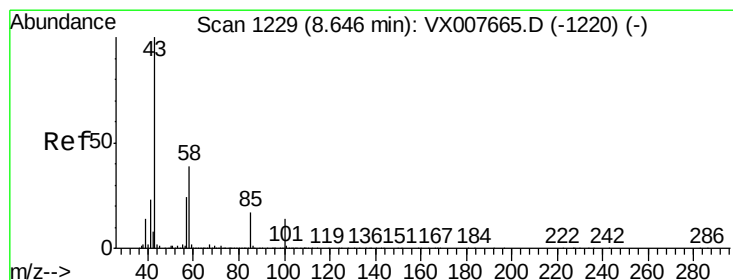
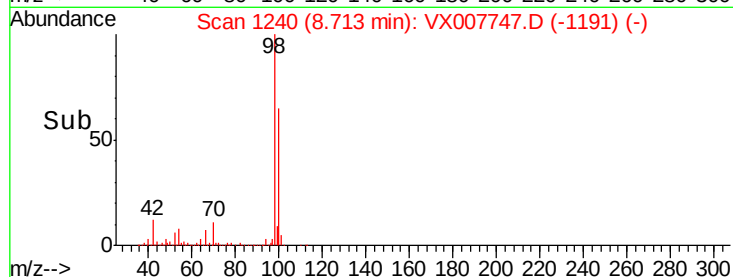
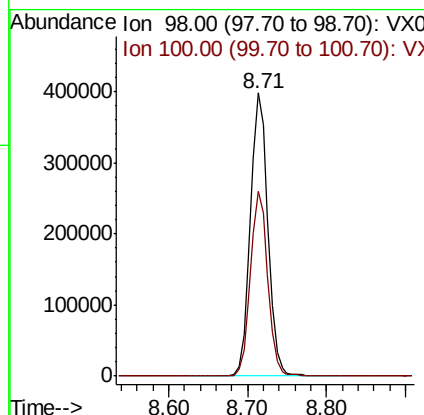
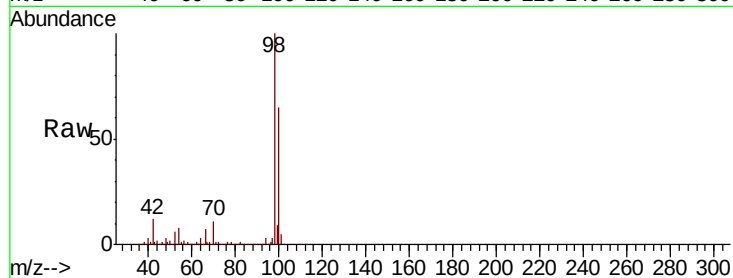




#50
Toluene-d8
Concen: 47.834 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

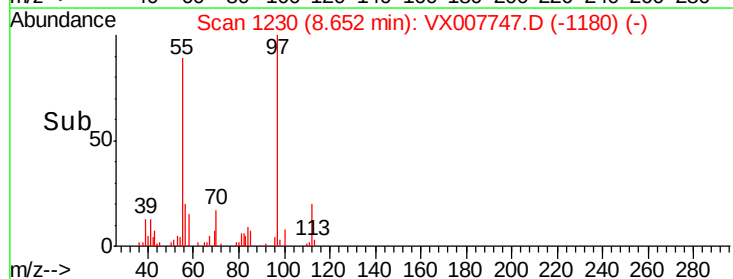
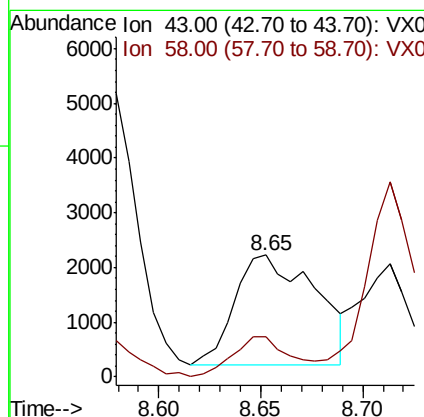
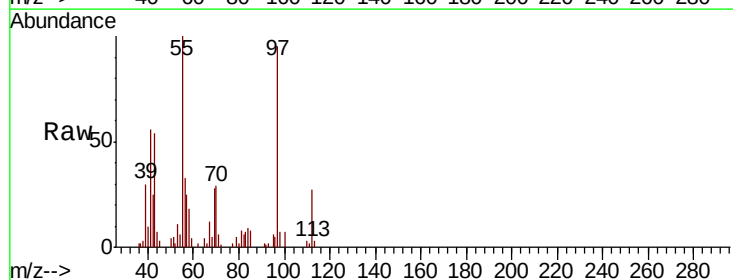
Instrument :
MSVOA_X
ClientSampleId :

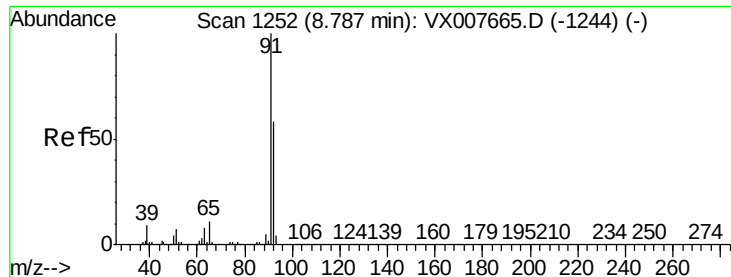
Tot Ion: 98 Resp: 615439
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.066 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

Tgt Ion: 43 Resp: 5515
Ion Ratio Lower Upper
43 100
58 26.9 31.2 46.8#





#52

Toluene

Concen: 10.924 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

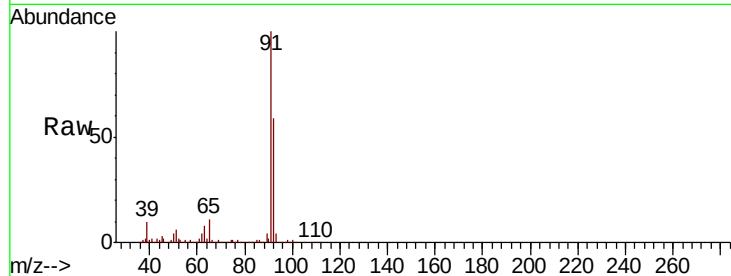
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 96117

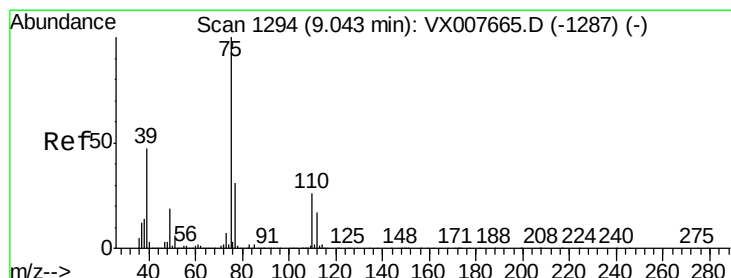
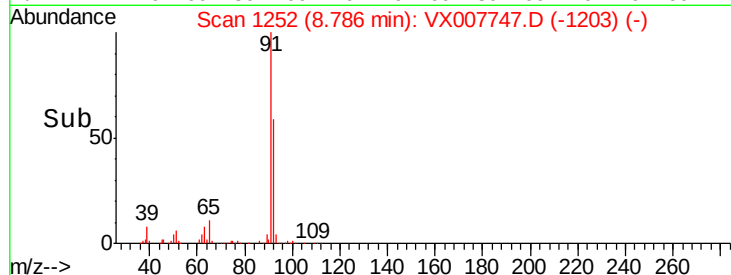
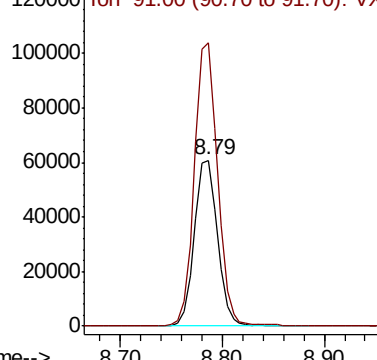
Ion Ratio Lower Upper

92 100

91 170.0 139.1 208.7



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: 2.832 ug/l

RT: 9.13 min Scan# 1309

Delta R.T. 0.09 min

Lab File: VX007747.D

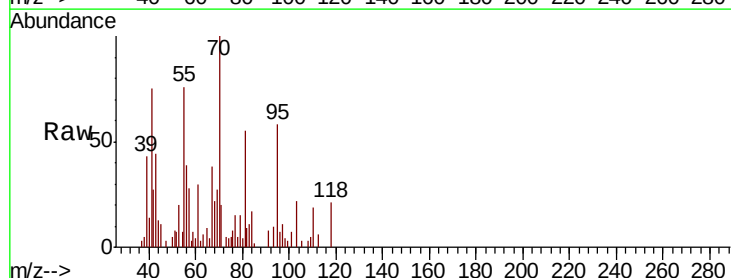
Acq: 27 Feb 2019 21:11

Tgt Ion: 75 Resp: 170

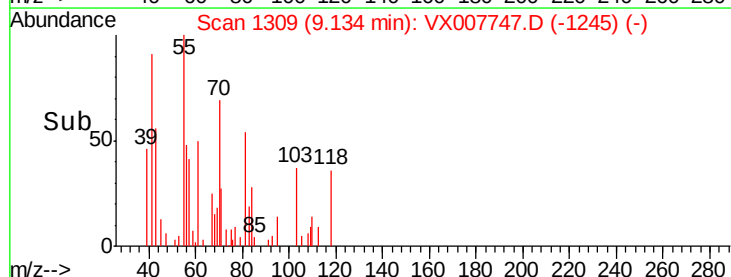
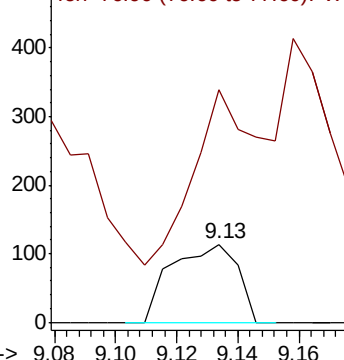
Ion Ratio Lower Upper

