

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
 Data File : VX004666.D
 Acq On : 18 Sep 2018 18:56
 Operator : JC/MD
 Sample : J4944-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB48377RT

Quant Time: Sep 19 02:39:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	356494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190291	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	141017	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	5.51	113	136460	41.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.66%	
50) Toluene-d8	8.71	98	488291	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
62) 4-Bromofluorobenzene	11.14	95	178043	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	641	0.214	ug/l #	74
5) Bromomethane	1.66	94	542	Below Cal	#	55
10) Methyl Iodide	2.51	142	135	4.296	ug/l #	41
11) Tert butyl alcohol	3.07	59	1820	2.543	ug/l #	84
16) Acetone	2.45	43	29524	20.172	ug/l	99
18) Methyl Acetate	2.78	43	5936	1.446	ug/l	97
20) Methylene Chloride	2.85	84	18245	6.077	ug/l	97
25) 2-Butanone	4.71	43	7302	3.135	ug/l	95
28) Bromochloromethane	5.21	49	842	0.362	ug/l #	9
29) Tetrahydrofuran	5.17	42	1838	1.308	ug/l	91
30) Chloroform	5.21	83	11017	2.221	ug/l	97
36) 1,1-Dichloropropene	5.67	75	14110	3.260	ug/l #	50
37) Ethyl Acetate	4.71	43	7302	1.483	ug/l #	67
38) Carbon Tetrachloride	5.66	117	19771	4.677	ug/l #	15
40) Benzene	6.15	78	5546	0.432	ug/l #	88
41) Methacrylonitrile	5.17	41	1202	0.443	ug/l #	37
43) Isopropyl Acetate	6.46	43	157853	24.144	ug/l	100
47) Bromodichloromethane	7.90	83	2315	0.627	ug/l #	86
48) Methyl methacrylate	7.69	41	5711	1.765	ug/l #	19
51) 4-Methyl-2-Pentanone	8.65	43	2167	0.470	ug/l #	85
52) Toluene	8.79	92	1979	0.262	ug/l	94
54) cis-1,3-Dichloropropene	8.62	75	1254	0.285	ug/l #	65
68) m/p-Xylenes	10.35	106	1505	0.290	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	81709	21.342	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	81709	68.028	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	2401	0.223	ug/l	94
95) Naphthalene	13.83	128	148200	11.408	ug/l	99

(#) = 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. -0.01 min

Lab File: VX004666.D

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MSVOA_X

ClientSampleId :

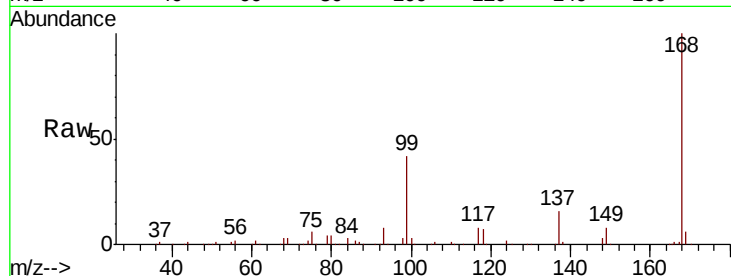
RB48377RT

Tgt Ion:168 Resp: 232571

Ion Ratio Lower Upper

168 100

99 42.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

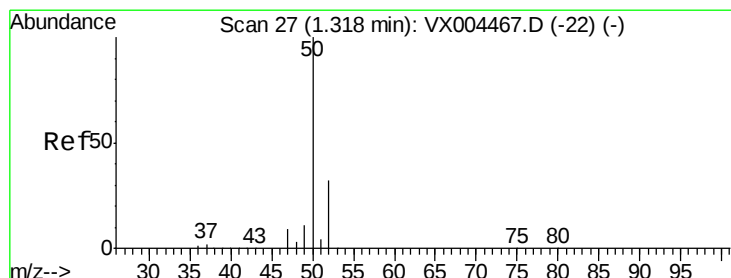
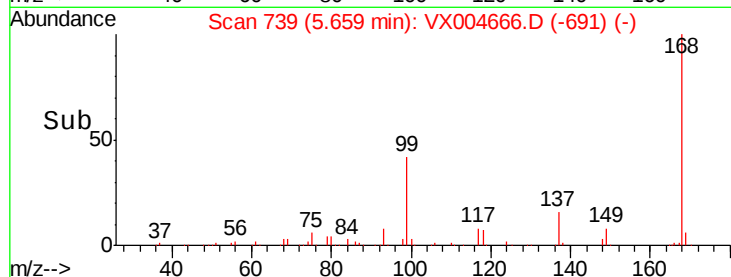
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.214 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004666.D

