

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005856.D
 Acq On : 09 Nov 2018 12:52
 Operator : JC/MD
 Sample : PB114659TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114659TB

Quant Time: Nov 11 23:49:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	115239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	167285	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	153093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	73810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	70793	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
35) Dibromofluoromethane	5.49	113	56888	50.00	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.71	98	204404	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
62) 4-Bromofluorobenzene	11.13	95	70259	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.65	94	234	0.279	ug/l	87
6) Chloroethane	1.65	64	565	0.692	ug/l #	42
10) Methyl Iodide	2.51	142	329	0.260	ug/l #	74
11) Tert butyl alcohol	3.03	59	111	0.292	ug/l #	72
15) Acrylonitrile	3.14	53	160	0.203	ug/l #	64
16) Acetone	2.44	43	6520	9.140	ug/l	93
17) Carbon Disulfide	2.57	76	868	0.286	ug/l #	69
18) Methyl Acetate	2.77	43	1419	Below Cal		97
20) Methylene Chloride	2.86	84	1383	1.180	ug/l #	85
25) 2-Butanone	4.70	43	849	0.757	ug/l	95
29) Tetrahydrofuran	5.16	42	544	0.755	ug/l #	55
31) Cyclohexane	5.67	56	2096	1.136	ug/l #	6
36) 1,1-Dichloropropene	5.67	75	7927	4.915	ug/l #	49
38) Carbon Tetrachloride	5.67	117	10331	6.399	ug/l #	17
43) Isopropyl Acetate	6.45	43	27118	8.825	ug/l	99
48) Methyl methacrylate	7.68	41	8237	5.970	ug/l #	16
49) 1,4-Dioxane	7.87	88	156	5.247	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	64831	33.476	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	29220	17.952	ug/l #	63
56) Ethyl methacrylate	9.30	69	695	0.397	ug/l #	1
57) 1,3-Dichloropropane	9.54	76	6893	3.503	ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.32	63	42	8.321	ug/l #	48
59) 2-Hexanone	9.54	43	106966	62.660	ug/l #	52
74) N-ethyl acetate	10.87	43	398	1.413	ug/l #	44
76) 1,2,3-Trichloropropane	11.13	75	35292	23.482	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.51	105	6327	1.744	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	35292	74.841	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	341	Below Cal		80
95) Naphthalene	13.83	128	824	1.329	ug/l #	82

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

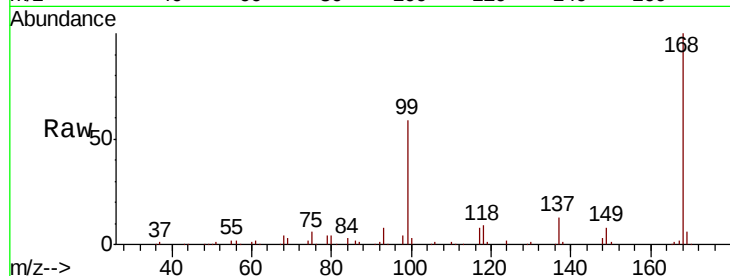
PB114659TB

Tot Ion:168 Resp: 115239

Ion Ratio Lower Upper

168 100

99 58.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

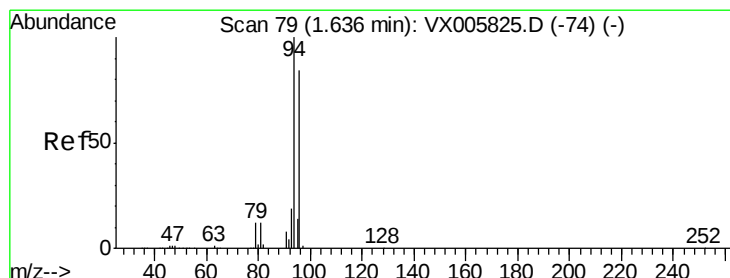
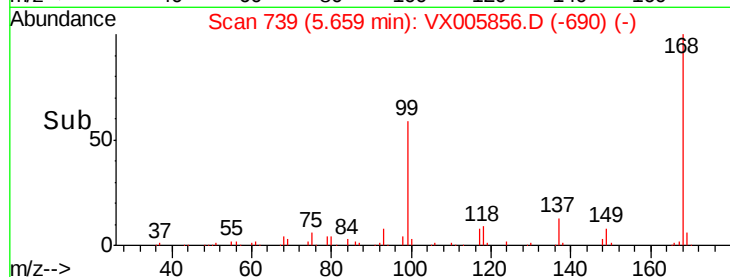
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.279 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX005856.D

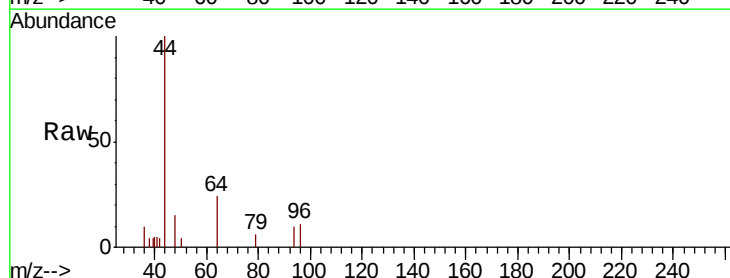
Acq: 09 Nov 2018 12:52

Tgt Ion: 94 Resp: 234

Ion Ratio Lower Upper

94 100

96 106.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

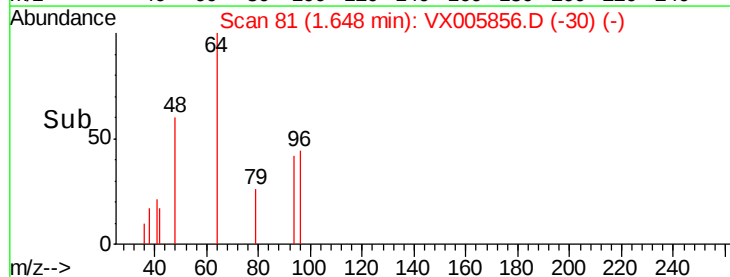
150

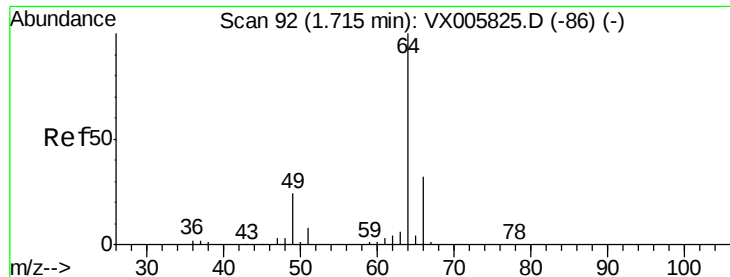
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.692 ug/l

RT: 1.65 min Scan# 82

Delta R.T. -0.06 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

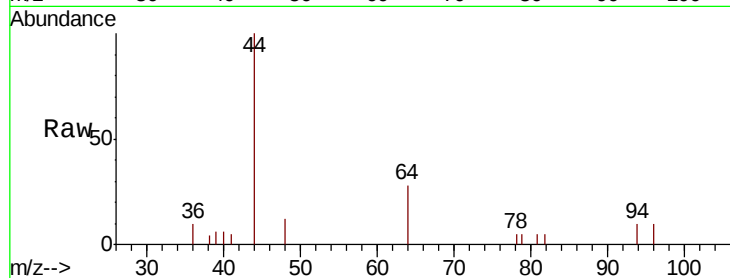
PB114659TB

Tot Ion: 64 Resp: 565

Ion Ratio Lower Upper

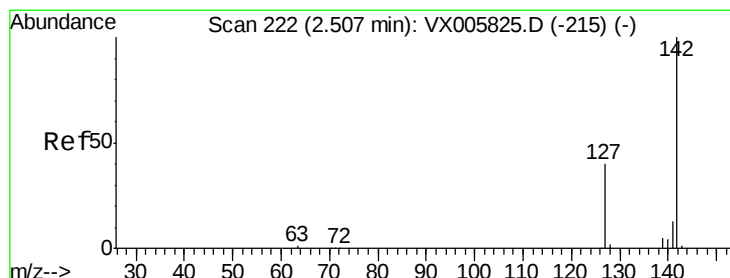
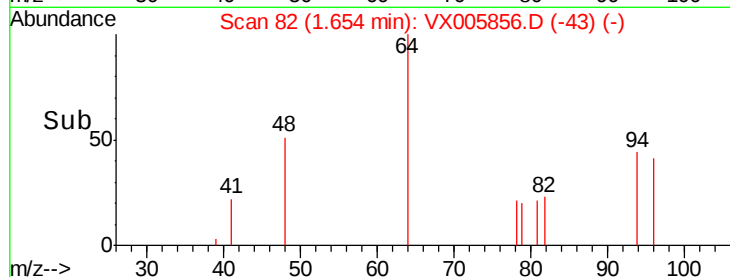
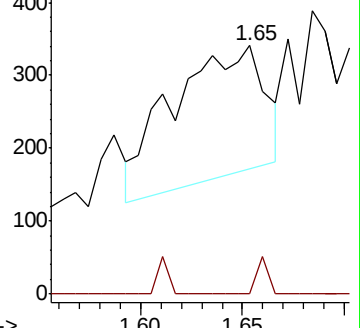
64 100

66 0.0 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 0.260 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

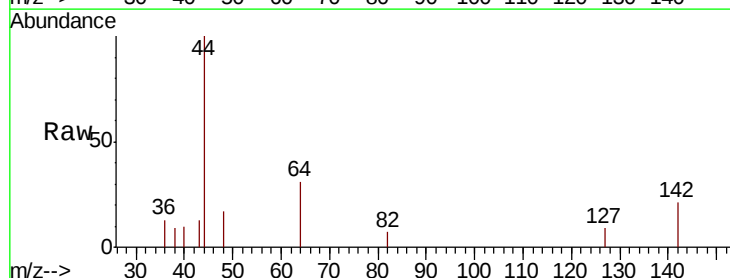
Tgt Ion: 142 Resp: 329

Ion Ratio Lower Upper

142 100

127 29.8 36.0 54.0#

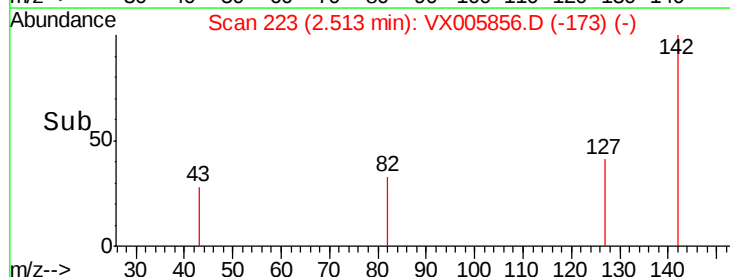
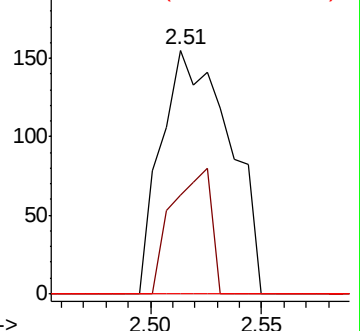
141 0.0 11.7 17.5#

