

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000629.D
 Acq On : 01 Apr 2018 07:27
 Operator : JC/MD
 Sample : J2132-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 05:31:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	128308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	213557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	219375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	83894	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	5.52	113	64111	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
50) Toluene-d8	8.72	98	273678	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.15	95	107448	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	

Target Compounds

					Qvalue
6) Chloroethane	1.71	64	64	Below Cal	# 1
10) Methyl Iodide	2.53	142	51	4.305	ug/l # 37
11) Tert butyl alcohol	3.07	59	2448	4.249	ug/l # 72
13) Acrolein	2.29	56	70	14.936	ug/l # 1
14) Allyl chloride	2.78	41	813	0.230	ug/l # 58
15) Acrylonitrile	3.17	53	2869	2.459	ug/l # 35
16) Acetone	2.45	43	11369	8.160	ug/l 99
18) Methyl Acetate	2.85	43	24302	8.320	ug/l # 51
20) Methylene Chloride	2.87	84	701	0.436	ug/l # 73
25) 2-Butanone	4.72	43	9044	5.775	ug/l 98
30) Chloroform	5.28	83	3732	1.457	ug/l # 30
31) Cyclohexane	5.59	56	26480	12.531	ug/l # 93
36) 1,1-Dichloropropene	5.67	75	10228	5.113	ug/l # 52
37) Ethyl Acetate	4.72	43	9044	3.310	ug/l # 69
38) Carbon Tetrachloride	5.67	117	12980	6.185	ug/l # 17
39) Methylcyclohexane	7.47	83	66929	27.511	ug/l 95
41) Methacrylonitrile	5.06	41	777	0.539	ug/l # 34
43) Isopropyl Acetate	6.47	43	2294	0.564	ug/l # 62
45) 1,2-Dichloropropane	7.47	63	1034	0.695	ug/l # 1
47) Bromodichloromethane	7.85	83	616	0.300	ug/l # 25
48) Methyl methacrylate	7.74	41	6521	3.302	ug/l # 63
51) 4-Methyl-2-Pentanone	8.66	43	1650	0.524	ug/l # 67
56) Ethyl methacrylate	9.17	69	2728	1.078	ug/l # 26
59) 2-Hexanone	9.32	43	1908	0.714	ug/l 83
67) Ethyl Benzene	10.26	91	22251	2.689	ug/l 93
68) m/p-Xylenes	10.37	106	7783	2.390	ug/l 99
69) o-Xylene	10.71	106	795	0.252	ug/l 78
73) Isopropylbenzene	11.02	105	37053	4.226	ug/l 100
74) N-amyl acetate	6.47	43	2294	Below Cal	# 59
76) 1,2,3-Trichloropropane	11.37	75	2396	0.843	ug/l # 1
78) n-propylbenzene	11.37	91	315936	30.223	ug/l 99
79) 2-Chlorotoluene	11.46	91	28316	4.689	ug/l # 39
80) 1,3,5-Trimethylbenzene	11.51	105	219805	29.818	ug/l 99
81) trans-1,4-Dichloro-2-buten	11.15	75	57576	65.552	ug/l # 9

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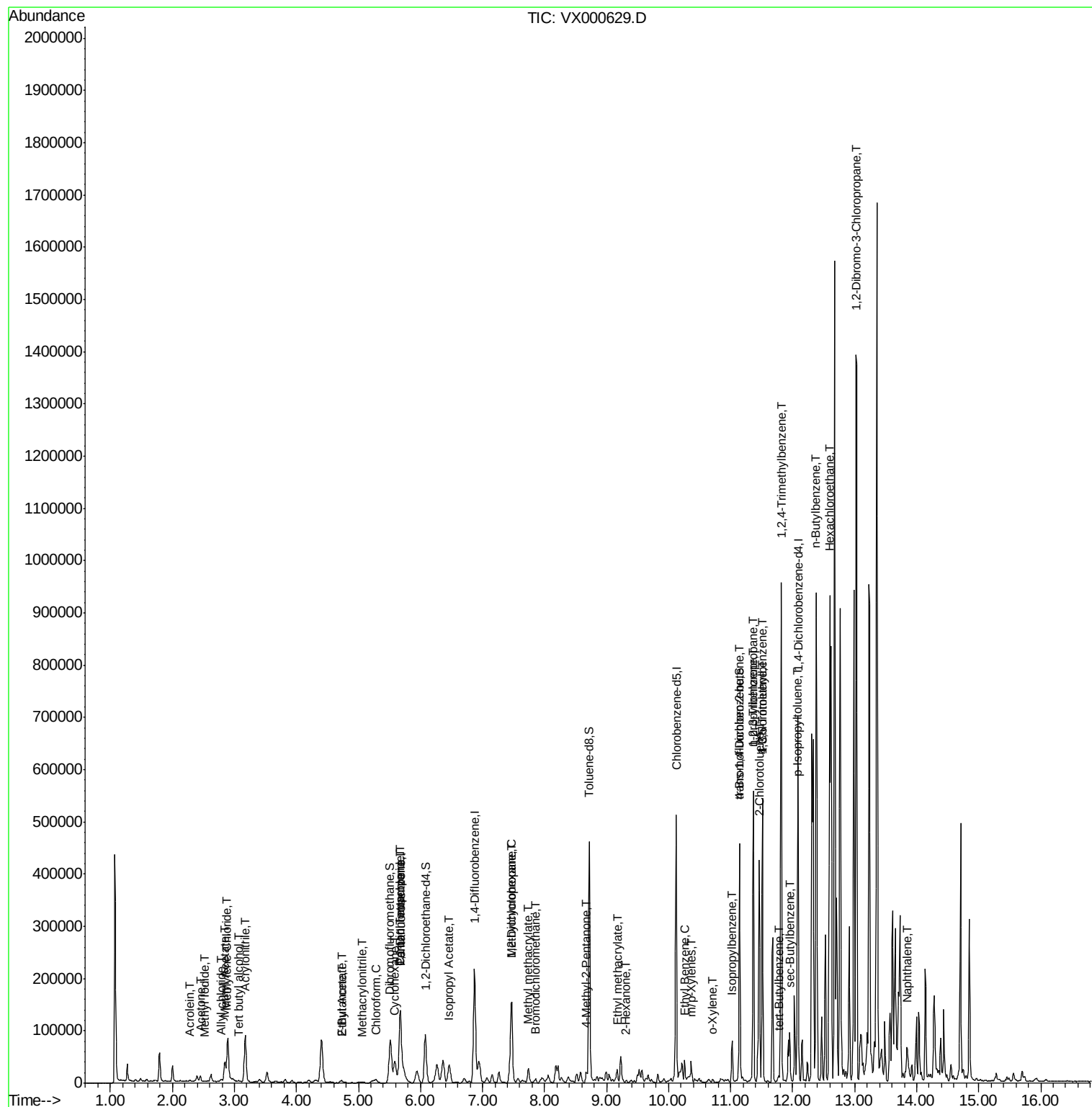
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.51	91	25759	3.572	ug/l #	44
83) tert-Butylbenzene	11.78	119	4242	0.571	ug/l	92
84) 1,2,4-Trimethylbenzene	11.82	105	407775	52.762	ug/l	100
85) sec-Butylbenzene	11.96	105	52667	5.725	ug/l	96
86) p-Isopropyltoluene	12.07	119	23960	2.933	ug/l	97
89) n-Butylbenzene	12.38	91	123288	16.208	ug/l #	12
90) Hexachloroethane	12.60	117	43490	33.820	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.02	75	4602	5.321	ug/l #	1
95) Naphthalene	13.84	128	39160	3.622	ug/l #	90

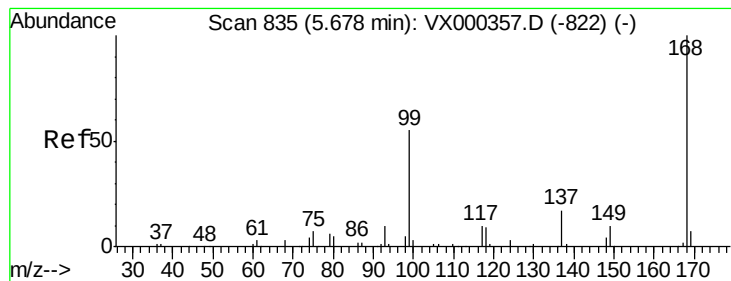
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

Instrument :

MSVOA_X

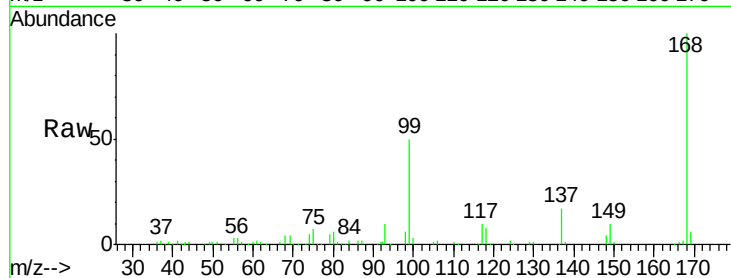
ClientSampled :

Tot Ion:168 Resp: 128308

Ion Ratio Lower Upper

168 100

99 49.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

50000

40000

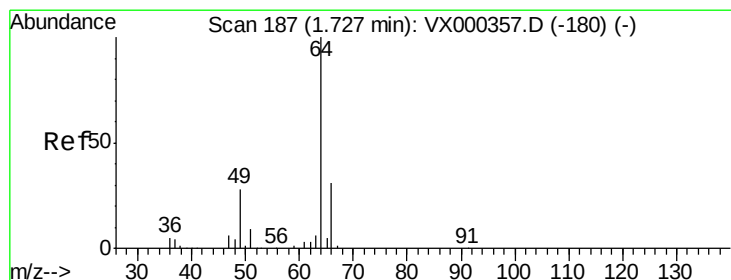
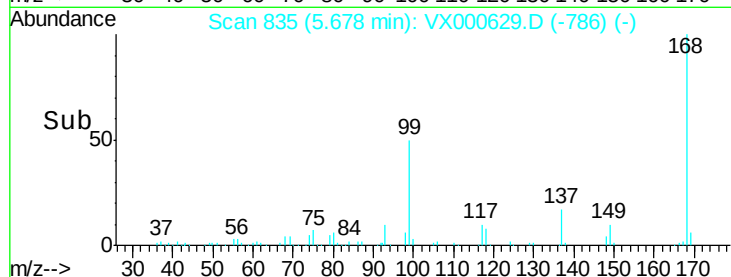
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000629.D

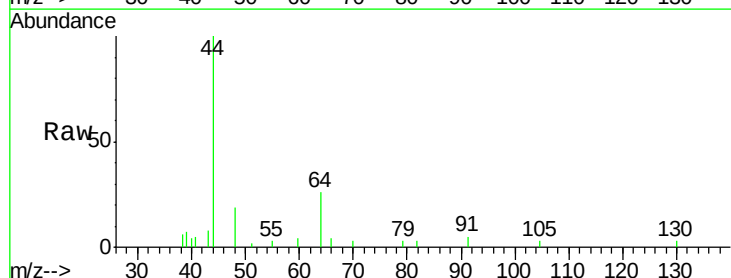
Acq: 01 Apr 2018 07:27

Tgt Ion: 64 Resp: 64

Ion Ratio Lower Upper

64 100

66 91.2 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

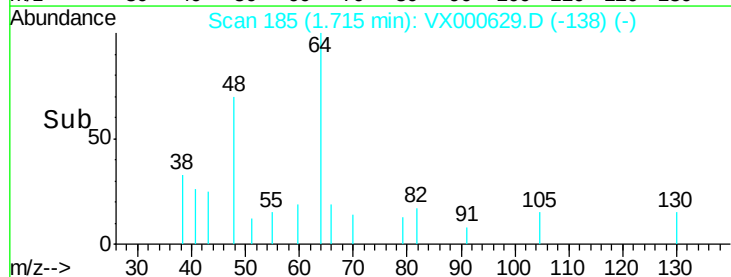
600

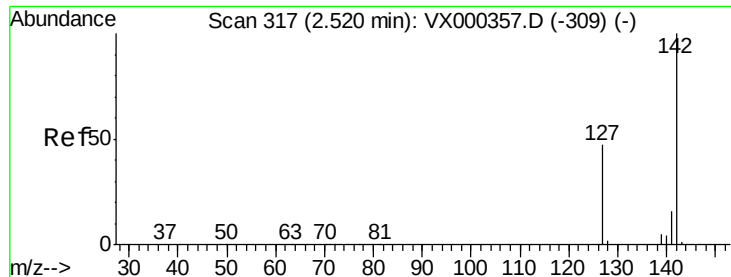
400

200

0

Time-->

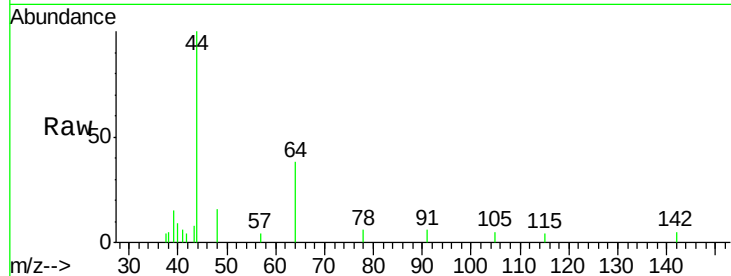




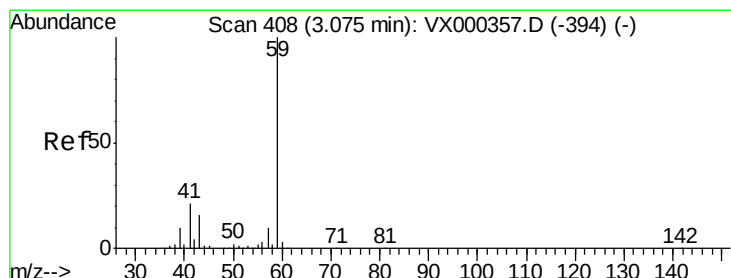
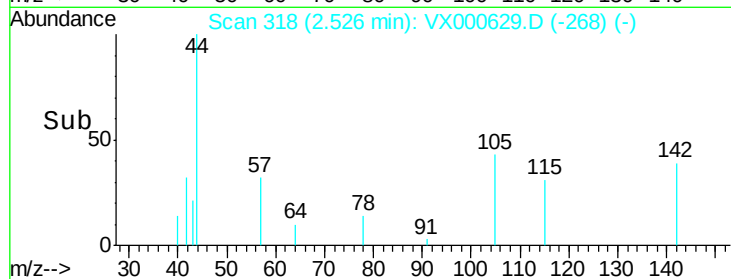
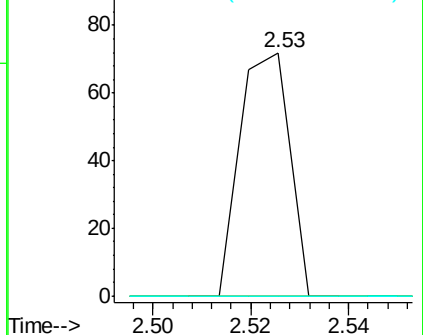
#10
Methyl Iodide
Concen: 4.305 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 51
Ion Ratio Lower Upper
142 100
127 0.0 39.2 58.8#
141 0.0 11.7 17.5#

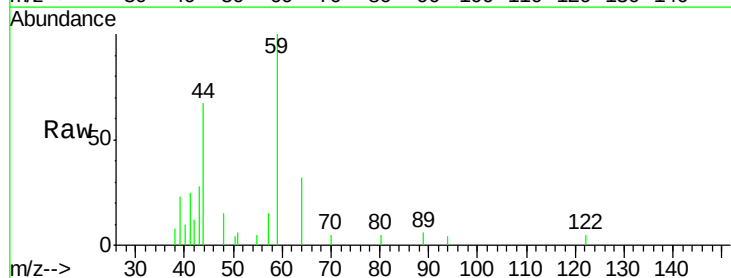


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

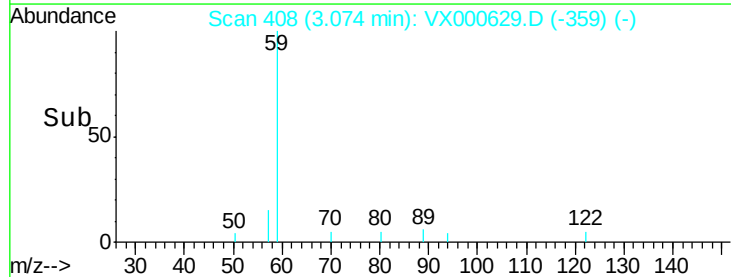
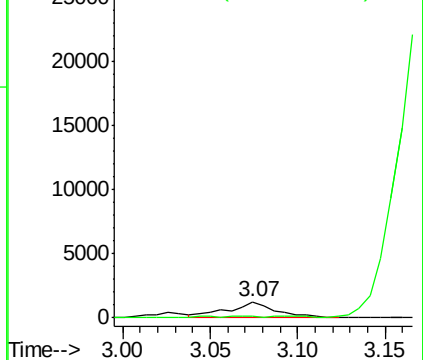


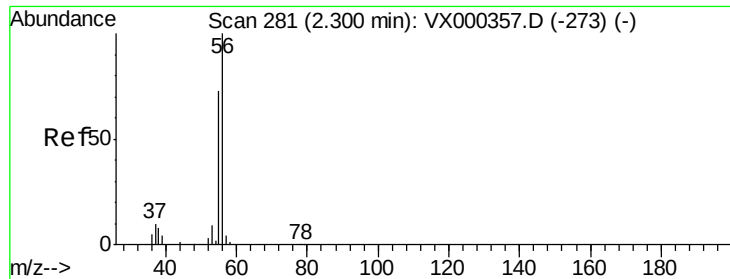
#11
Tert butyl alcohol
Concen: 4.249 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Tgt Ion: 59 Resp: 2448
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 14.936 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

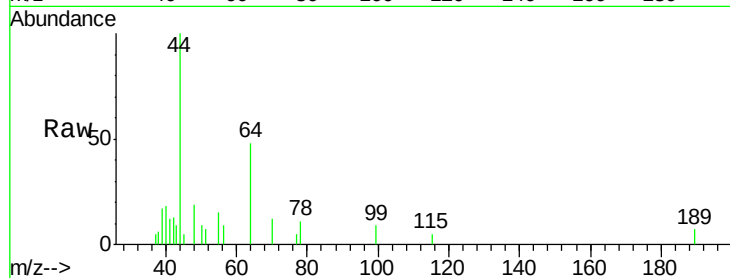
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 70

