

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005103.D
 Acq On : 06 Oct 2018 08:39
 Operator : JC/MD
 Sample : J5204-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-100318-B

Quant Time: Oct 08 00:57:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

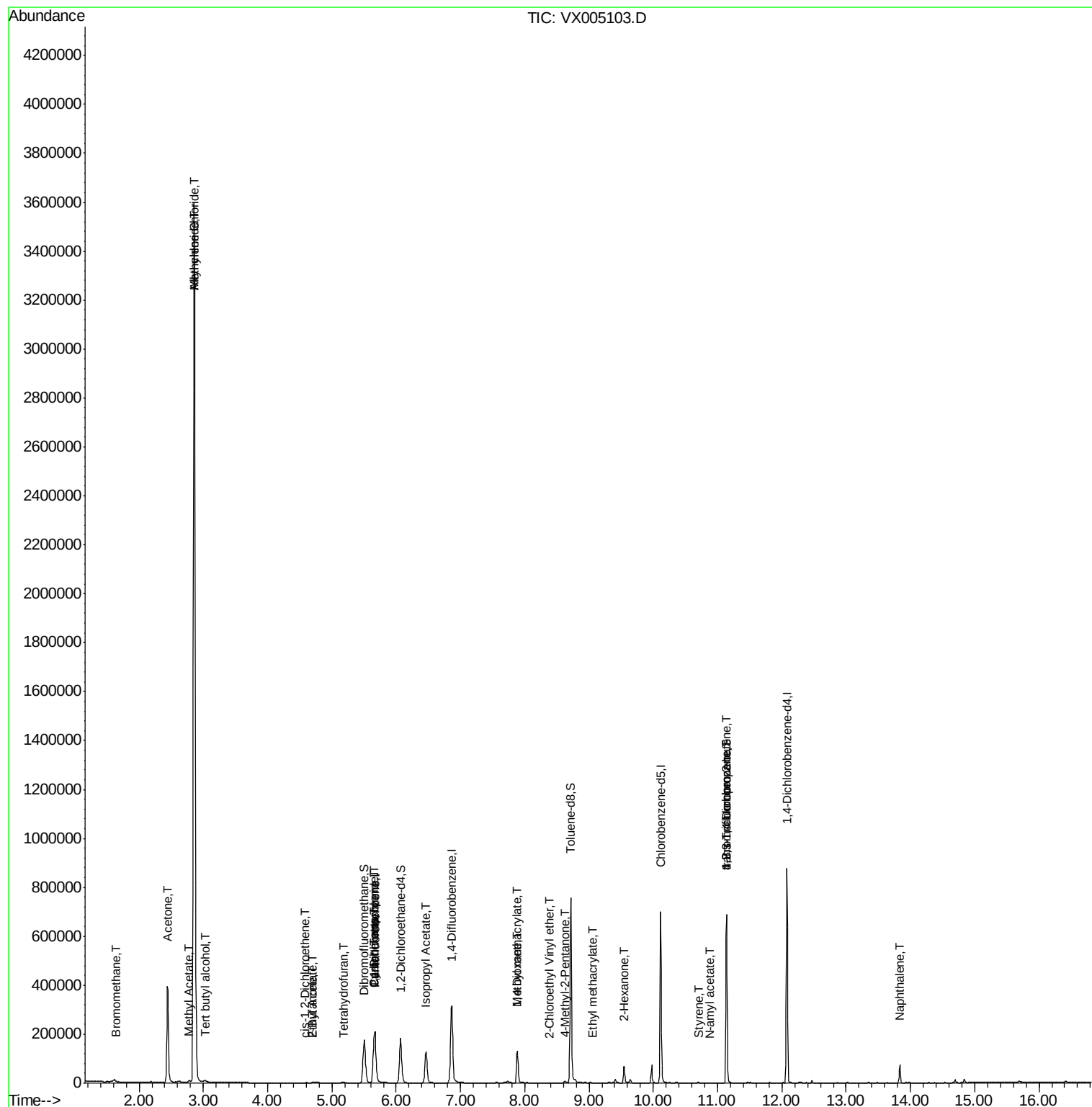
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228323	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	340798	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	168373	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	5.51	113	139613	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
50) Toluene-d8	8.71	98	473928	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.14	95	173709	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.65	94	492	0.234	ug/l #	73
6) Chloroethane	1.73	64	211	Below Cal	#	50
11) Tert butyl alcohol	3.02	59	4239	4.648	ug/l #	72
14) Allyl chloride	2.85	41	75239	13.938	ug/l #	32
16) Acetone	2.44	43	406848	213.660	ug/l	90
18) Methyl Acetate	2.78	43	6783	1.406	ug/l	97
20) Methylene Chloride	2.85	84	1610716	590.858	ug/l #	81
25) 2-Butanone	4.70	43	5659	2.016	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	790	0.261	ug/l	61
29) Tetrahydrofuran	5.17	42	2277	1.305	ug/l #	89
31) Cyclohexane	5.66	56	4000	0.964	ug/l #	24
36) 1,1-Dichloropropene	5.66	75	16493	4.185	ug/l #	45
37) Ethyl Acetate	4.70	43	5659	1.082	ug/l #	69
38) Carbon Tetrachloride	5.66	117	19532	4.715	ug/l #	17
43) Isopropyl Acetate	6.46	43	171390	22.701	ug/l	97
48) Methyl methacrylate	7.88	41	12445	3.632	ug/l #	43
49) 1,4-Dioxane	7.88	88	46	0.540	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	2222	0.467	ug/l #	37
56) Ethyl methacrylate	9.06	69	109	2.883	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.38	63	20	14.249	ug/l #	49
59) 2-Hexanone	9.55	43	8046	2.031	ug/l #	55
70) Styrene	10.71	104	440	2.187	ug/l #	80
74) N-ethyl acetate	10.89	43	95	1.762	ug/l #	22
76) 1,2,3-Trichloropropane	11.14	75	85710	20.961	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	828	Below Cal		96
81) trans-1,4-Dichloro-2-buten	11.14	75	85710	56.884	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	976	Below Cal		98
95) Naphthalene	13.83	128	43462	3.542	ug/l	99

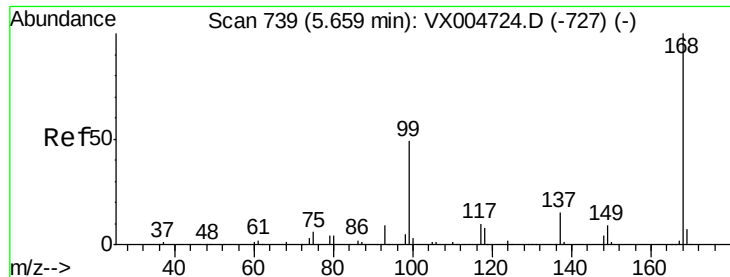
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

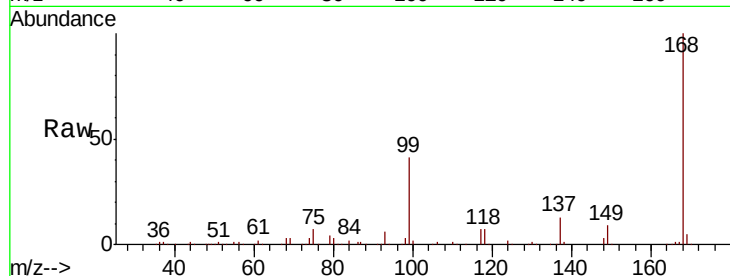
SU-04-100318-B

Tot Ion:168 Resp: 228323

Ion Ratio Lower Upper

168 100

99 40.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX004724.D (-727) (-)

5.67

80000

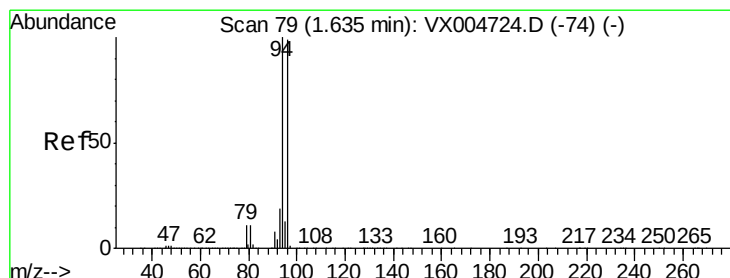
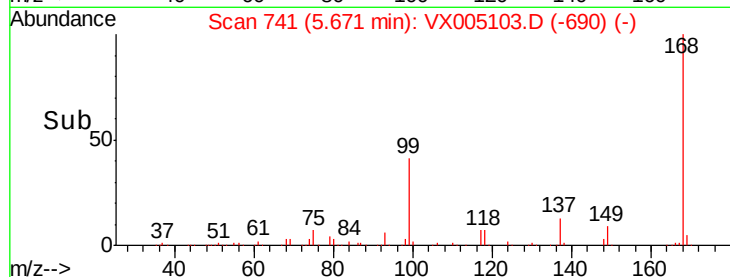
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.234 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX005103.D

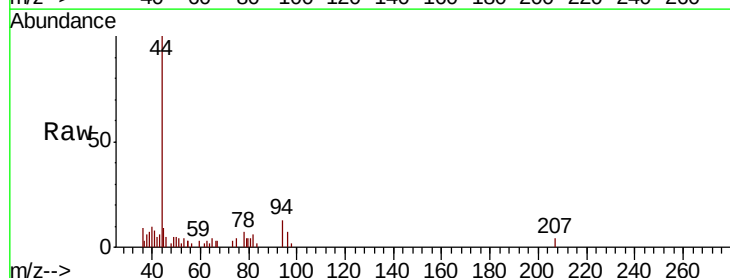
Acq: 06 Oct 2018 08:39

Tgt Ion: 94 Resp: 492

Ion Ratio Lower Upper

94 100

96 72.1 79.5 119.3#



Abundance Ion 93.90 (93.60 to 94.60): VX004724.D (-74) (-)

Ion 95.90 (95.60 to 96.60): VX004724.D (-74) (-)