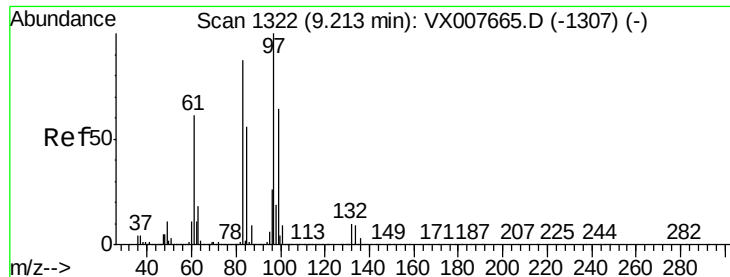
75 100

77 195.6 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0

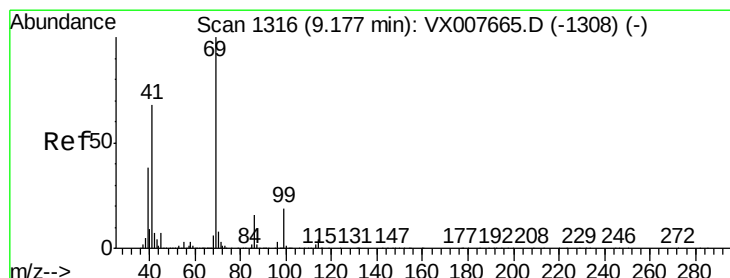
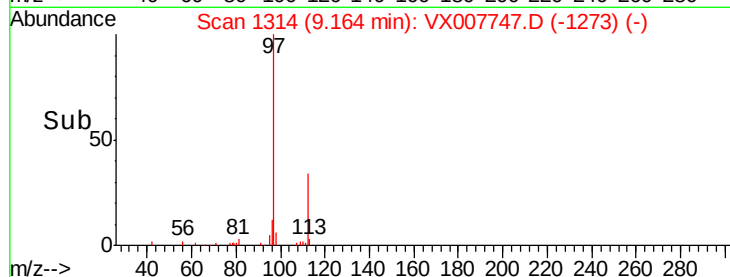
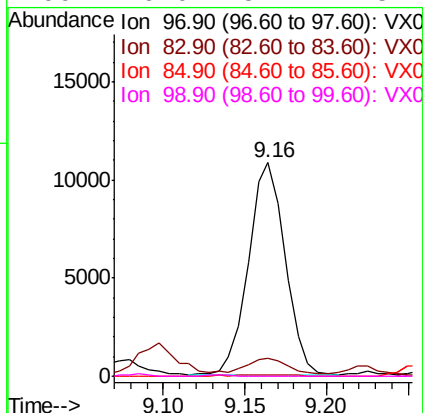
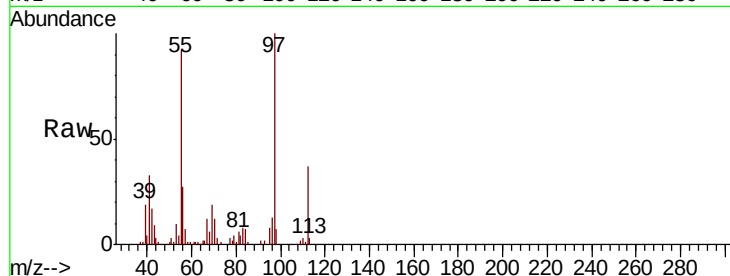




#55
 1,1,2-Trichloroethane
 Concen: 4.647 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

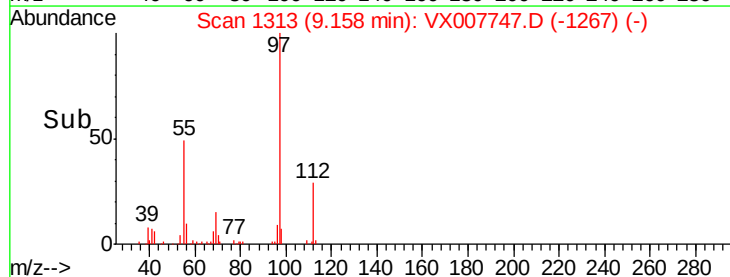
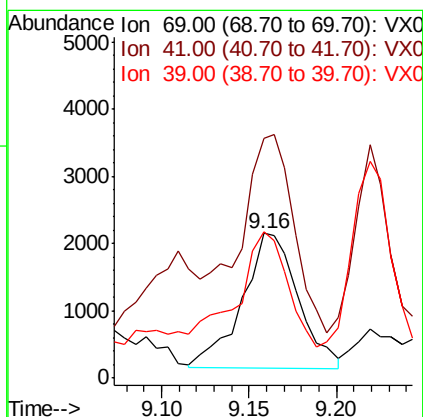
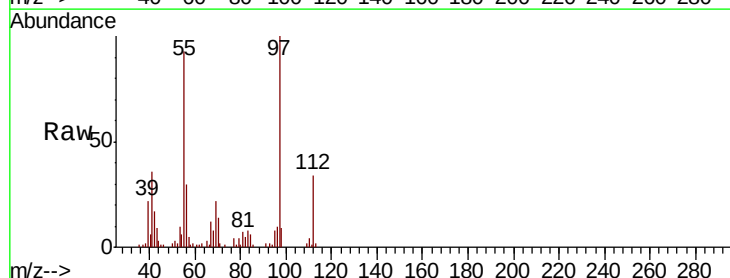
Instrument :
 MSVOA_X
 ClientSampleId :

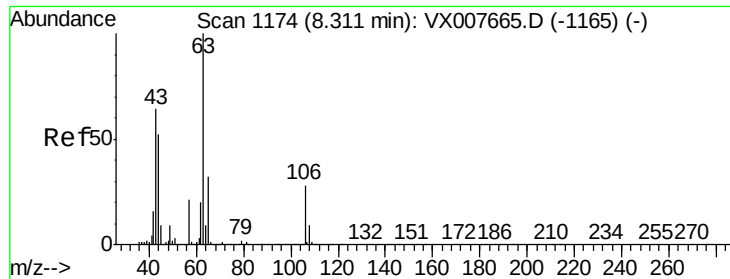
Tot Ion:	97	Resp:	17050
Ion	Ratio	Lower	Upper
97	100		
83	6.3	68.6	102.8#
85	0.5	44.5	66.7#
99	0.0	52.2	78.4#



#56
 Ethyl methacrylate
 Concen: 0.853 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

Tgt Ion:	69	Resp:	4452
Ion	Ratio	Lower	Upper
69	100		
41	118.5	52.1	78.1#
39	76.3	30.1	45.1#

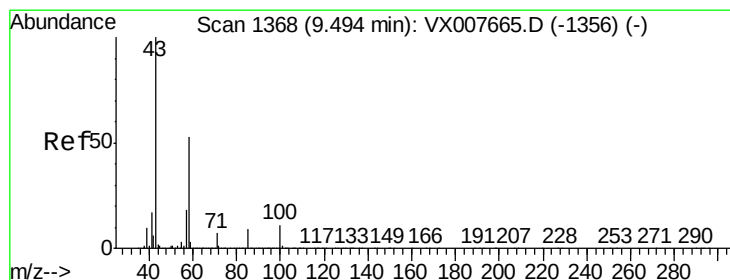
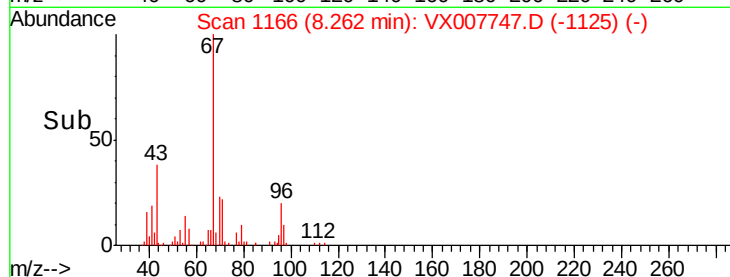
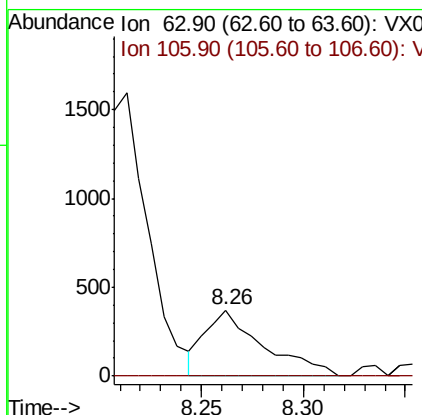
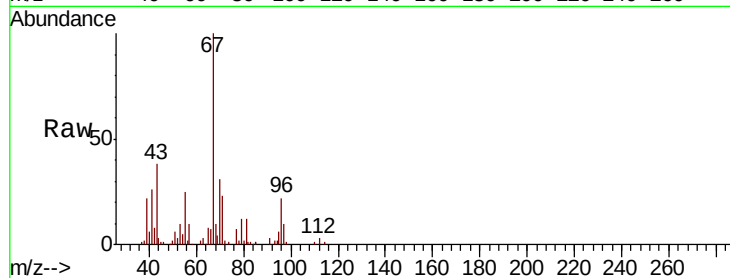




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.256 ug/l
 RT: 8.26 min Scan# 1166
 Delta R.T. -0.05 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