Ion Ratio Lower Upper

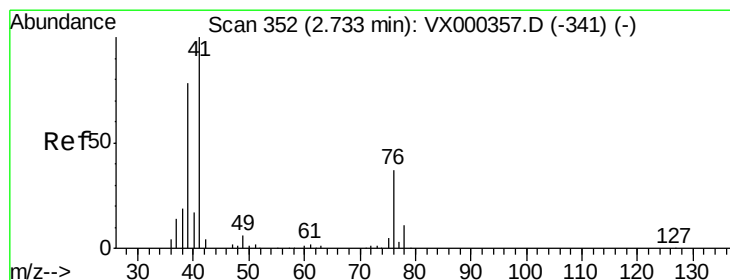
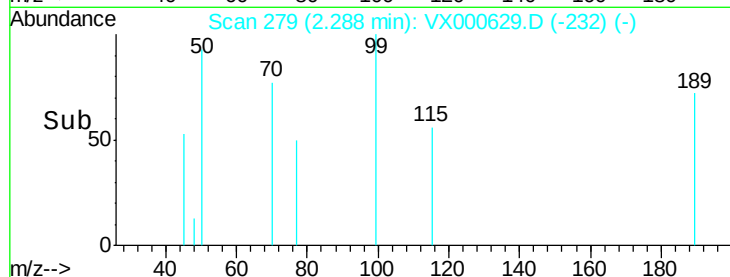
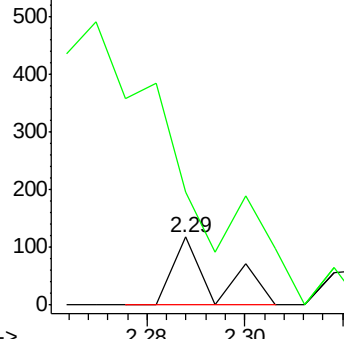
56 100

55 1427.1 58.8 88.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.230 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.05 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

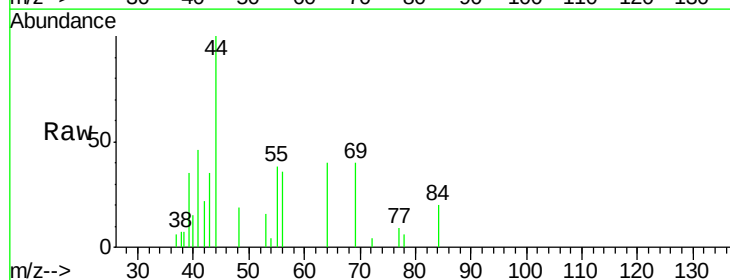
Tgt Ion: 41 Resp: 813

Ion Ratio Lower Upper

41 100

39 100.4 57.6 86.4#

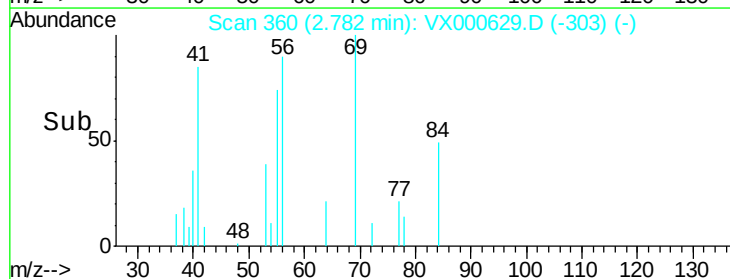
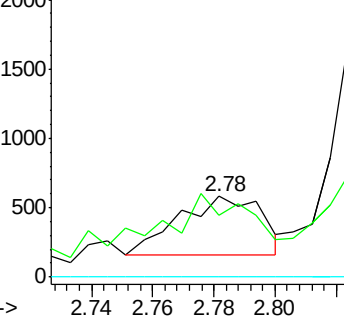
76 0.0 27.3 40.9#

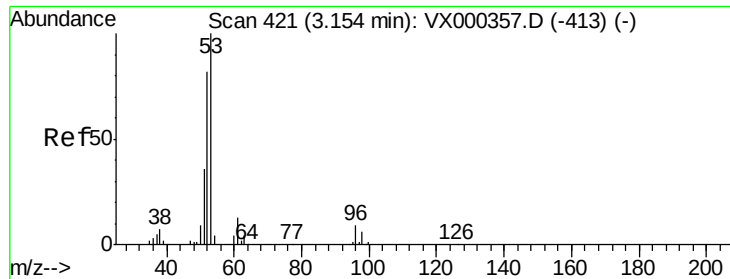


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 2.459 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

Instrument :

MSVOA_X

ClientSampled :

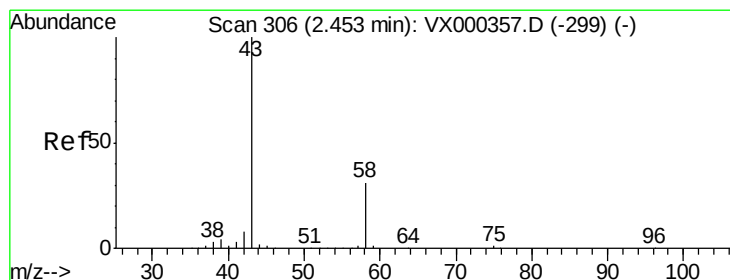
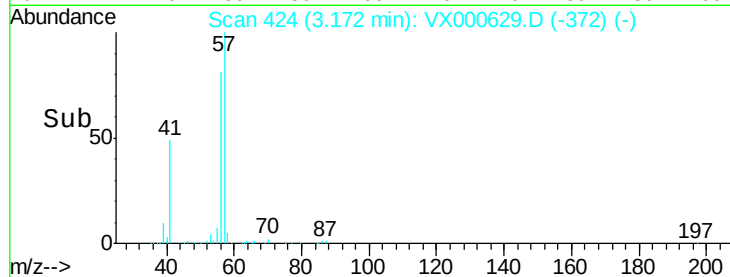
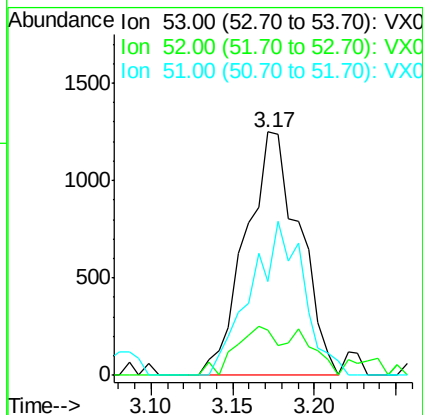
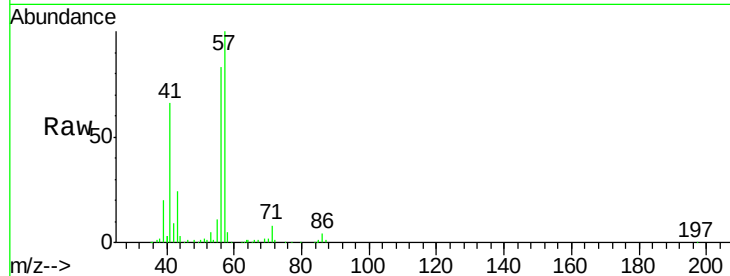
Tot Ion: 53 Resp: 2869

Ion Ratio Lower Upper

53 100

52 15.2 66.6 99.8#

51 61.4 29.3 43.9#



#16

Acetone

Concen: 8.160 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000629.D

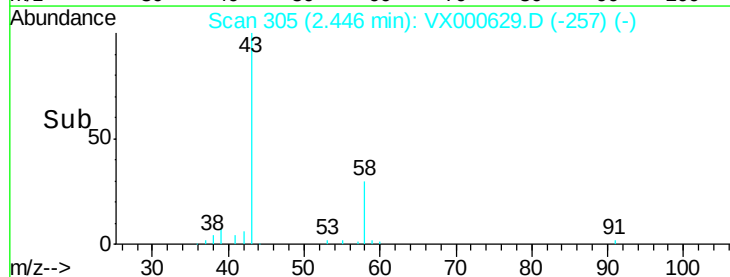
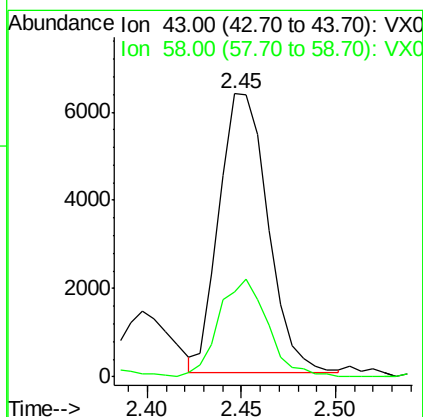
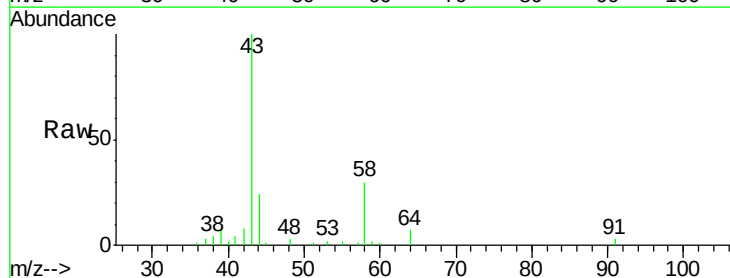
Acq: 01 Apr 2018 07:27

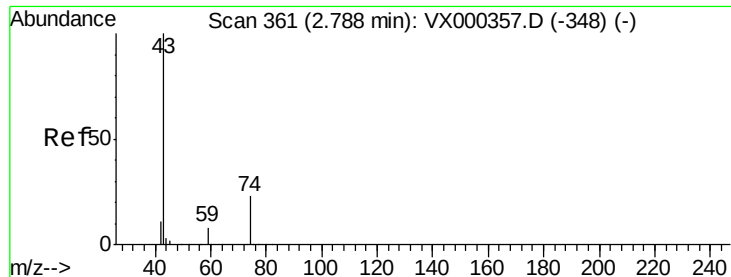
Tgt Ion: 43 Resp: 11369

Ion Ratio Lower Upper

43 100

58 30.6 24.7 37.1

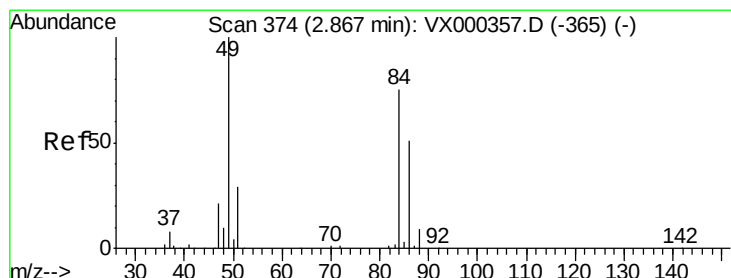
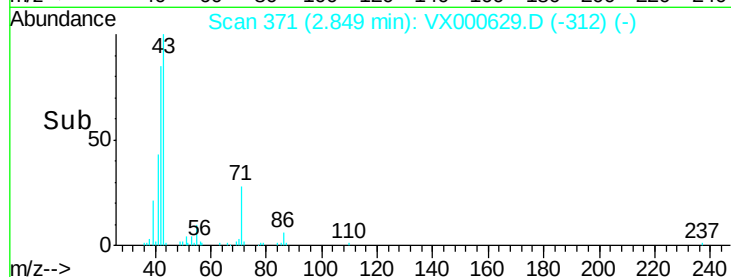
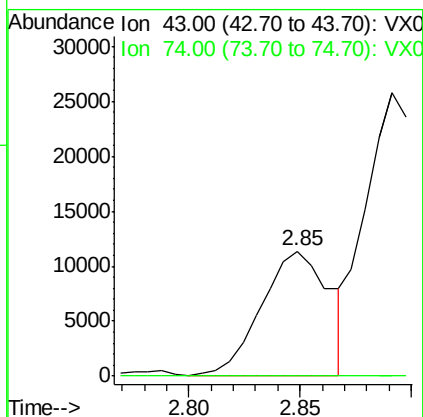
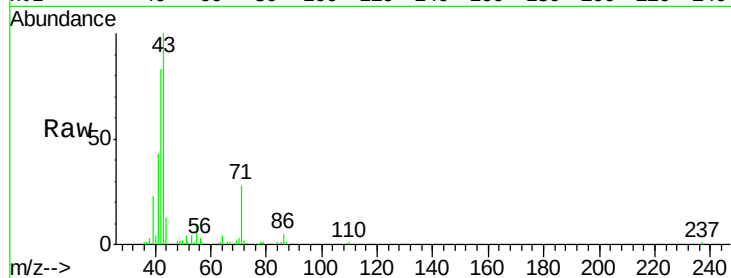




#18
Methyl Acetate
Concen: 8.320 ug/l
RT: 2.85 min Scan# 371
Delta R.T. 0.06 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

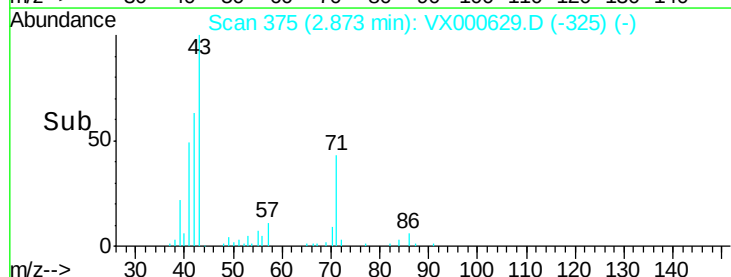
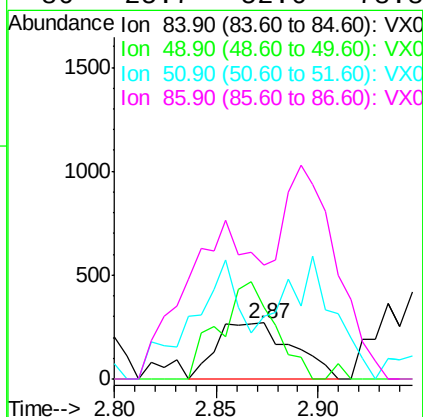
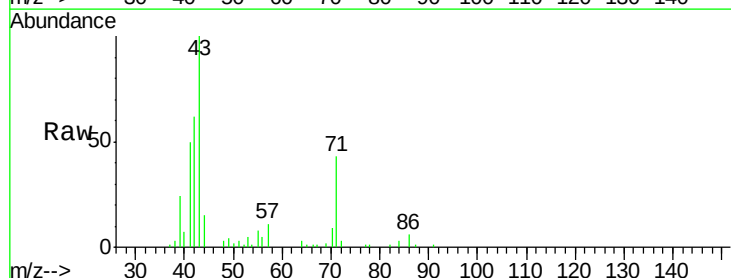
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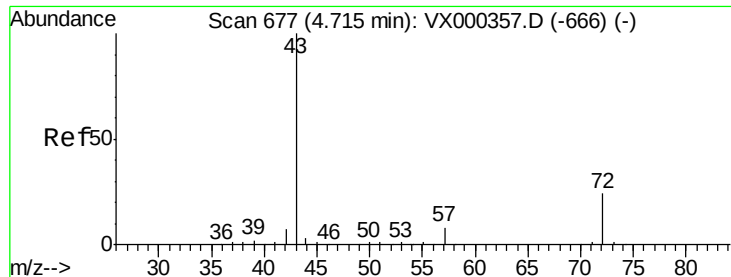
Tot Ion: 43 Resp: 24302
Ion Ratio Lower Upper
43 100
74 0.2 19.4 29.2#



#20
Methylene Chloride
Concen: 0.436 ug/l
RT: 2.87 min Scan# 375
Delta R.T. 0.01 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Tgt Ion: 84 Resp: 701
Ion Ratio Lower Upper
84 100
49 128.6 100.6 151.0
51 0.0 31.6 47.4#
86 25.7 52.6 78.8#





#25

2-Butanone

Concen: 5.775 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

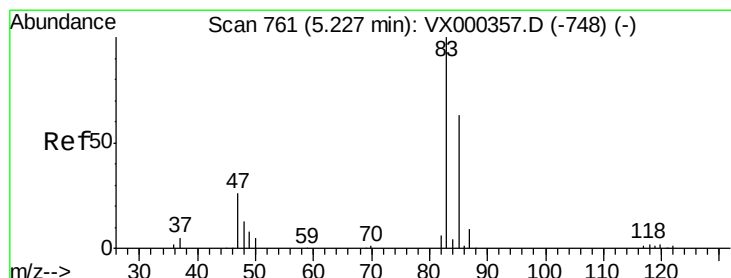
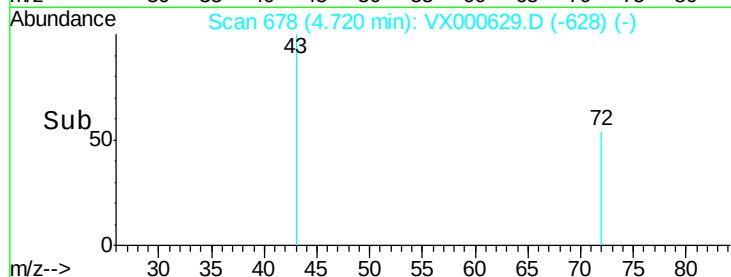
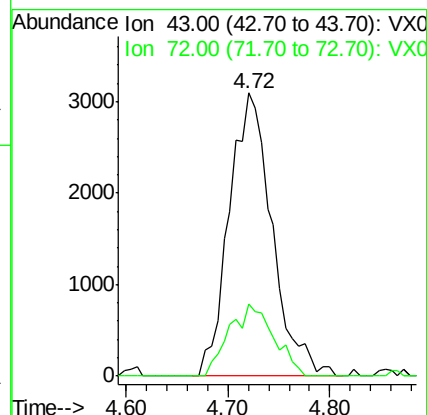
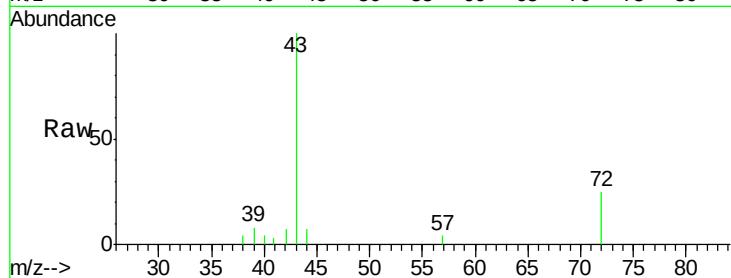
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 9044