1.65

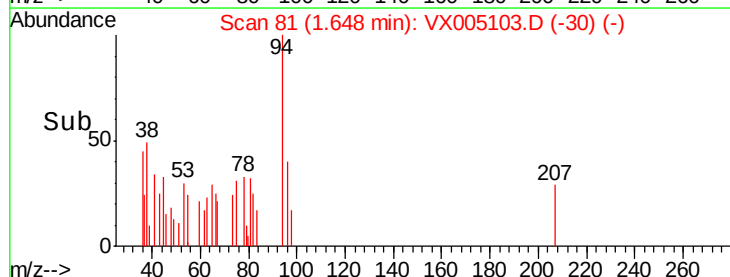
300

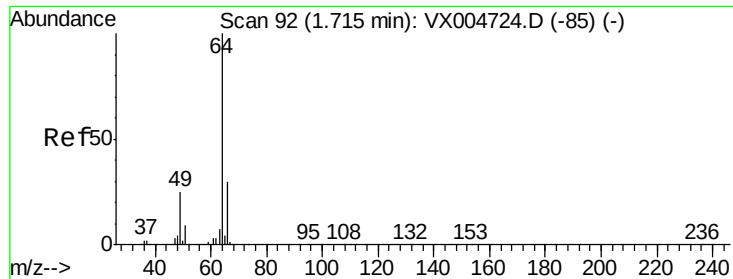
200

100

0

Time--> 1.55 1.60 1.65





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

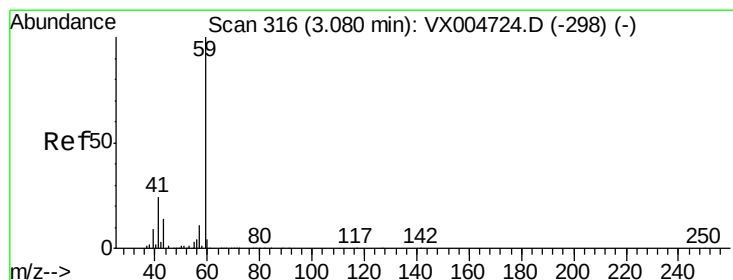
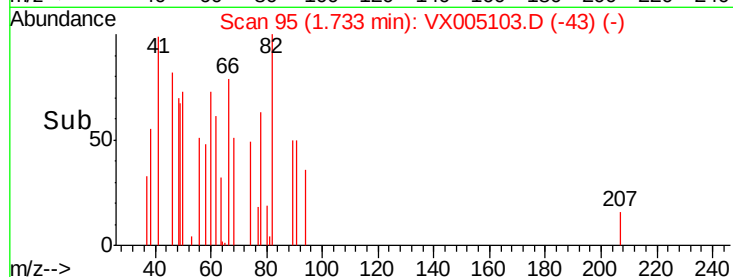
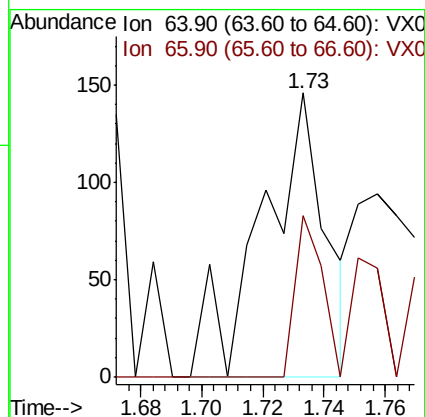
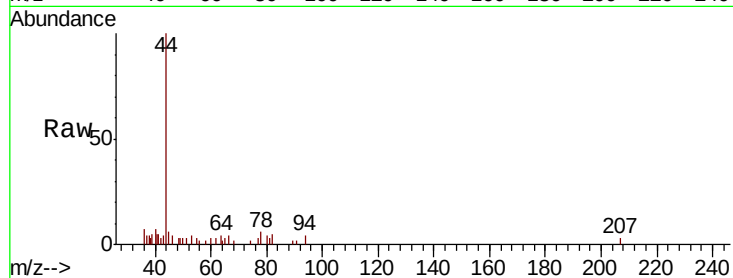
SU-04-100318-B

Tot Ion: 64 Resp: 211

Ion Ratio Lower Upper

64 100

66 56.8 23.8 35.6#



#11

Tert butyl alcohol

Concen: 4.648 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX005103.D

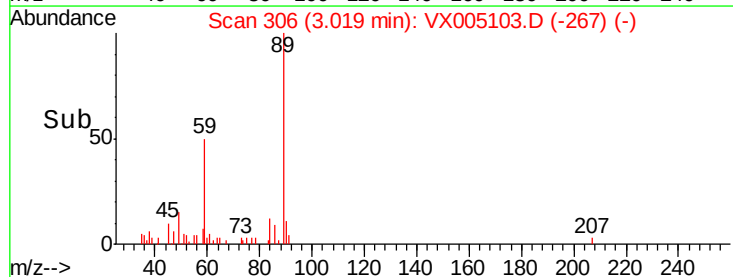
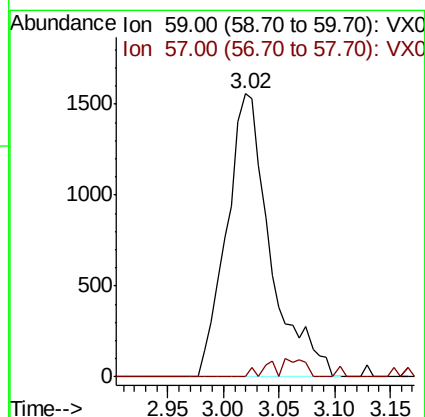
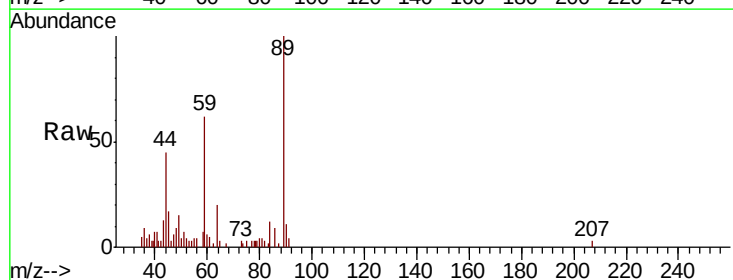
Acq: 06 Oct 2018 08:39

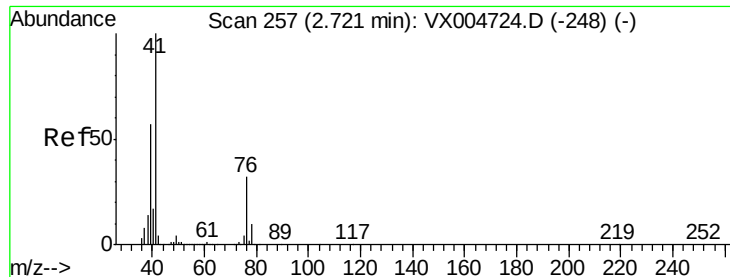
Tgt Ion: 59 Resp: 4239

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#





#14

Allvl chloride

Concen: 13.938 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.13 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

SU-04-100318-B

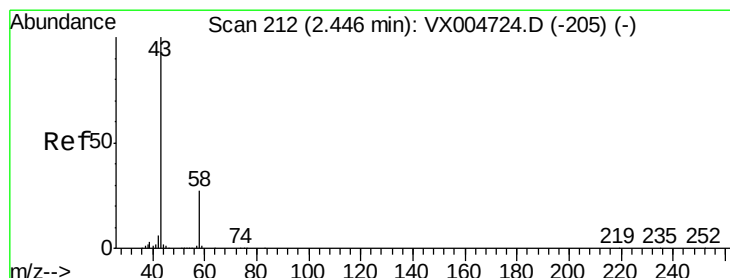
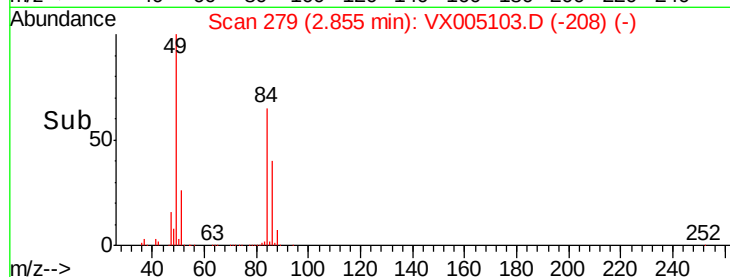
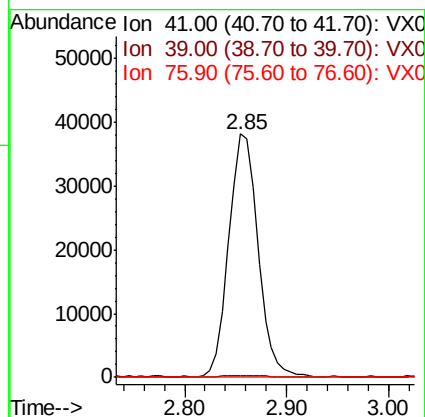
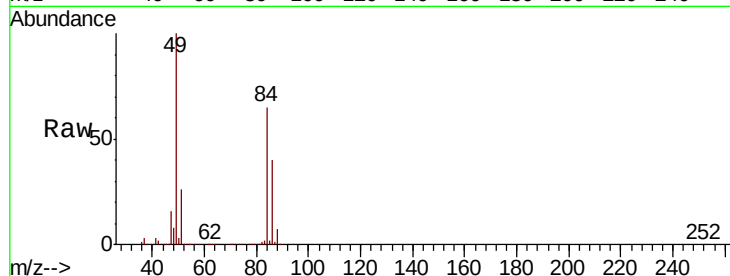
Tot Ion: 41 Resp: 75239

Ion Ratio Lower Upper

41 100

39 0.7 44.1 66.1#

76 0.0 25.0 37.4#



#16

Acetone

Concen: 213.660 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005103.D

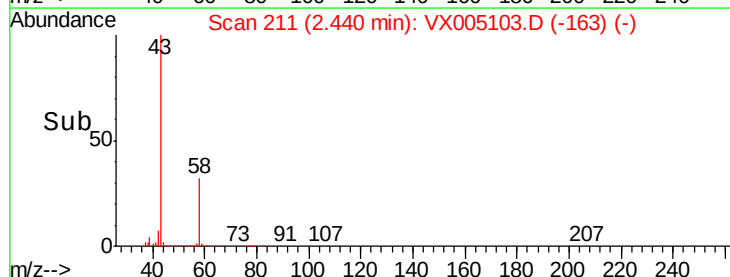
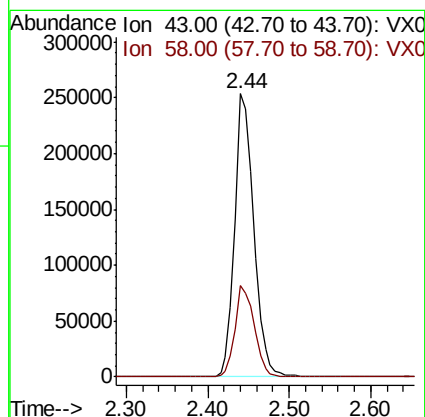
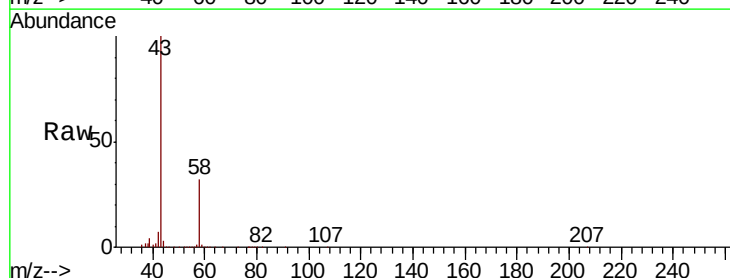
Acq: 06 Oct 2018 08:39

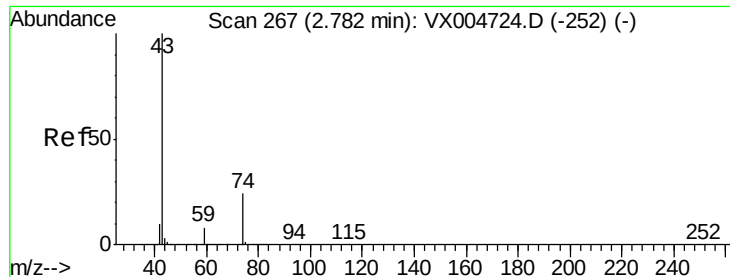
Tgt Ion: 43 Resp: 406848

Ion Ratio Lower Upper

43 100

58 32.4 21.8 32.6

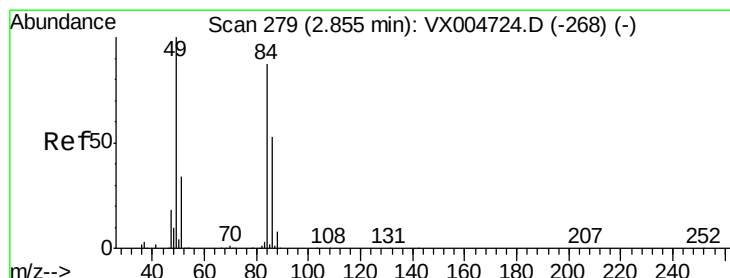
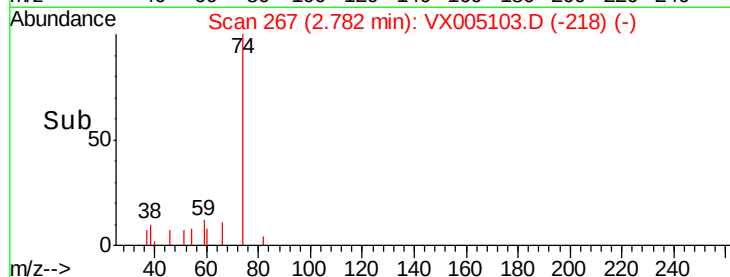
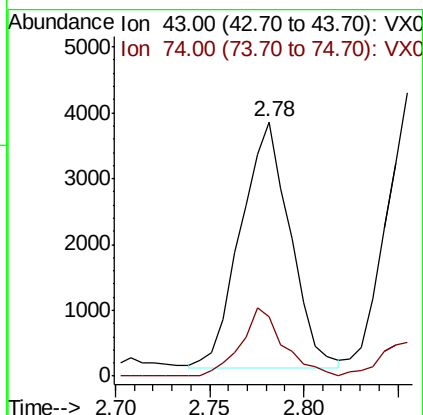
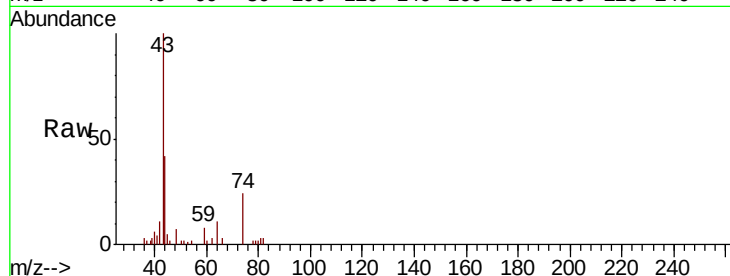