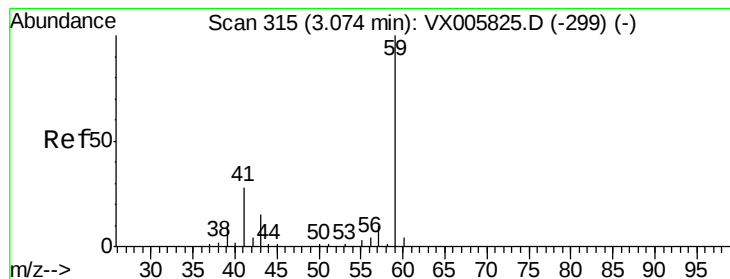


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



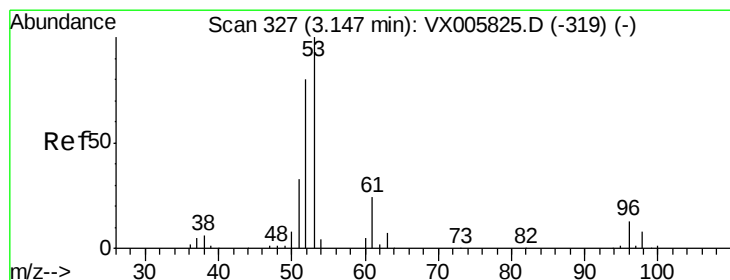
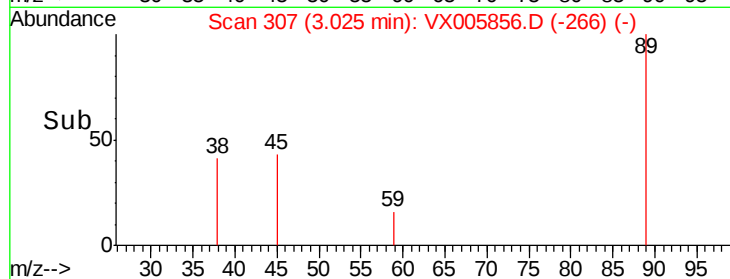
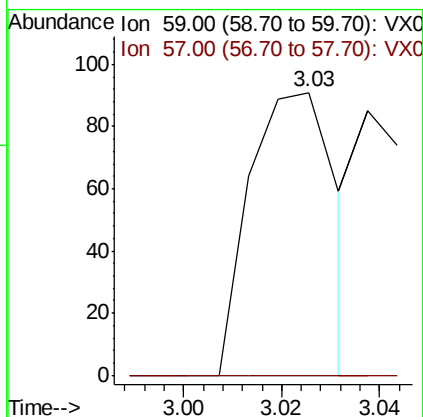
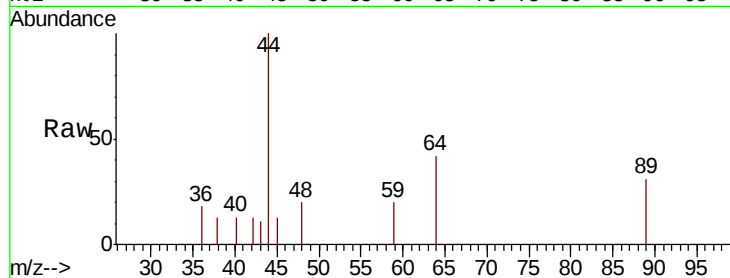


#11

Tert butyl alcohol
 Concen: 0.292 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: VX005856.D
 Acq: 09 Nov 2018 12:52

Instrument :
 MSVOA_X
 ClientSampled :
 PB114659TB

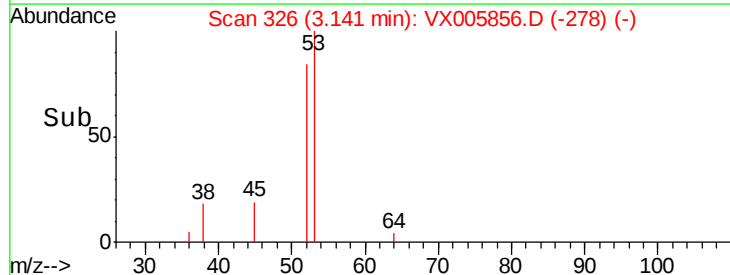
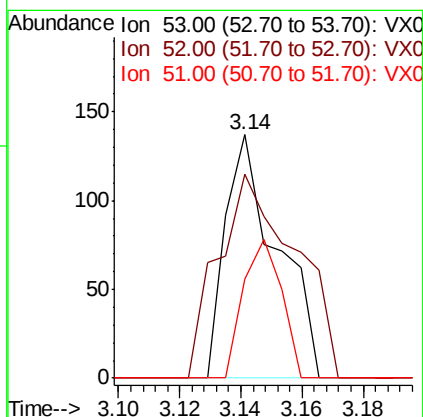
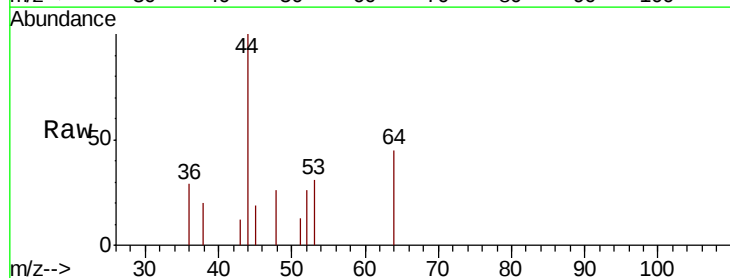
Tot Ion: 59 Resp: 111
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

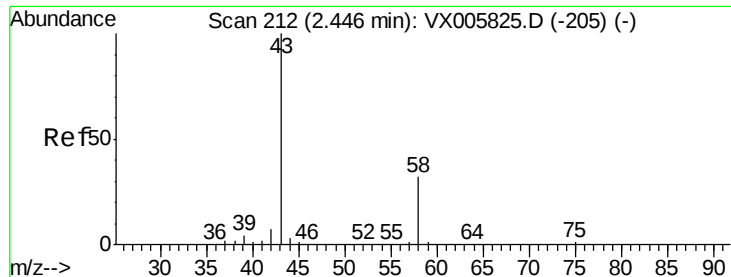


#15

Acrylonitrile
 Concen: 0.203 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VX005856.D
 Acq: 09 Nov 2018 12:52

Tgt Ion: 53 Resp: 160
 Ion Ratio Lower Upper
 53 100
 52 125.0 66.6 99.8#
 51 41.9 28.4 42.6





#16

Acetone

Concen: 9.140 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

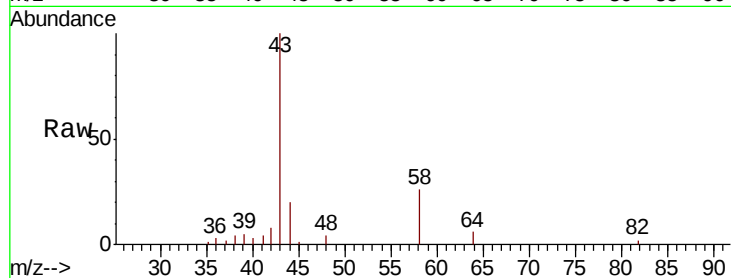
PB114659TB

Tot Ion: 43 Resp: 6520

Ion Ratio Lower Upper

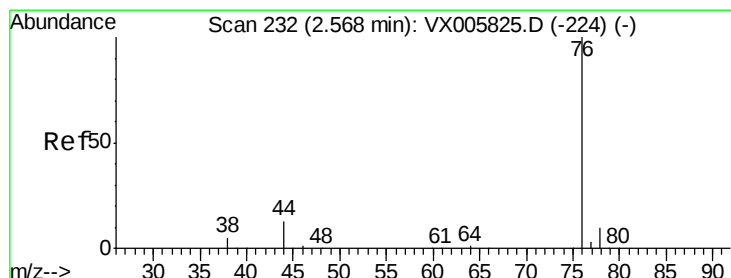
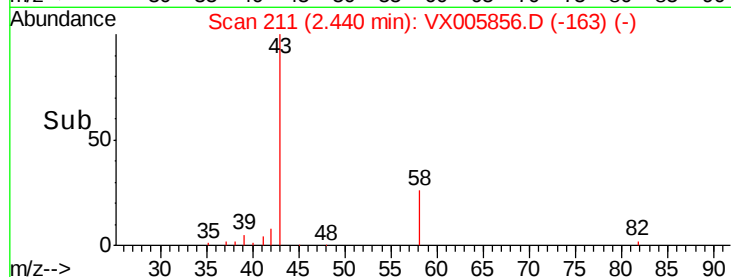
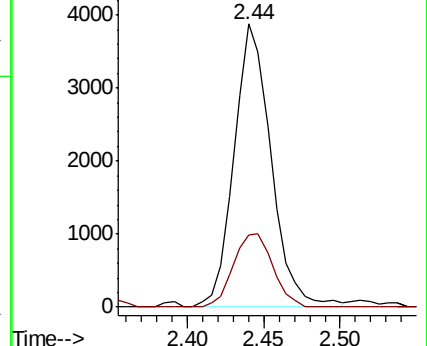
43 100

58 25.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.286 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX005856.D

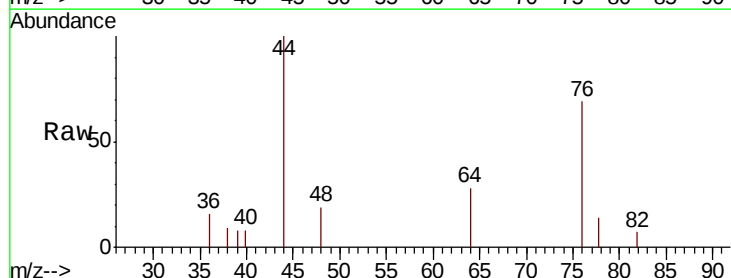
Acq: 09 Nov 2018 12:52

Tgt Ion: 76 Resp: 868

Ion Ratio Lower Upper

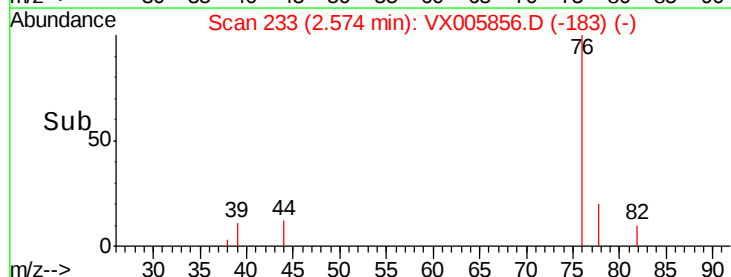
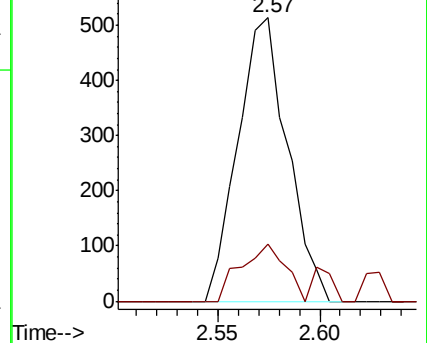
76 100

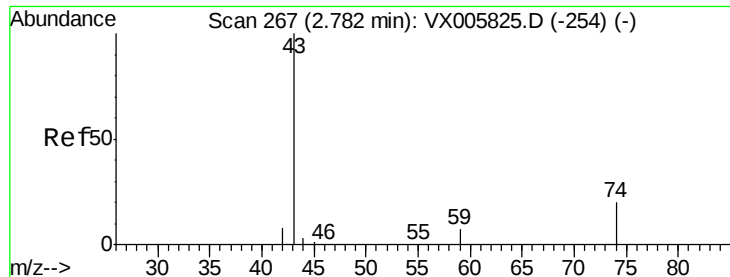
78 20.3 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

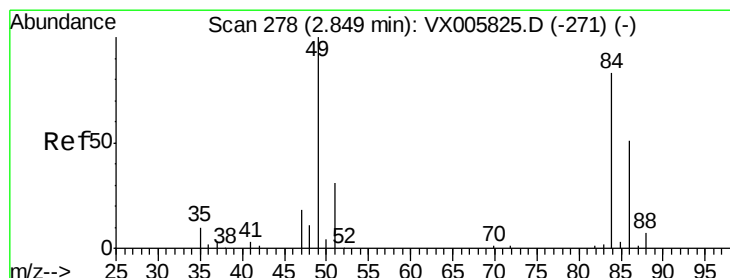
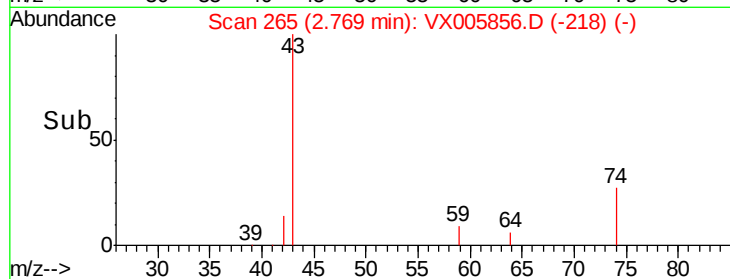
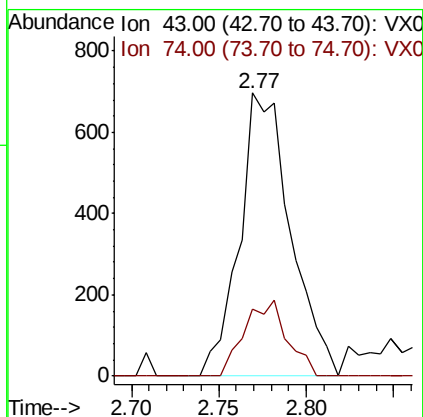
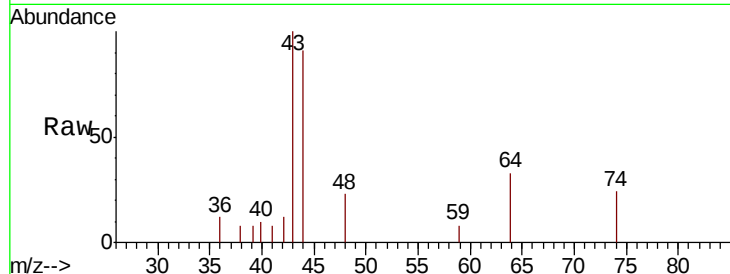