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.6



#30

Chloroform

Concen: 1.457 ug/l

RT: 5.28 min Scan# 769

Delta R.T. 0.05 min

Lab File: VX000629.D

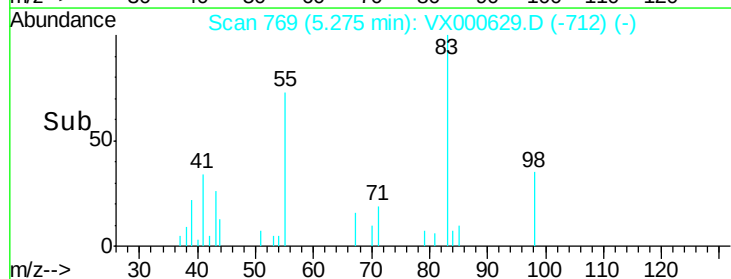
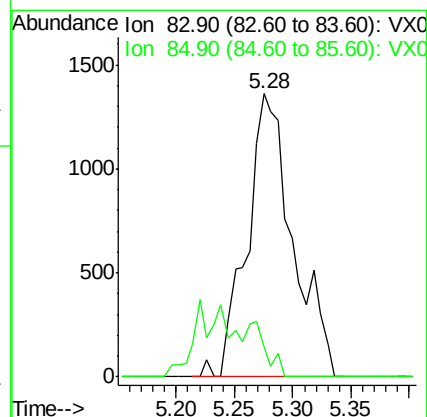
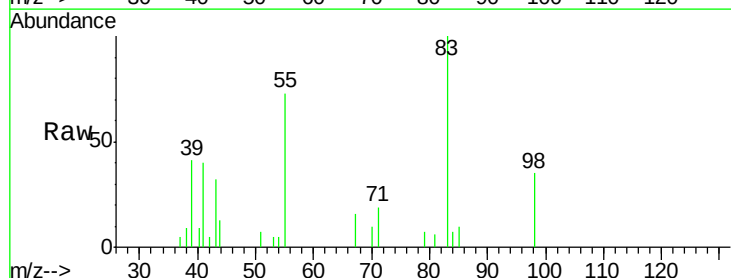
Acq: 01 Apr 2018 07:27

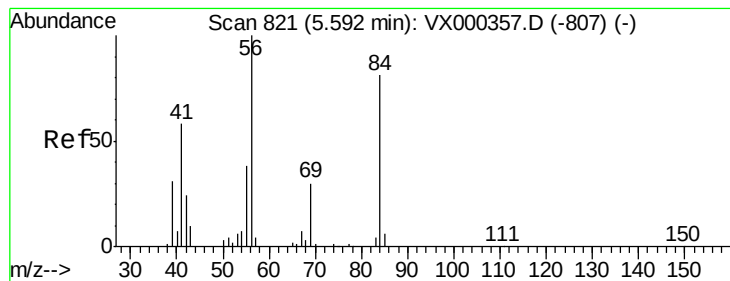
Tgt Ion: 83 Resp: 3732

Ion Ratio Lower Upper

83 100

85 10.4 53.3 79.9#





#31

Cyclohexane

Concen: 12.531 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

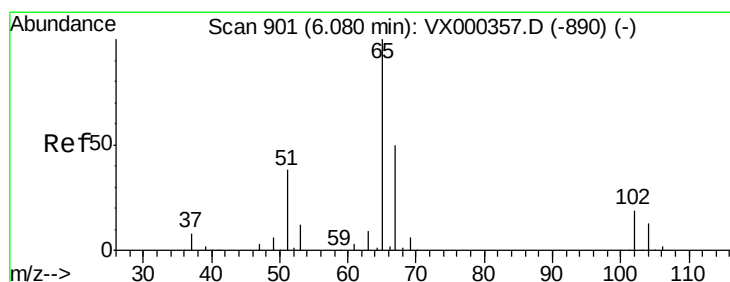
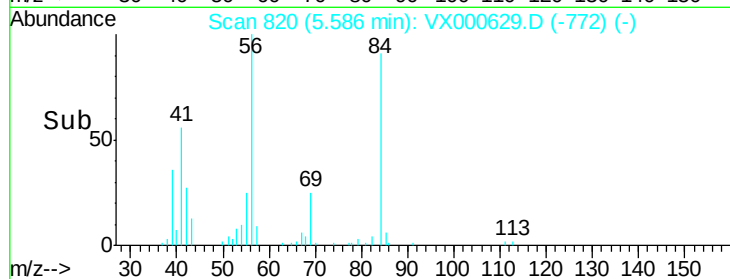
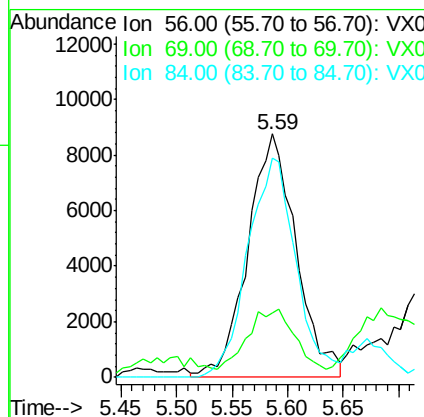
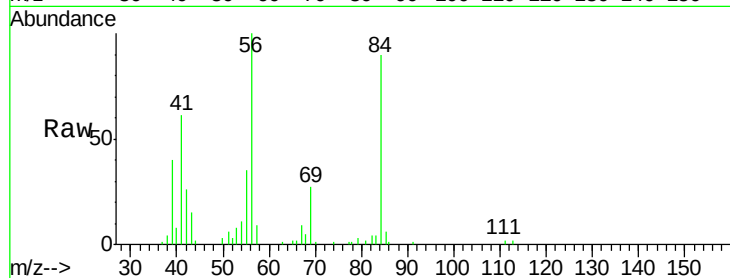
Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 26480

Ion	Ratio	Lower	Upper
56	100		
69	19.1	23.4	35.0#
84	91.7	71.0	106.4



#33

1,2-Dichloroethane-d4

Concen: 50.090 ug/l

RT: 6.08 min Scan# 901

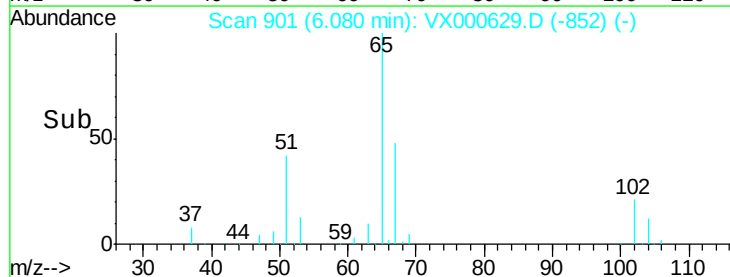
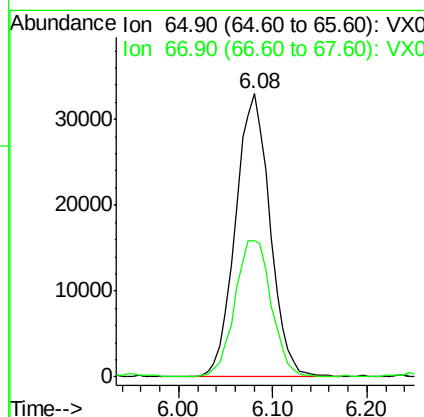
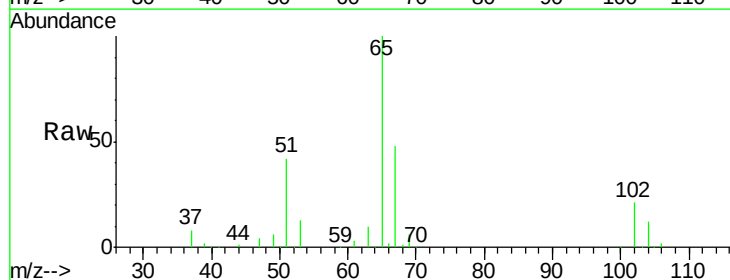
Delta R.T. -0.00 min

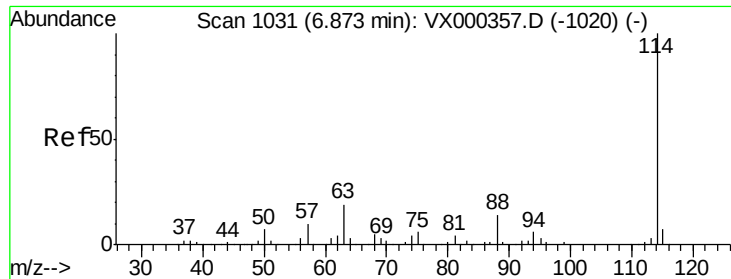
Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

Tgt Ion: 65 Resp: 83894

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

Instrument :

MSVOA_X

ClientSampleId :

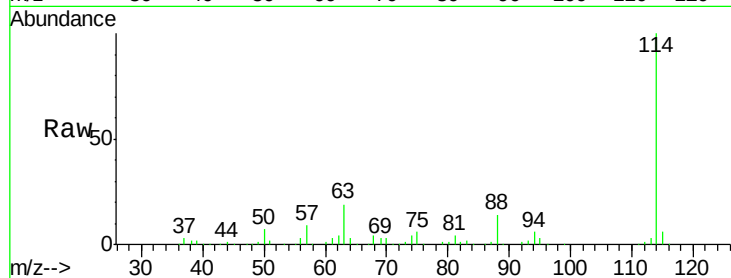
Tot Ion:114 Resp: 21357

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

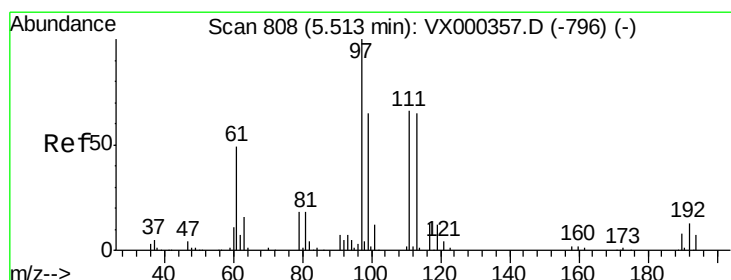
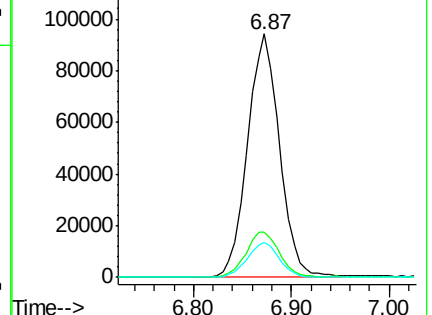
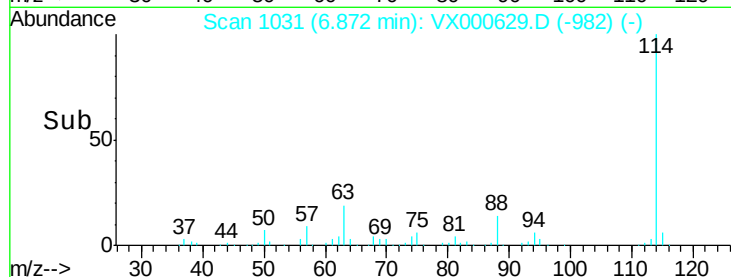
88 14.2 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.645 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

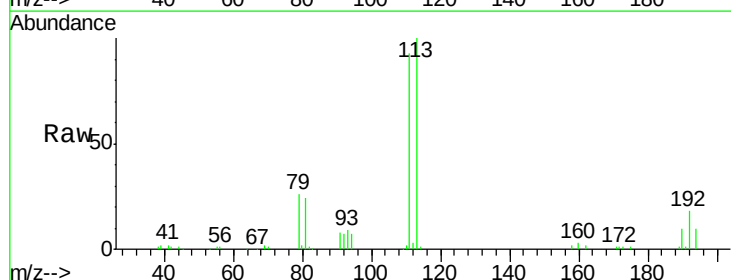
Tgt Ion:113 Resp: 64111

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

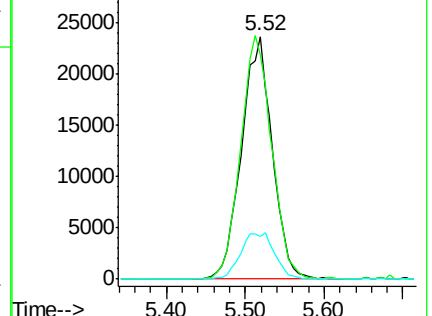
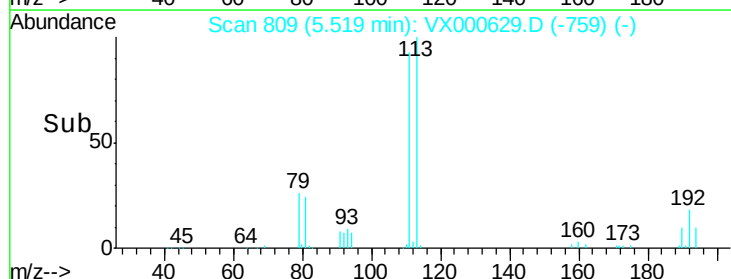
192 21.1 15.8 23.6

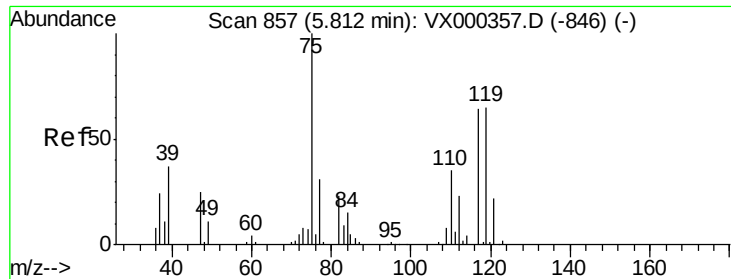


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

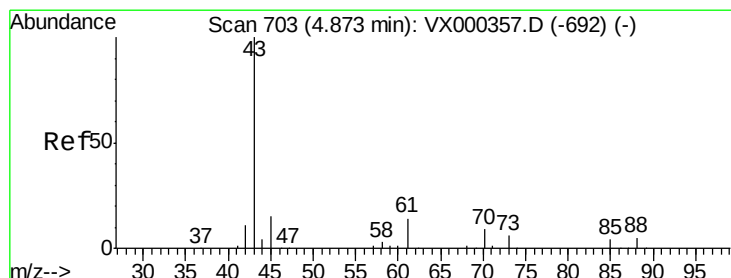
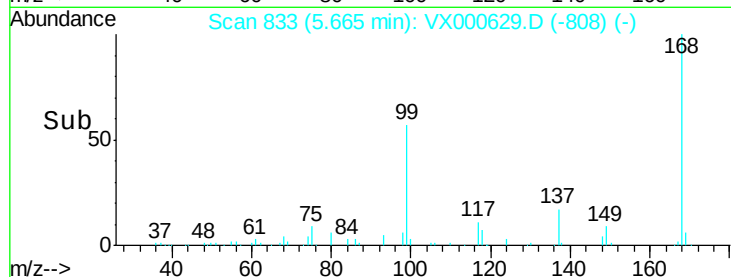
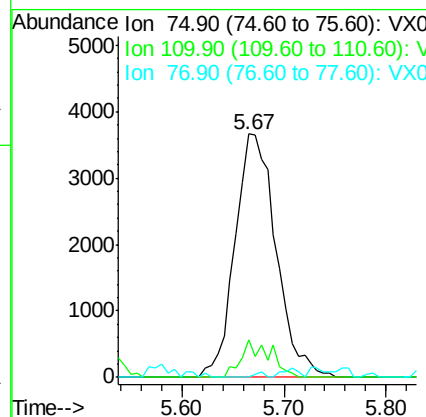
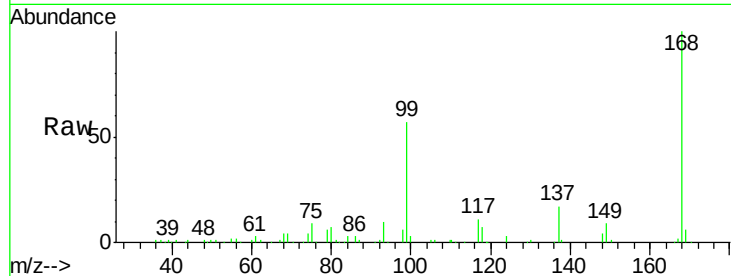




#36
 1,1-Dichloropropene
 Concen: 5.113 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.15 min
 Lab File: VX000629.D
 Acq: 01 Apr 2018 07:27

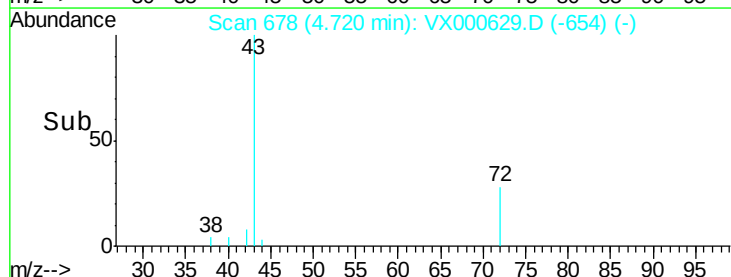
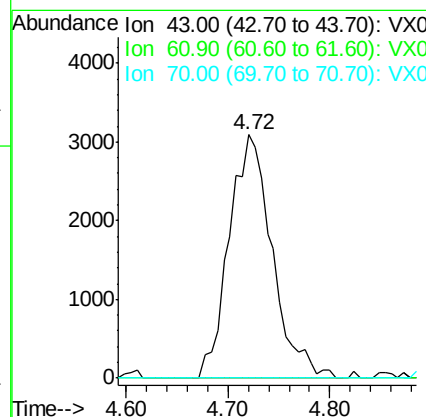
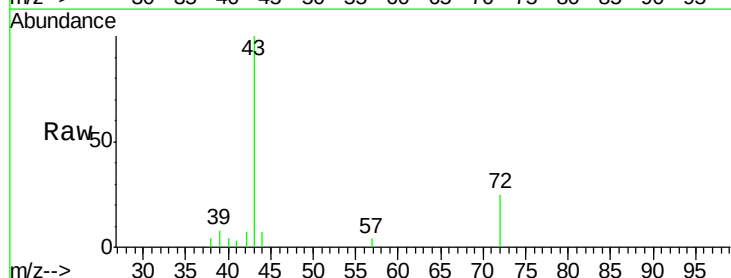
Instrument :
 MSVOA_X
 ClientSampleId :