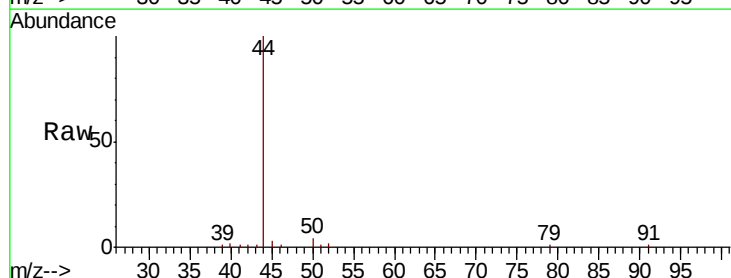
Acq: 18 Sep 2018 18:56

Tgt Ion: 50 Resp: 641

Ion Ratio Lower Upper

50 100

52 47.5 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

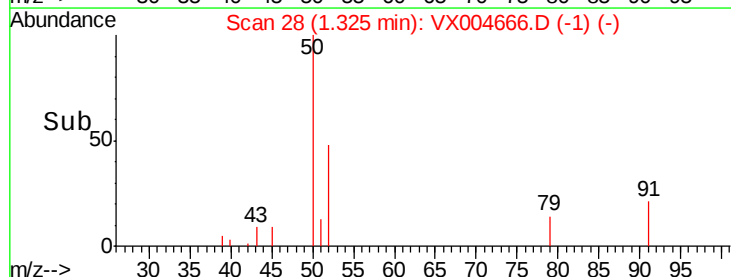
300

200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

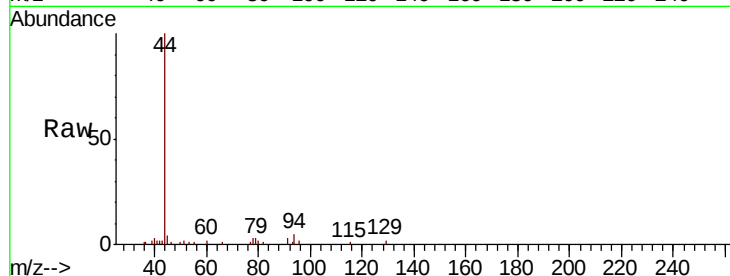
RB48377RT

Tgt Ion: 94 Resp: 542

Ion Ratio Lower Upper

94 100

96 50.0 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

200

150

100

50

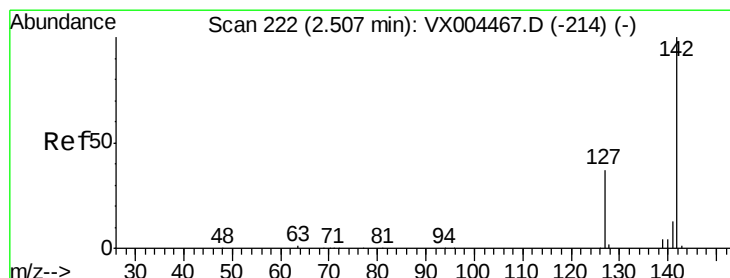
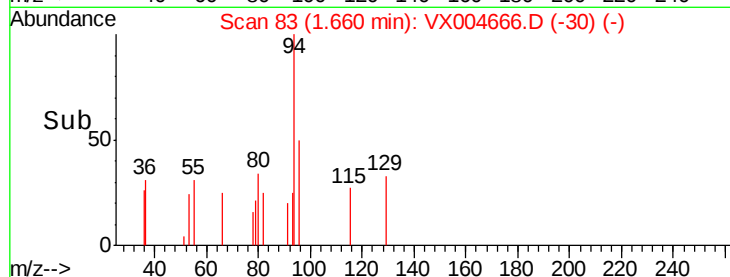
0