#18
Methyl Acetate
Concen: Below Cal
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX005856.D
Acq: 09 Nov 2018 12:52

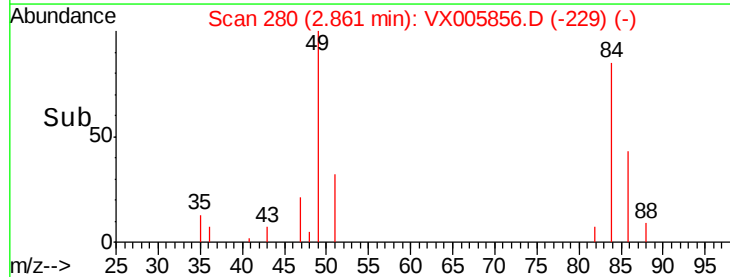
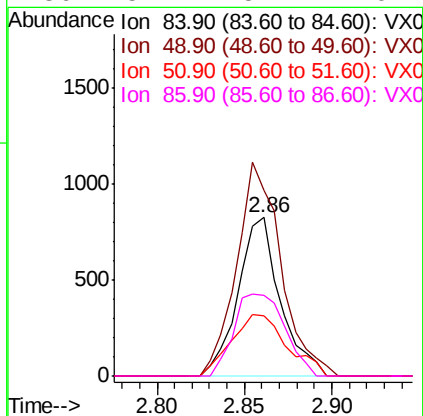
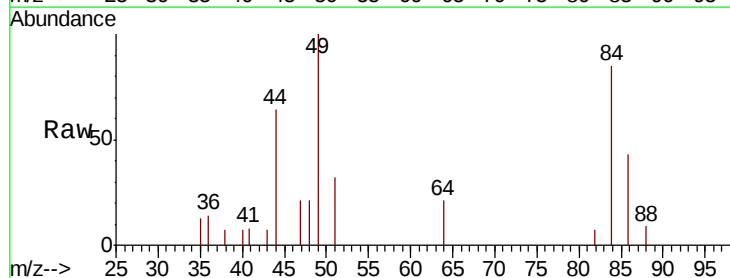
Instrument :
MSVOA_X
ClientSampled :
PB114659TB

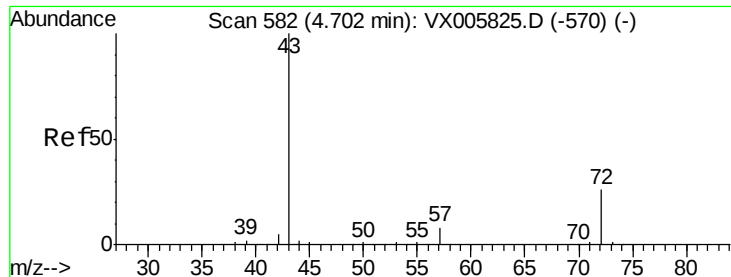
Tot Ion: 43 Resp: 1419
Ion Ratio Lower Upper
43 100
74 22.3 16.8 25.2



#20
Methylene Chloride
Concen: 1.180 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005856.D
Acq: 09 Nov 2018 12:52

Tgt Ion: 84 Resp: 1383
Ion Ratio Lower Upper
84 100
49 117.6 109.5 164.3
51 38.1 33.3 49.9
86 51.1 52.7 79.1#





#25

2-Butanone

Concen: 0.757 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

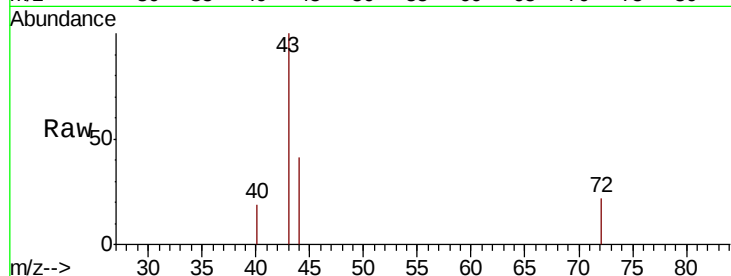
PB114659TB

Tot Ion: 43 Resp: 849

Ion Ratio Lower Upper

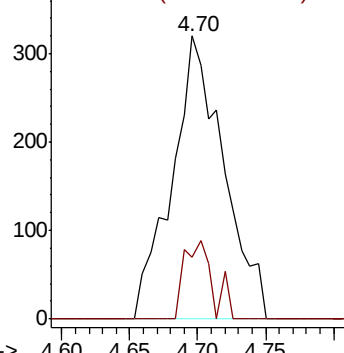
43 100

72 21.6 19.2 28.8

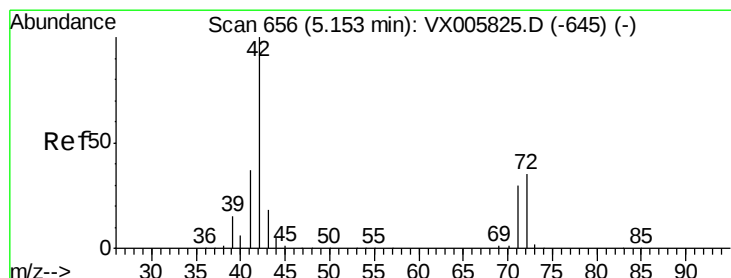
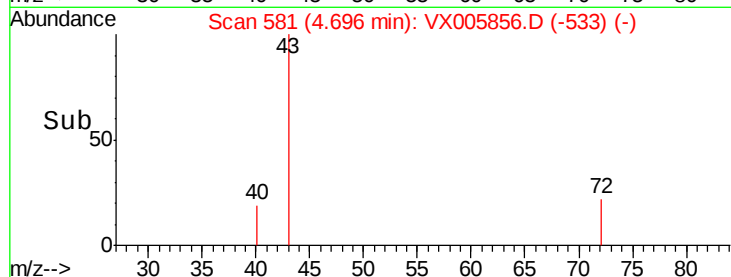


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#29

Tetrahydrofuran

Concen: 0.755 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

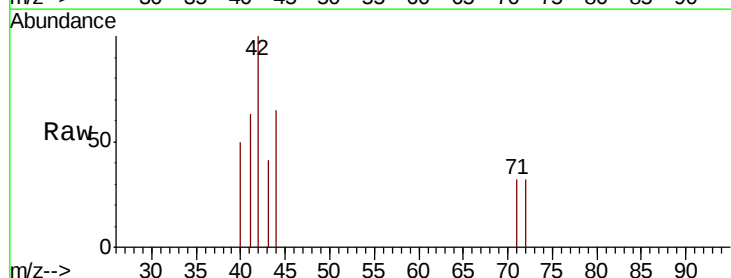
Tgt Ion: 42 Resp: 544

Ion Ratio Lower Upper

42 100

72 10.8 32.0 48.0#

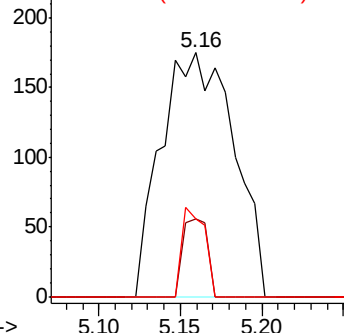
71 11.6 29.8 44.8#



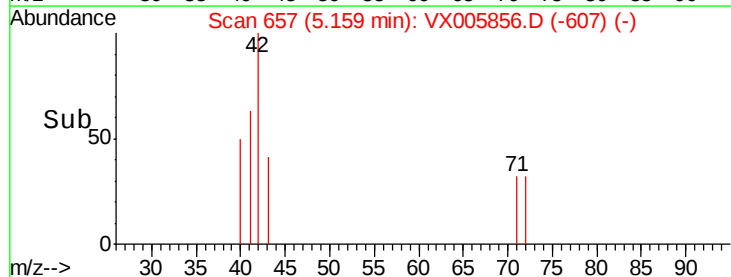
Abundance Ion 42.00 (41.70 to 42.70): VX0

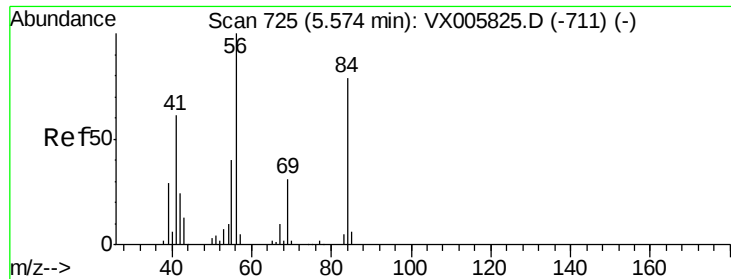
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->

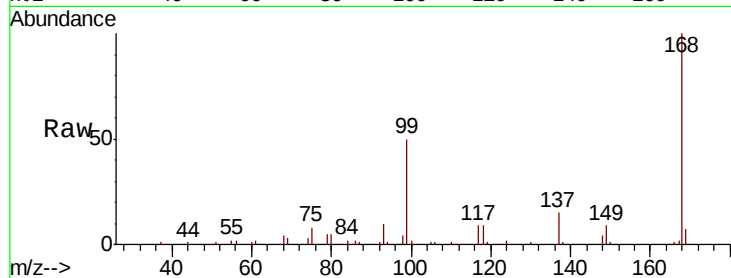




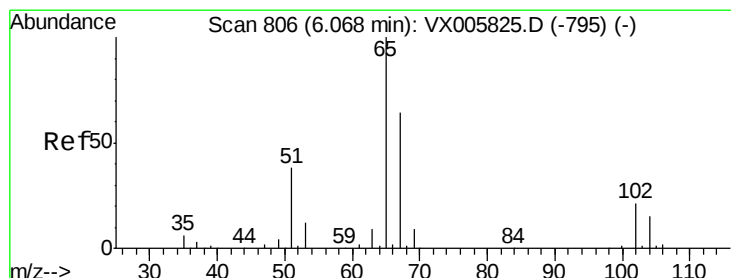
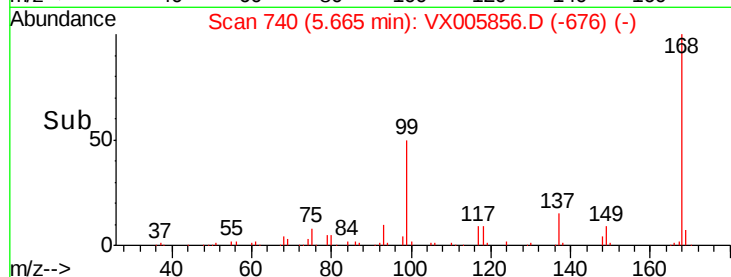
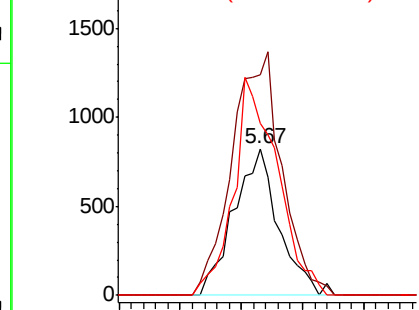
#31
Cyclohexane
Concen: 1.136 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005856.D
Acq: 09 Nov 2018 12:52