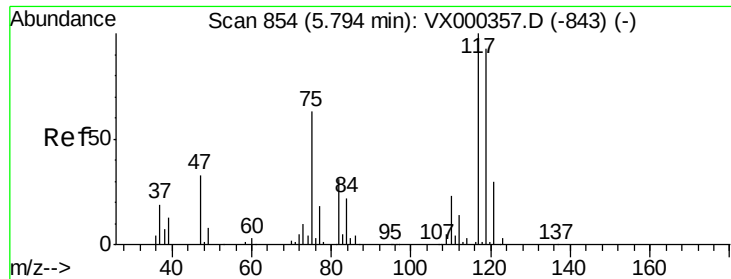
Tot Ion: 75 Resp: 10228
 Ion Ratio Lower Upper
 75 100
 110 10.8 17.9 53.7#
 77 0.5 24.0 36.0#



#37
 Ethyl Acetate
 Concen: 3.310 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.15 min
 Lab File: VX000629.D
 Acq: 01 Apr 2018 07:27

Tgt Ion: 43 Resp: 9044
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.1 16.7#
 70 0.0 7.7 11.5#





#38

Carbon Tetrachloride

Concen: 6.185 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

Instrument :

MSVOA_X

ClientSampleId :

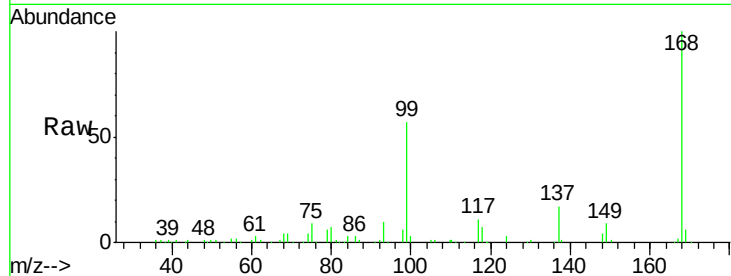
Tot Ion:117 Resp: 12980

Ion Ratio Lower Upper

117 100

119 7.1 77.4 116.2#

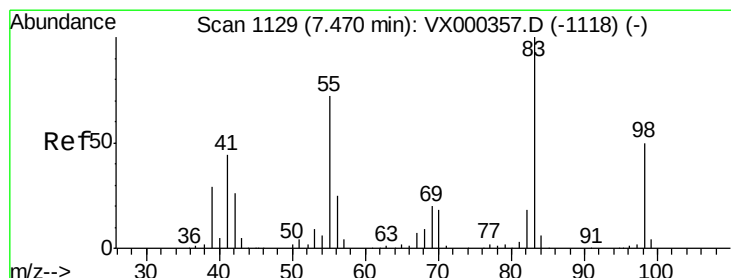
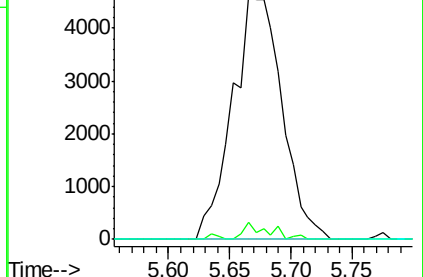
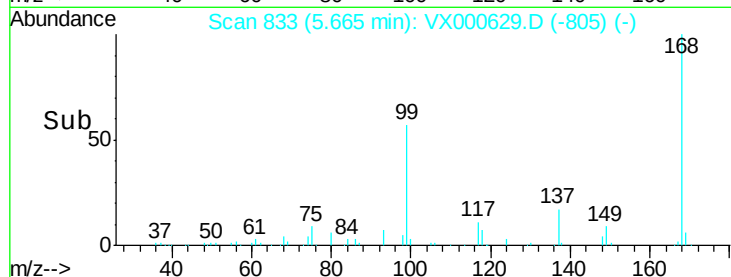
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 27.511 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

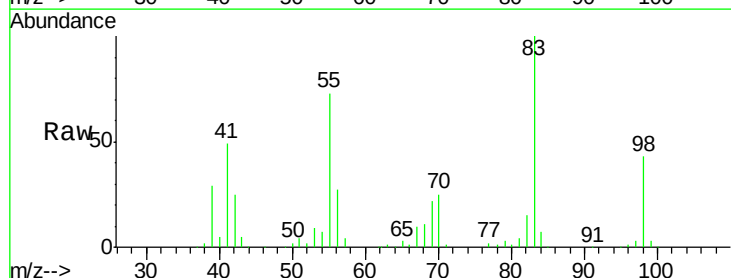
Tgt Ion: 83 Resp: 66929

Ion Ratio Lower Upper

83 100

55 72.2 55.5 83.3

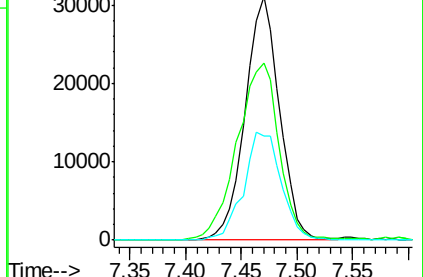
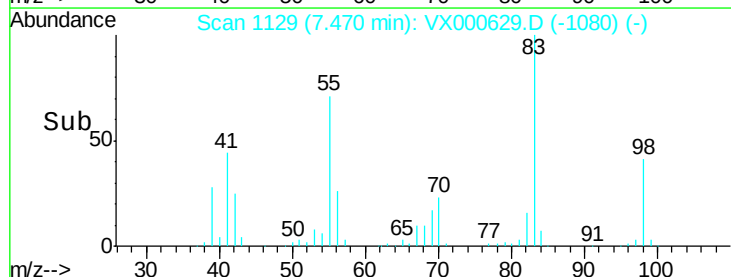
98 43.0 38.2 57.4

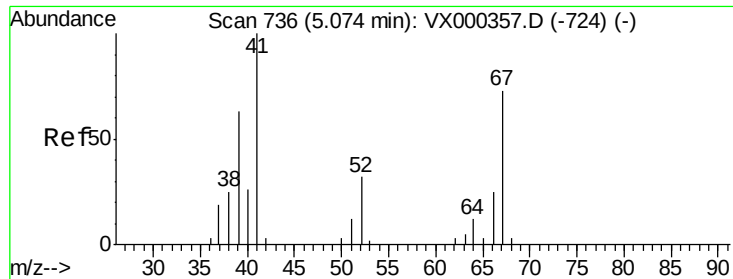


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#41

Methacrylonitrile

Concen: 0.539 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 777

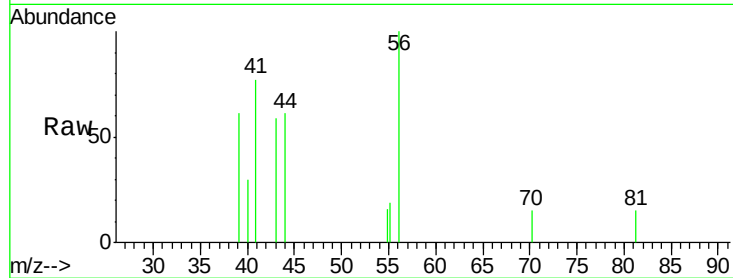
Ion Ratio Lower Upper

41 100

39 24.7 45.7 68.5#

67 0.0 57.8 86.8#

52 0.0 26.7 40.1#



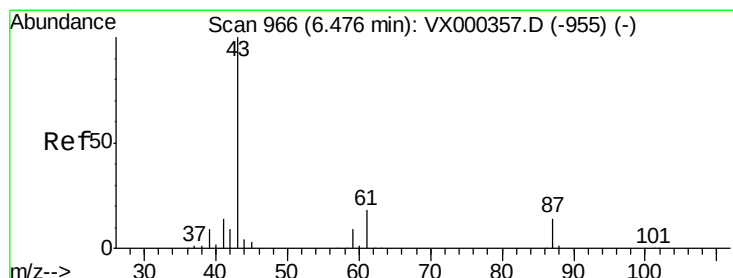
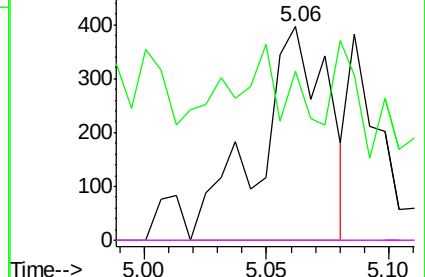
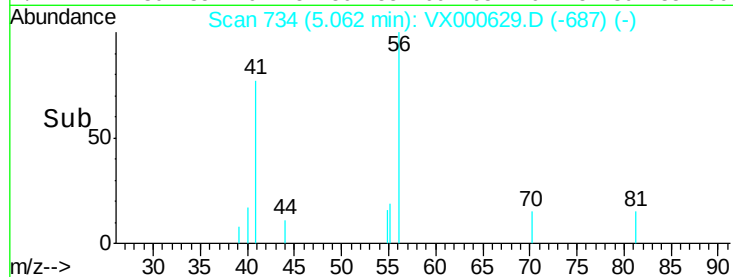
Abundance Ion 41.00 (40.70 to 41.70): VX0

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-->



#43

Isopropyl Acetate

Concen: 0.564 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

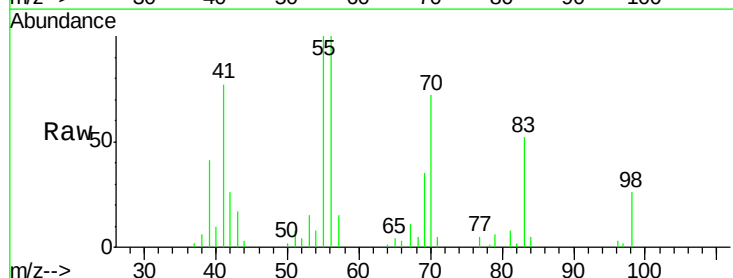
Tgt Ion: 43 Resp: 2294

Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

87 0.0 11.0 16.4#

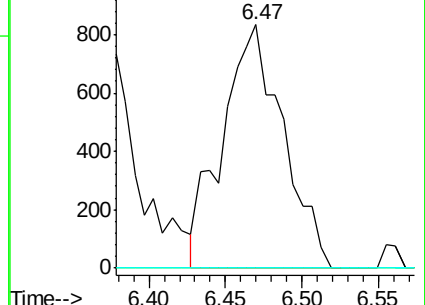
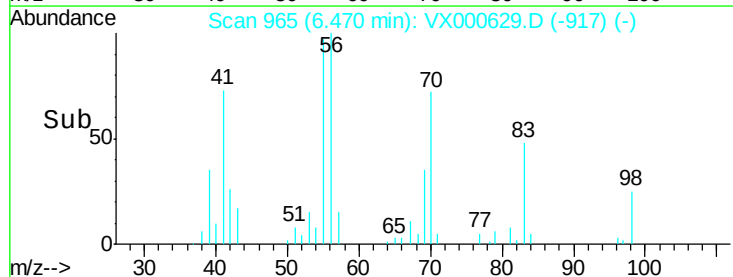


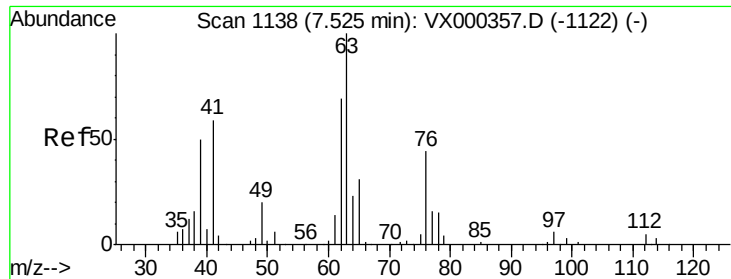
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Time-->

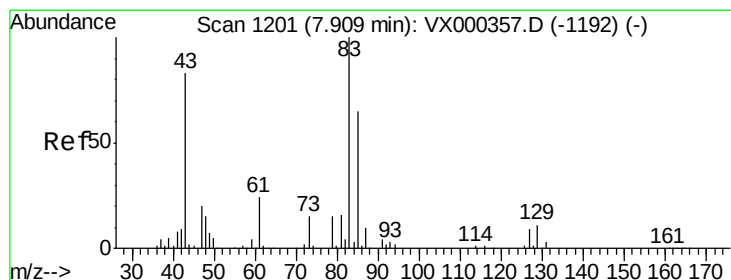
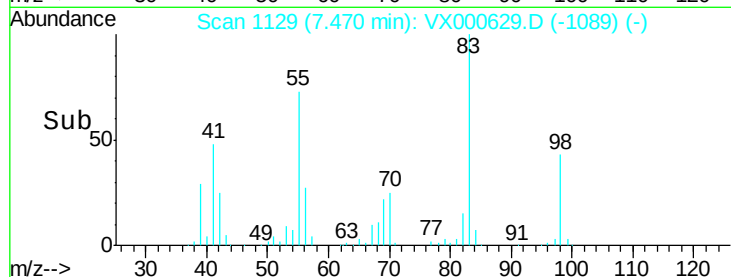
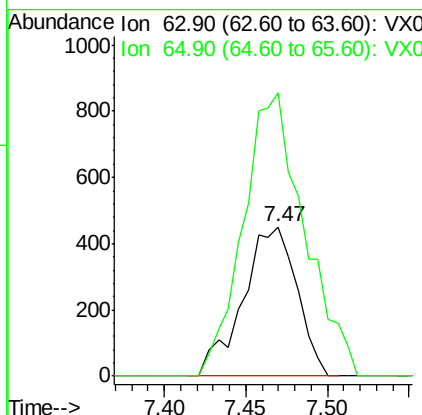
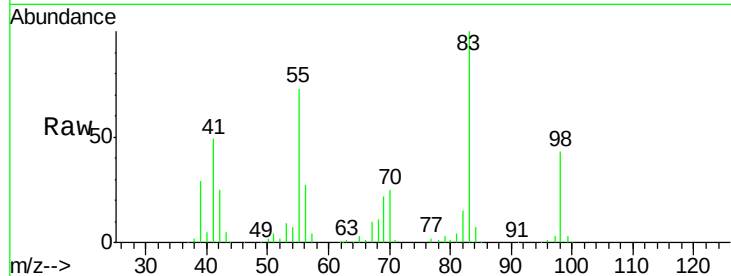




#45
 1,2-Dichloropropane
 Concen: 0.695 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. -0.06 min
 Lab File: VX000629.D
 Acq: 01 Apr 2018 07:27

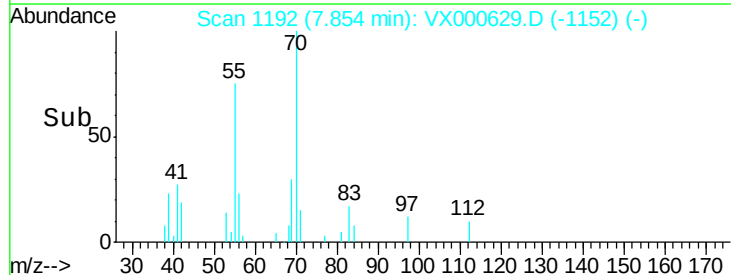
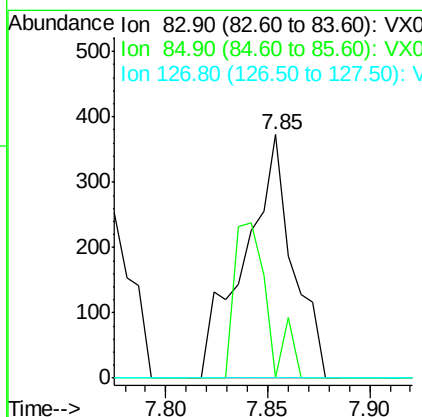
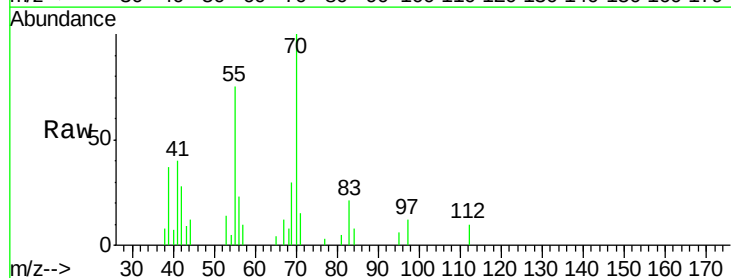
Instrument :
 MSVOA_X
 ClientSampleId :

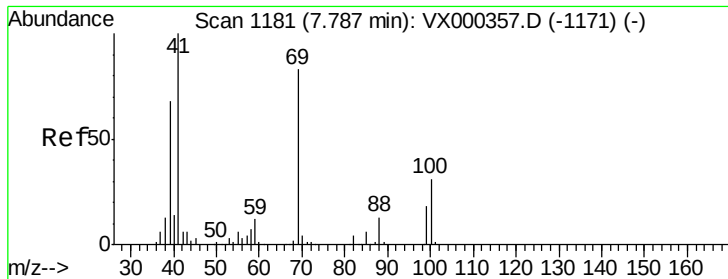
Tot Ion: 63 Resp: 1034
 Ion Ratio Lower Upper
 63 100
 65 189.6 24.6 36.8#



#47
 Bromodichloromethane
 Concen: 0.300 ug/l
 RT: 7.85 min Scan# 1192
 Delta R.T. -0.06 min
 Lab File: VX000629.D
 Acq: 01 Apr 2018 07:27