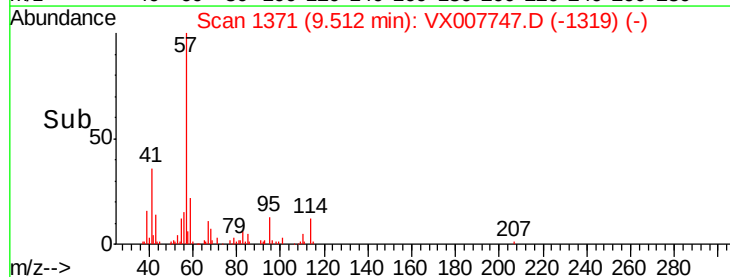
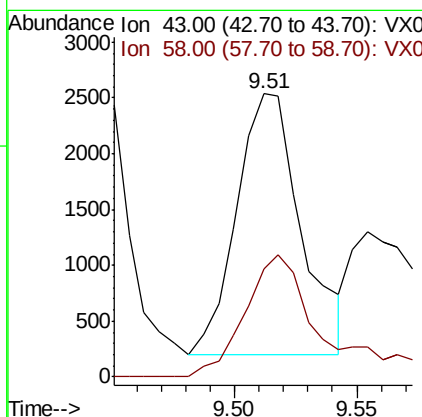
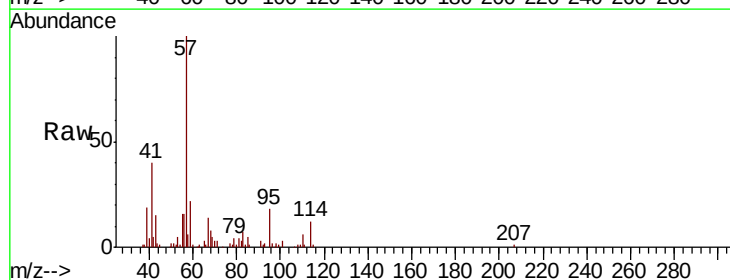
Instrument :
 MSVOA_X
 ClientSampleId :

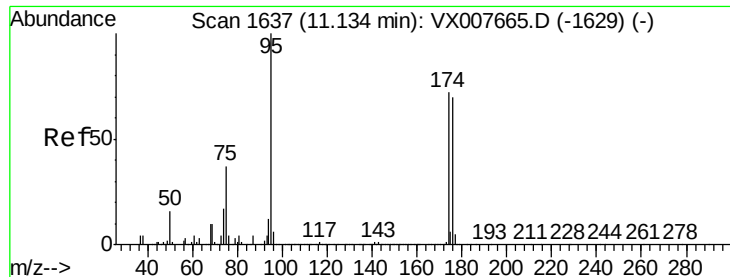
Tot Ion: 63 Resp: 736
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.6 35.4#



#59
 2-Hexanone
 Concen: 1.052 ug/l
 RT: 9.51 min Scan# 1371
 Delta R.T. 0.02 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

Tgt Ion: 43 Resp: 4272
 Ion Ratio Lower Upper
 43 100
 58 55.8 27.1 81.3





#62

4-Bromofluorobenzene

Concen: 48.683 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

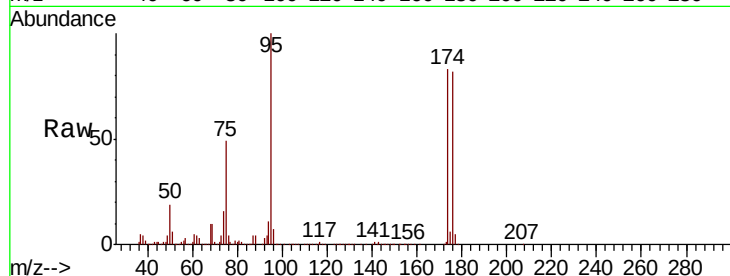
Tot Ion: 95 Resp: 229897

Ion Ratio Lower Upper

95 100

174 89.8 0.0 189.2

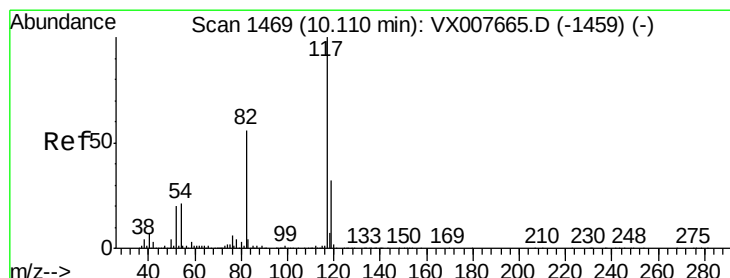
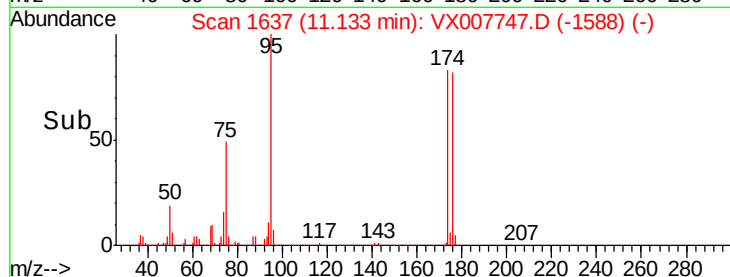
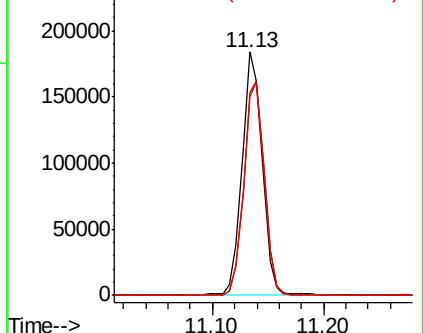
176 88.4 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007665.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX007665.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX007665.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

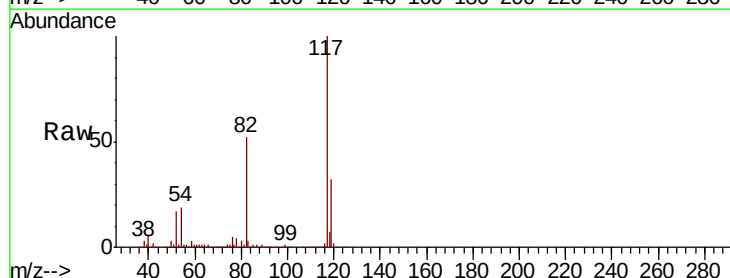
Tgt Ion: 117 Resp: 471373

Ion Ratio Lower Upper

117 100

82 51.8 42.1 63.1

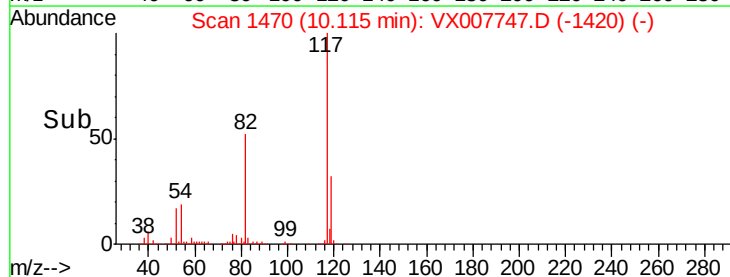
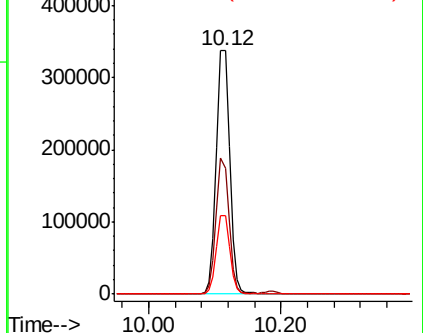
119 32.3 26.5 39.7

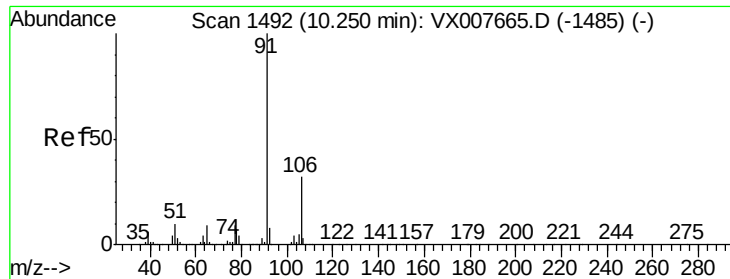


Abundance Ion 116.90 (116.60 to 117.60): VX007665.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007665.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007665.D (-1459) (-)





#67

Ethyl Benzene

Concen: 211.152 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

Instrument :

MSVOA_X

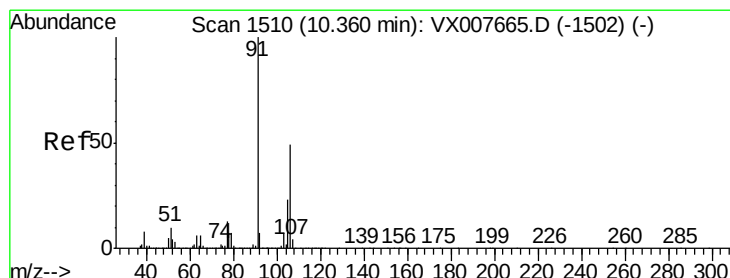
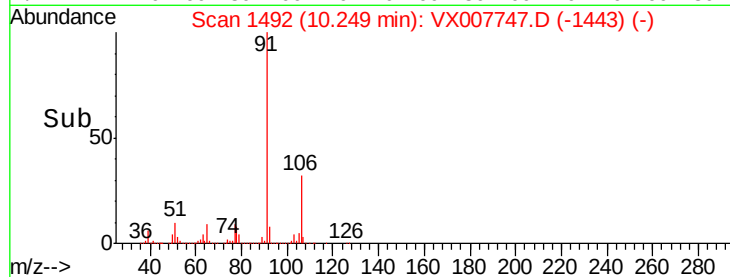
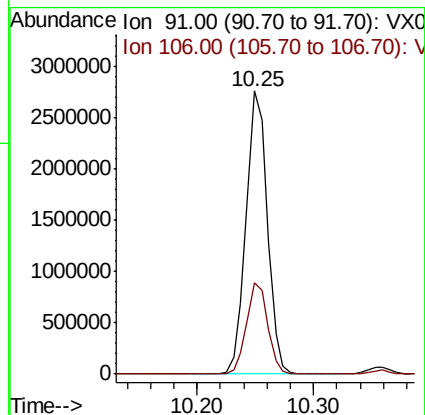
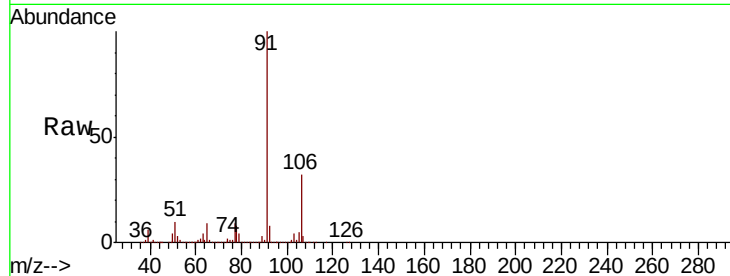
ClientSampleId :