Instrument :
MSVOA_X
ClientSampleId :
PB114659TB

Tot Ion: 56 Resp: 2096
Ion Ratio Lower Upper
56 100
69 150.8 22.6 34.0#
84 117.4 62.7 94.1#

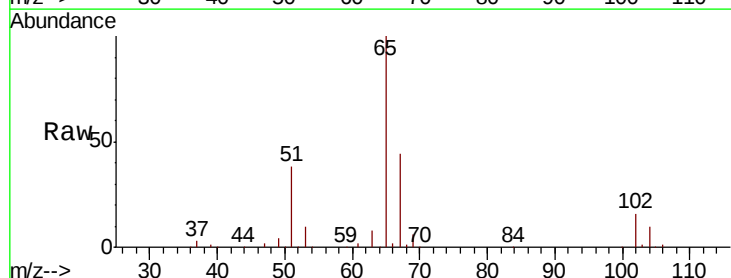


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

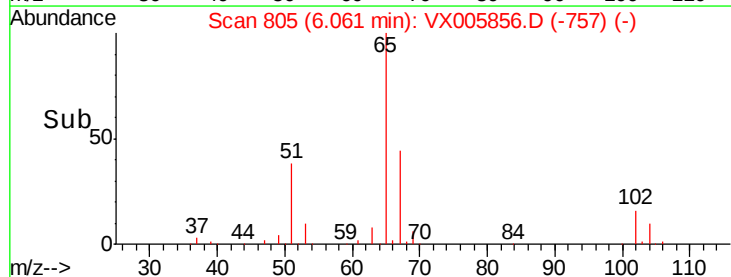
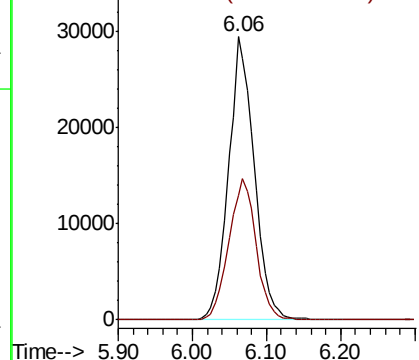


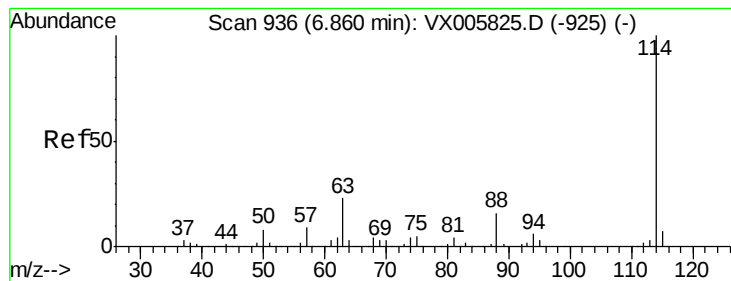
#33
1,2-Dichloroethane-d4
Concen: 53.436 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005856.D
Acq: 09 Nov 2018 12:52

Tgt Ion: 65 Resp: 70793
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

PB114659TB

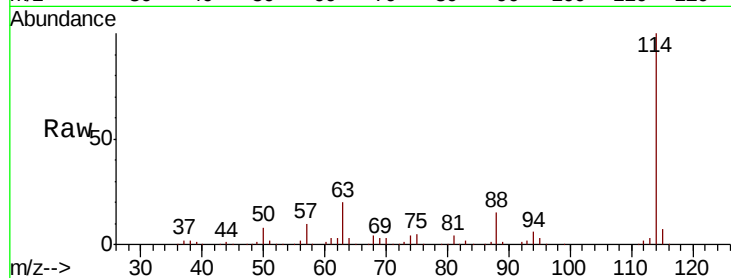
Tot Ion:114 Resp: 167285

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

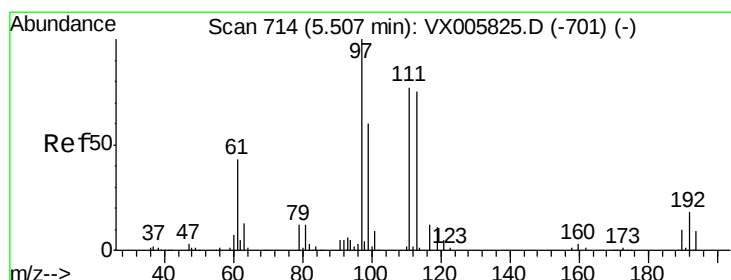
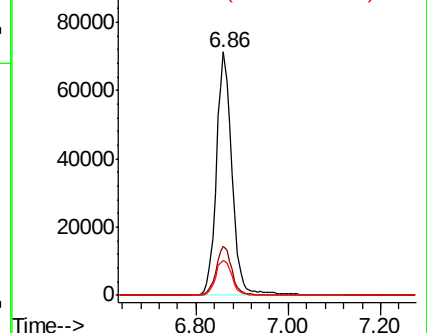
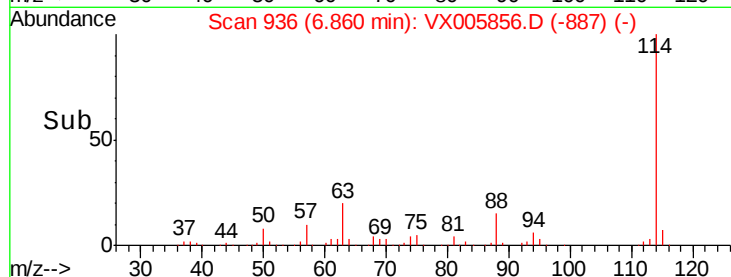
88 14.6 0.0 31.2



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: 49.999 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.02 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

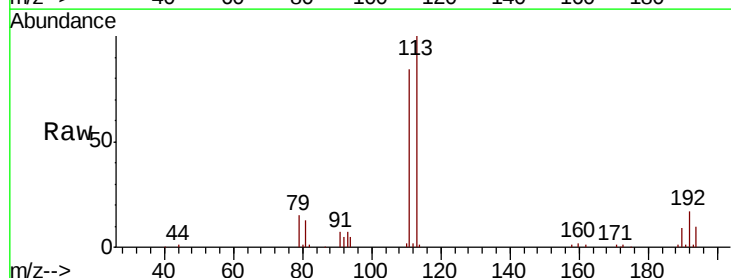
Tgt Ion:113 Resp: 56888

Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

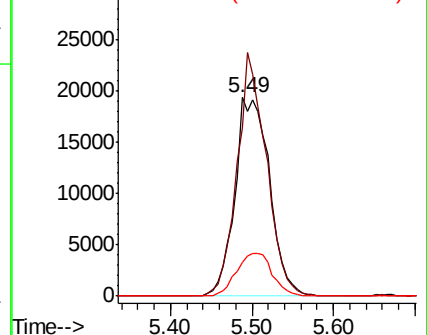
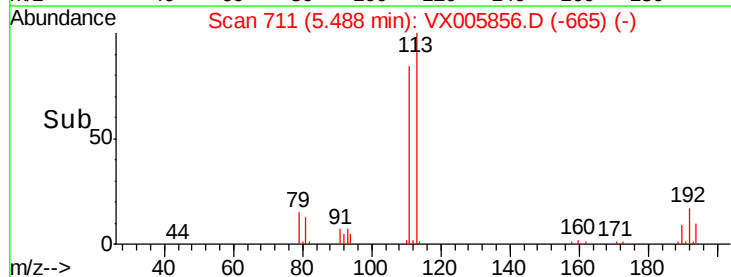
192 22.2 17.9 26.9

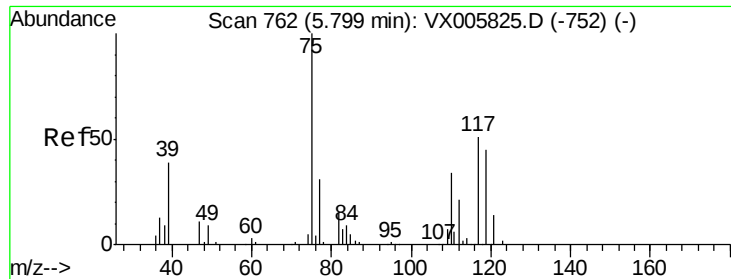


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

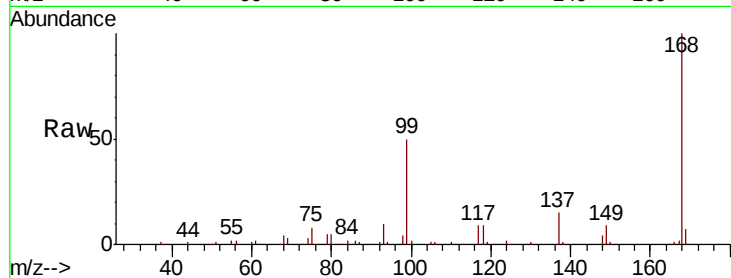




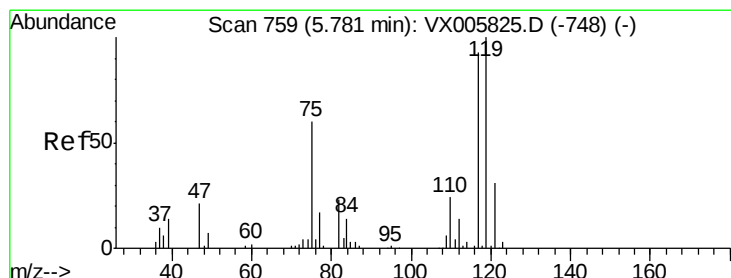
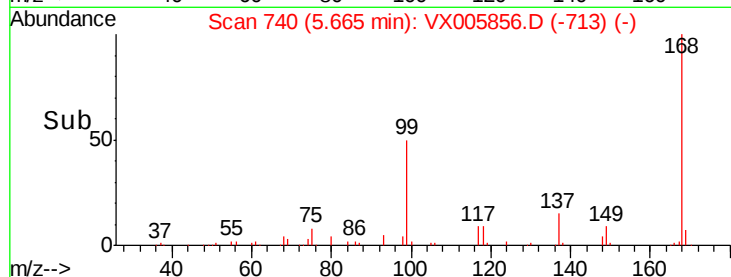
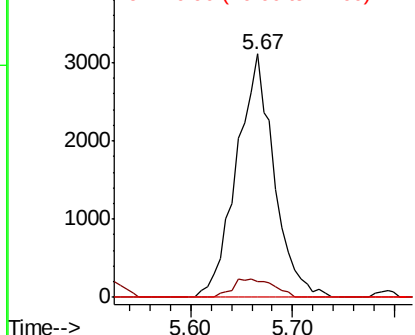
#36
 1,1-Dichloropropene
 Concen: 4.915 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005856.D
 Acq: 09 Nov 2018 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114659TB

Tot Ion: 75 Resp: 7927
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.4 52.2#
 77 0.0 25.8 38.6#

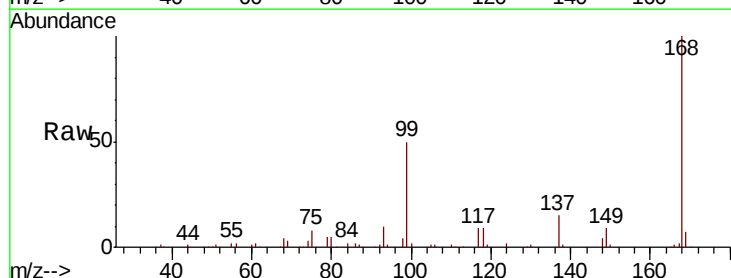


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

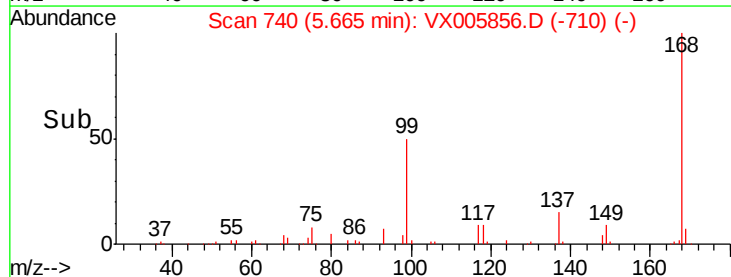
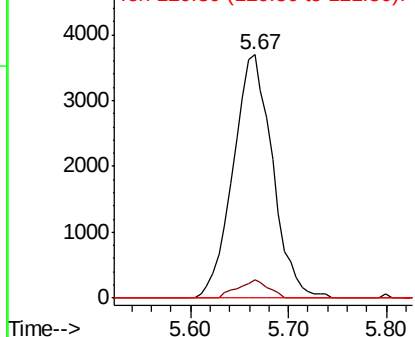