#18
Methvl Acetate
Concen: 1.406 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005103.D
Acq: 06 Oct 2018 08:39

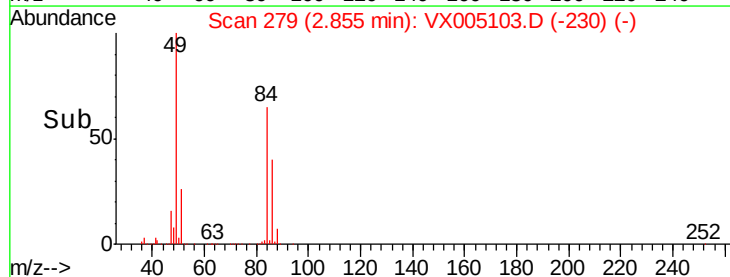
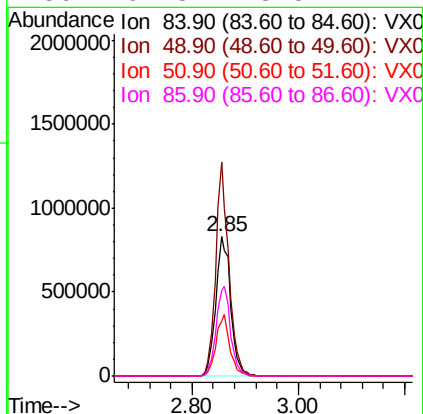
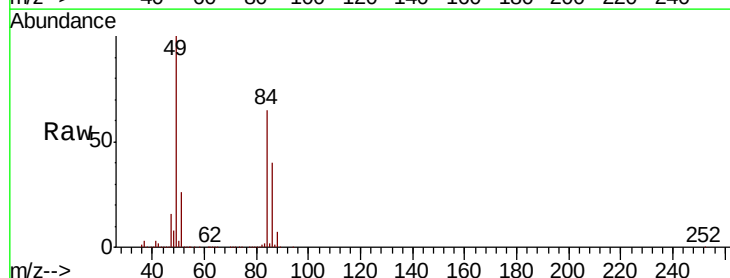
Instrument :
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ClientSampleId :
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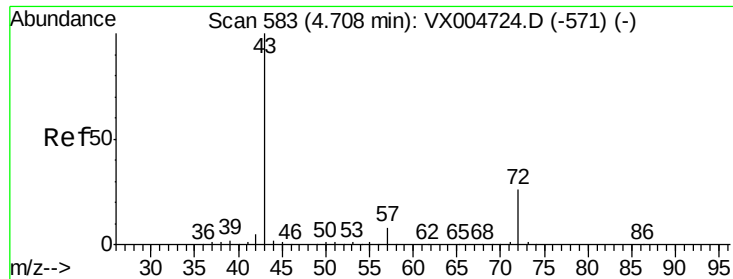
Tot Ion: 43 Resp: 6783
Ion Ratio Lower Upper
43 100
74 23.9 17.8 26.8



#20
Methylene Chloride
Concen: 590.858 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005103.D
Acq: 06 Oct 2018 08:39

Tgt Ion: 84 Resp: 1610716
Ion Ratio Lower Upper
84 100
49 153.1 92.3 138.5#
51 39.3 31.8 47.6
86 61.8 48.5 72.7

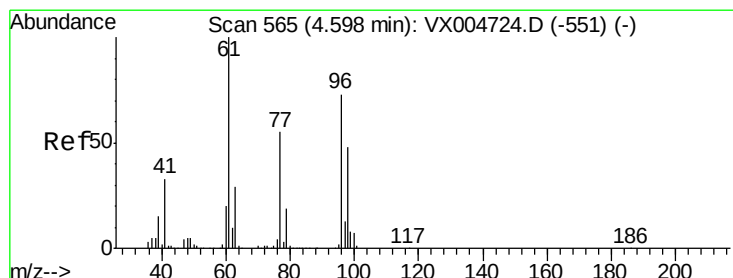
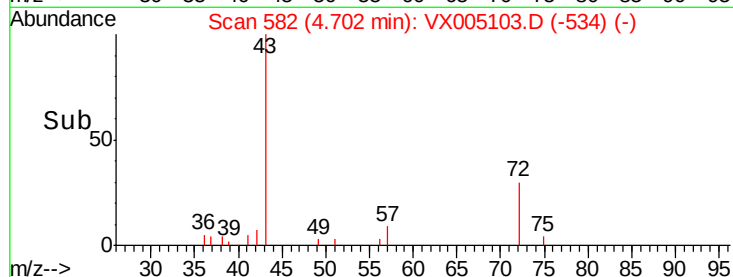
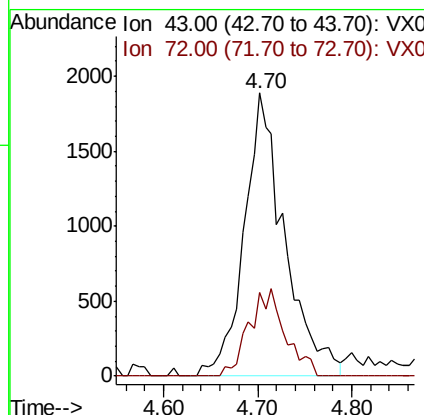
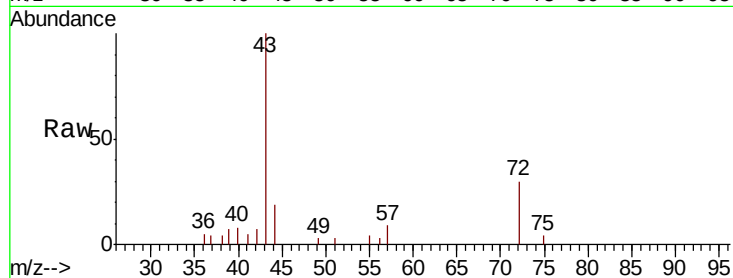




#25
2-Butanone
Concen: 2.016 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005103.D
Acq: 06 Oct 2018 08:39

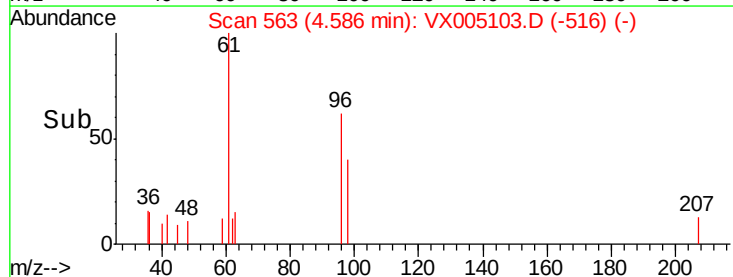
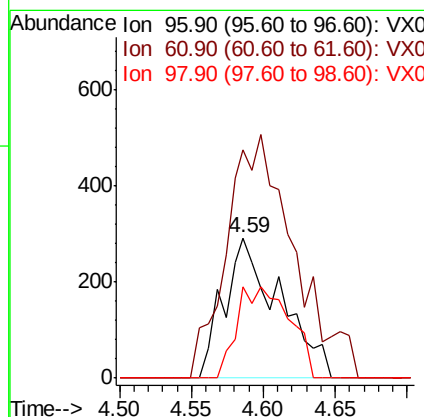
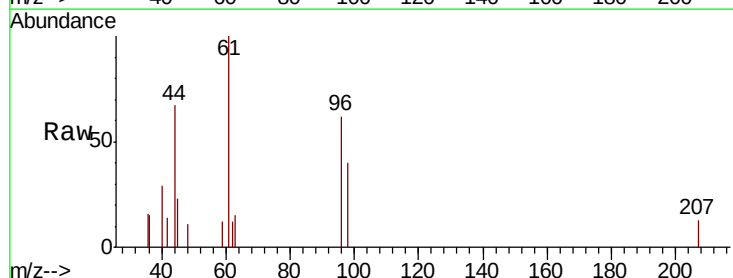
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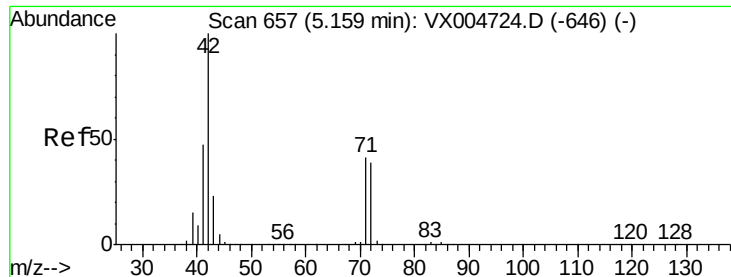
Tot Ion: 43 Resp: 5659
Ion Ratio Lower Upper
43 100
72 29.6 20.8 31.2



#27
cis-1,2-Dichloroethene
Concen: 0.261 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.01 min
Lab File: VX005103.D
Acq: 06 Oct 2018 08:39

Tgt Ion: 96 Resp: 790
Ion Ratio Lower Upper
96 100
61 208.7 0.0 285.8
98 61.5 0.0 136.2





#29

Tetrahydrofuran

Concen: 1.305 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

SU-04-100318-B

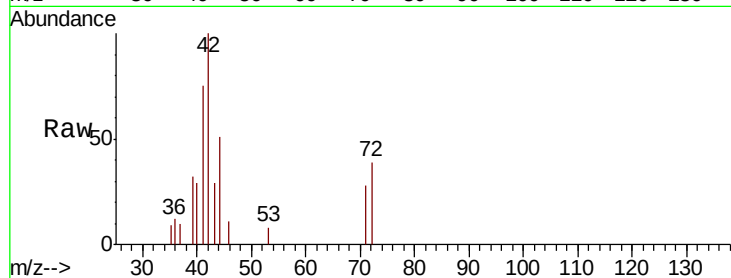
Tot Ion: 42 Resp: 2277

Ion Ratio Lower Upper

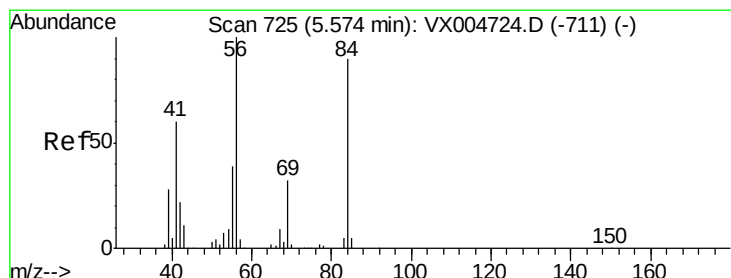
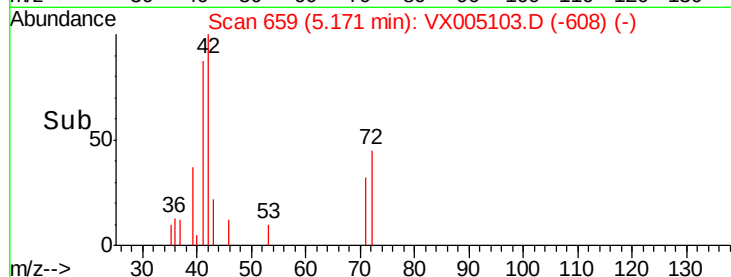
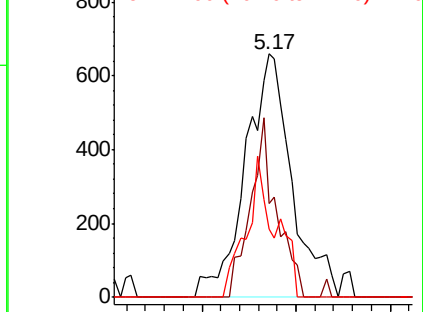
42 100