Tot Ion: 91 Resp: 3566011

Ion Ratio Lower Upper

91 100

106 32.2 25.4 38.0



#68

m/p-Xylenes

Concen: 7.835 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007747.D

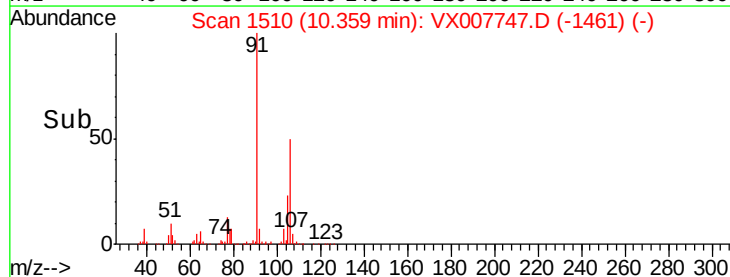
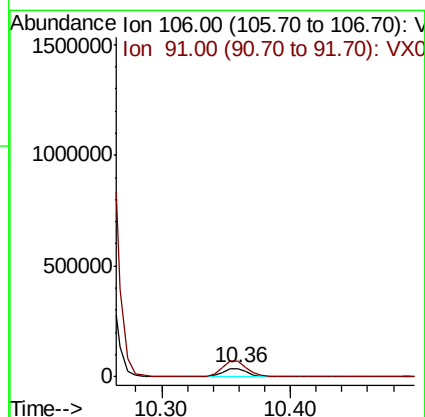
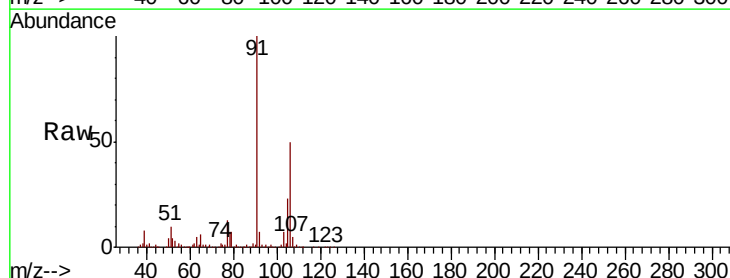
Acq: 27 Feb 2019 21:11

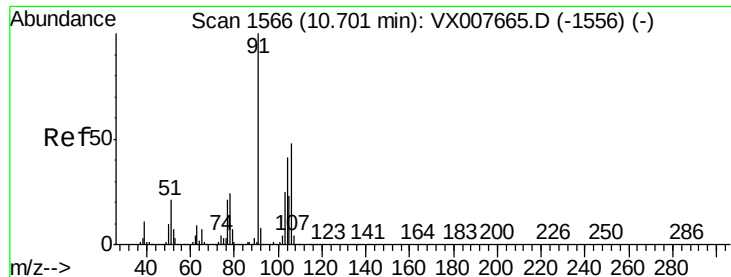
Tgt Ion: 106 Resp: 51477

Ion Ratio Lower Upper

106 100

91 0.0 156.6 234.8#

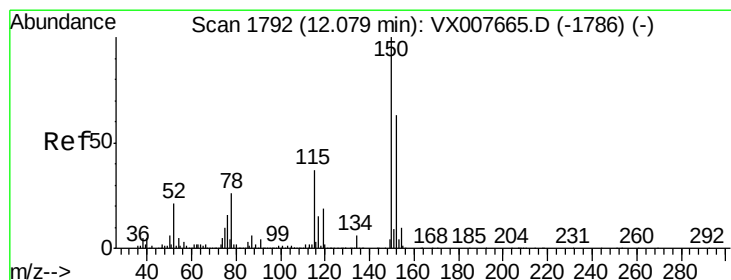
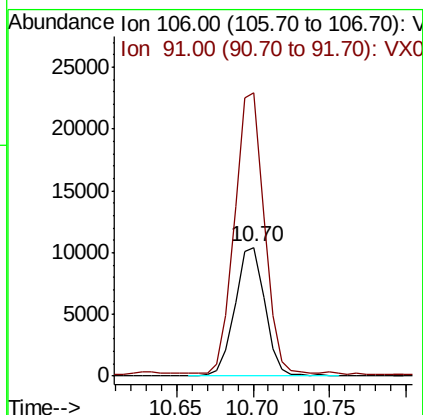
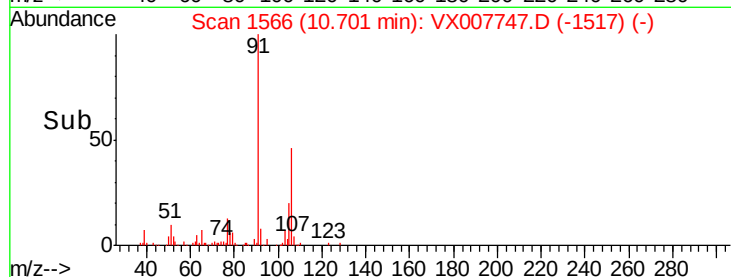
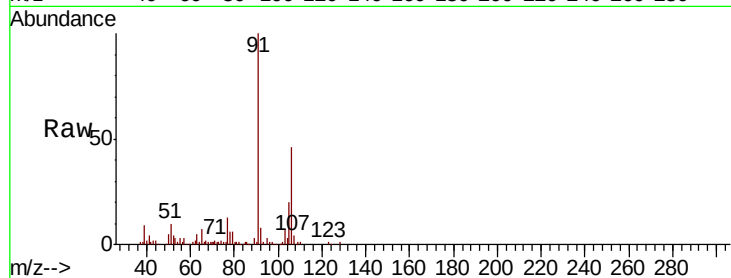




#69
o-Xylene
Concen: 2.244 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

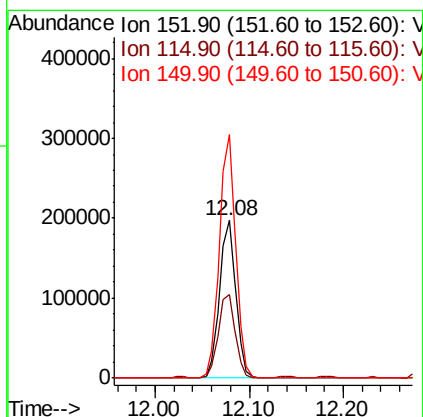
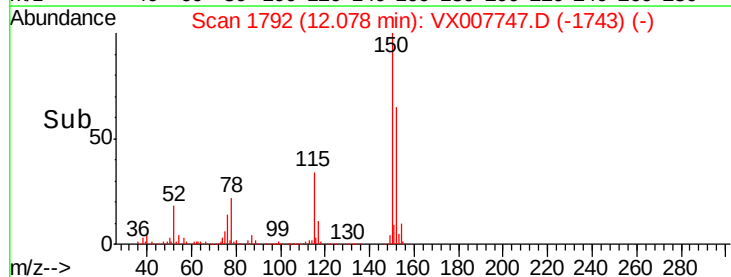
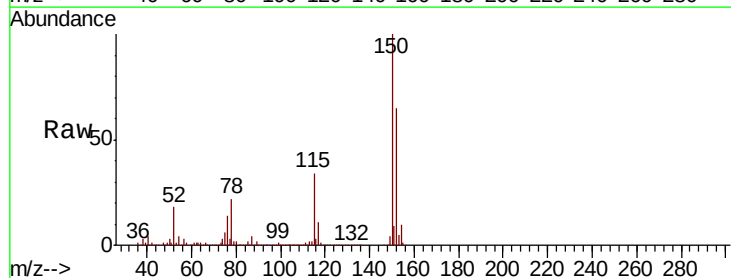
Instrument :
MSVOA_X
ClientSampled :

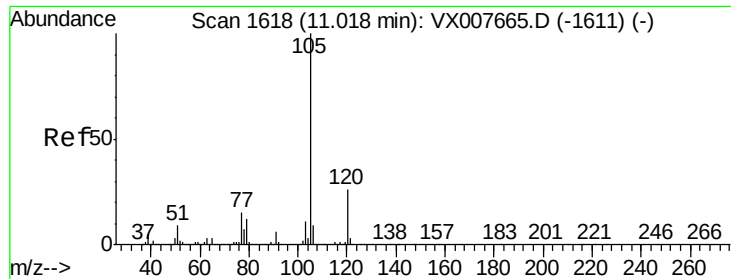
Tot Ion:106 Resp: 14182
Ion Ratio Lower Upper
106 100
91 213.5 102.9 308.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

Tgt Ion:152 Resp: 237265
Ion Ratio Lower Upper
152 100
115 54.7 38.0 114.0
150 154.8 0.0 346.4