1.60

1.65

1.70

Time-->



#10

Methyl Iodide

Concen: 4.296 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

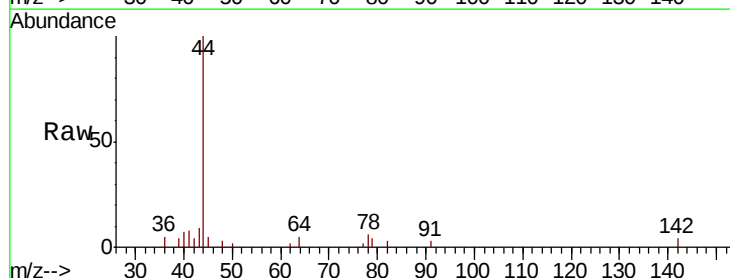
Tgt Ion: 142 Resp: 135

Ion Ratio Lower Upper

142 100

127 0.0 33.8 50.6#

141 0.0 11.4 17.0#



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

100

80

60

40

20

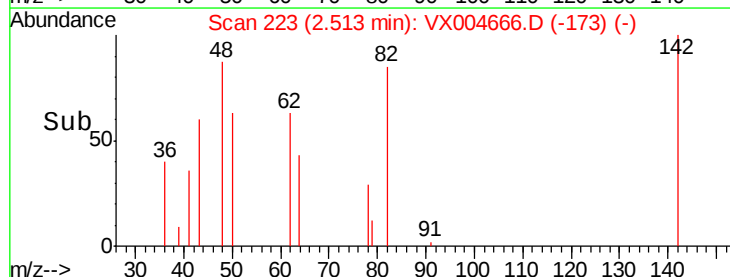
0

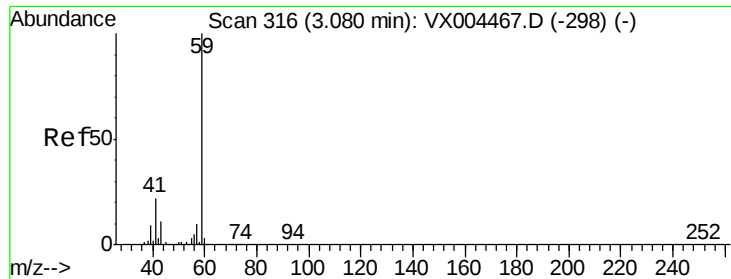
2.45

2.50

2.55

Time-->

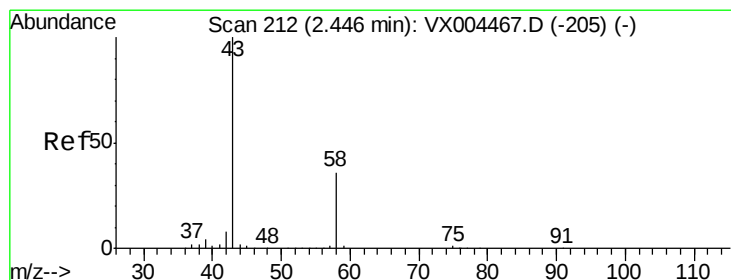
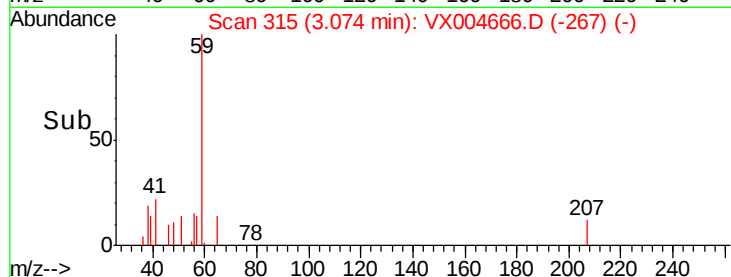
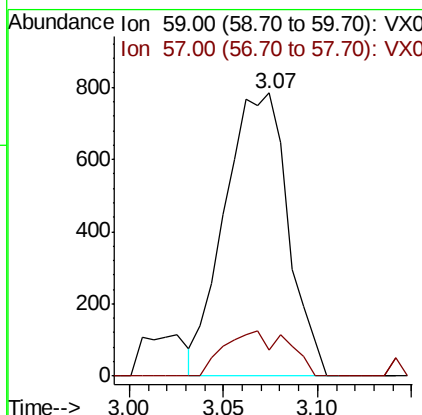
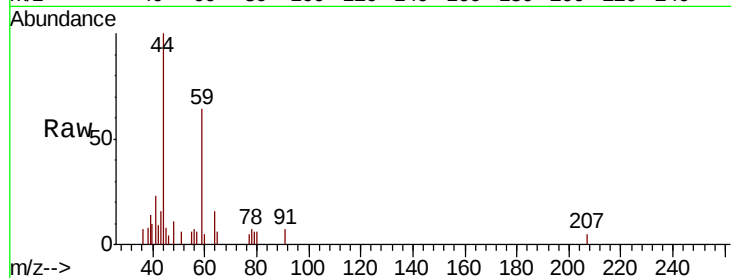