72 41.1 33.7 50.5

71 27.4 32.2 48.4#



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



#31

Cyclohexane

Concen: 0.964 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

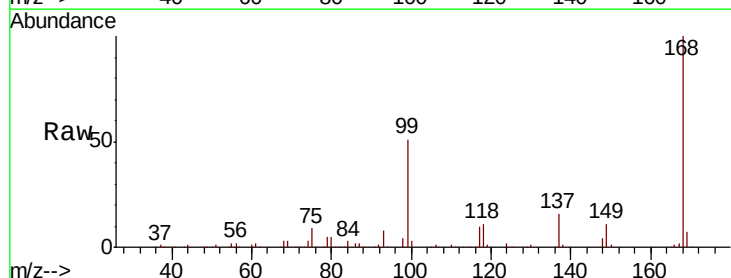
Tgt Ion: 56 Resp: 4000

Ion Ratio Lower Upper

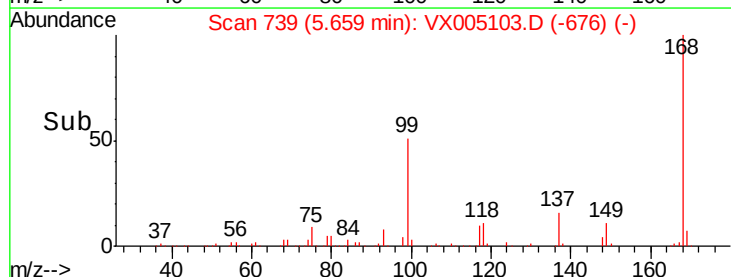
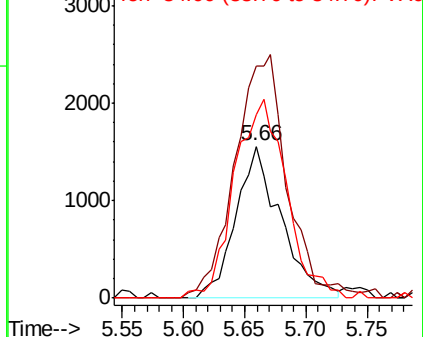
56 100

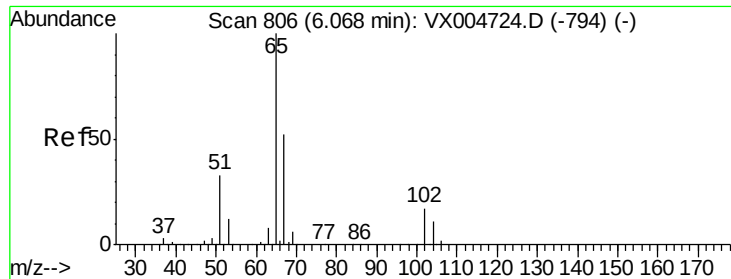
69 149.3 25.9 38.9#

84 116.2 71.9 107.9#



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

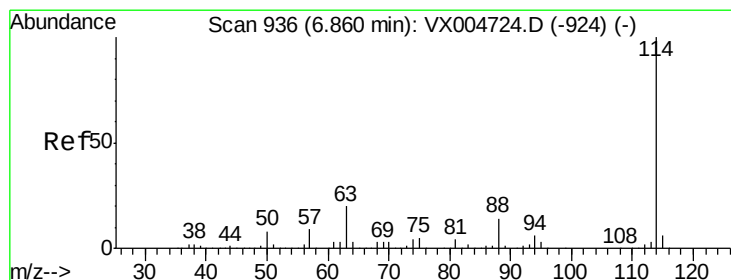
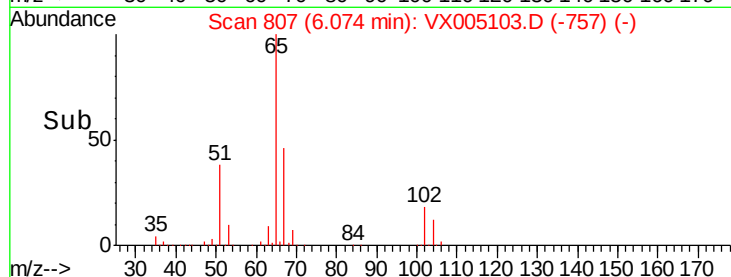
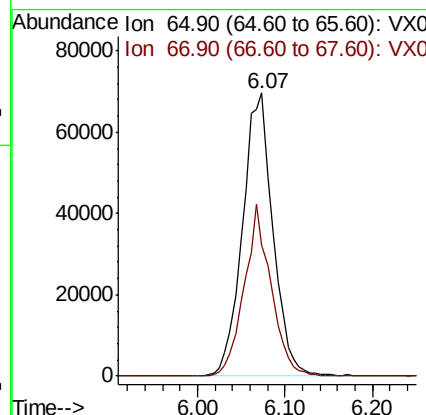
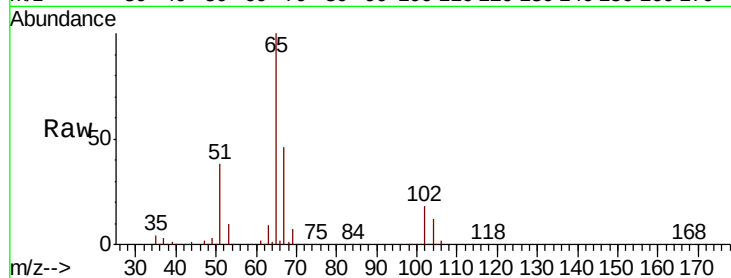




#33
 1,2-Dichloroethane-d4
 Concen: 51.623 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005103.D
 Acq: 06 Oct 2018 08:39

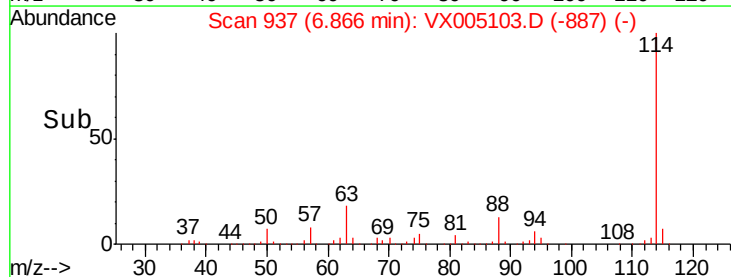
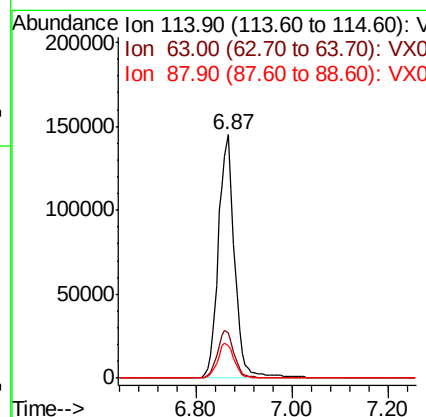
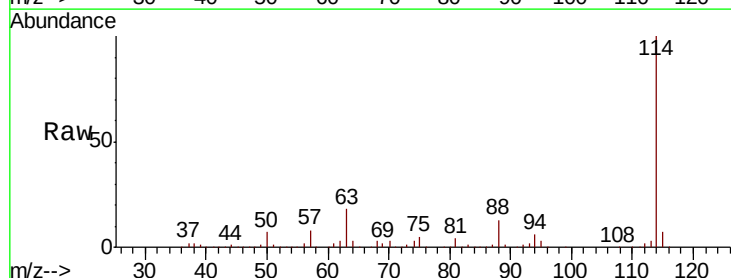
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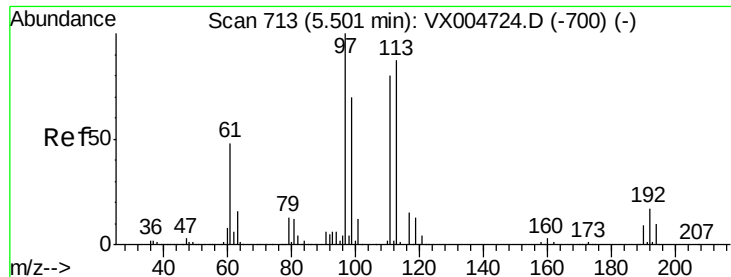
Tot Ion: 65 Resp: 168373
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005103.D
 Acq: 06 Oct 2018 08:39

Tgt Ion: 114 Resp: 340798
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.8
 88 13.5 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.337 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

SU-04-100318-B

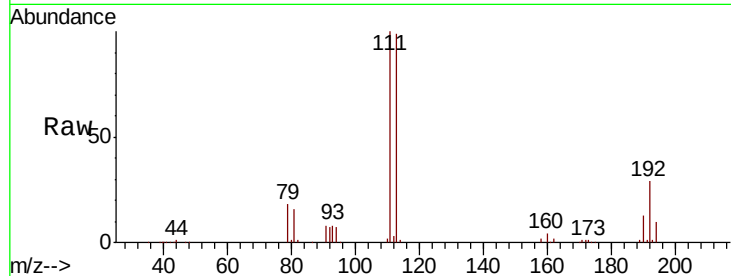
Tot Ion:113 Resp: 139613

Ion Ratio Lower Upper

113 100

111 108.0 77.0 115.4

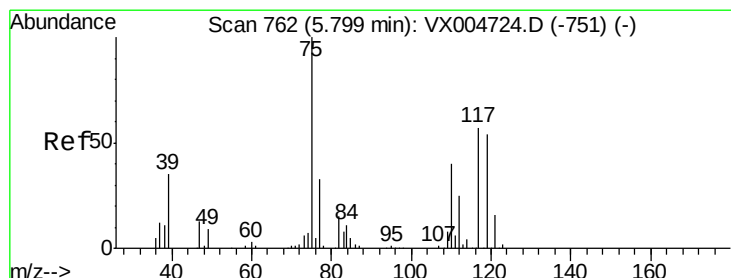
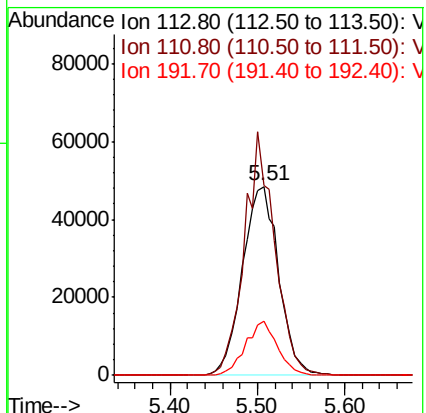
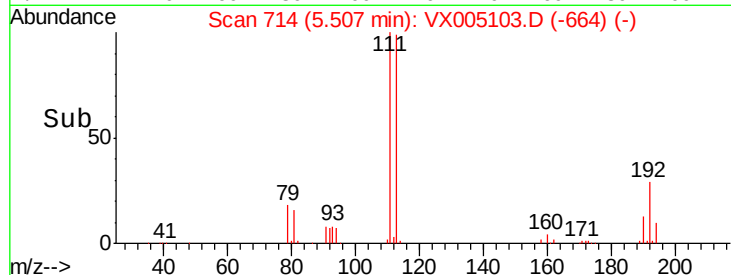
192 25.5 17.0 25.6



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: 4.185 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