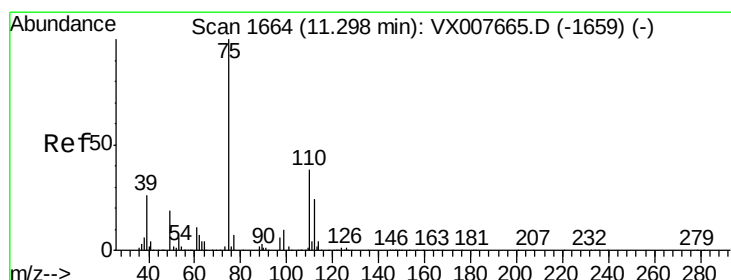
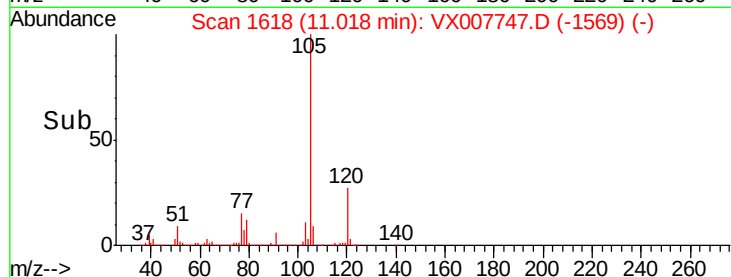
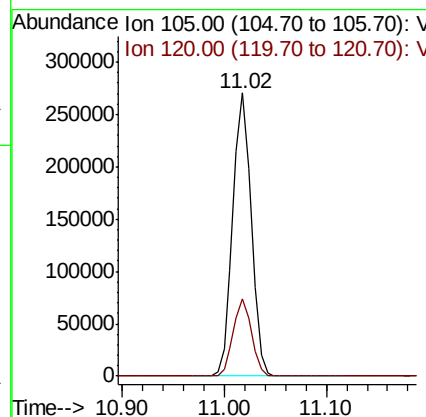
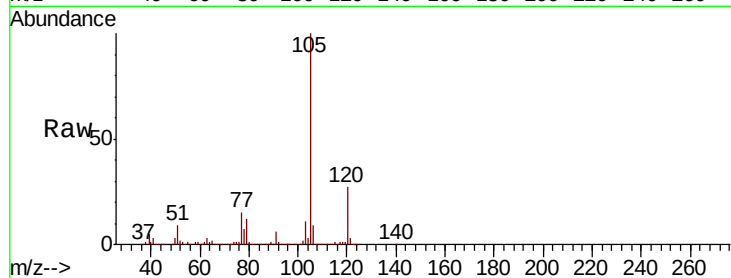




#73
Isopropylbenzene
Concen: 19.997 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

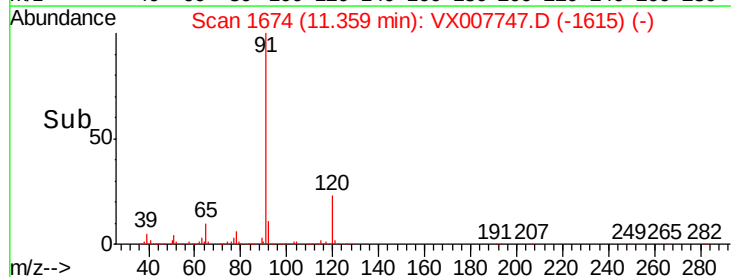
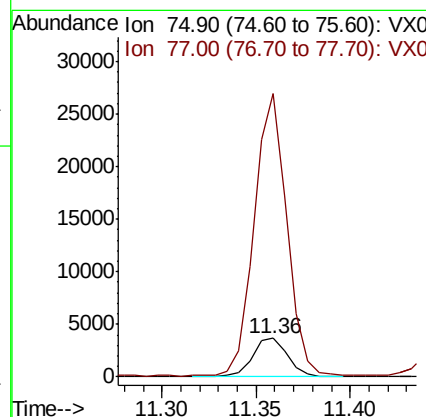
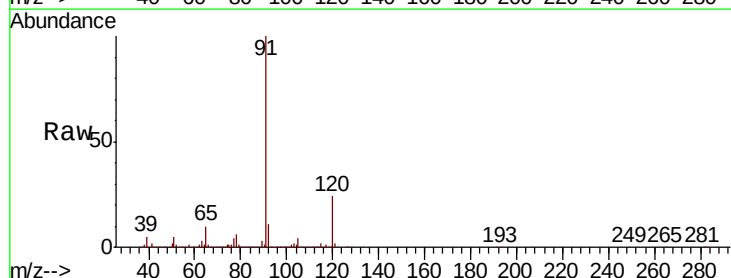
Instrument :
MSVOA_X
ClientSampled :

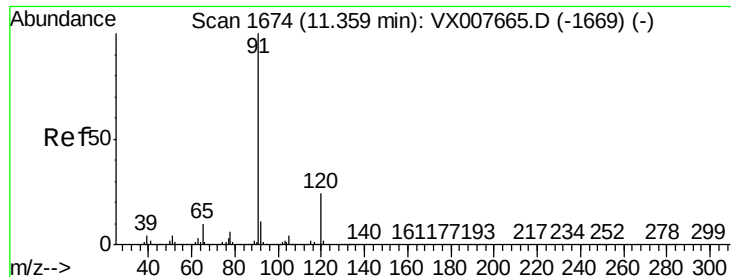
Tot Ion:105 Resp: 339096
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.7



#76
1,2,3-Trichloropropane
Concen: 0.938 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.06 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

Tgt Ion: 75 Resp: 4745
Ion Ratio Lower Upper
75 100
77 676.6 23.0 69.0#





#78

n-propylbenzene

Concen: 42.071 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

Instrument :

MSVOA_X

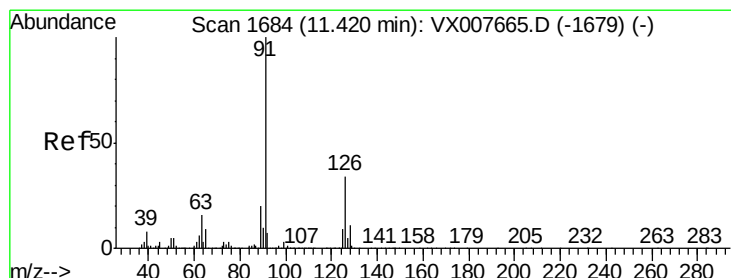
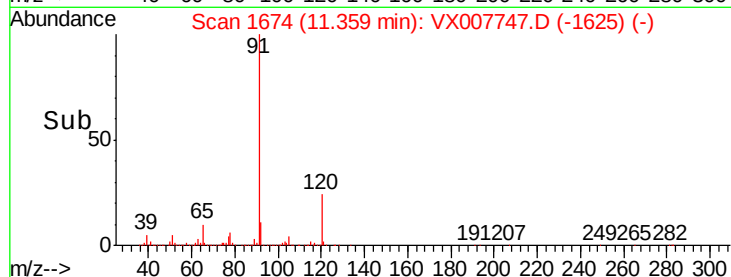
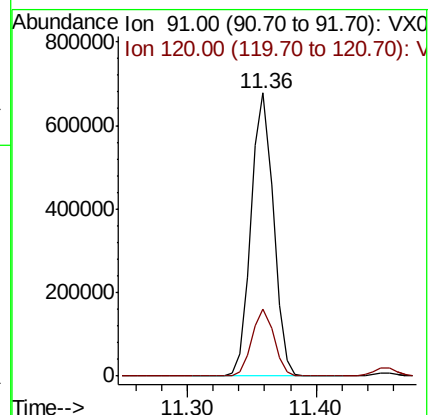
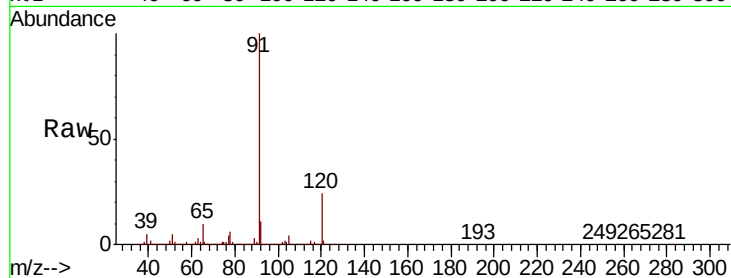
ClientSampleId :

Tot Ion: 91 Resp: 806182

Ion Ratio Lower Upper

91 100

120 23.5 12.4 37.2



#79

2-Chlorotoluene

Concen: 69.871 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX007747.D

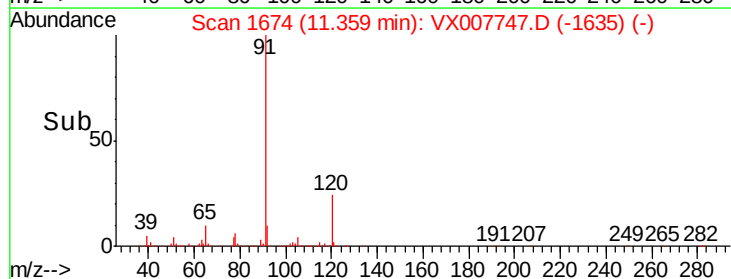
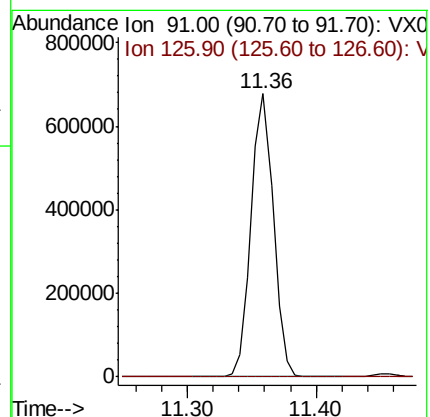
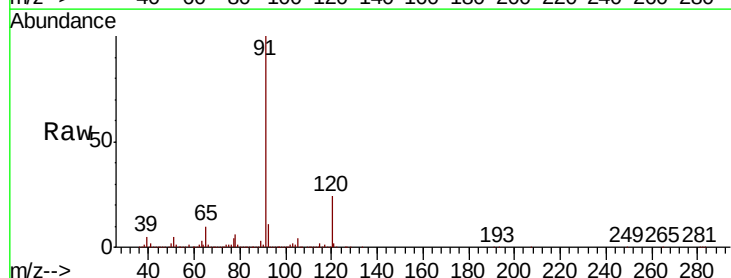
Acq: 27 Feb 2019 21:11