Tgt Ion: 83 Resp: 616
 Ion Ratio Lower Upper
 83 100
 85 0.0 51.4 77.0#
 127 0.0 7.0 10.6#

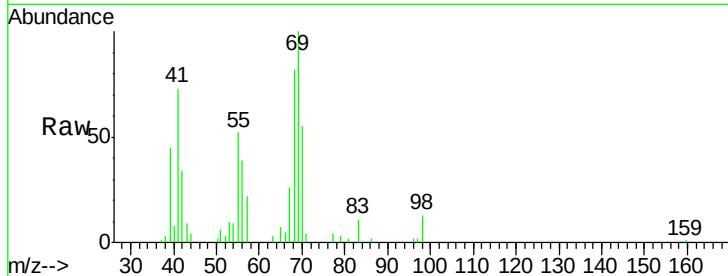




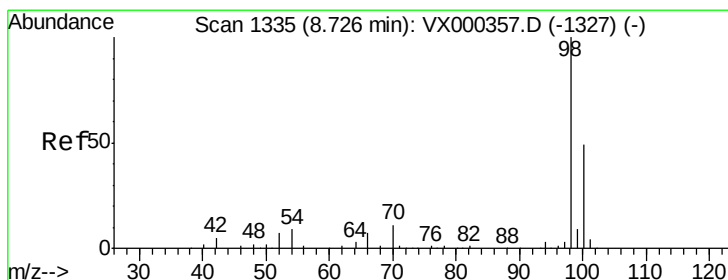
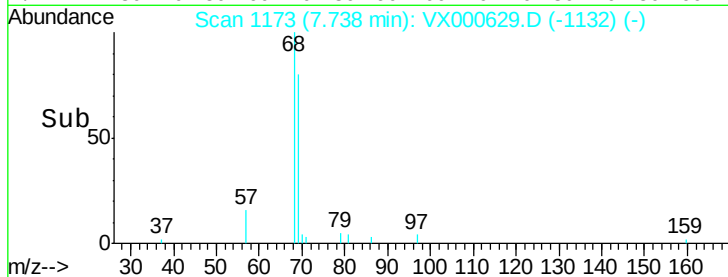
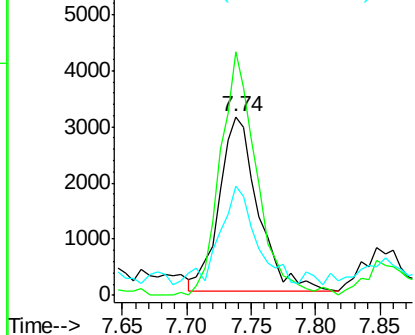
#48
Methvl methacrylate
Concen: 3.302 ug/l
RT: 7.74 min Scan# 1173
Delta R.T. -0.05 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 6521
Ion Ratio Lower Upper
41 100
69 131.8 68.2 102.4#
39 53.0 54.6 81.8#

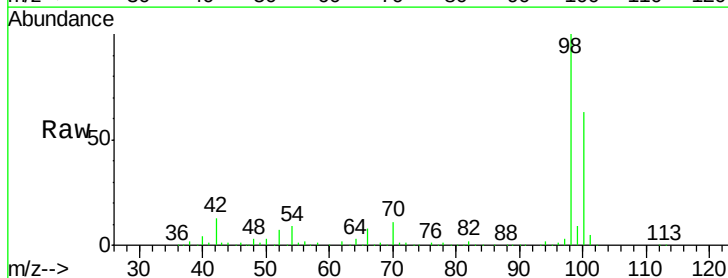


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

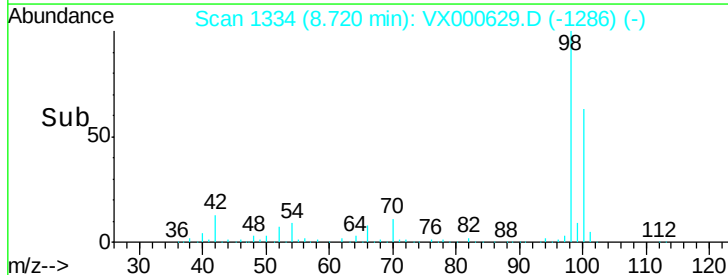
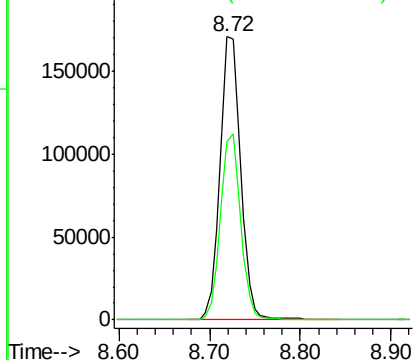


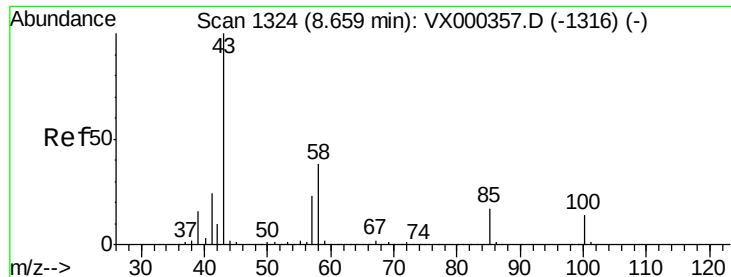
#50
Toluene-d8
Concen: 49.108 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Tgt Ion: 98 Resp: 273678
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.524 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

Instrument :

MSVOA_X

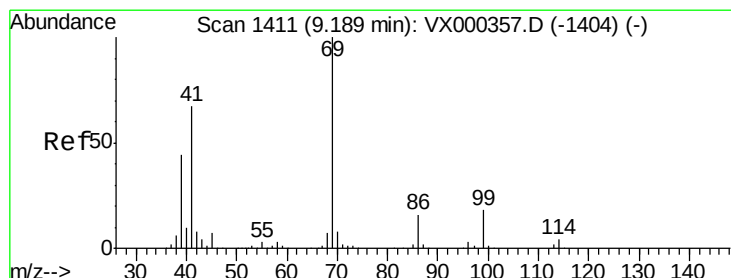
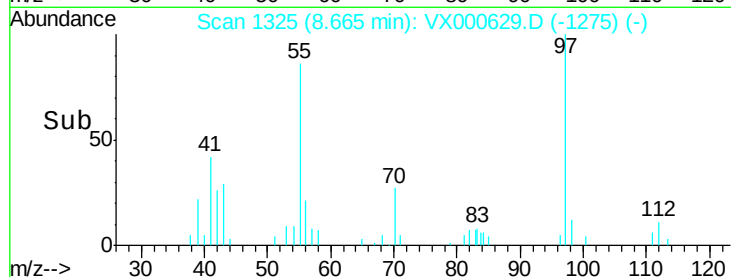
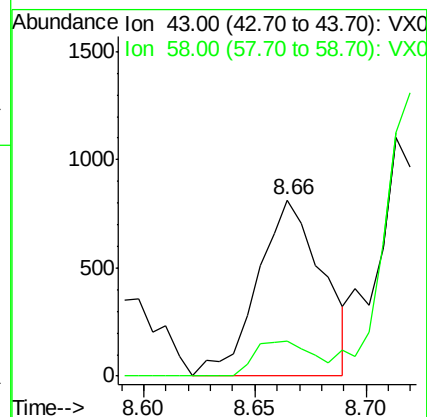
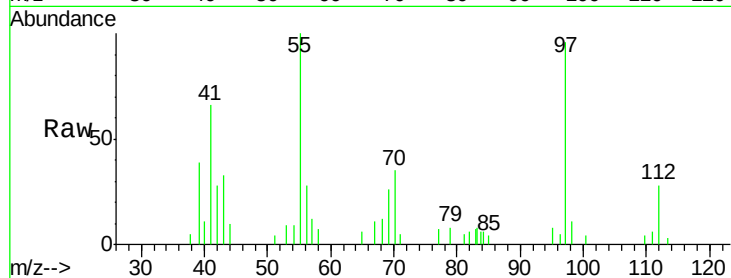
ClientSampled :

Tot Ion: 43 Resp: 1650

Ion Ratio Lower Upper

43 100

58 17.9 30.3 45.5#



#56

Ethyl methacrylate

Concen: 1.078 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.02 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

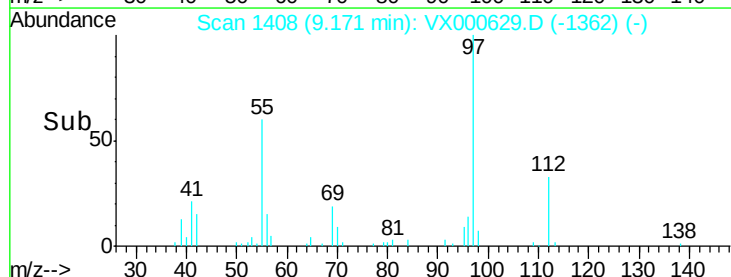
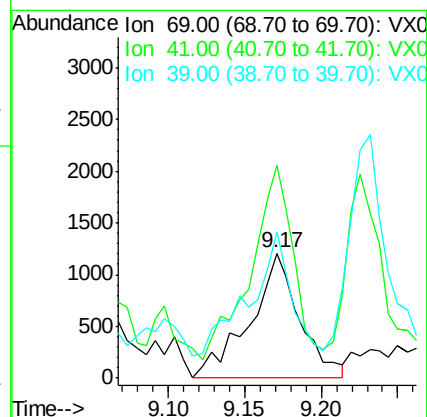
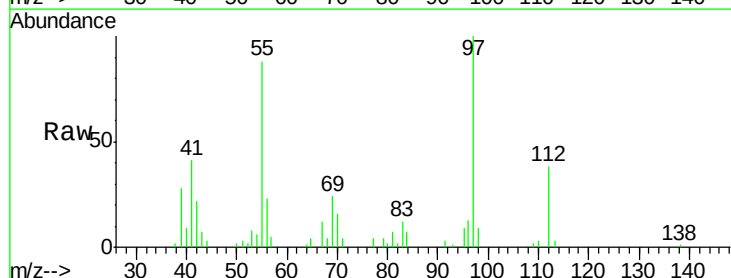
Tgt Ion: 69 Resp: 2728

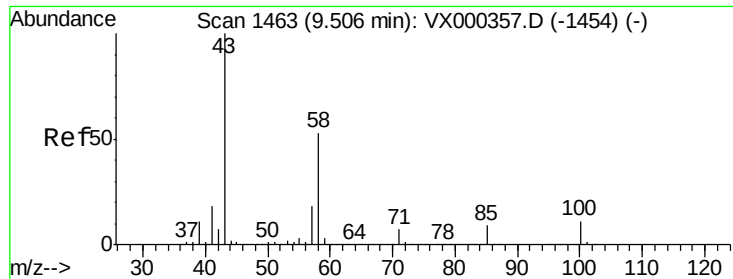
Ion Ratio Lower Upper

69 100

41 132.6 53.0 79.6#

39 83.3 35.3 52.9#

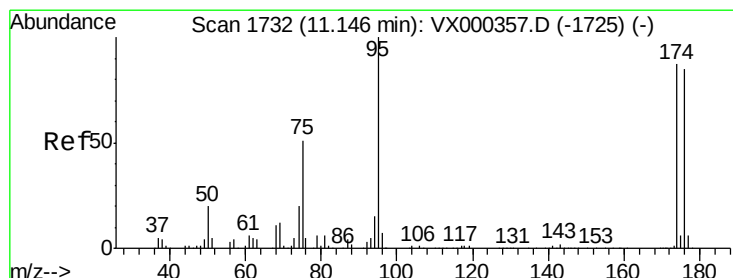
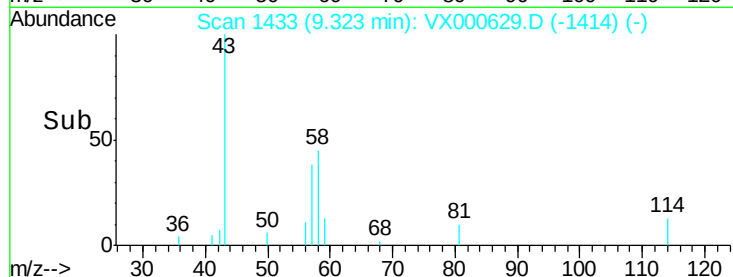
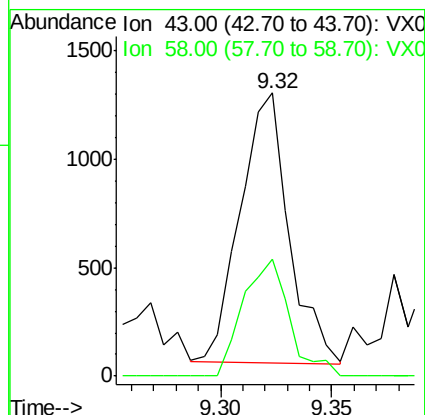
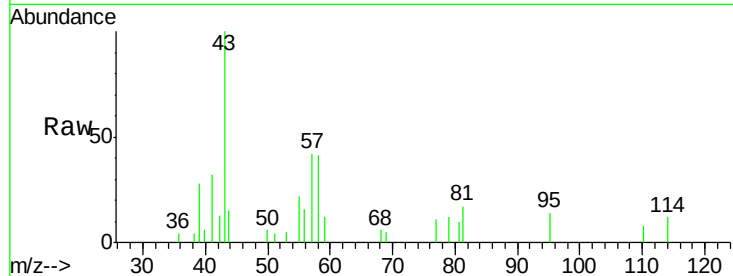




#59
2-Hexanone
Concen: 0.714 ug/l
RT: 9.32 min Scan# 1433
Delta R.T. -0.18 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

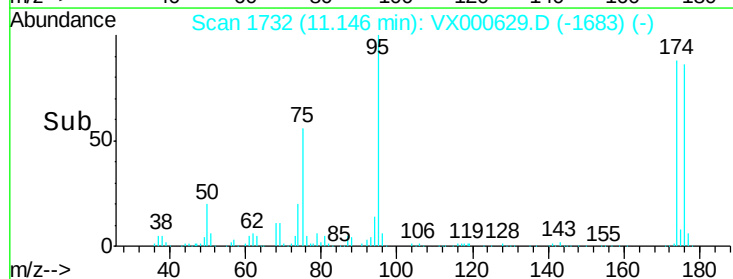
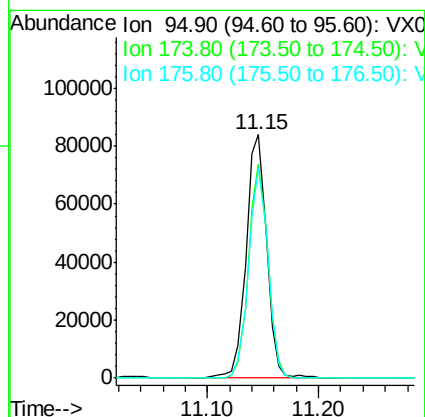
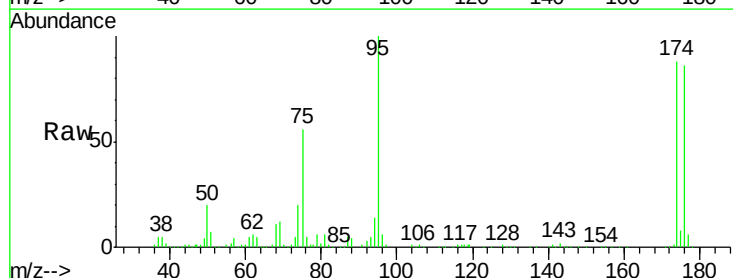
Instrument :
MSVOA_X
ClientSampled :

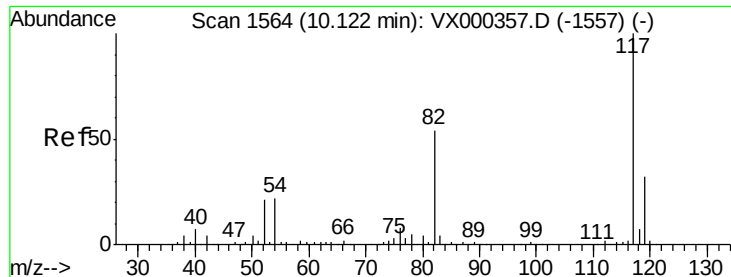
Tot Ion: 43 Resp: 1908
Ion Ratio Lower Upper
43 100
58 41.4 26.6 79.7



#62
4-Bromofluorobenzene
Concen: 46.163 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Tgt Ion: 95 Resp: 107448
Ion Ratio Lower Upper
95 100
174 82.9 0.0 173.6
176 81.5 0.0 164.6

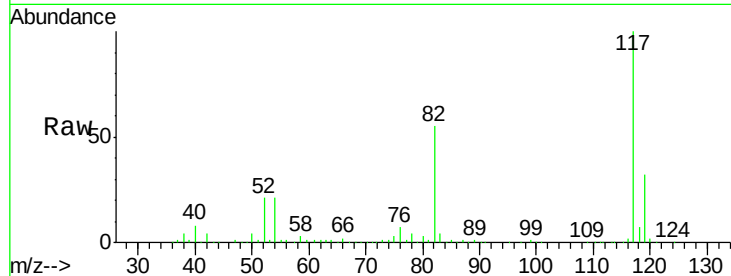




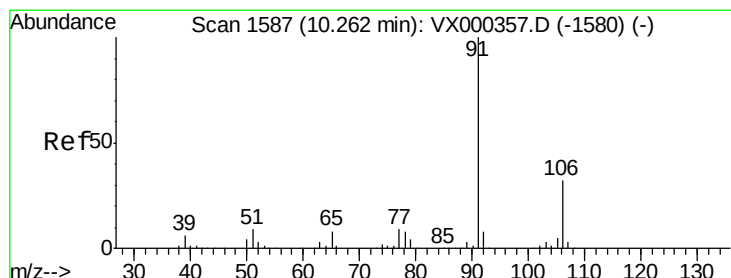
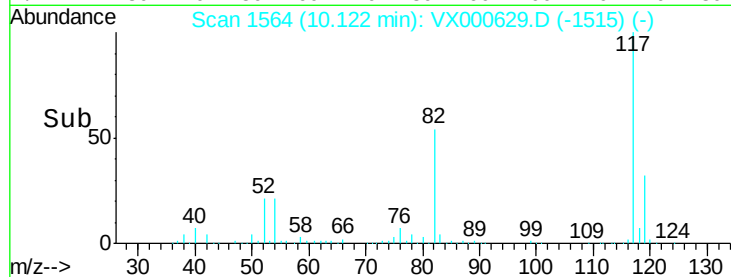
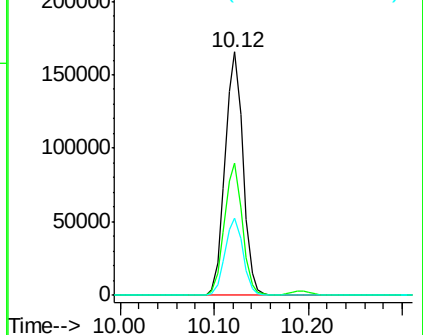
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 219375
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 31.8 24.9 37.3