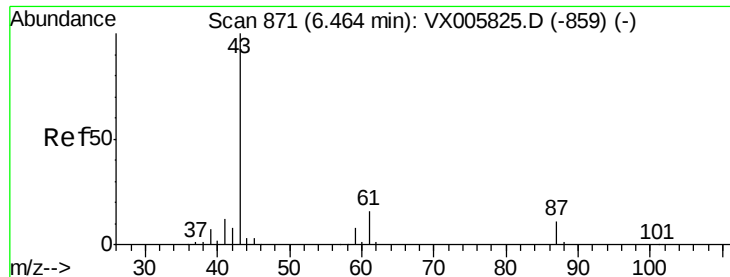
#38
 Carbon Tetrachloride
 Concen: 6.399 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX005856.D
 Acq: 09 Nov 2018 12:52

Tgt Ion:117 Resp: 10331
 Ion Ratio Lower Upper
 117 100
 119 7.4 78.1 117.1#
 121 0.0 24.6 36.8#



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





#43

Isopropyl Acetate

Concen: 8.825 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

PB114659TB

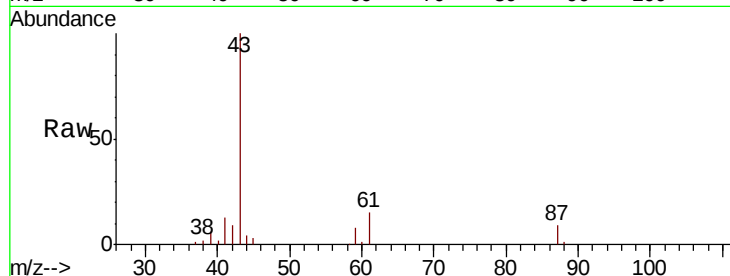
Tot Ion: 43 Resp: 27118

Ion Ratio Lower Upper

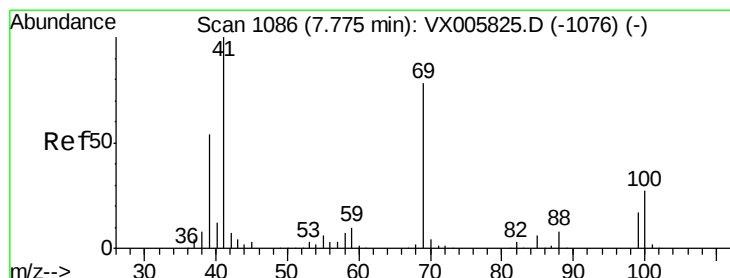
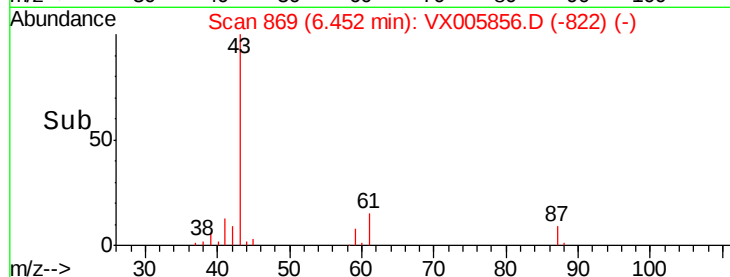
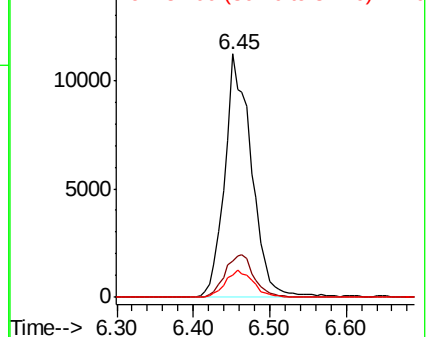
43 100

61 18.7 14.6 22.0

87 11.5 9.6 14.4



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



#48

Methyl methacrylate

Concen: 5.970 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

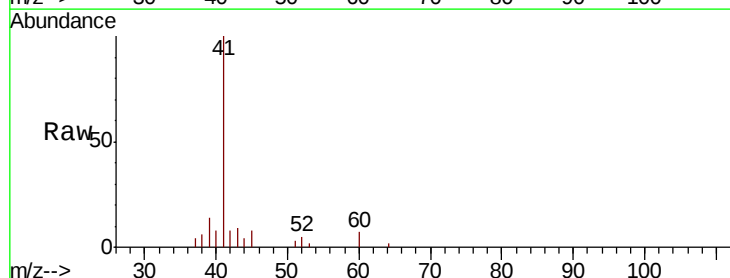
Tgt Ion: 41 Resp: 8237

Ion Ratio Lower Upper

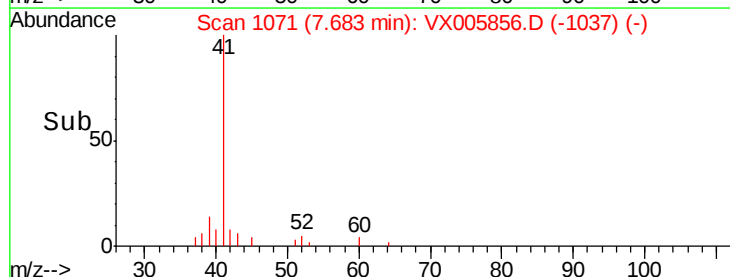
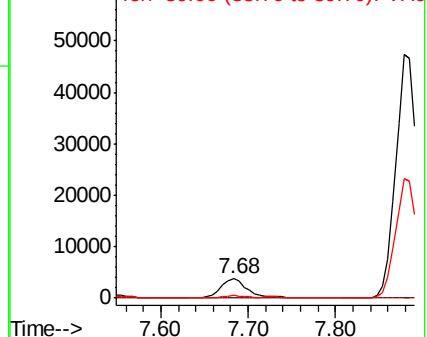
41 100

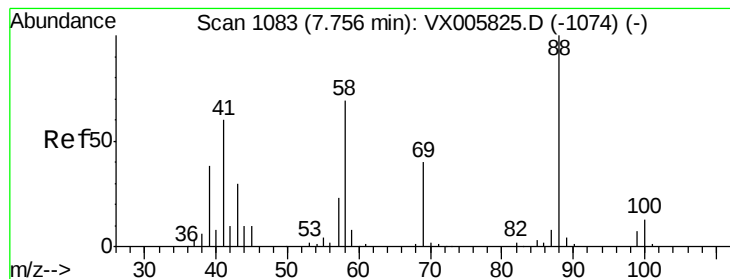
69 0.0 63.2 94.8#

39 0.0 42.2 63.2#



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





#49

1,4-Dioxane

Concen: 5.247 ug/l

RT: 7.87 min Scan# 1102

Delta R.T. 0.12 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

PB114659TB

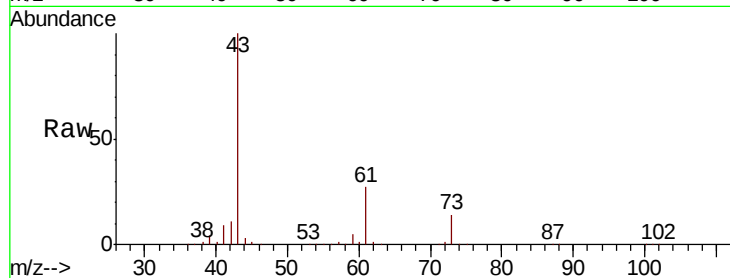
Tot Ion: 88 Resp: 156

Ion Ratio Lower Upper

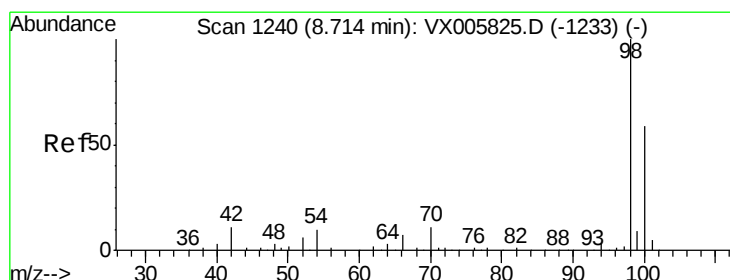
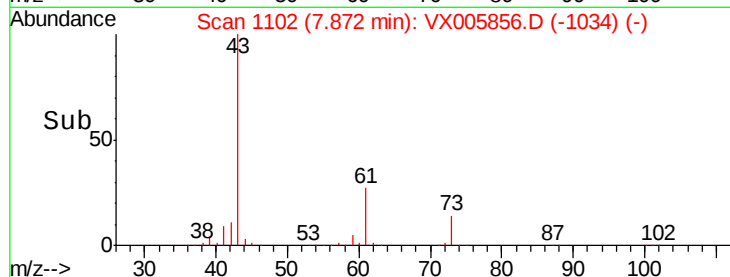
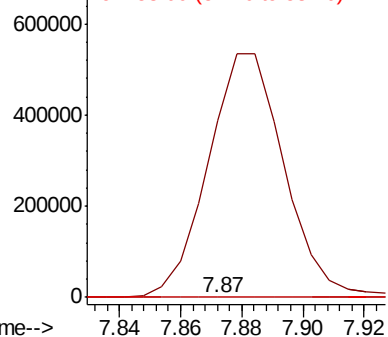
88 100

43 606120.5 27.4 41.0#

58 2558.3 59.4 89.2#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 54.037 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005856.D

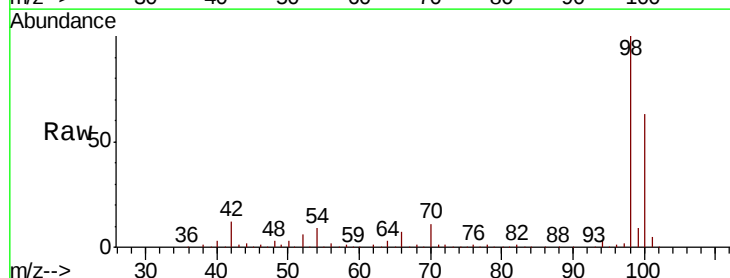
Acq: 09 Nov 2018 12:52

Tgt Ion: 98 Resp: 204404

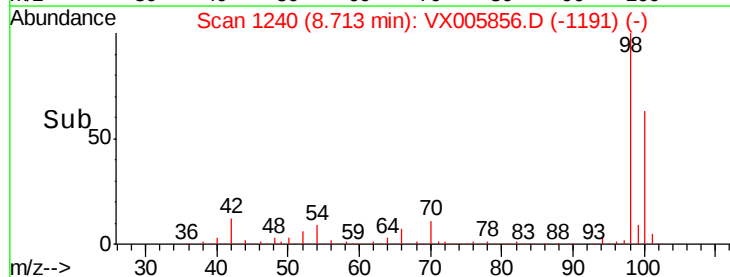
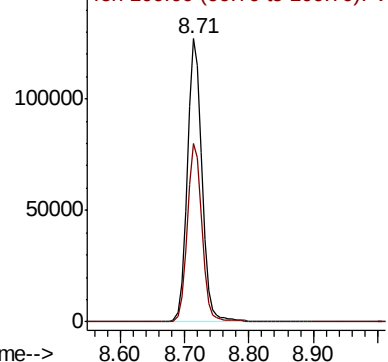
Ion Ratio Lower Upper

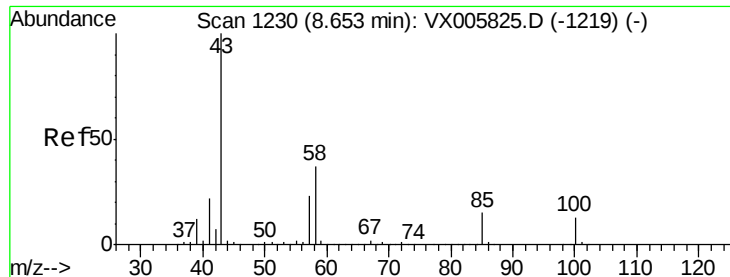
98 100

100 63.2 51.3 76.9



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: 33.476 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.04 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