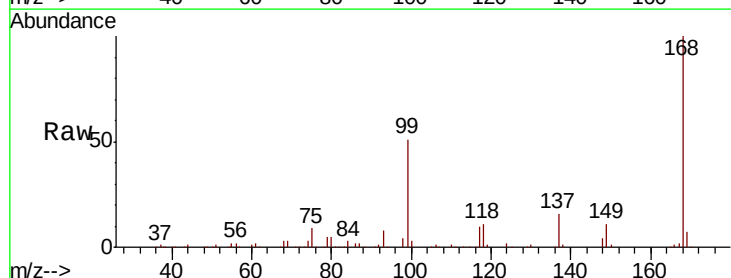
Tgt Ion: 75 Resp: 16493

Ion Ratio Lower Upper

75 100

110 8.7 20.0 59.9#

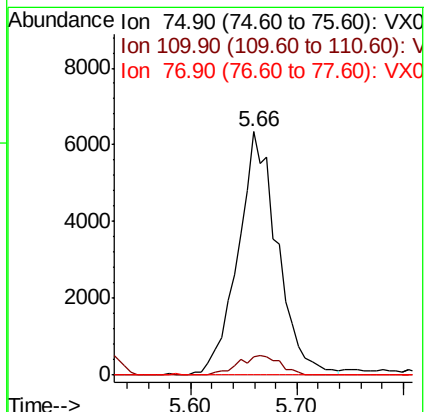
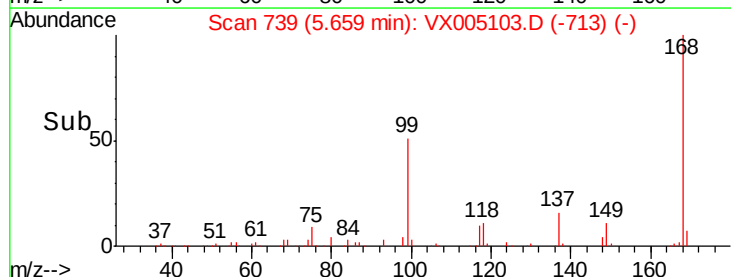
77 0.0 27.1 40.7#

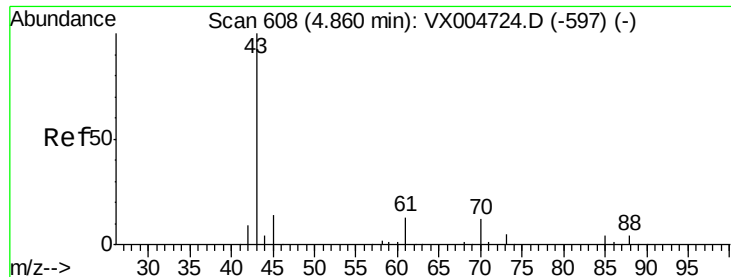


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.082 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.16 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

SU-04-100318-B

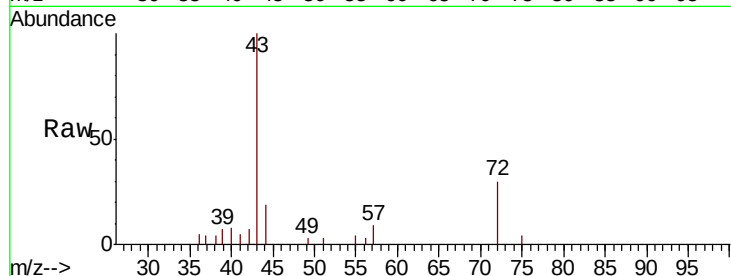
Tot Ion: 43 Resp: 5659

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

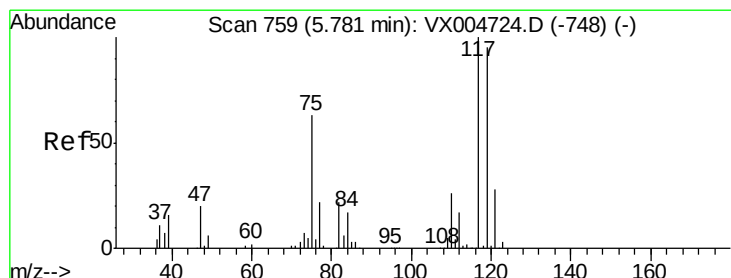
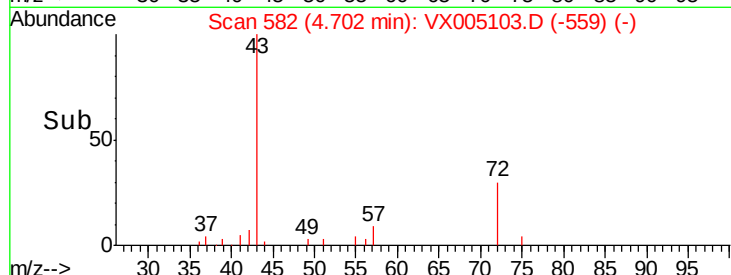
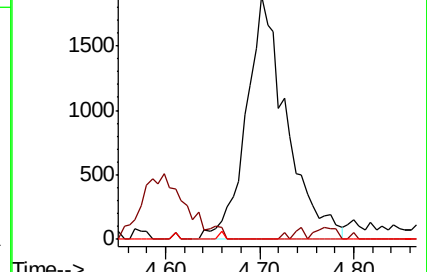
70 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX004724.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX004724.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 4.715 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

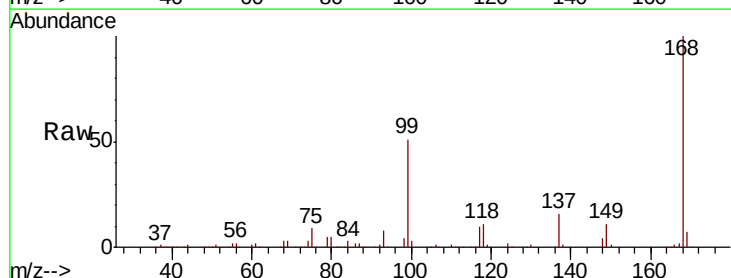
Tgt Ion: 117 Resp: 19532

Ion Ratio Lower Upper

117 100

119 5.0 75.2 112.8#

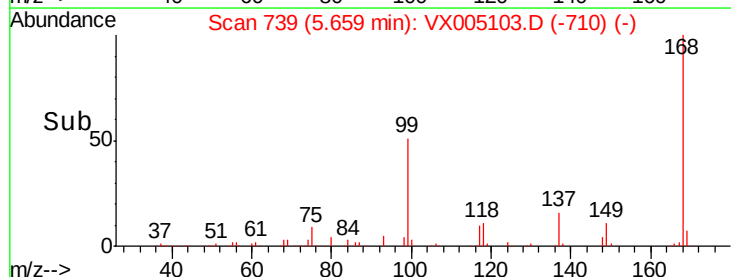
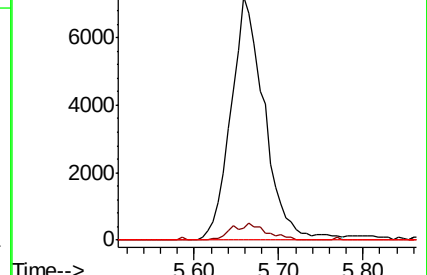
121 0.0 22.5 33.7#

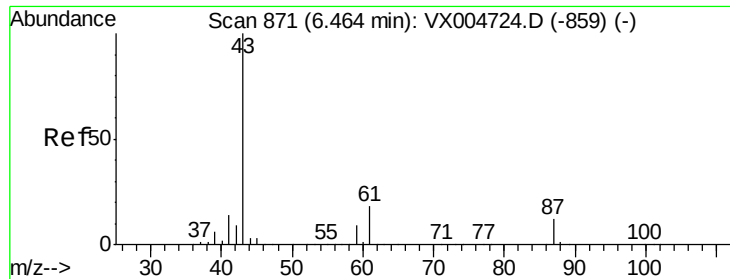


Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX004724.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX004724.D (-748) (-)





#43

Isopropyl Acetate

Concen: 22.701 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

SU-04-100318-B

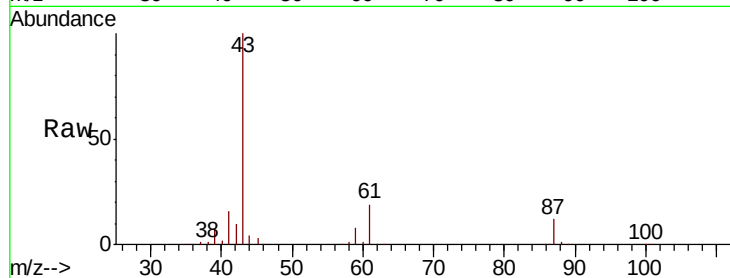
Tot Ion: 43 Resp: 171390

Ion Ratio Lower Upper

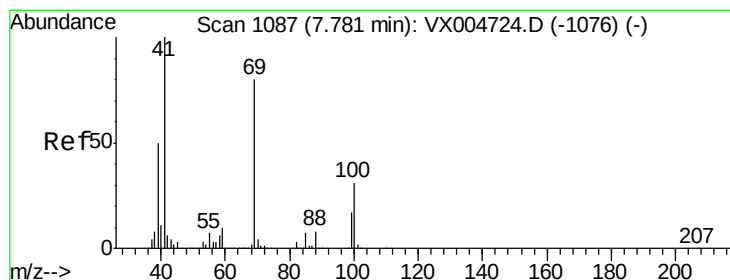
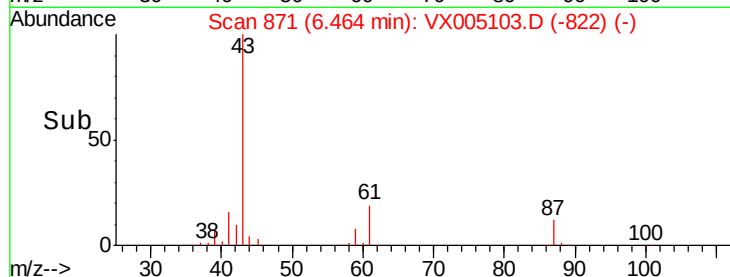
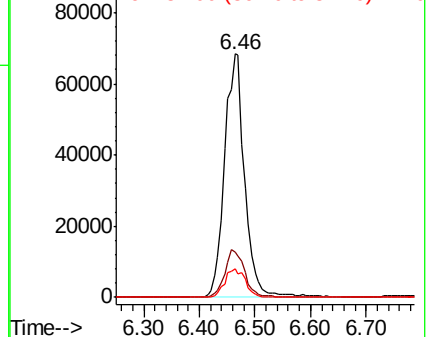
43 100

61 19.4 14.2 21.4

87 12.0 9.3 13.9



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: 3.632 ug/l

RT: 7.88 min Scan# 1104

Delta R.T. 0.10 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

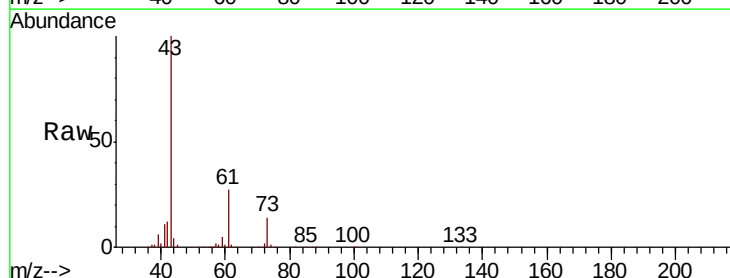
Tgt Ion: 41 Resp: 12445

Ion Ratio Lower Upper

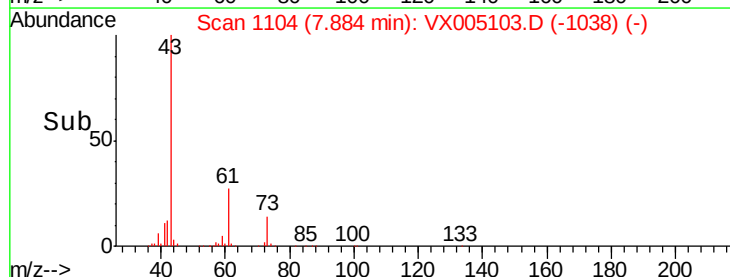
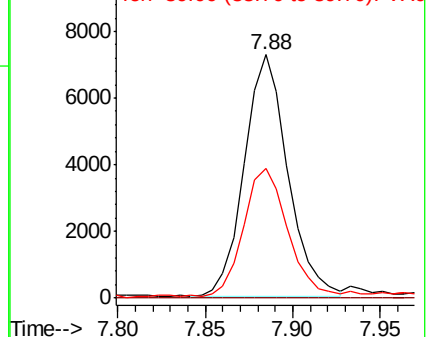
41 100