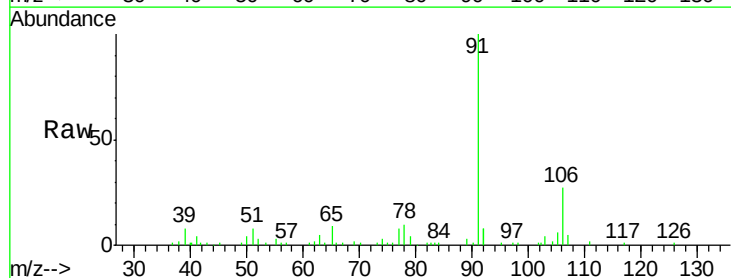


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

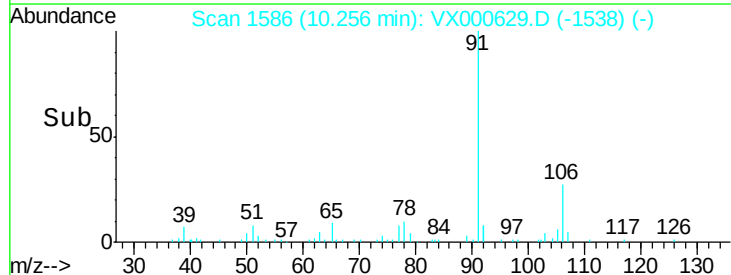
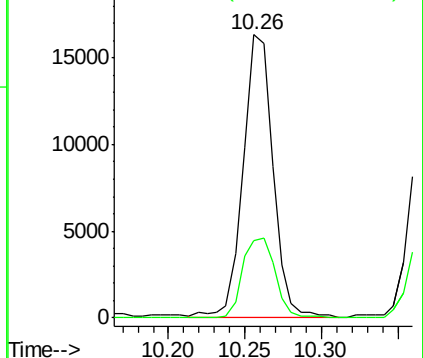


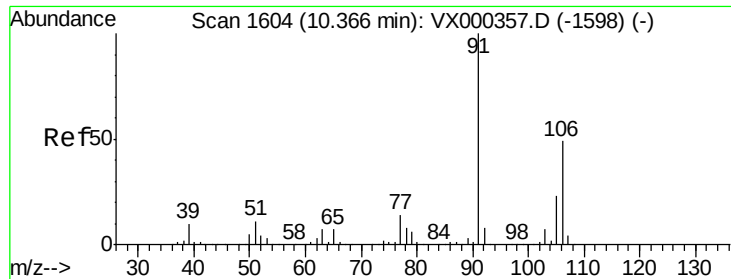
#67
Ethyl Benzene
Concen: 2.689 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Tgt Ion: 91 Resp: 22251
Ion Ratio Lower Upper
91 100
106 27.5 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

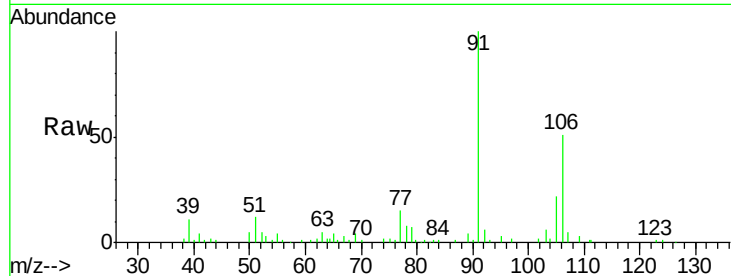




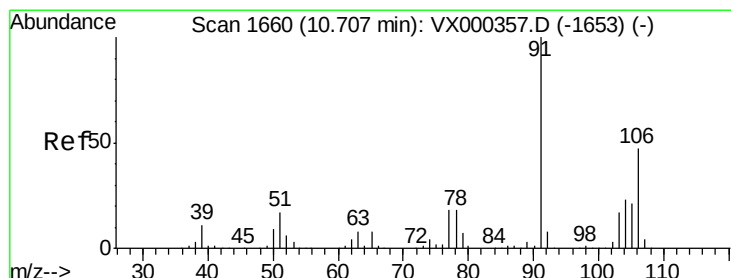
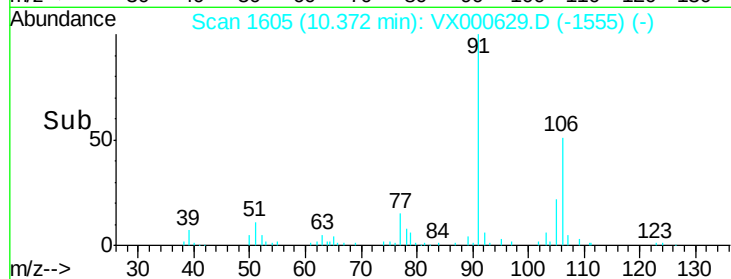
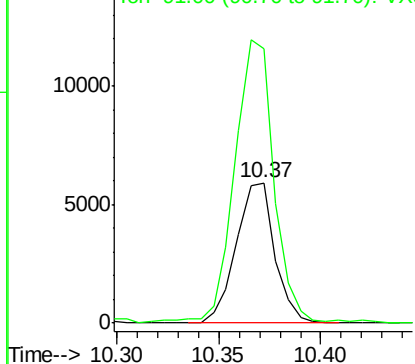
#68
m/p-Xylenes
Concen: 2.390 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 7783
Ion Ratio Lower Upper
106 100
91 205.3 163.4 245.2

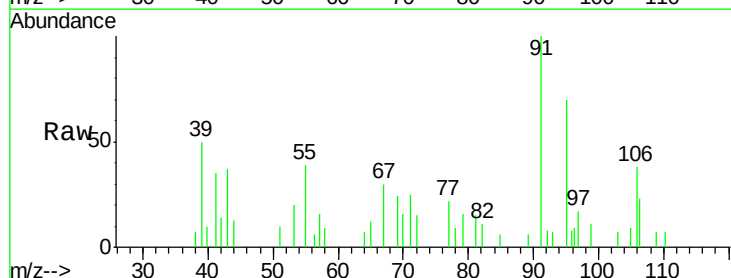


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

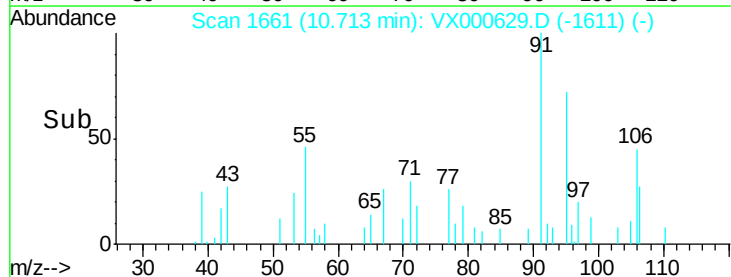
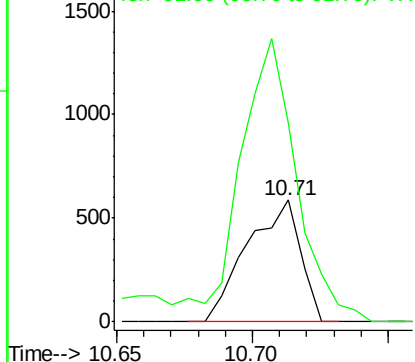


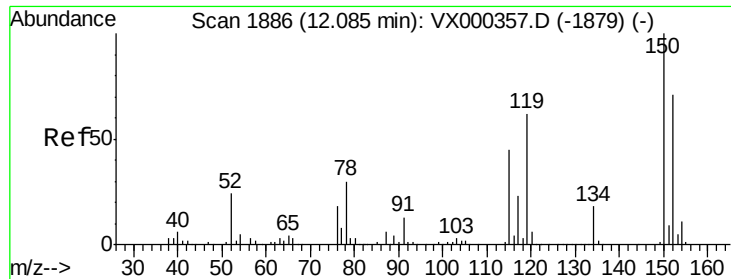
#69
o-Xylene
Concen: 0.252 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.01 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Tgt Ion:106 Resp: 795
Ion Ratio Lower Upper
106 100
91 247.8 106.5 319.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

Instrument :

MSVOA_X

ClientSampleId :

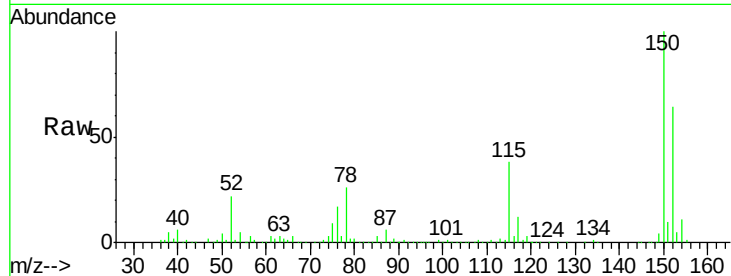
Tot Ion:152 Resp: 132318

Ion Ratio Lower Upper

152 100

115 57.4 39.8 119.3

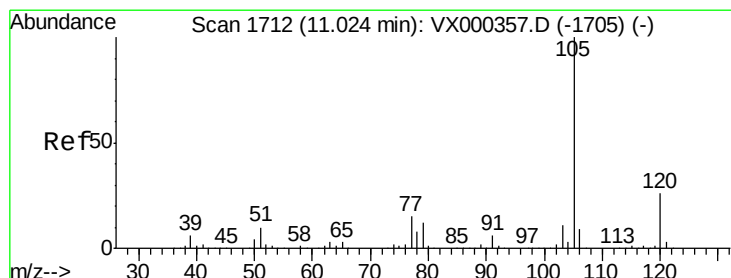
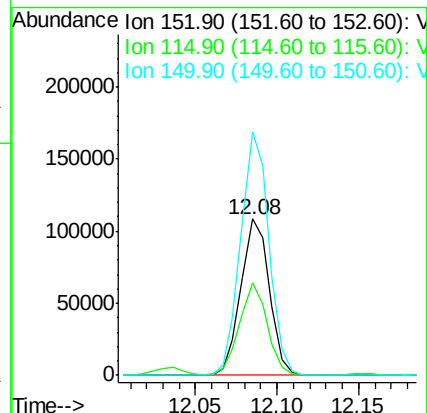
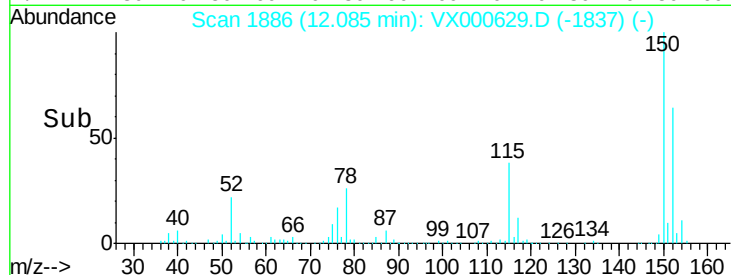
150 154.6 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 4.226 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000629.D

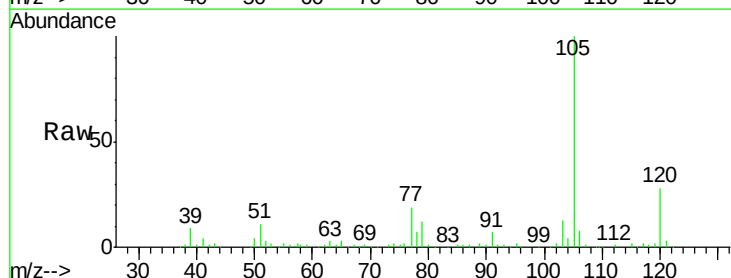
Acq: 01 Apr 2018 07:27

Tgt Ion:105 Resp: 37053

Ion Ratio Lower Upper

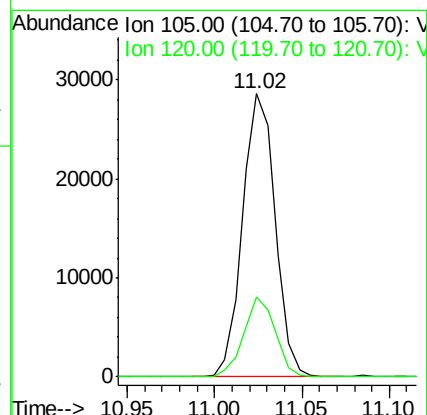
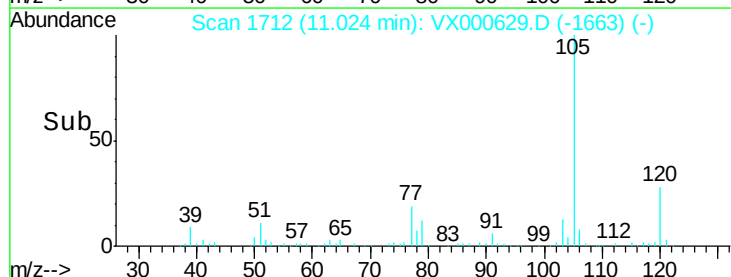
105 100

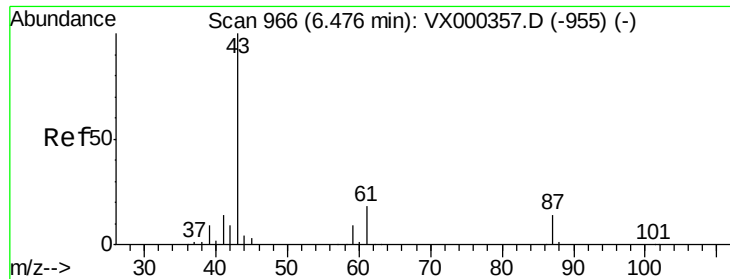
120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

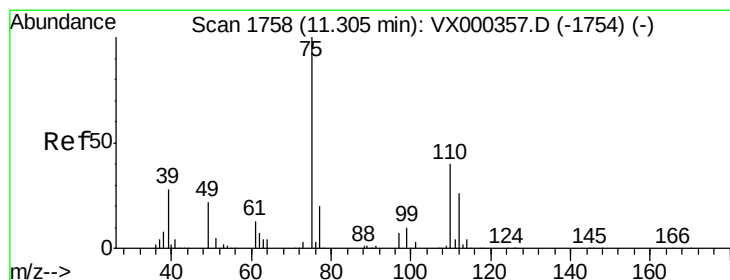
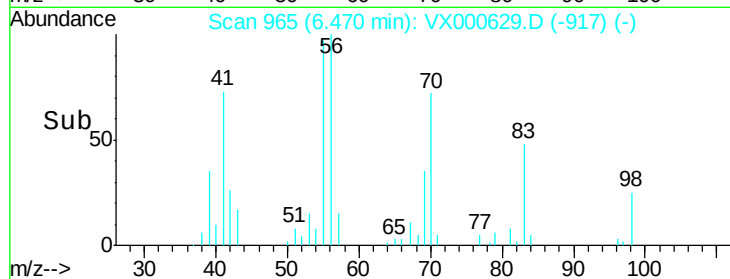
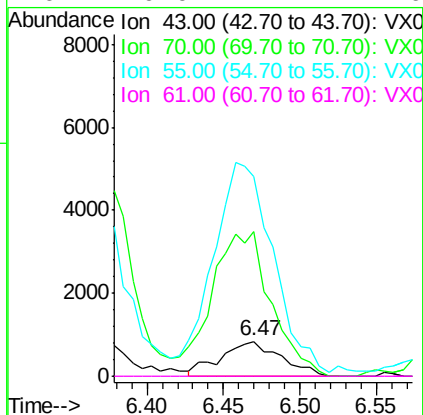
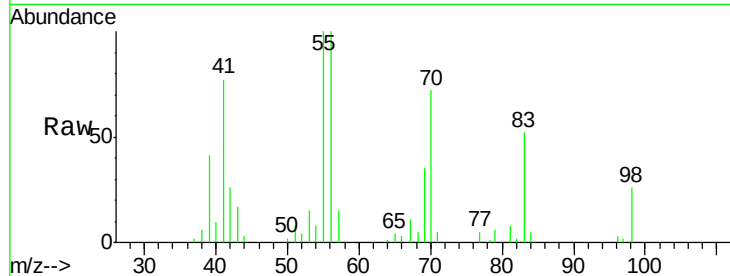




#74
N-amvl acetate
Concen: Below Cal
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

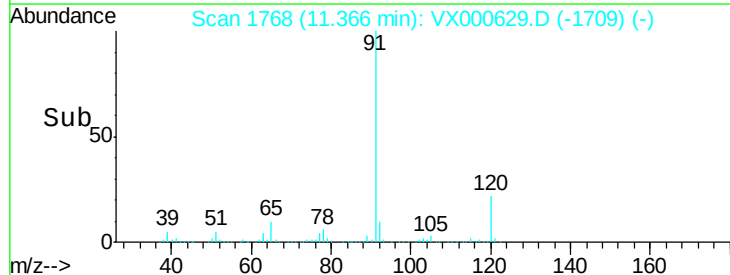
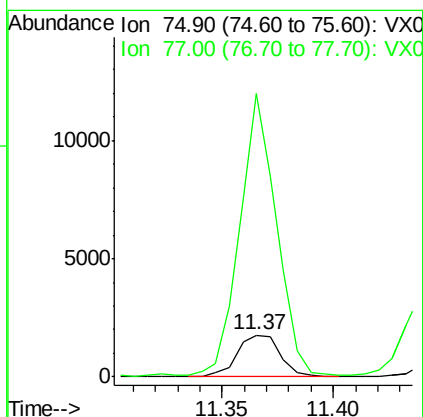
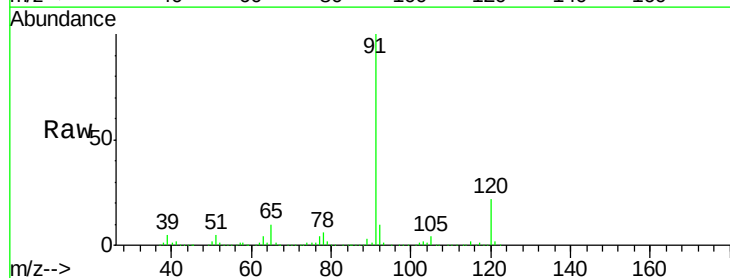
Instrument :
MSVOA_X
ClientSampleId :