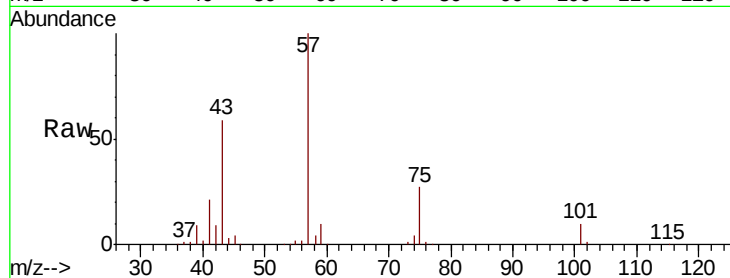
PB114659TB

Tot Ion: 43 Resp: 64831

Ion Ratio Lower Upper

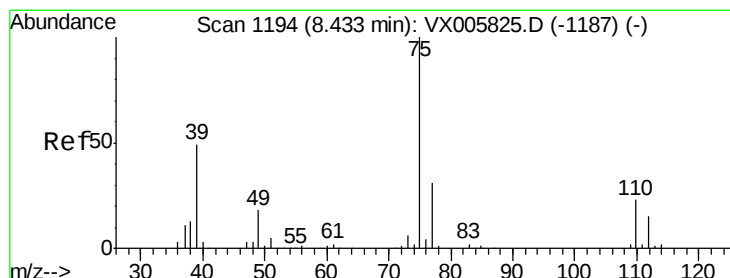
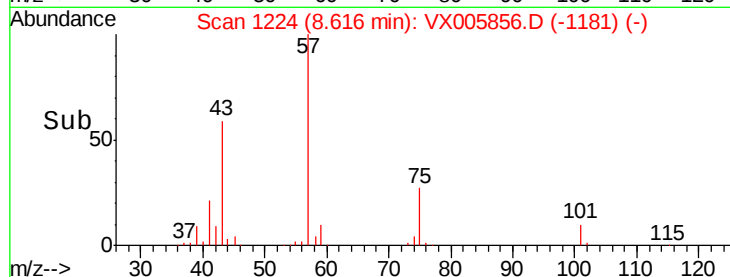
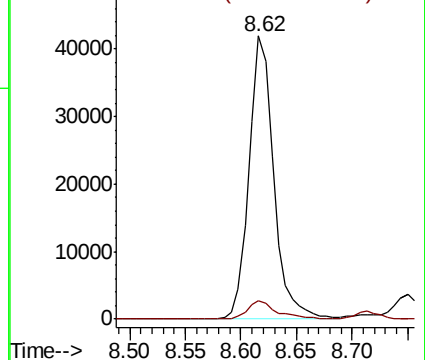
43 100

58 7.7 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.952 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

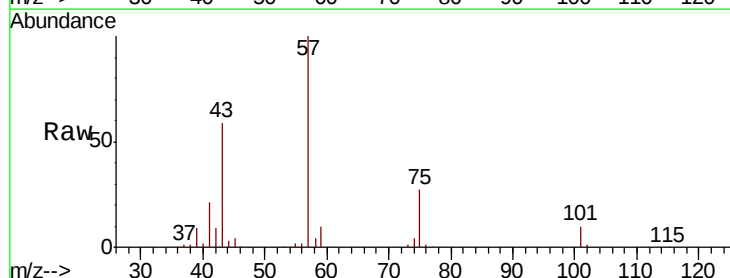
Tgt Ion: 75 Resp: 29220

Ion Ratio Lower Upper

75 100

77 0.6 25.2 37.8#

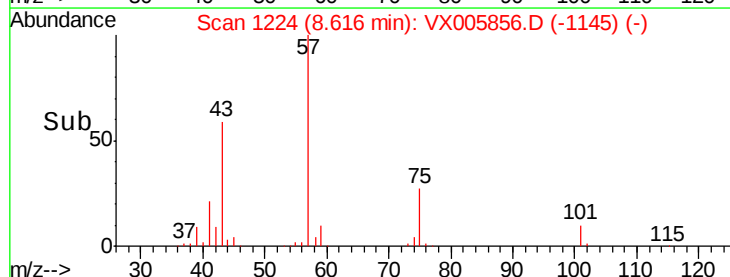
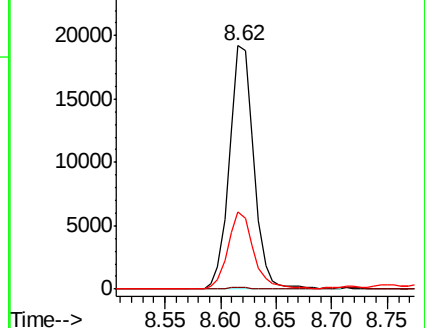
39 31.6 38.2 57.2#

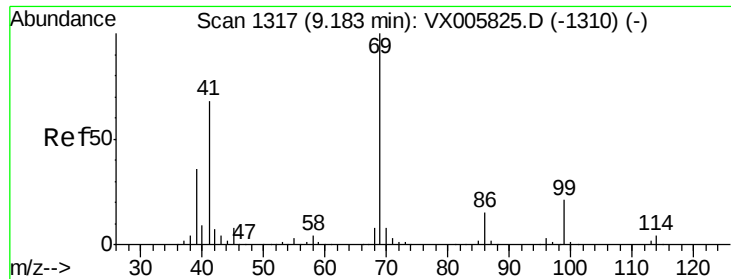


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

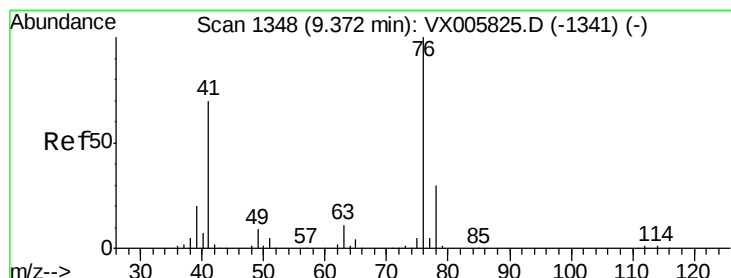
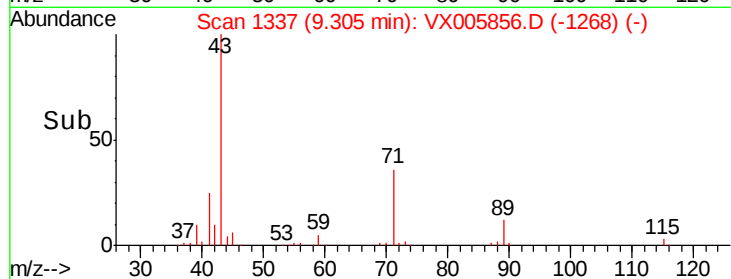
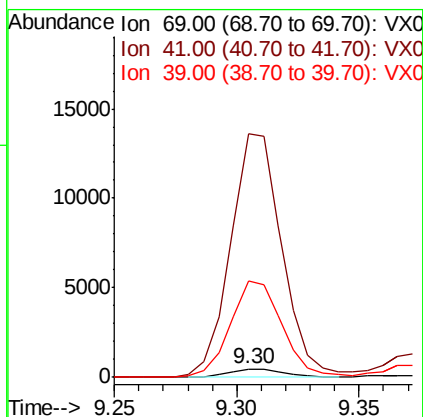
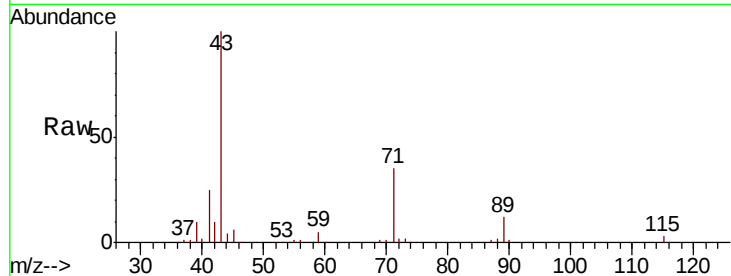




#56
Ethyl methacrylate
Concen: 0.397 ug/l
RT: 9.30 min Scan# 1337
Delta R.T. 0.12 min
Lab File: VX005856.D
Acq: 09 Nov 2018 12:52

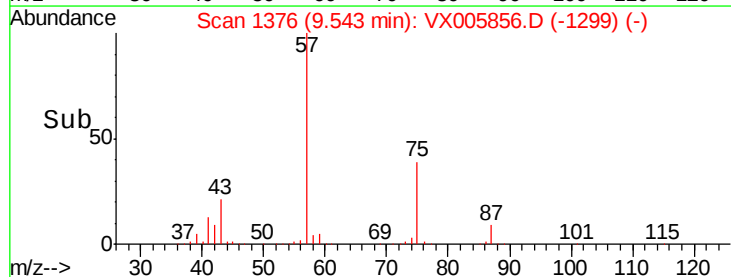
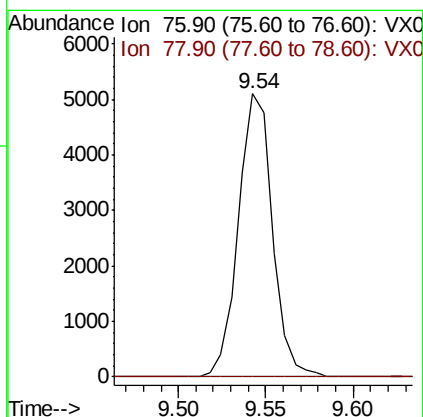
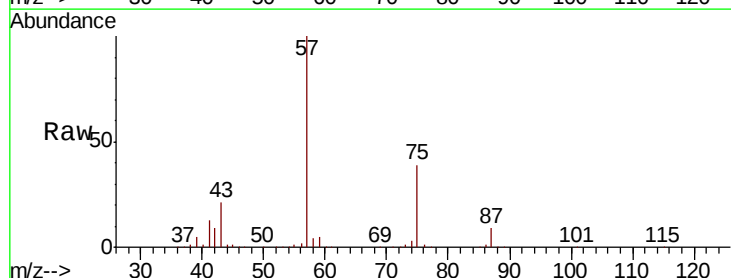
Instrument :
MSVOA_X
ClientSampleId :
PB114659TB

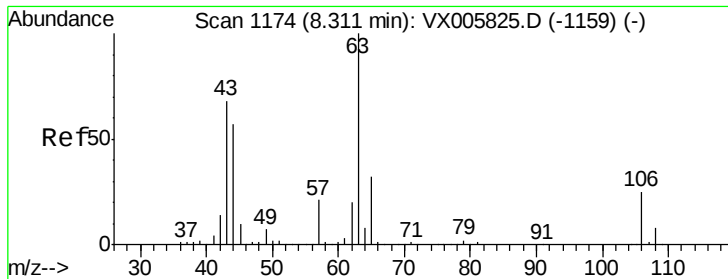
Tot Ion: 69 Resp: 695
Ion Ratio Lower Upper
69 100
41 2867.1 57.0 85.6#
39 1148.2 28.3 42.5#



#57
1,3-Dichloropropane
Concen: 3.503 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX005856.D
Acq: 09 Nov 2018 12:52