#11
Tert butyl alcohol
Concen: 2.543 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

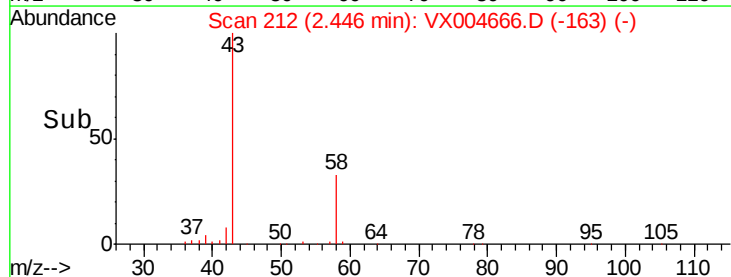
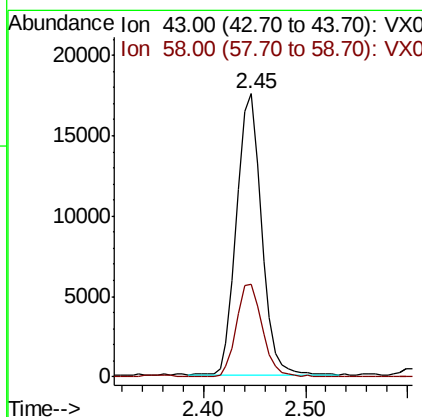
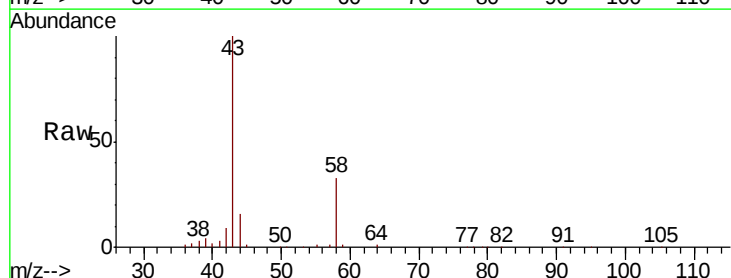
Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

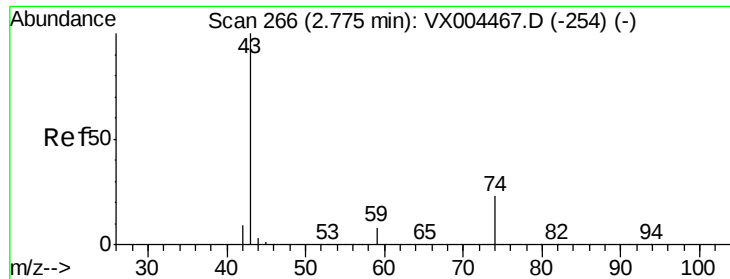
Tgt Ion: 59 Resp: 1820
Ion Ratio Lower Upper
59 100
57 16.1 8.2 12.4#



#16
Acetone
Concen: 20.172 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion: 43 Resp: 29524
Ion Ratio Lower Upper
43 100
58 33.2 26.2 39.4

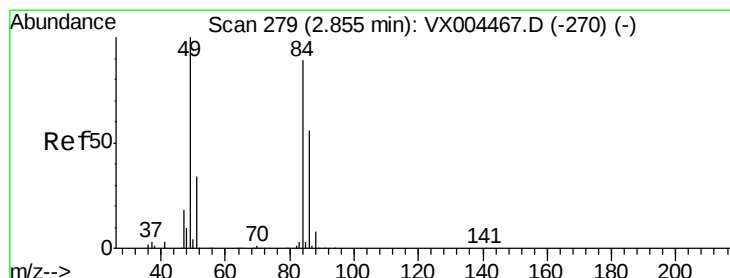
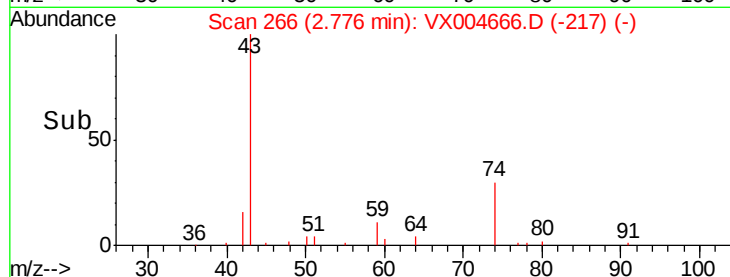
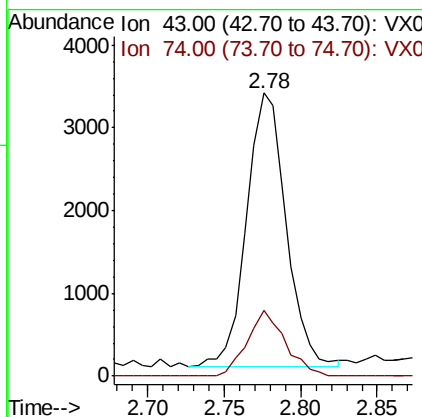
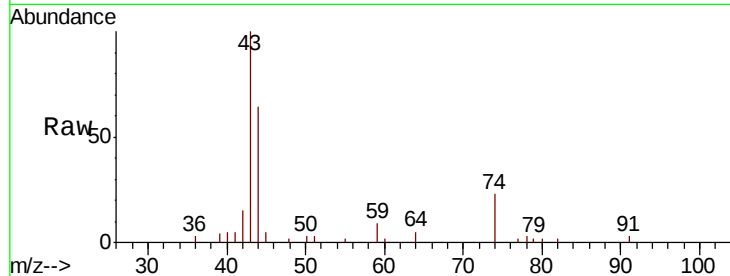