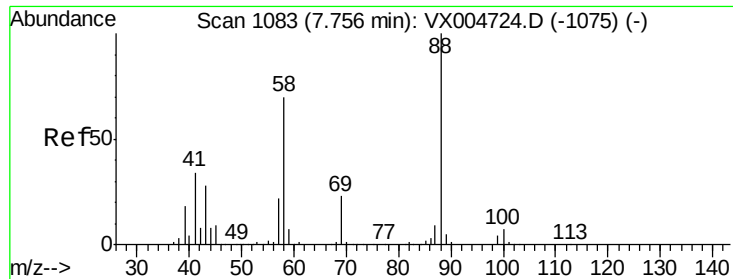
69 0.0 63.8 95.6#

39 54.3 40.7 61.1



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: 0.540 ug/l

RT: 7.88 min Scan# 1104

Delta R.T. 0.13 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

SU-04-100318-B

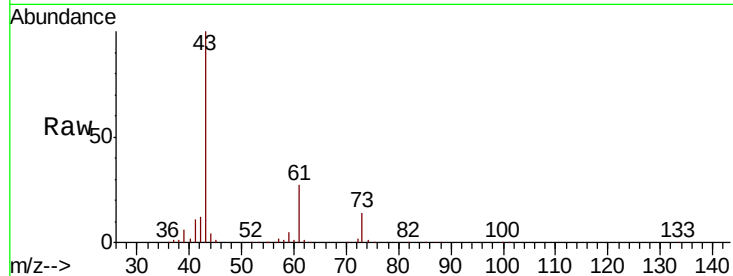
Tot Ion: 88 Resp: 46

Ion Ratio Lower Upper

88 100

43 264010.9 25.1 37.7#

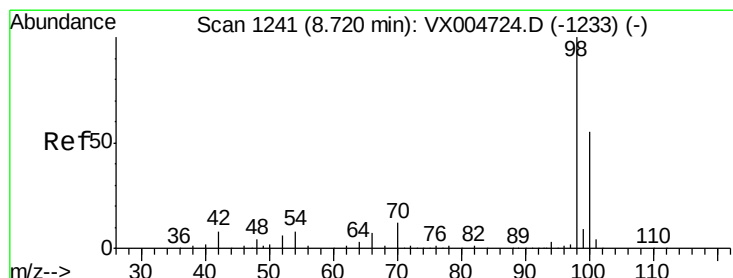
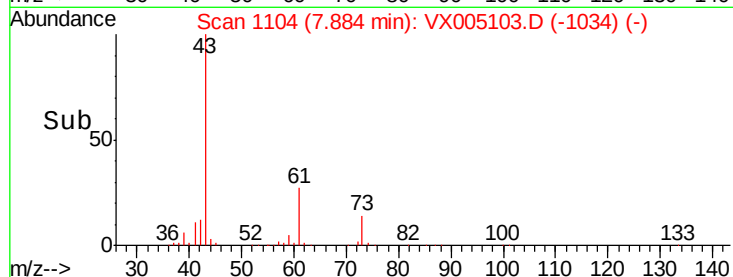
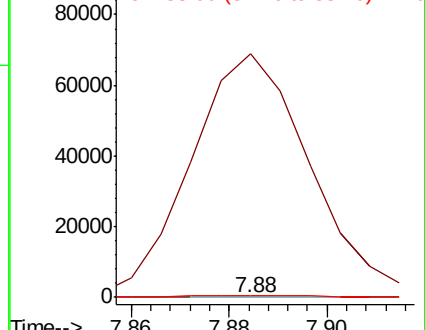
58 2637.0 56.2 84.2#



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: 49.356 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX005103.D

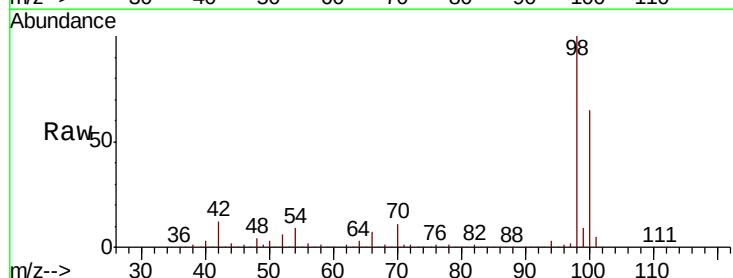
Acq: 06 Oct 2018 08:39

Tgt Ion: 98 Resp: 473928

Ion Ratio Lower Upper

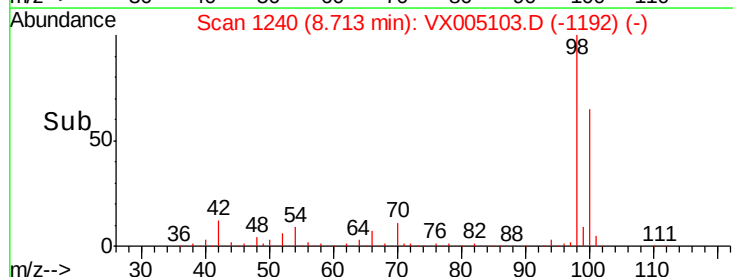
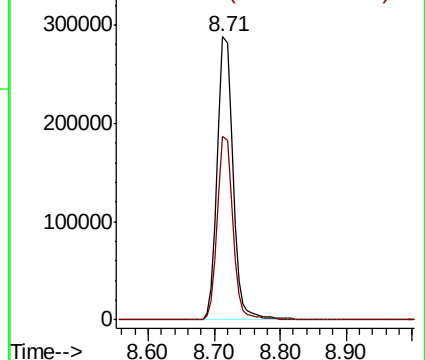
98 100

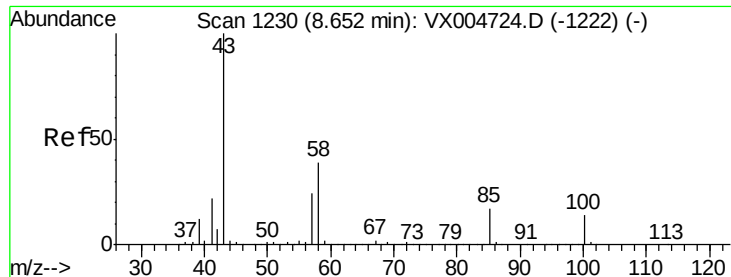
100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.467 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. -0.03 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

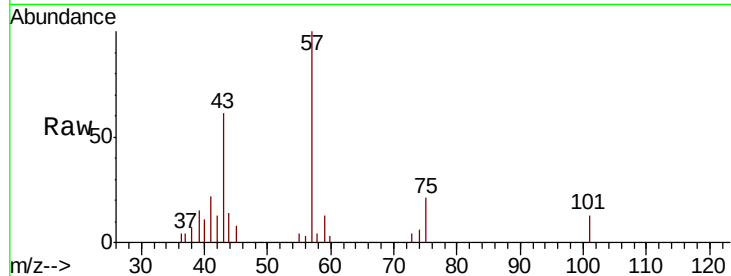
SU-04-100318-B

Tot Ion: 43 Resp: 2222

Ion Ratio Lower Upper

43 100

58 0.0 30.5 45.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

1500

1000

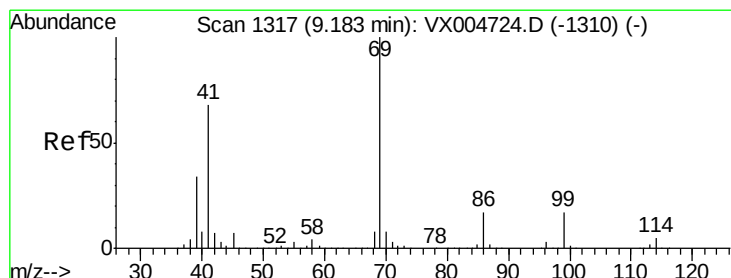
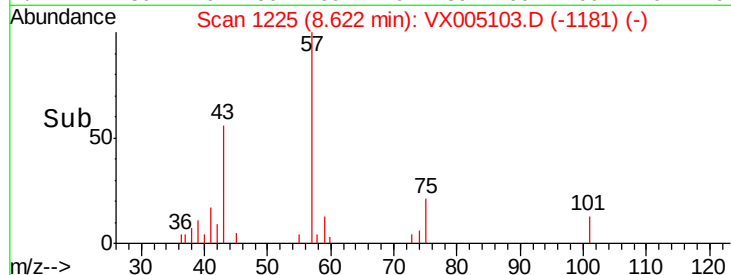
500

0

8.60

8.65

Time-->



#56

Ethyl methacrylate

Concen: 2.883 ug/l

RT: 9.06 min Scan# 1297

Delta R.T. -0.12 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

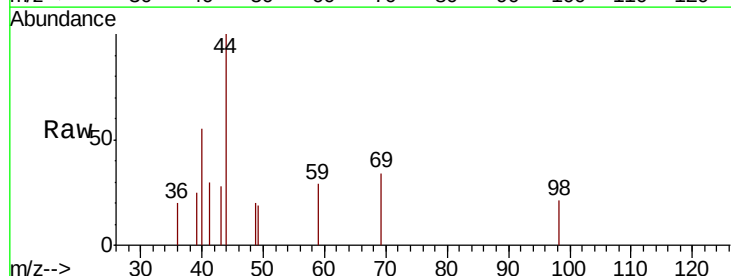
Tgt Ion: 69 Resp: 109

Ion Ratio Lower Upper

69 100

41 178.0 56.9 85.3#

39 0.0 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

250

200

150

100

50

0

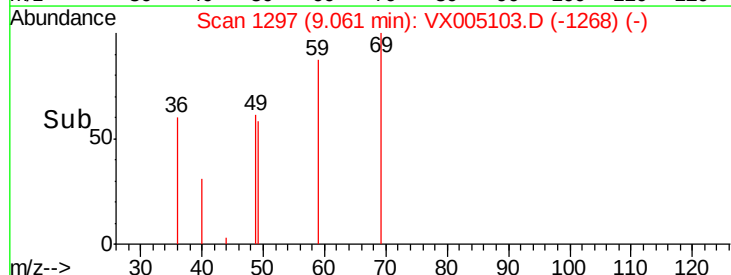
9.04

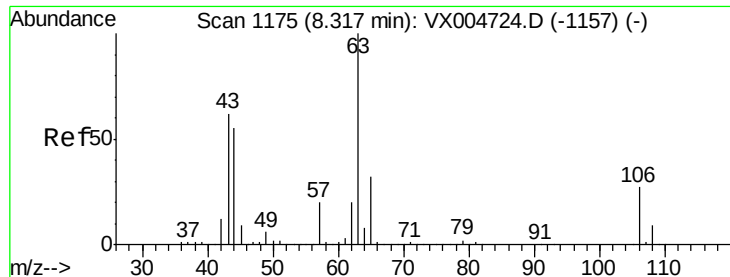
9.06

9.08

9.10

Time-->

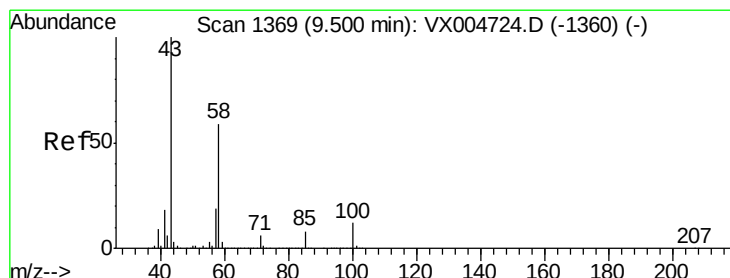
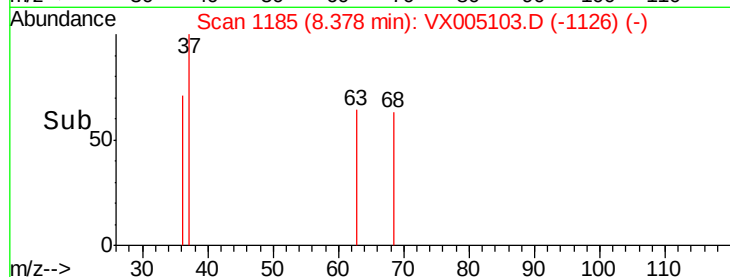
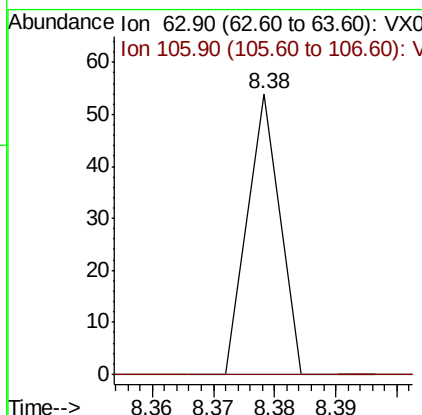
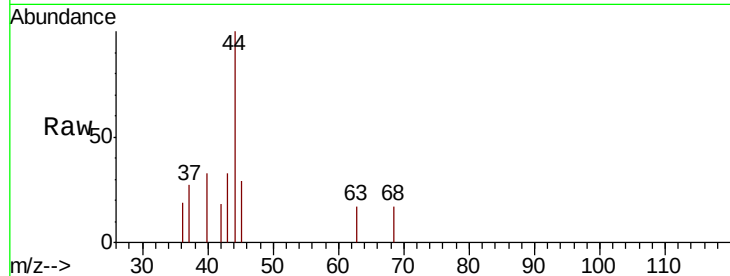