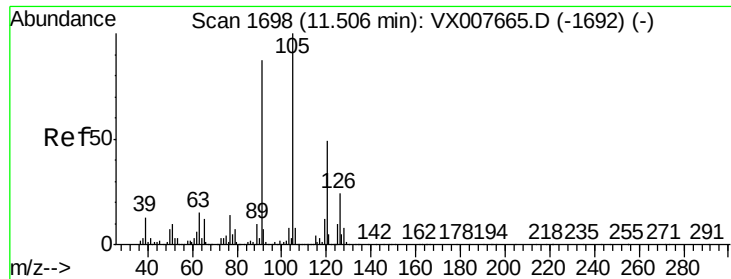
Tgt Ion: 91 Resp: 806182

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#





#80

1,3,5-Trimethylbenzene

Concen: 6.001 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.06 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

Instrument :

MSVOA_X

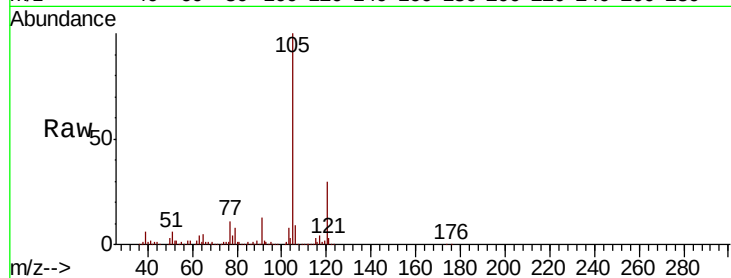
ClientSampled :

Tot Ion:105 Resp: 83699

Ion Ratio Lower Upper

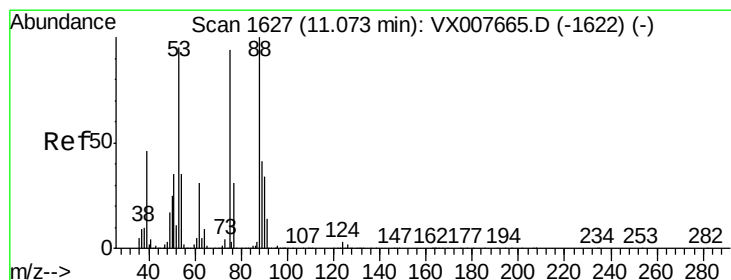
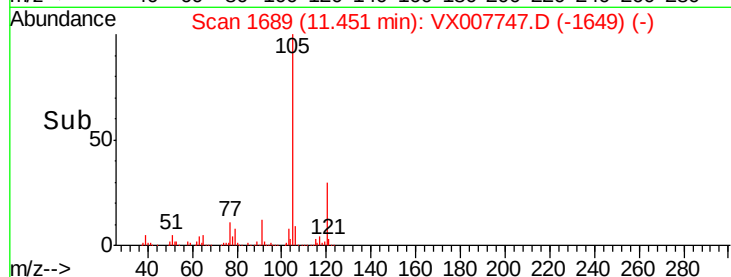
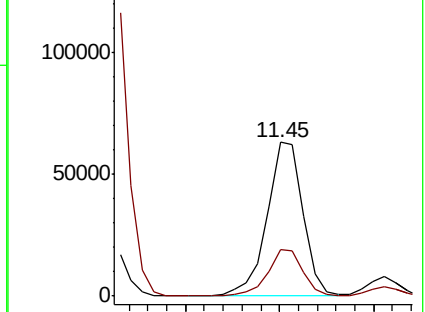
105 100

120 30.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 4.915 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

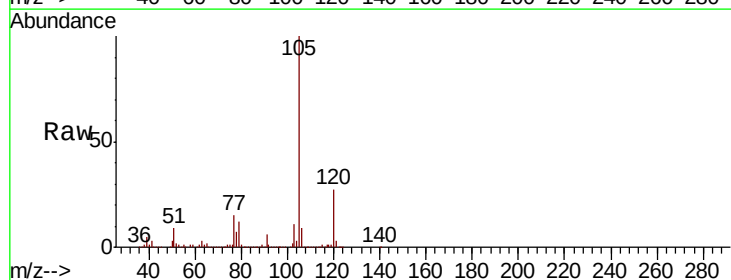
Tgt Ion: 75 Resp: 3826

Ion Ratio Lower Upper

75 100

53 119.7 81.0 121.6

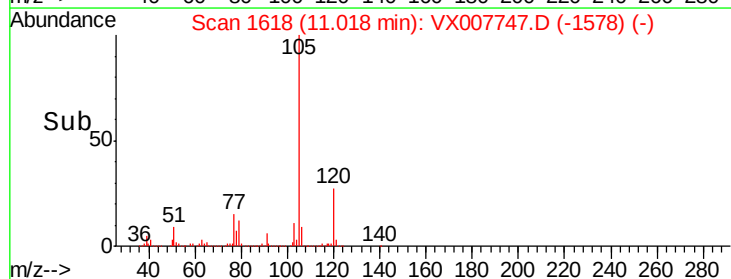
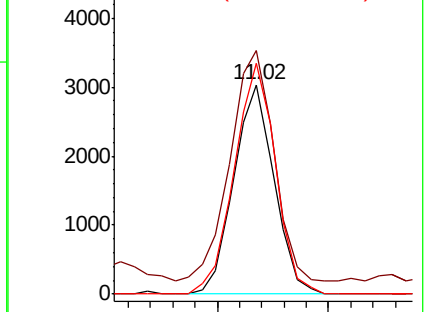
89 112.3 41.4 62.0#

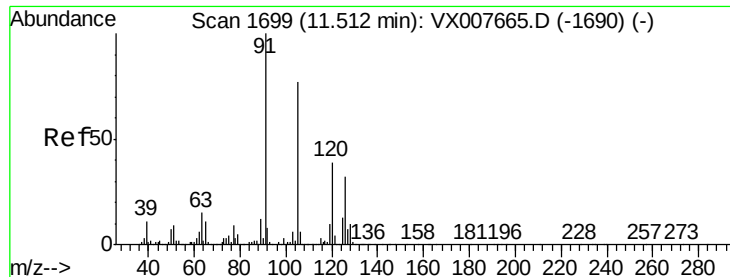


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 2.502 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.15 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

Instrument :

MSVOA_X

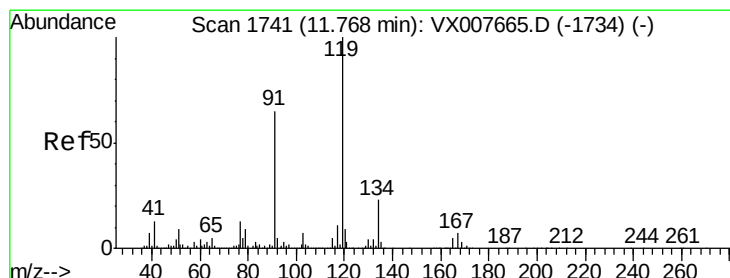
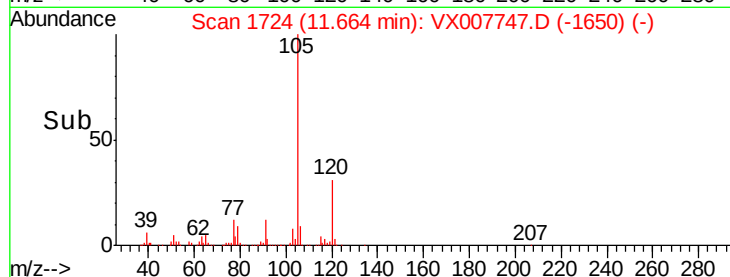
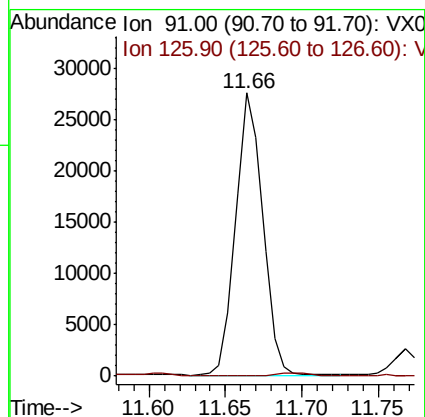
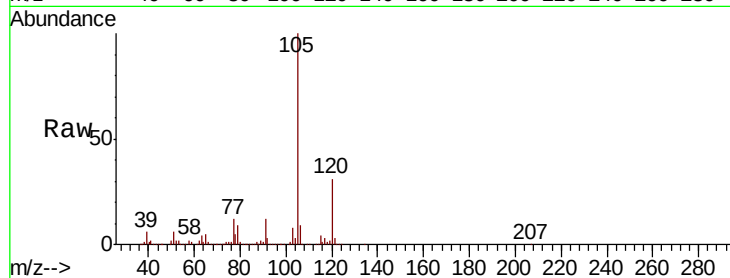
ClientSampleId :