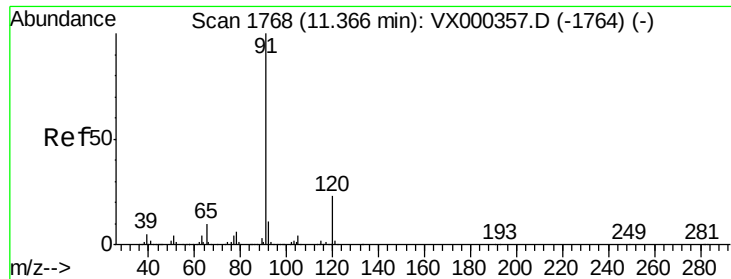
Tot Ion: 43 Resp: 2294
Ion Ratio Lower Upper
43 100
70 414.1 0.0 0.0#
55 597.4 0.0 0.0#
61 0.0 14.4 21.6#



#76
1,2,3-Trichloropropane
Concen: 0.843 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.06 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Tgt Ion: 75 Resp: 2396
Ion Ratio Lower Upper
75 100
77 584.1 21.4 64.2#





#78

n-propylbenzene

Concen: 30.223 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

Instrument :

MSVOA_X

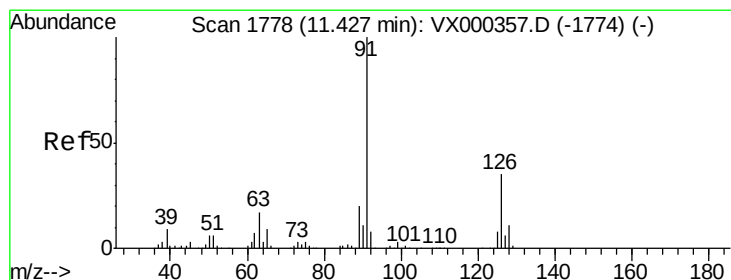
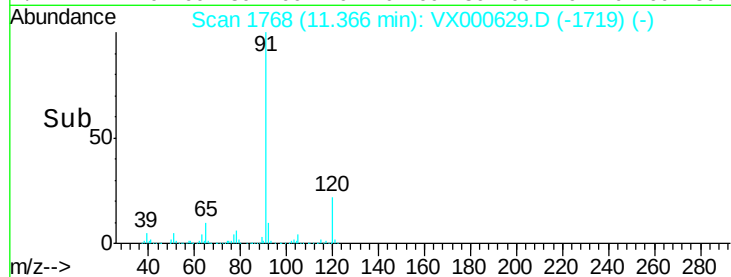
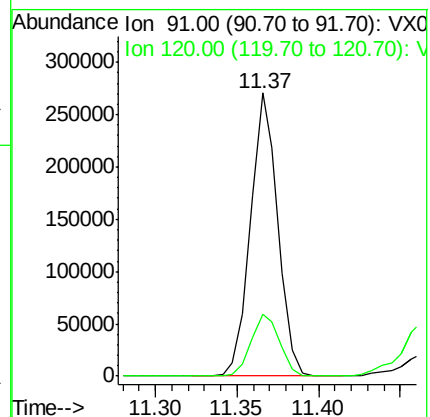
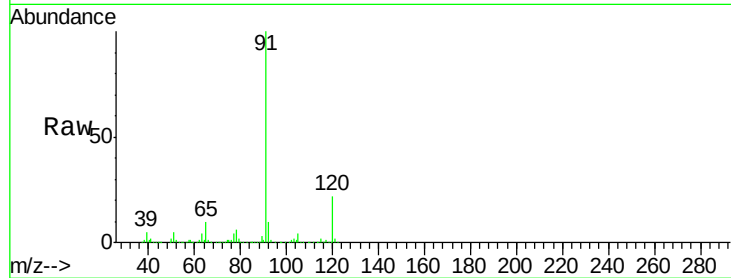
ClientSampled :

Tot Ion: 91 Resp: 315936

Ion Ratio Lower Upper

91 100

120 22.8 11.8 35.3



#79

2-Chlorotoluene

Concen: 4.689 ug/l

RT: 11.46 min Scan# 1784

Delta R.T. 0.04 min

Lab File: VX000629.D

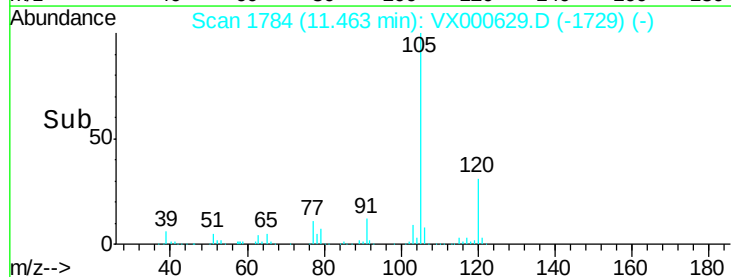
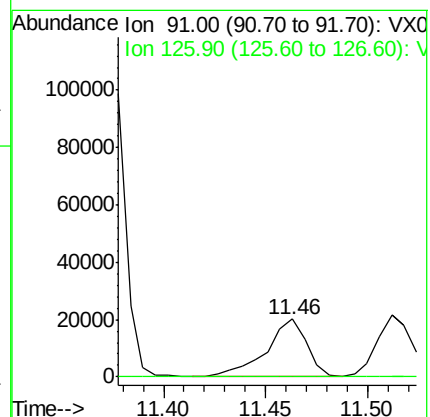
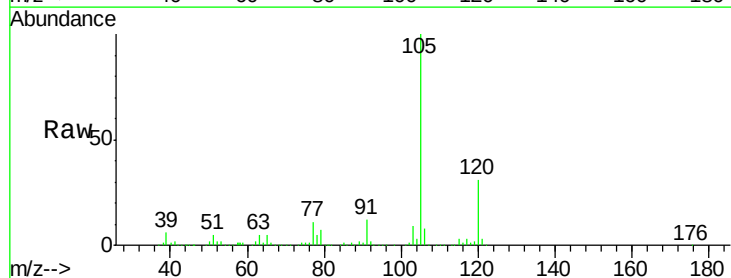
Acq: 01 Apr 2018 07:27

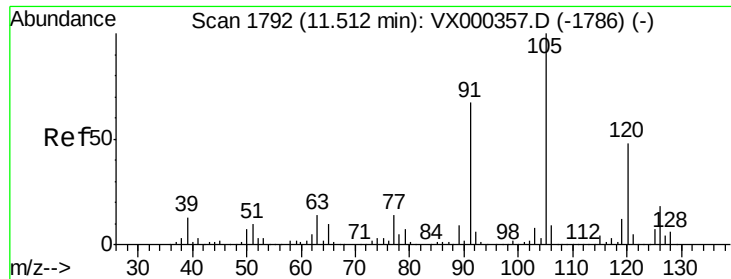
Tgt Ion: 91 Resp: 28316

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#

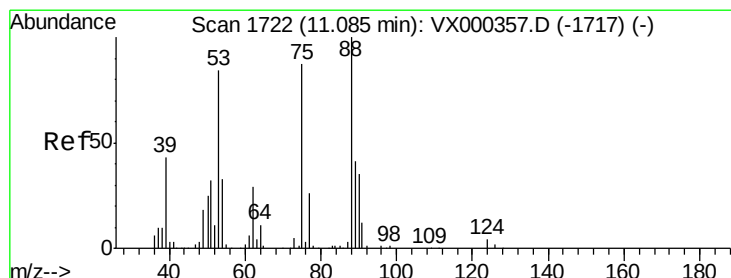
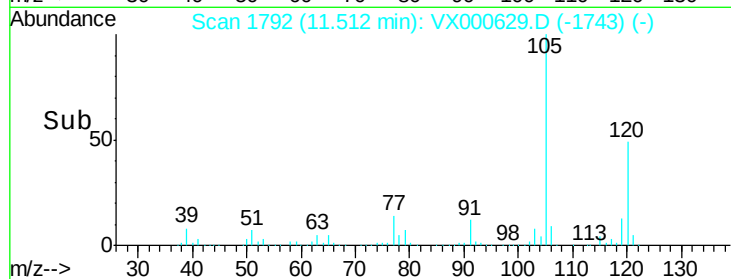
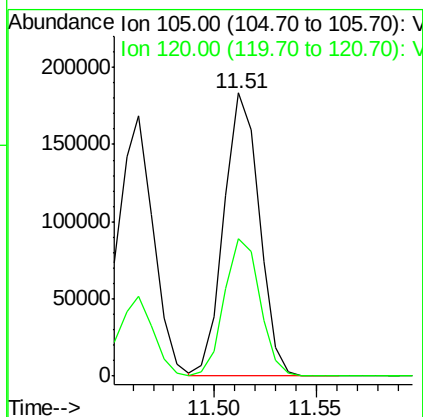
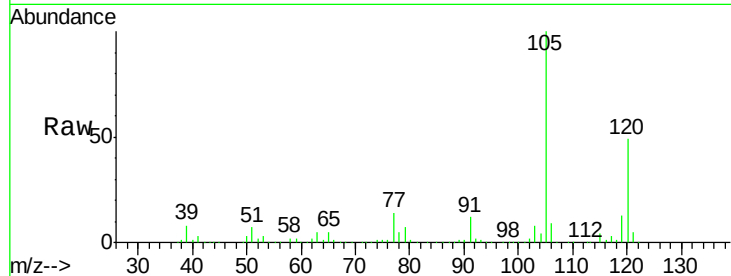




#80
 1,3,5-Trimethylbenzene
 Concen: 29.818 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000629.D
 Acq: 01 Apr 2018 07:27

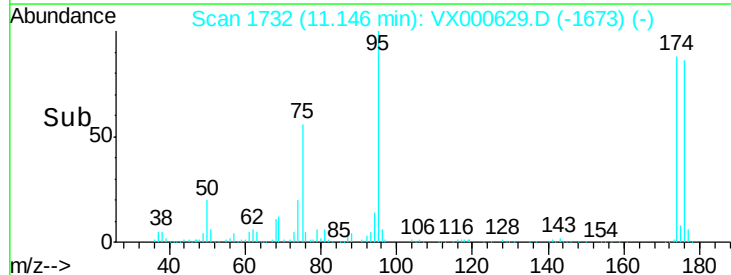
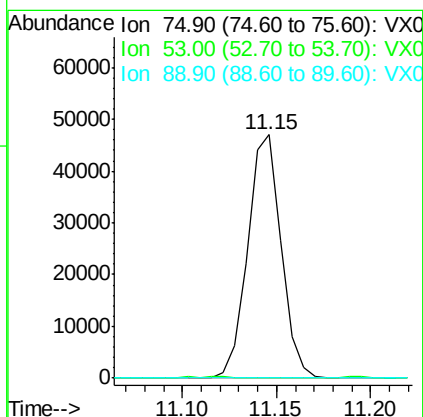
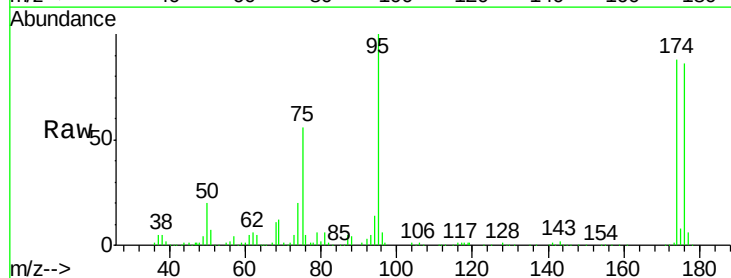
Instrument :
 MSVOA_X
 ClientSampled :

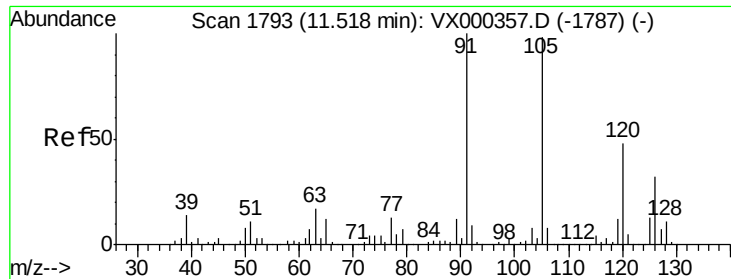
Tot Ion:105 Resp: 219805
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.552 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000629.D
 Acq: 01 Apr 2018 07:27

Tgt Ion: 75 Resp: 57576
 Ion Ratio Lower Upper
 75 100
 53 0.3 80.7 121.1#
 89 0.0 39.4 59.0#

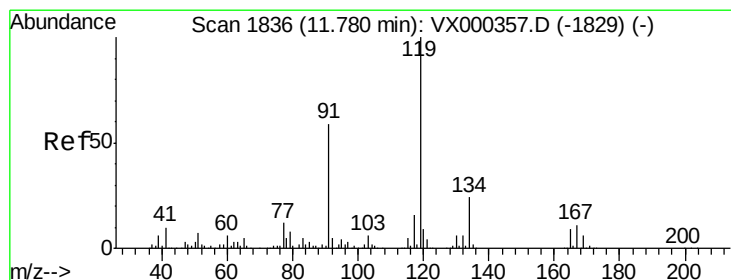
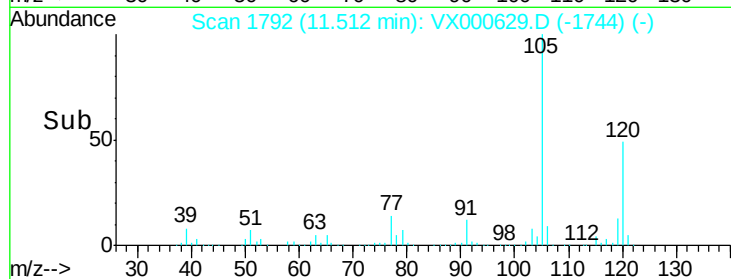
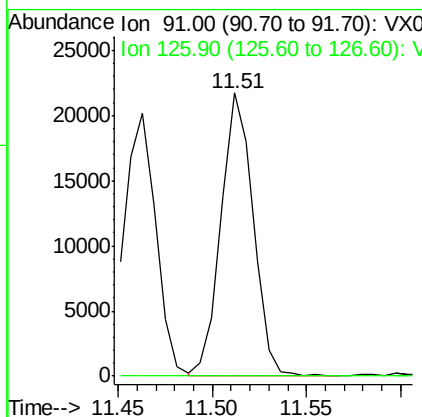
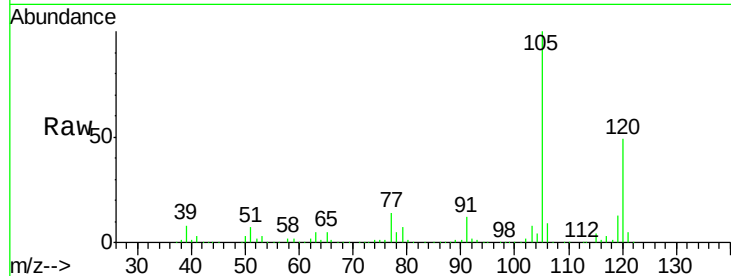




#82
4-Chlorotoluene
Concen: 3.572 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

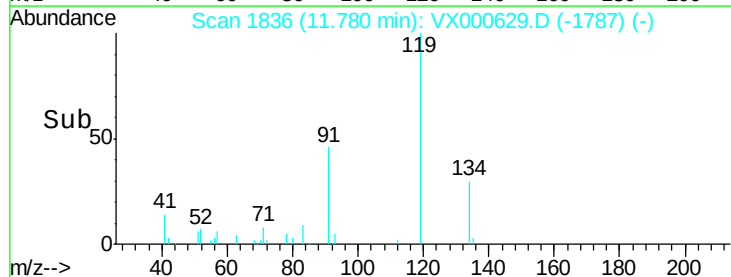
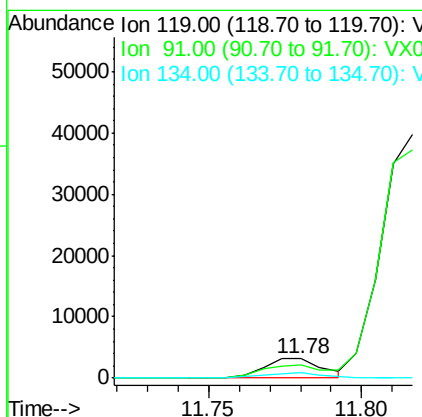
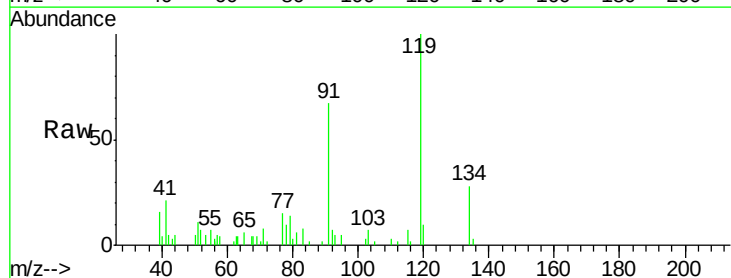
Instrument :
MSVOA_X
ClientSampleId :

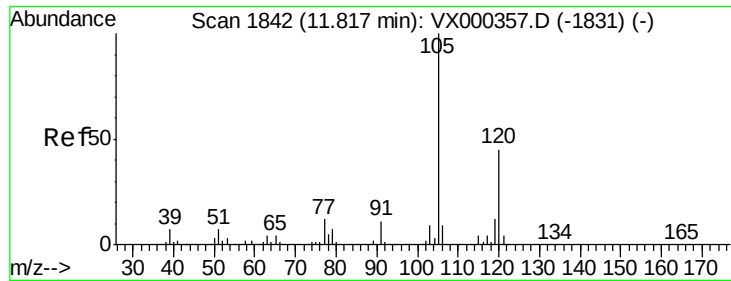
Tot Ion: 91 Resp: 25759
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.1#