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.249 ug/l
 RT: 8.38 min Scan# 1185
 Delta R.T. 0.06 min
 Lab File: VX005103.D
 Acq: 06 Oct 2018 08:39

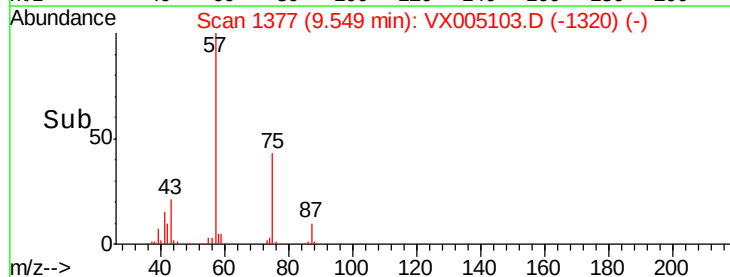
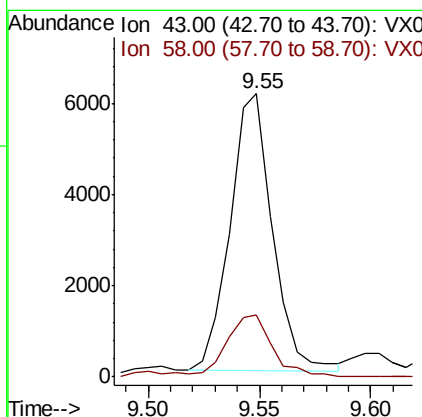
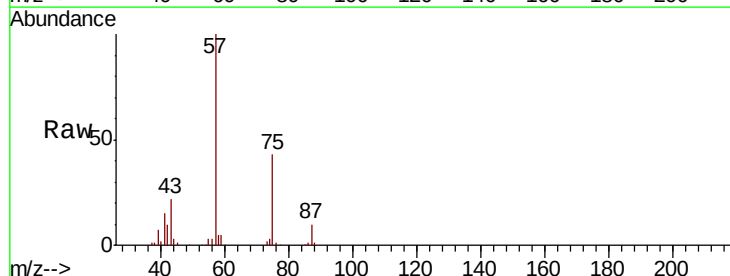
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-100318-B

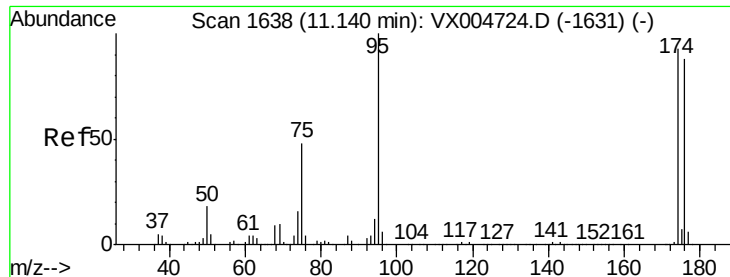
Tot Ion: 63 Resp: 20
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.0 31.6#



#59
 2-Hexanone
 Concen: 2.031 ug/l
 RT: 9.55 min Scan# 1377
 Delta R.T. 0.05 min
 Lab File: VX005103.D
 Acq: 06 Oct 2018 08:39

Tgt Ion: 43 Resp: 8046
 Ion Ratio Lower Upper
 43 100
 58 24.0 28.4 85.3#

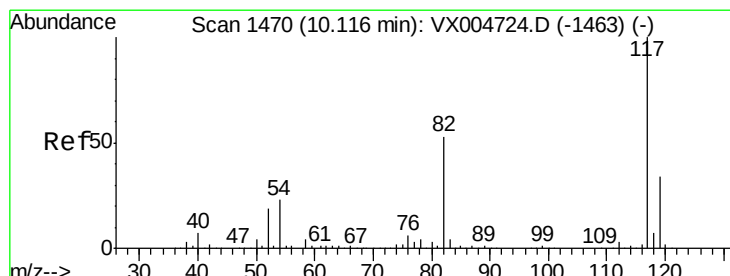
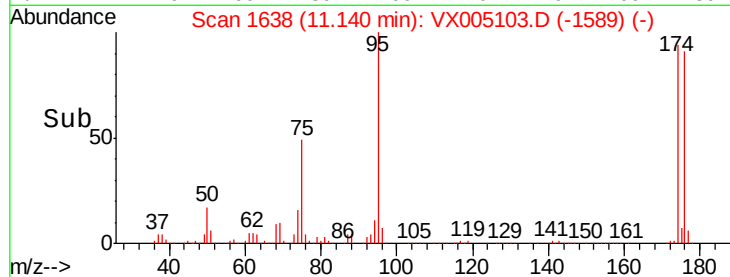
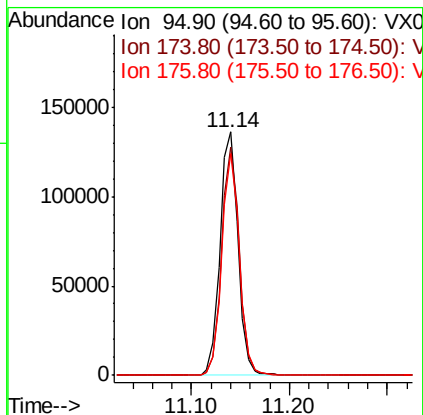
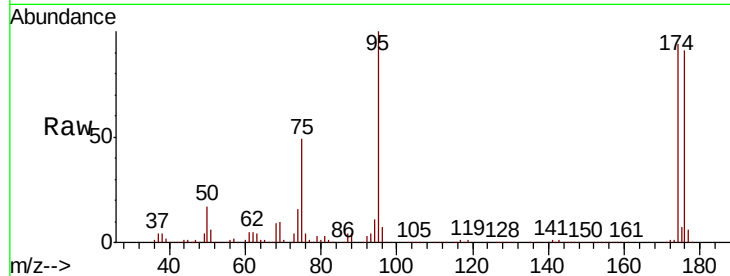




#62
4-Bromofluorobenzene
Concen: 50.216 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005103.D
Acq: 06 Oct 2018 08:39

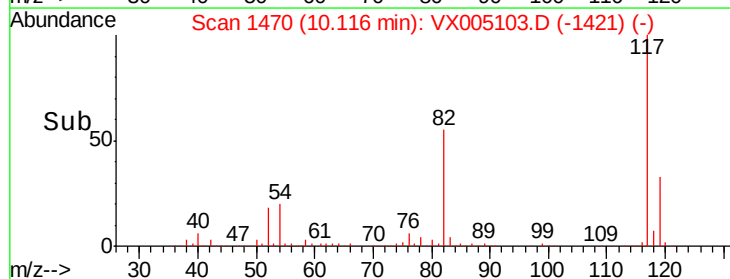
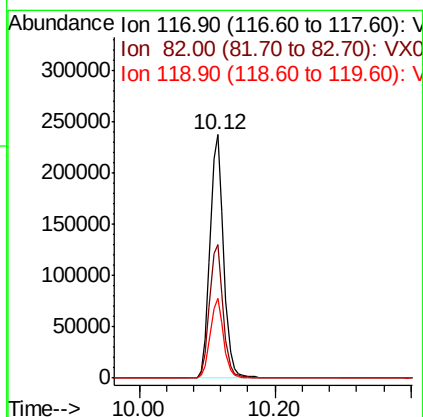
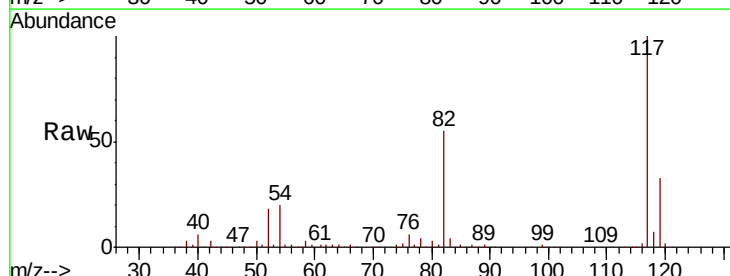
Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-B

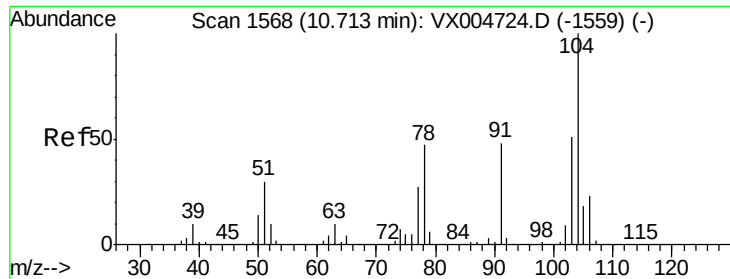
Tot Ion: 95 Resp: 173709
Ion Ratio Lower Upper
95 100
174 92.4 0.0 185.0
176 89.0 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005103.D
Acq: 06 Oct 2018 08:39

Tgt Ion: 117 Resp: 328514
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.8 27.4 41.0





#70

Stvrene

Concen: 2.187 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

SU-04-100318-B

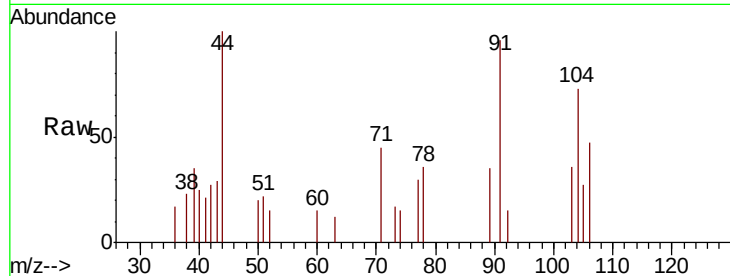
Tot Ion:104 Resp: 440

Ion Ratio Lower Upper

104 100

78 77.3 40.0 60.0#

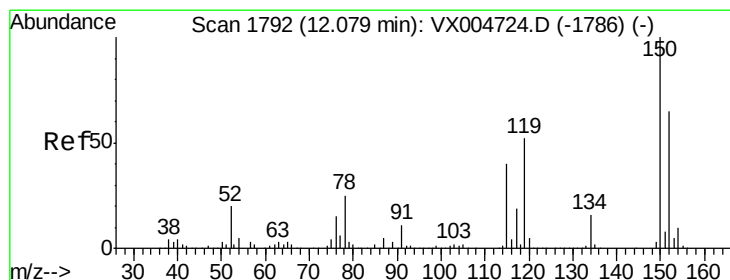
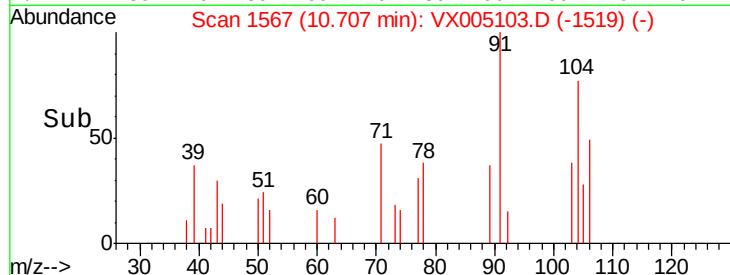
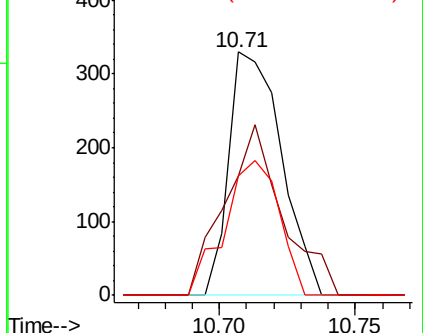
103 57.5 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