Tgt Ion: 76 Resp: 6893
Ion Ratio Lower Upper
76 100
78 0.0 25.3 37.9#

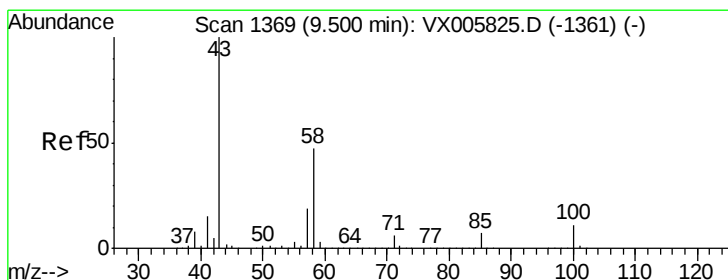
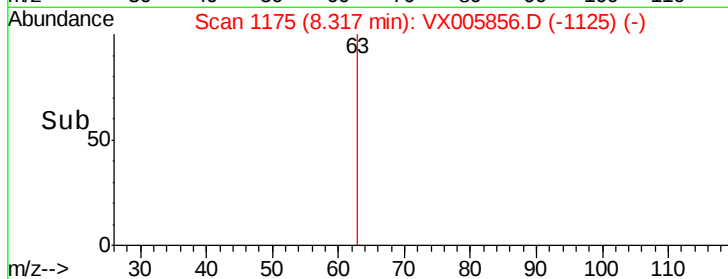
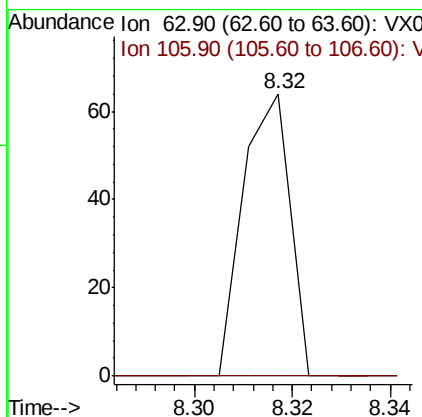
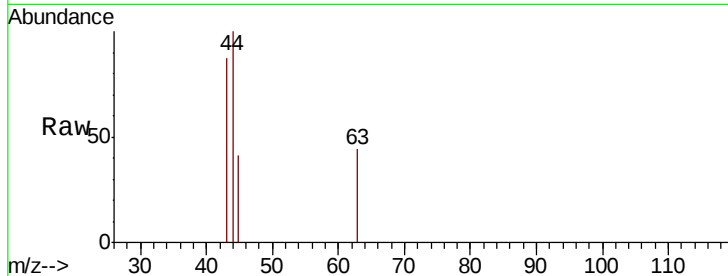




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.321 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005856.D
 Acq: 09 Nov 2018 12:52

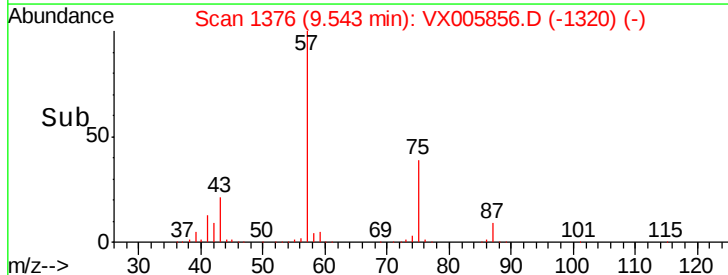
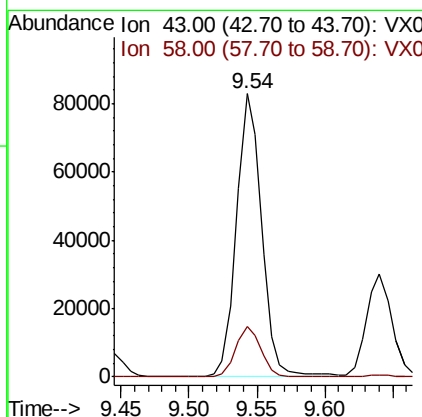
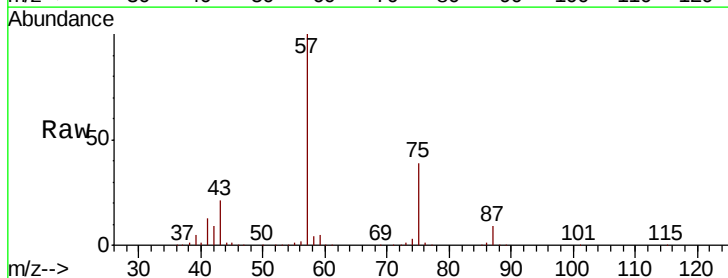
Instrument :
 MSVOA_X
 ClientSampleId :
 PB114659TB

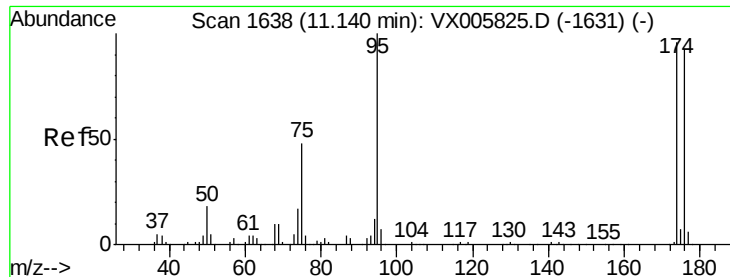
Tot Ion: 63 Resp: 42
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#59
 2-Hexanone
 Concen: 62.660 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.04 min
 Lab File: VX005856.D
 Acq: 09 Nov 2018 12:52

Tgt Ion: 43 Resp: 106966
 Ion Ratio Lower Upper
 43 100
 58 18.3 25.9 77.8#

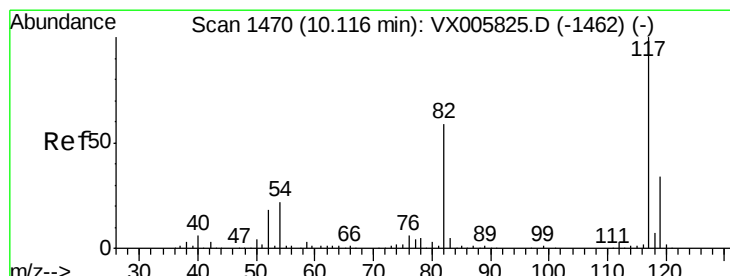
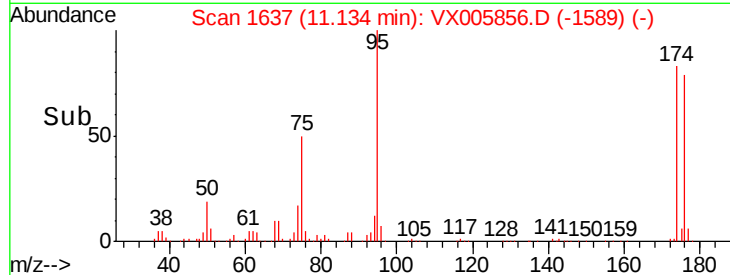
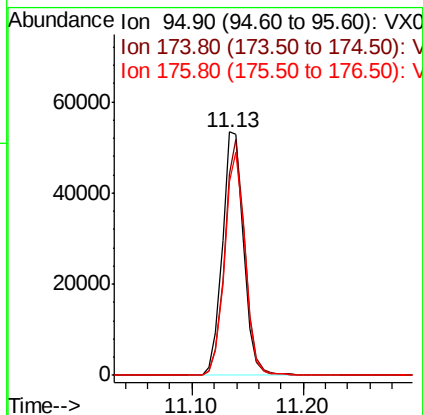
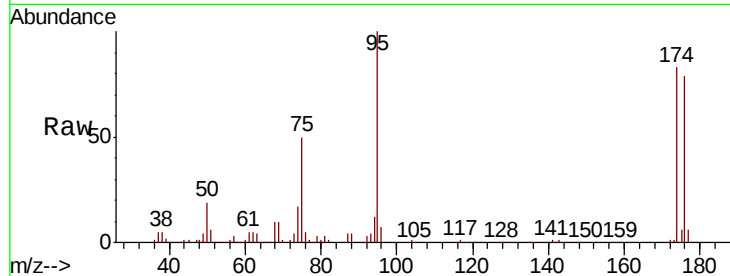




#62
4-Bromofluorobenzene
Concen: 51.661 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX005856.D
Acq: 09 Nov 2018 12:52

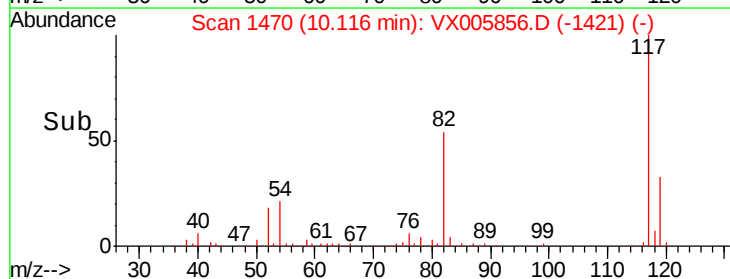
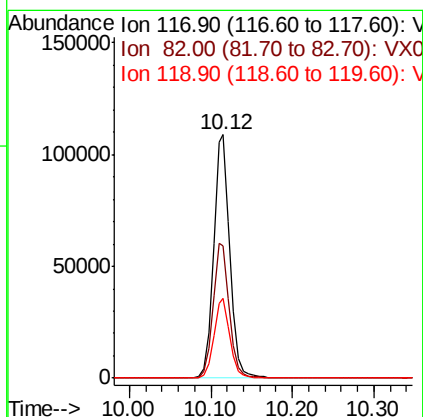
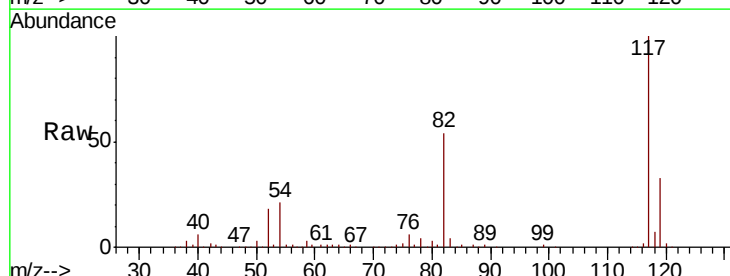
Instrument :
MSVOA_X
ClientSampleId :
PB114659TB

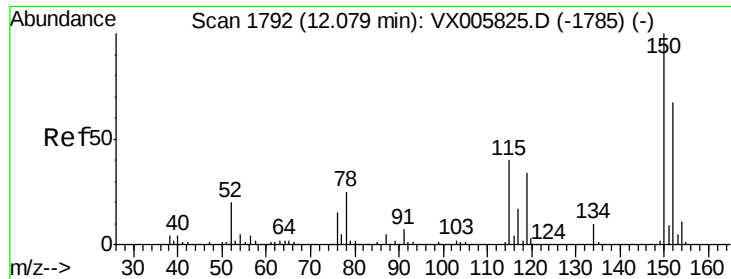
Tot Ion: 95 Resp: 70259
Ion Ratio Lower Upper
95 100
174 92.0 0.0 184.4
176 88.0 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005856.D
Acq: 09 Nov 2018 12:52

Tgt Ion: 117 Resp: 153093
Ion Ratio Lower Upper
117 100
82 54.3 44.1 66.1
119 32.7 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

PB114659TB

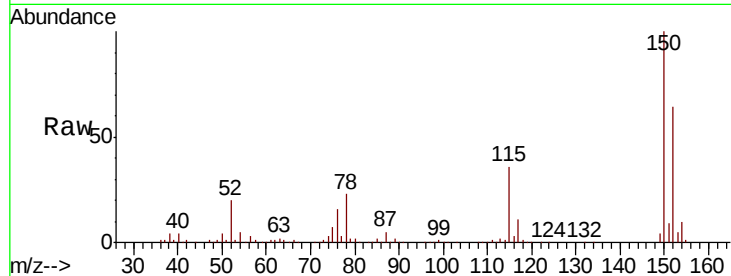
Tot Ion:152 Resp: 73810

Ion Ratio Lower Upper

152 100

115 56.1 39.4 118.1

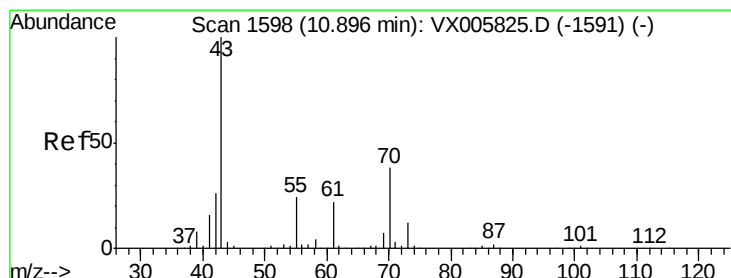
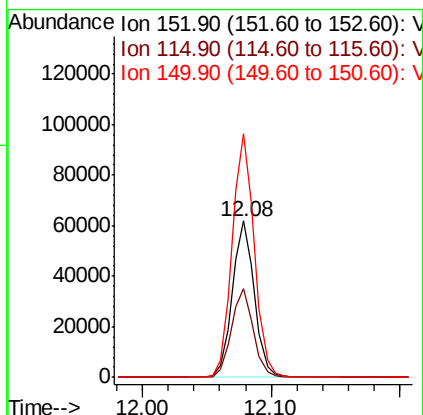
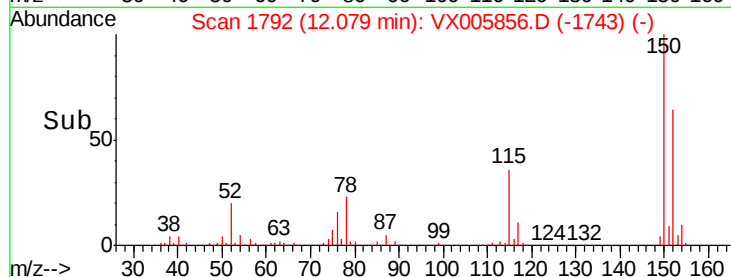
150 156.3 0.0 346.4