#83
tert-Butylbenzene
Concen: 0.571 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Tgt Ion: 119 Resp: 4242
Ion Ratio Lower Upper
119 100
91 63.7 28.8 86.4
134 25.8 11.4 34.1

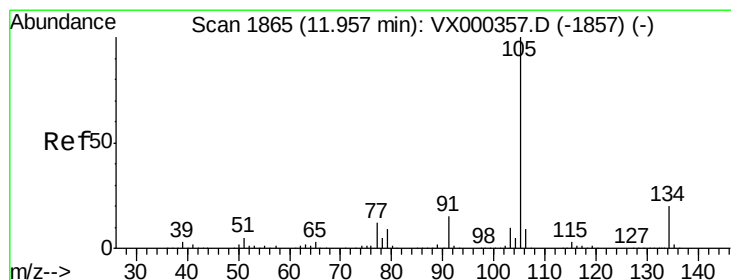
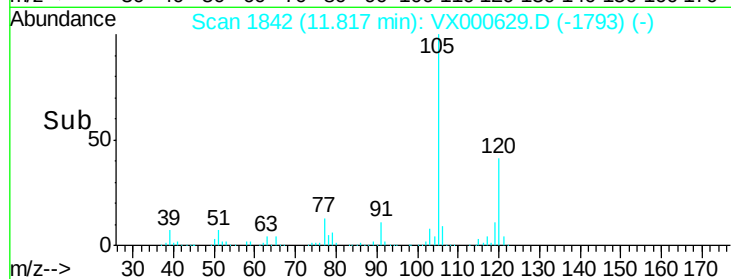
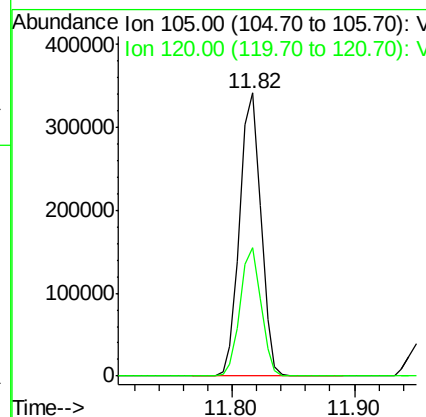
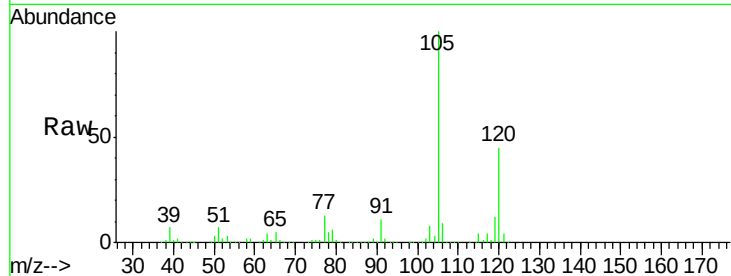




#84
 1,2,4-Trimethylbenzene
 Concen: 52.762 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000629.D
 Acq: 01 Apr 2018 07:27

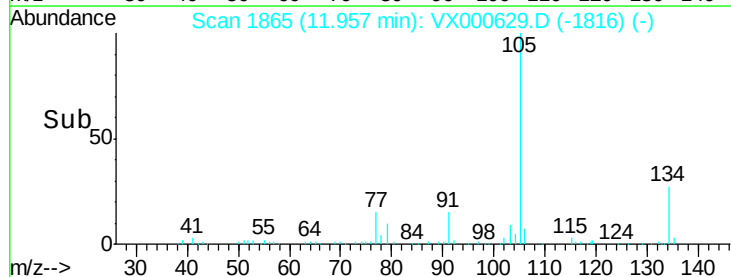
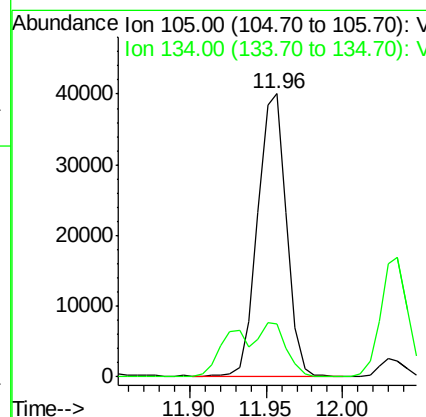
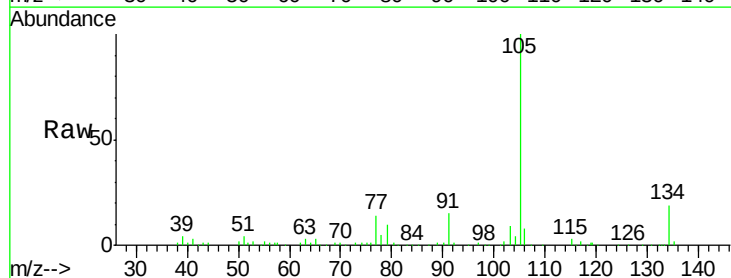
Instrument :
 MSVOA_X
 ClientSampleId :

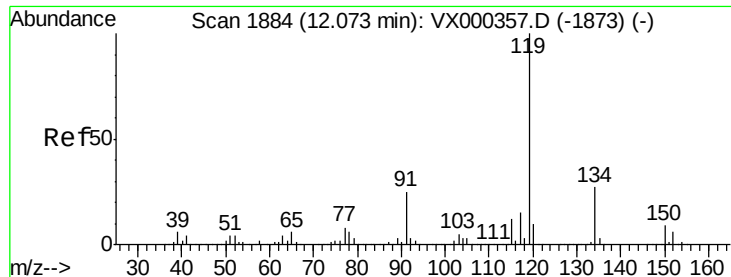
Tot Ion:105 Resp: 407775
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 5.725 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000629.D
 Acq: 01 Apr 2018 07:27

Tgt Ion:105 Resp: 52667
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.3 30.8





#86

p-Isopropyltoluene

Concen: 2.933 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000629.D

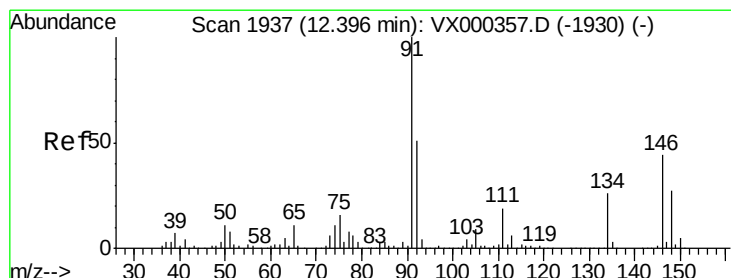
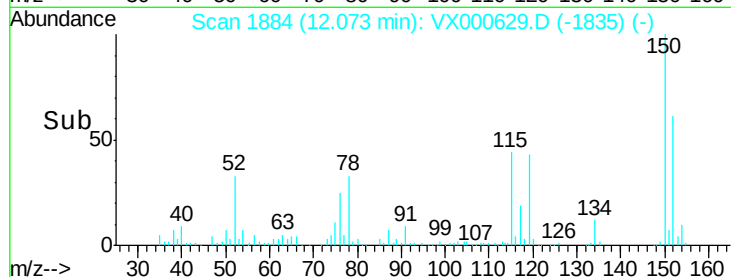
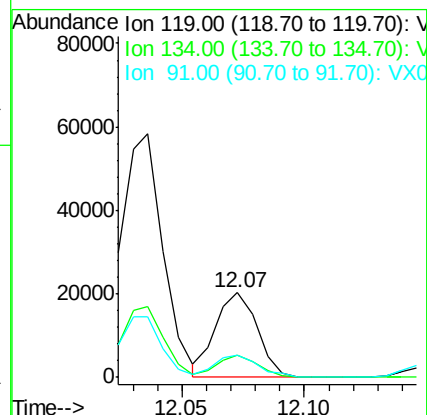
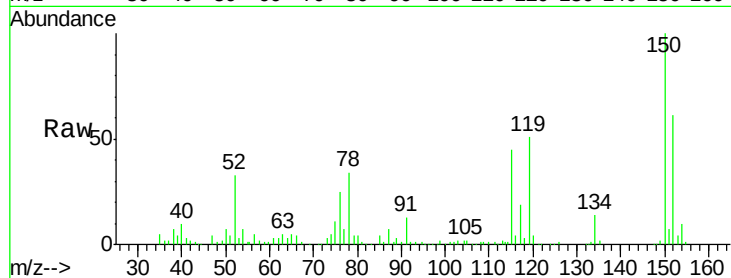
Acq: 01 Apr 2018 07:27

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	119	Resp:	23960
Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.3	39.9
91	27.2	12.0	36.1



#89

n-Butylbenzene

Concen: 16.208 ug/l

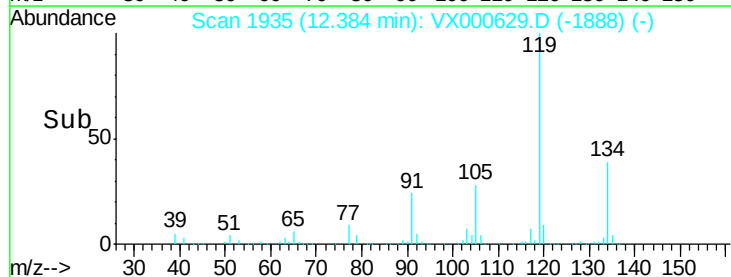
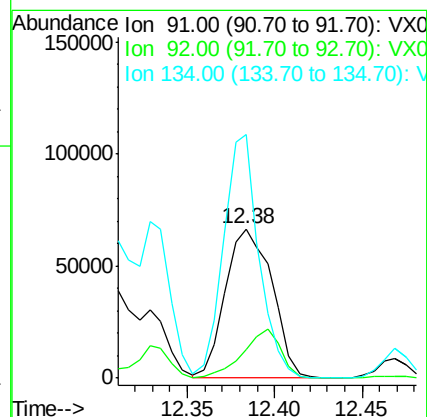
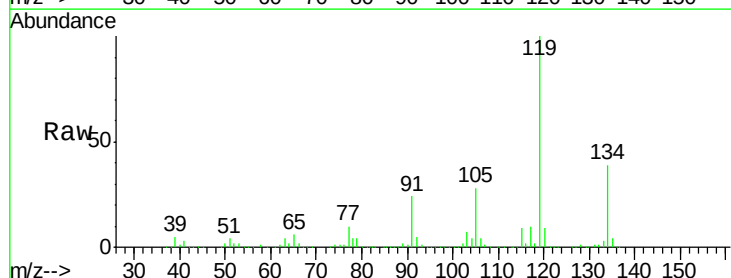
RT: 12.38 min Scan# 1935

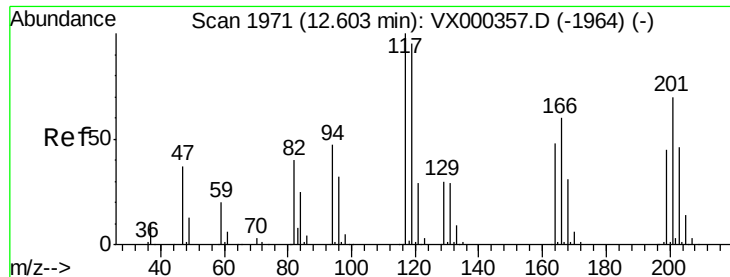
Delta R.T. -0.01 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

Tgt Ion:	91	Resp:	123288
Ion	Ratio	Lower	Upper
91	100		
92	26.6	25.9	77.8
134	124.3	13.1	39.3#

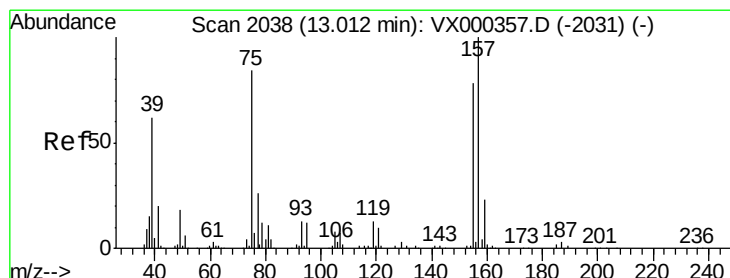
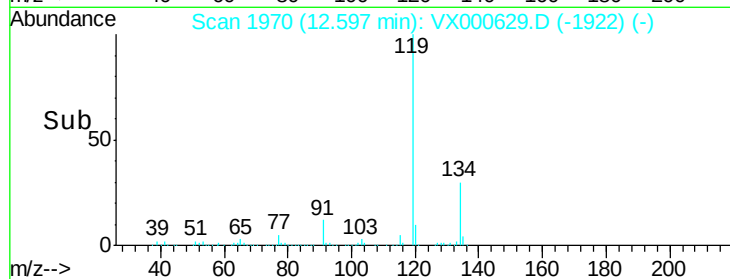
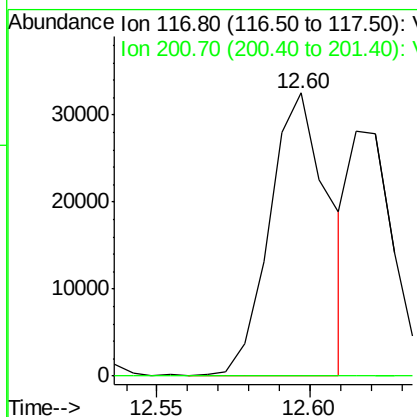
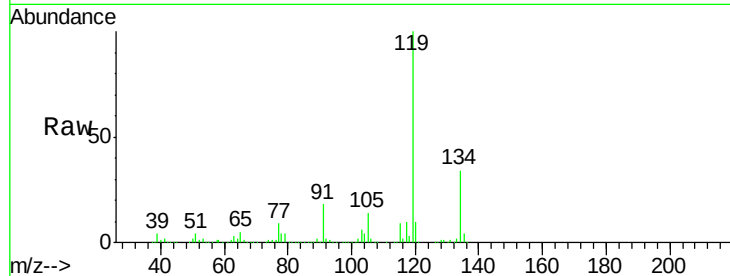




#90
 Hexachloroethane
 Concen: 33.820 ug/l
 RT: 12.60 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: VX000629.D
 Acq: 01 Apr 2018 07:27

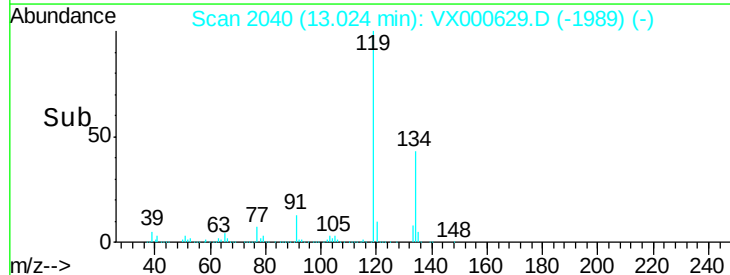
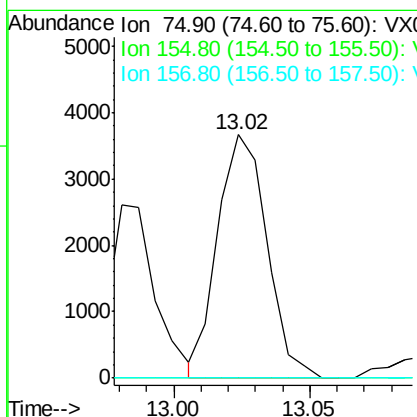
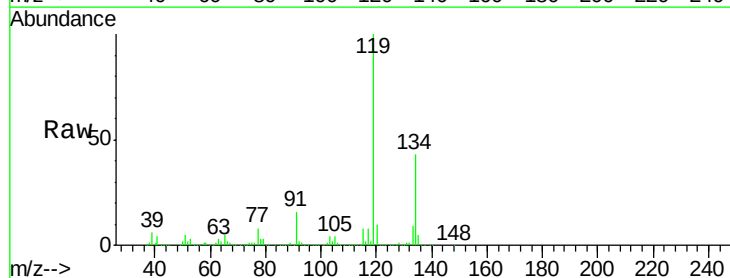
Instrument :
 MSVOA_X
 ClientSampleId :

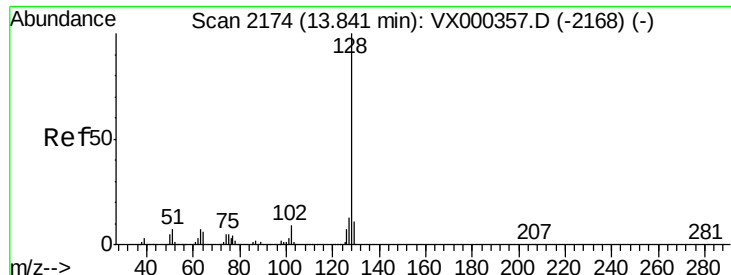
Tot Ion:117 Resp: 43490
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.9 113.6#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.321 ug/l
 RT: 13.02 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: VX000629.D
 Acq: 01 Apr 2018 07:27

Tgt Ion: 75 Resp: 4602
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.0 134.8#
 157 0.0 58.1 174.2#

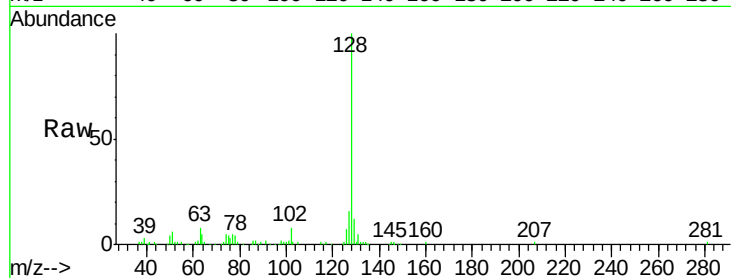




#95
Naphthalene
Concen: 3.622 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.7	10.6	15.8#
129	14.5	8.9	13.3#



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