Tot Ion: 91 Resp: 33777

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.5#



#83

tert-Butylbenzene

Concen: 0.323 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

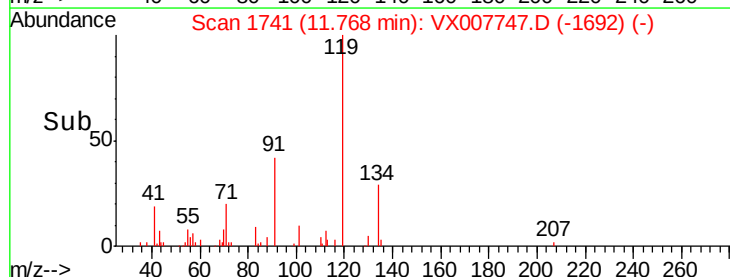
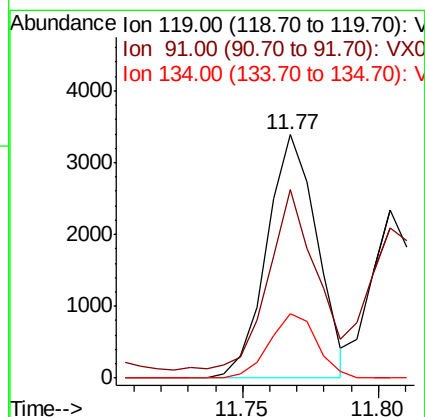
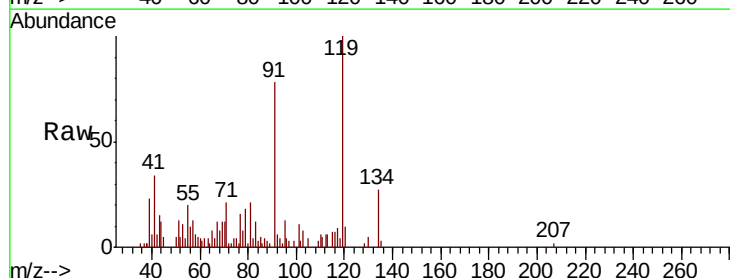
Tgt Ion: 119 Resp: 4326

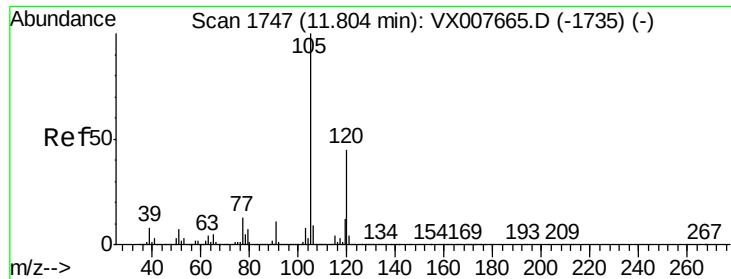
Ion Ratio Lower Upper

119 100

91 70.4 28.5 85.6

134 25.1 12.0 36.0

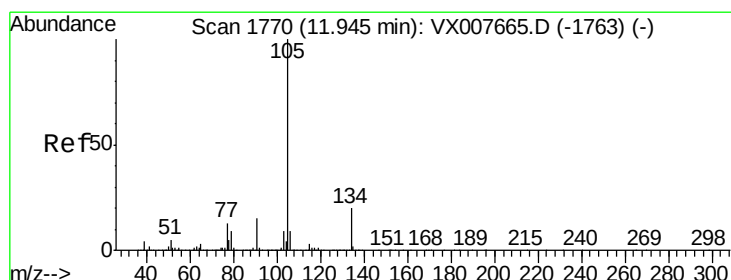
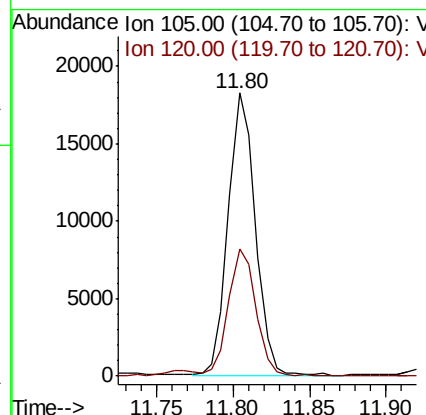
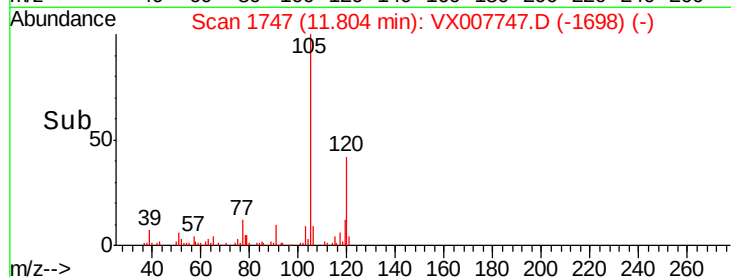
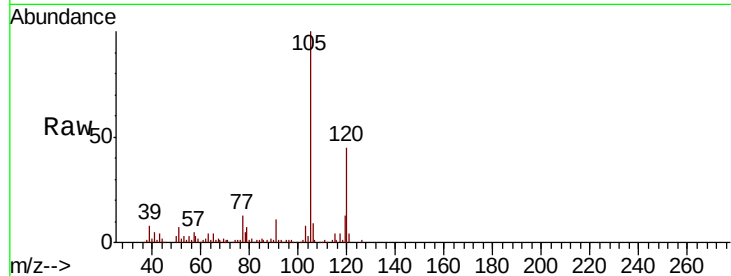




#84
 1,2,4-Trimethylbenzene
 Concen: 1.586 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

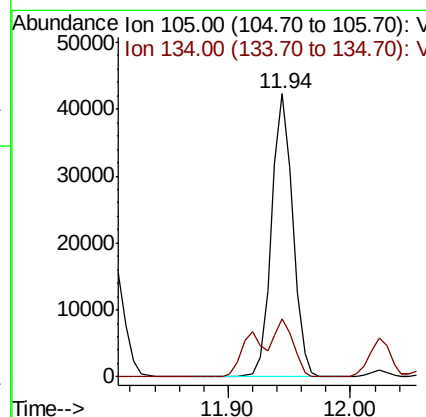
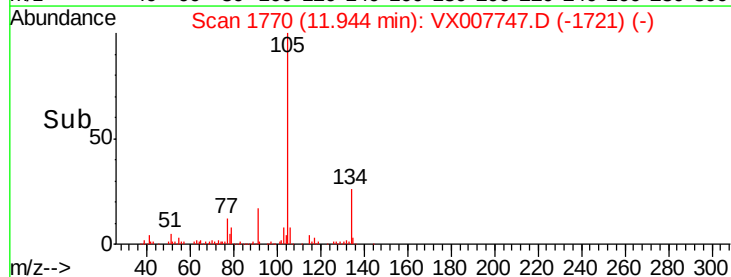
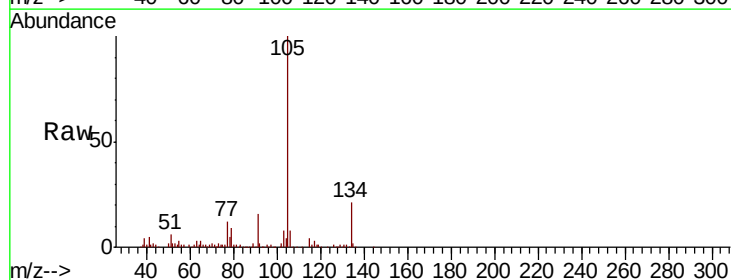
Instrument :
 MSVOA_X
 ClientSampleId :

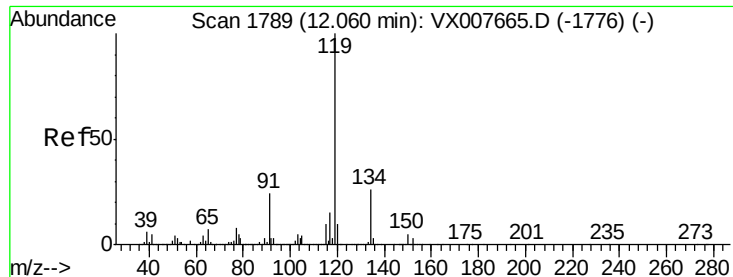
Tot Ion:105 Resp: 22625
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 3.019 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007747.D
 Acq: 27 Feb 2019 21:11

Tgt Ion:105 Resp: 50672
 Ion Ratio Lower Upper
 105 100
 134 18.5 10.6 31.8

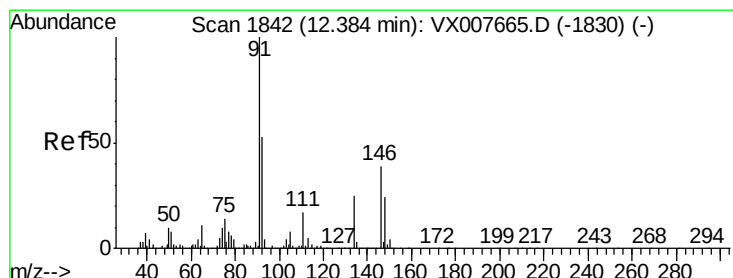
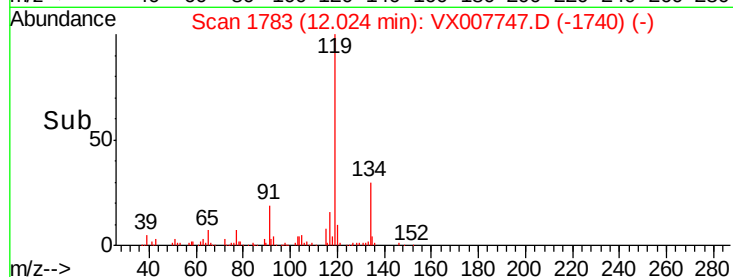
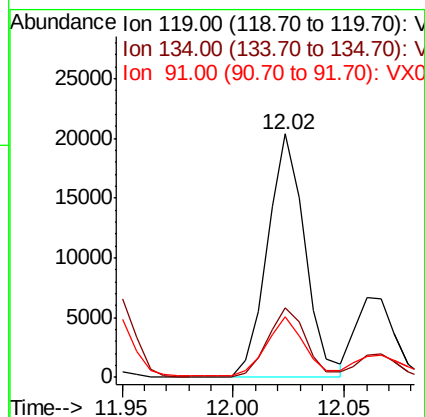
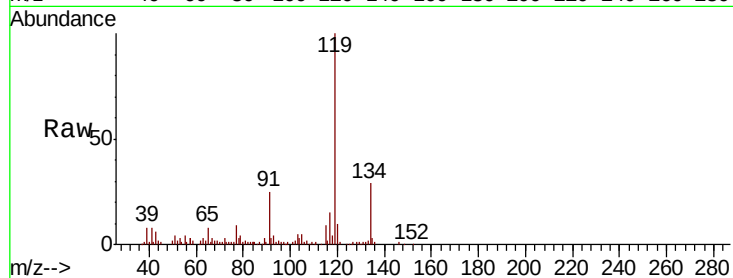