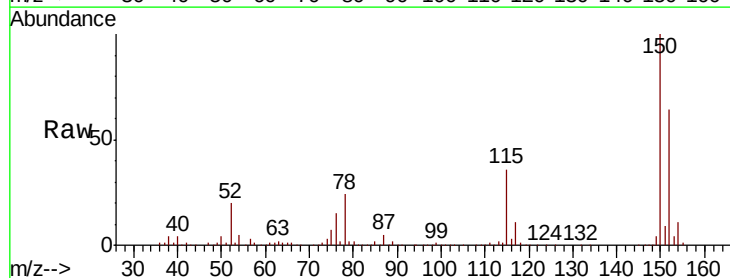
Tgt Ion:152 Resp: 182432

Ion Ratio Lower Upper

152 100

115 55.8 40.2 120.6

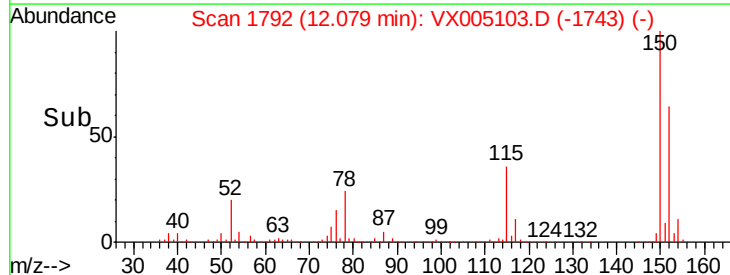
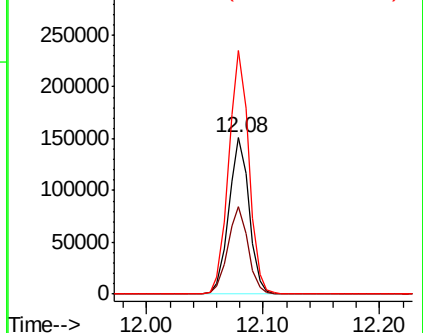
150 155.6 0.0 351.0

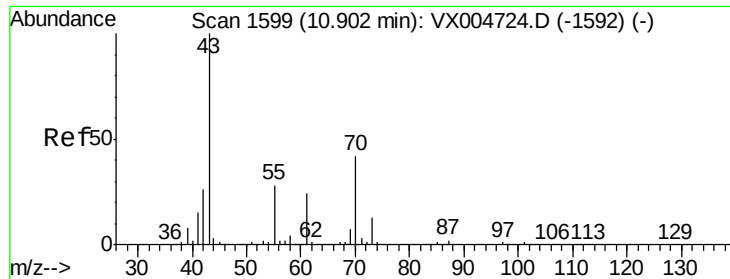


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.762 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

SU-04-100318-B

Tot Ion: 43 Resp: 95

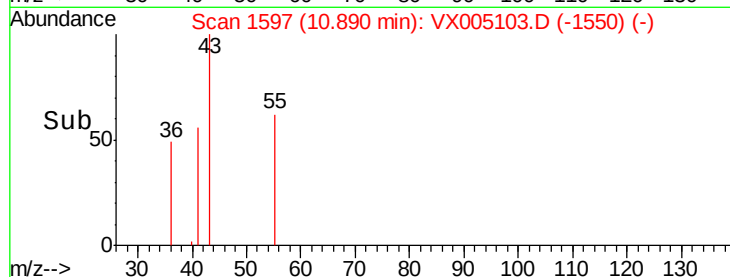
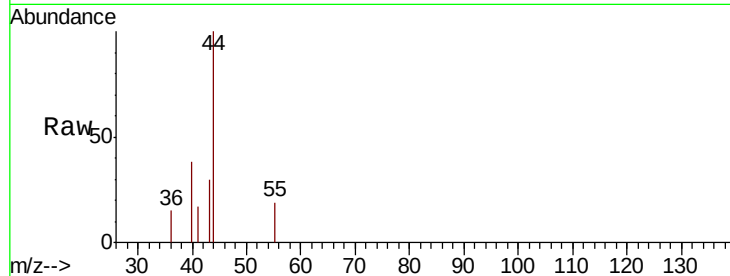
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 91.6 21.6 32.4#

61 0.0 19.1 28.7#

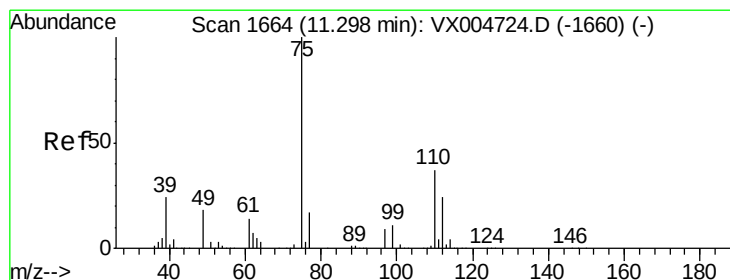
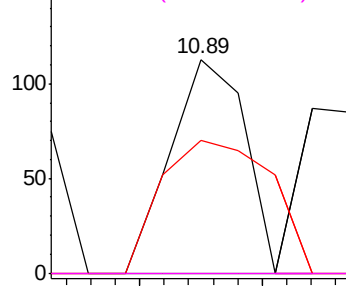


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.961 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005103.D

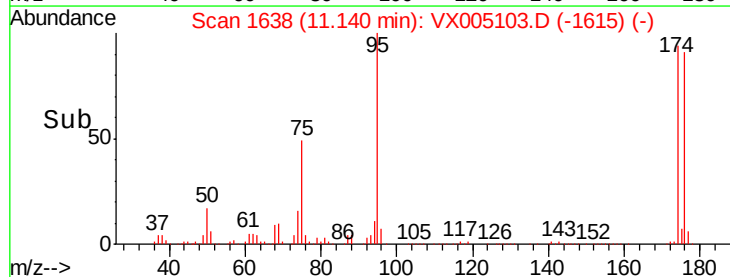
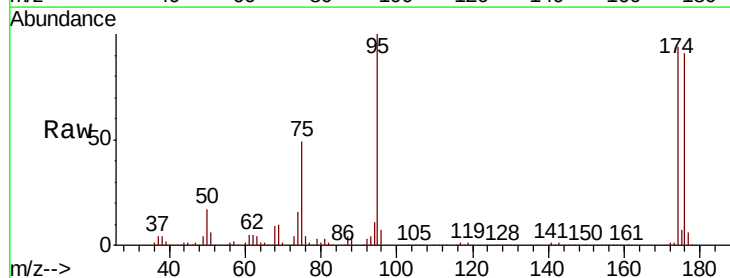
Acq: 06 Oct 2018 08:39

Tgt Ion: 75 Resp: 85710

Ion Ratio Lower Upper

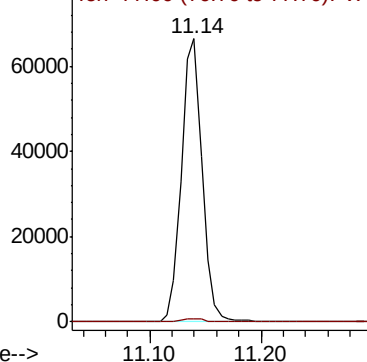
75 100

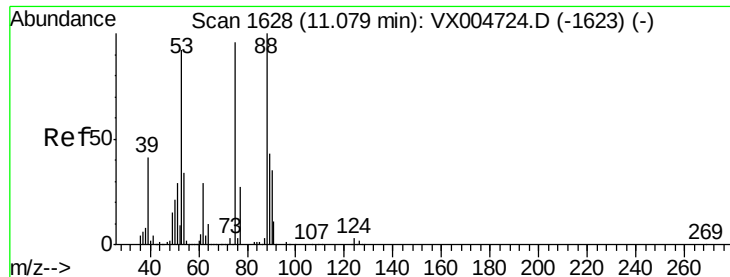
77 1.3 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 56.884 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

Instrument :

MSVOA_X

ClientSampleId :

SU-04-100318-B

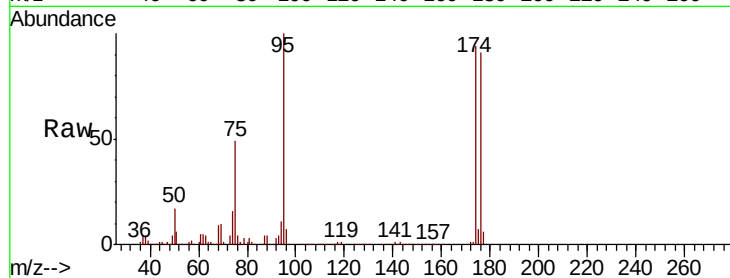
Tot Ion: 75 Resp: 85710

Ion Ratio Lower Upper

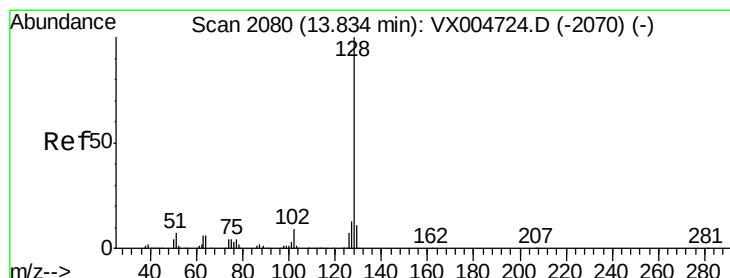
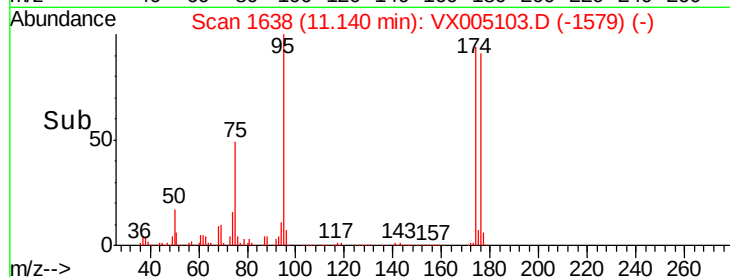
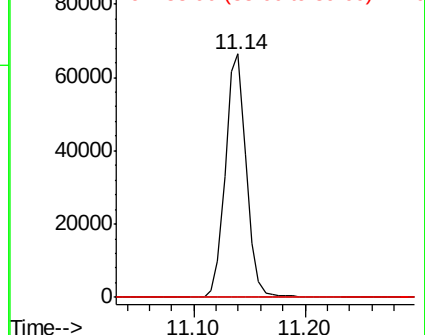
75 100

53 0.4 80.2 120.4#

89 0.0 37.1 55.7#



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: 3.542 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005103.D

Acq: 06 Oct 2018 08:39

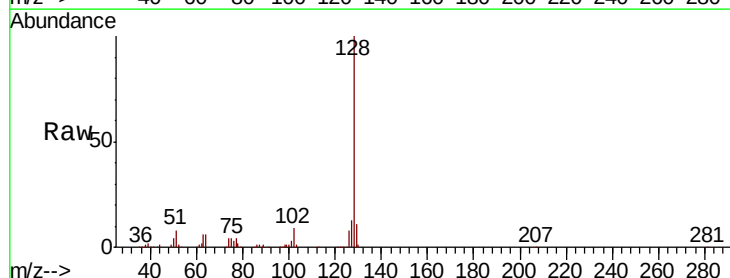
Tgt Ion: 128 Resp: 43462

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

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