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



#74

N-ethyl acetate

Concen: 1.413 ug/l

RT: 10.87 min Scan# 1594

Delta R.T. -0.02 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

Tgt Ion: 43 Resp: 398

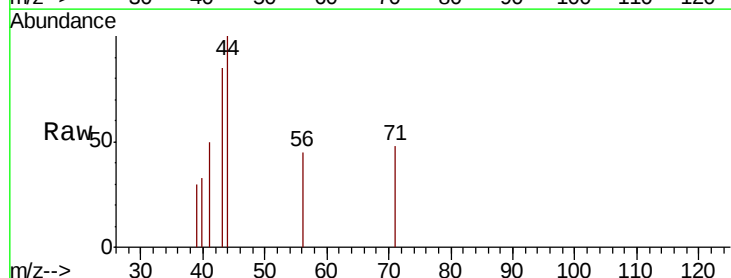
Ion Ratio Lower Upper

43 100

70 0.0 31.6 47.4#

55 0.0 19.7 29.5#

61 0.0 18.3 27.5#

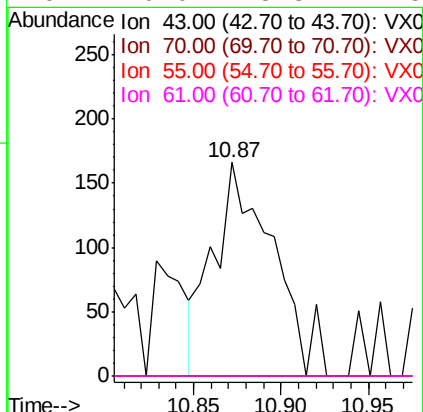
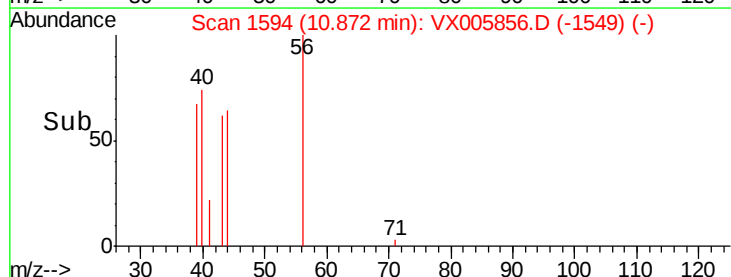


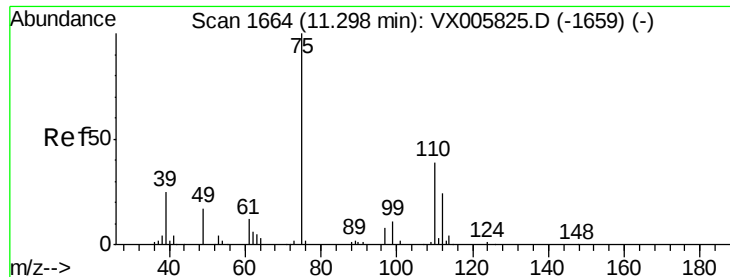
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 23.482 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

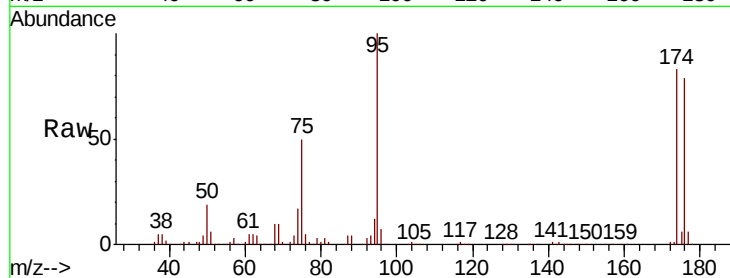
PB114659TB

Tot Ion: 75 Resp: 35292

Ion Ratio Lower Upper

75 100

77 1.3 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX005825.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX005825.D (-1659) (-)

11.13

25000

20000

15000

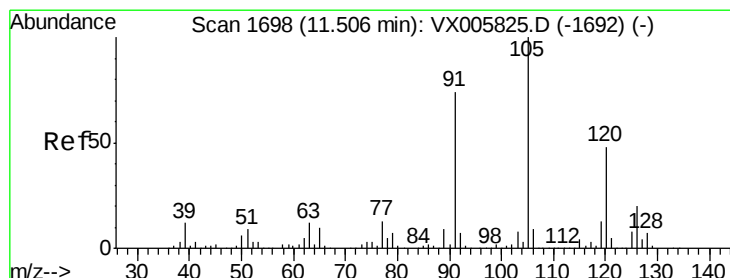
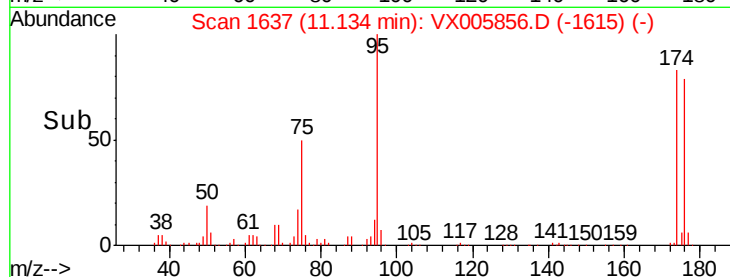
10000

5000

0

Time-->

11.10 11.20



#80

1,3,5-Trimethylbenzene

Concen: 1.744 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005856.D

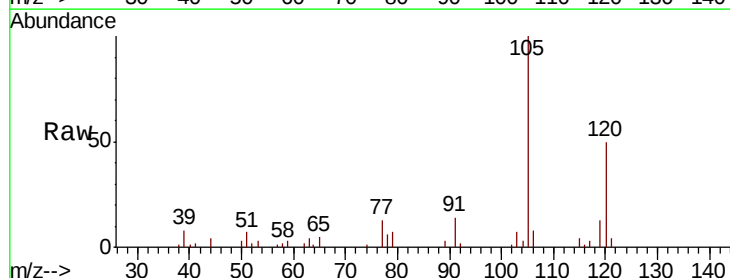
Acq: 09 Nov 2018 12:52

Tgt Ion: 105 Resp: 6327

Ion Ratio Lower Upper

105 100

120 49.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005825.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005825.D (-1692) (-)

11.51

6000

5000

4000

3000

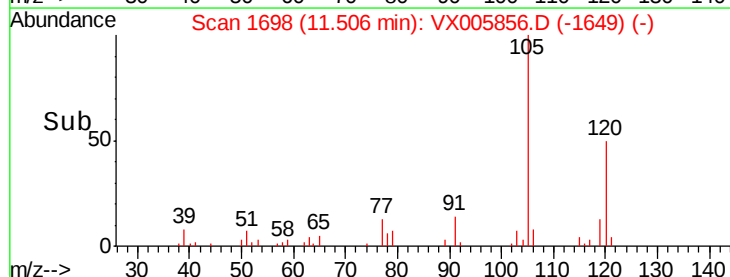
2000

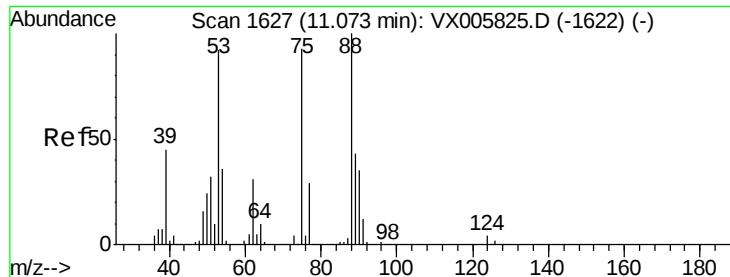
1000

0

Time-->

11.45 11.50 11.55





#81

trans-1,4-Dichloro-2-butene

Concen: 74.841 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

PB114659TB

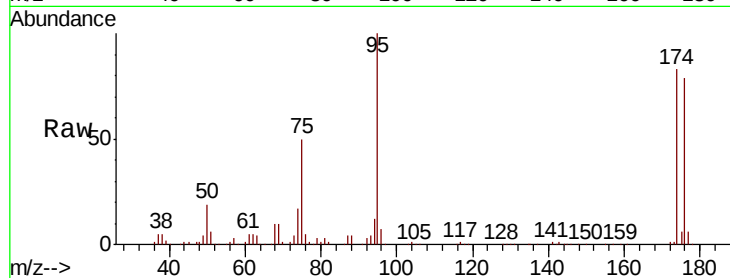
Tot Ion: 75 Resp: 35292

Ion Ratio Lower Upper

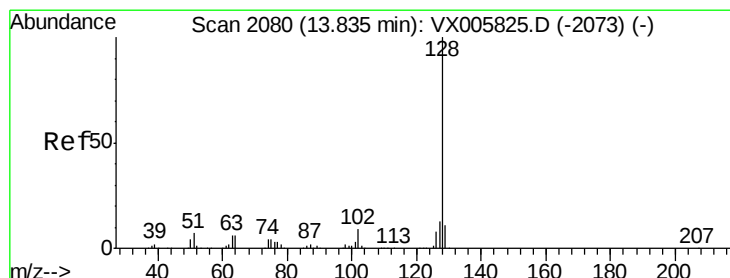
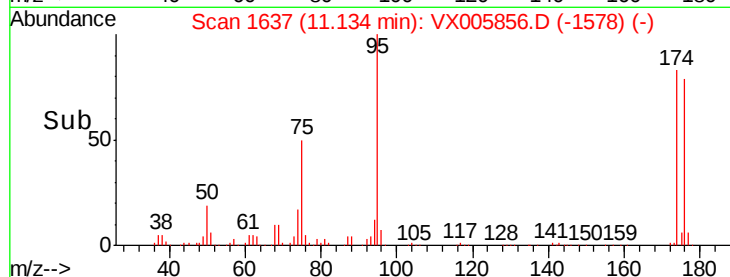
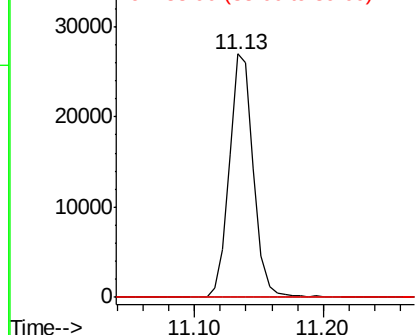
75 100

53 0.1 80.2 120.2#

89 0.0 39.8 59.8#



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



#95

Naphthalene

Concen: 1.329 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005856.D

Acq: 09 Nov 2018 12:52

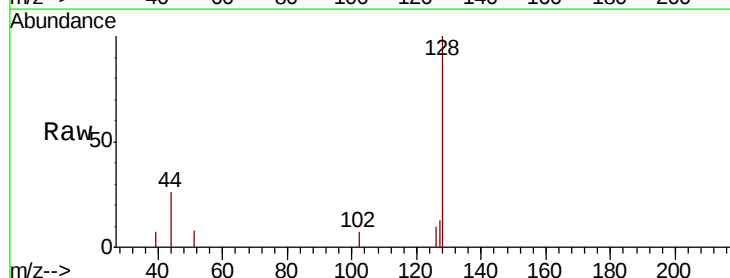
Tgt Ion: 128 Resp: 824

Ion Ratio Lower Upper

128 100

127 9.6 10.4 15.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