#86
p-Isopropyltoluene
Concen: 1.618 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

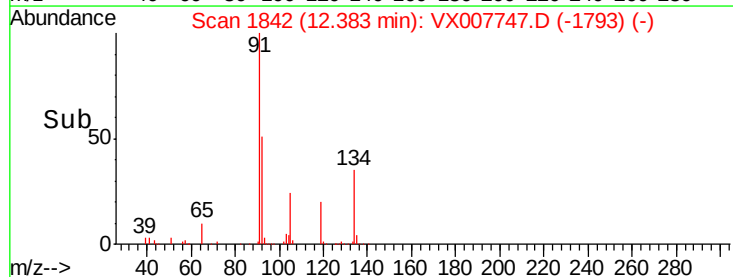
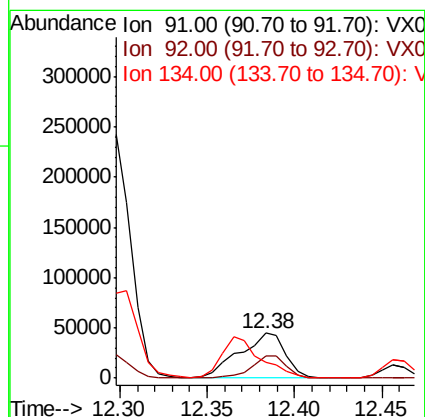
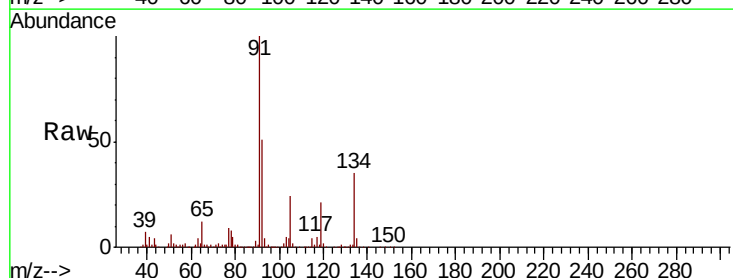
Instrument :
MSVOA_X
ClientSampleId :

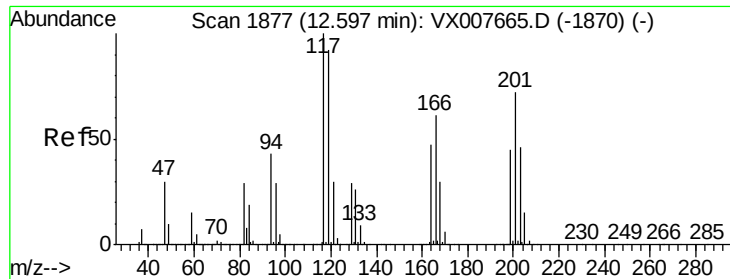
Tot Ion:119 Resp: 23786
Ion Ratio Lower Upper
119 100
134 29.3 13.7 41.1
91 0.0 11.2 33.5#



#89
n-Butylbenzene
Concen: 6.165 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007747.D
Acq: 27 Feb 2019 21:11

Tgt Ion: 91 Resp: 80805
Ion Ratio Lower Upper
91 100
92 38.3 26.3 78.9
134 78.6 13.9 41.6#





#90

Hexachloroethane

Concen: 22.128 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

Instrument :

MSVOA_X

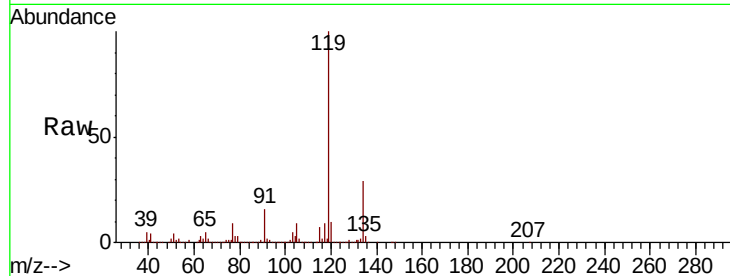
ClientSampleId :

Tot Ion:117 Resp: 54798

Ion Ratio Lower Upper

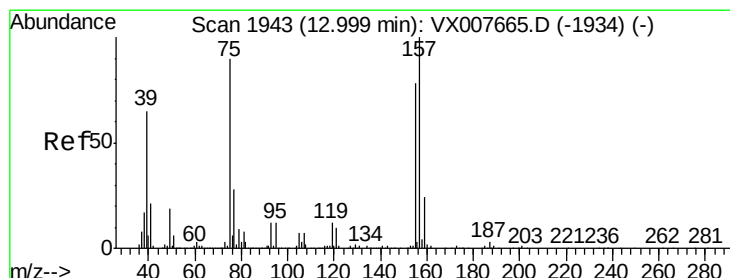
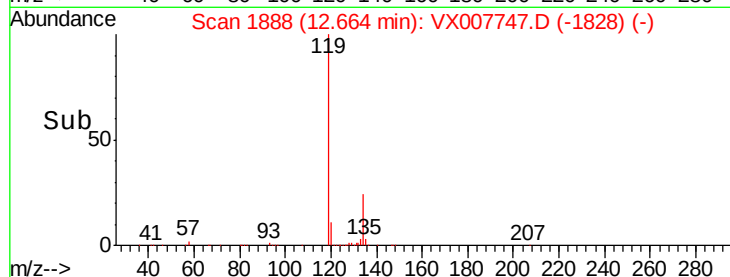
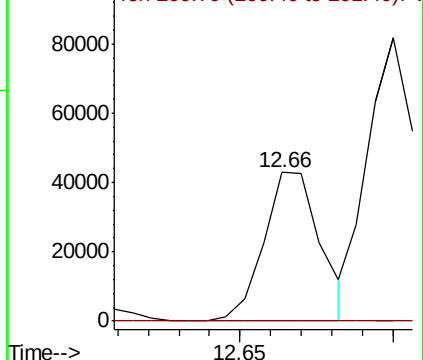
117 100

201 0.0 44.9 134.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.627 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

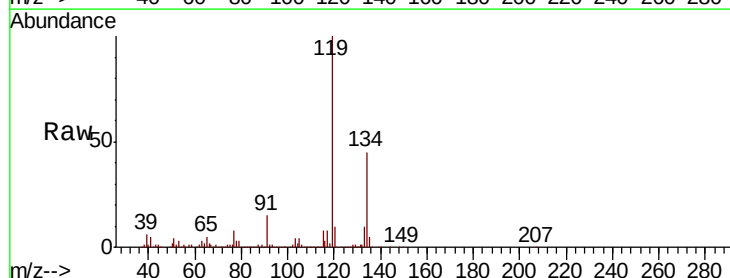
Tgt Ion: 75 Resp: 801

Ion Ratio Lower Upper

75 100

155 0.0 49.6 149.0#

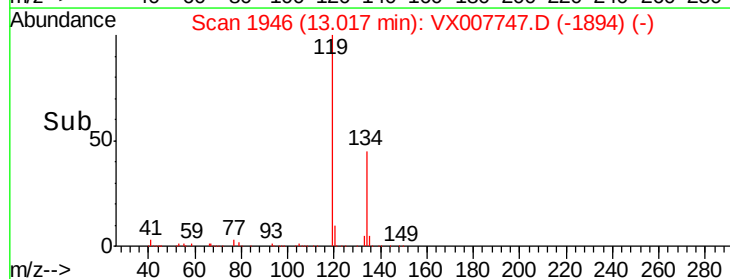
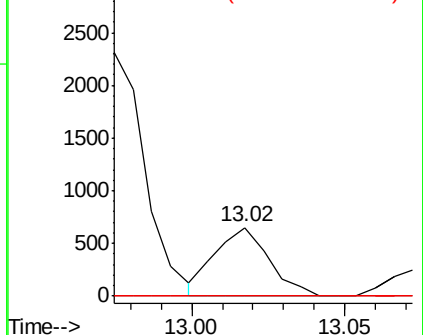
157 0.0 65.1 195.3#

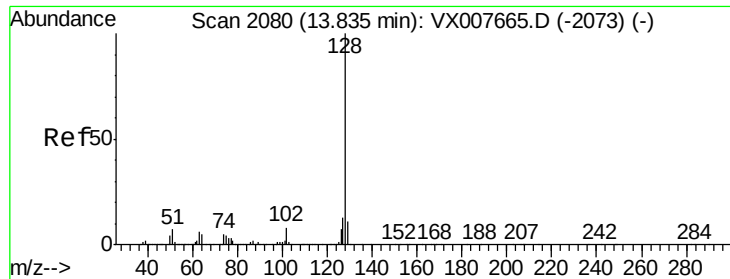


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 32.346 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007747.D

Acq: 27 Feb 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

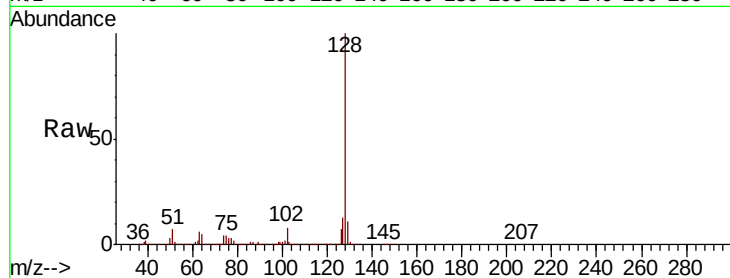
Tot Ion:128 Resp: 504970

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 11.2 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