#18
Methyl Acetate
Concen: 1.446 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

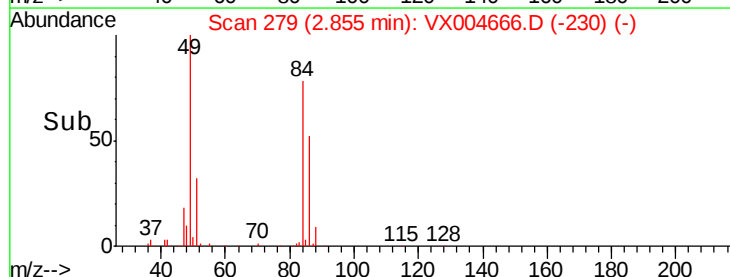
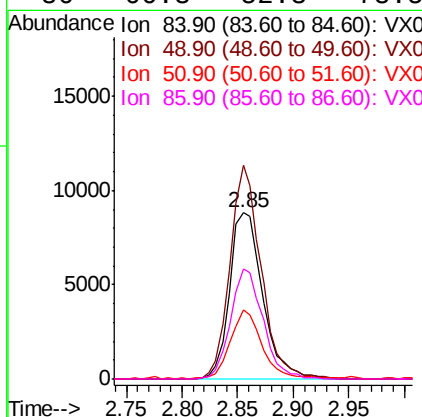
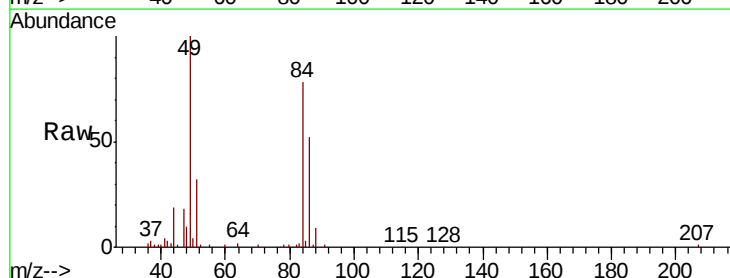
Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

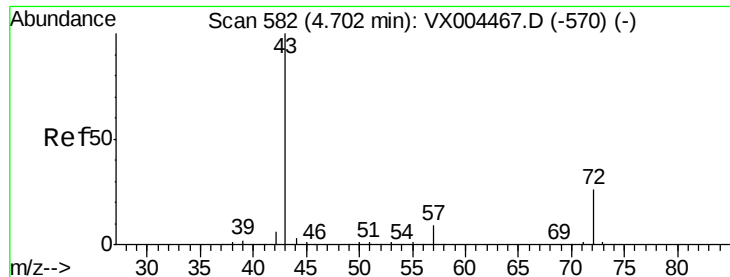
Tgt Ion: 43 Resp: 5936
Ion Ratio Lower Upper
43 100
74 23.0 19.4 29.2



#20
Methylene Chloride
Concen: 6.077 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion: 84 Resp: 18245
Ion Ratio Lower Upper
84 100
49 128.6 101.2 151.8
51 41.6 29.5 44.3
86 66.3 52.3 78.5





#25

2-Butanone

Concen: 3.135 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

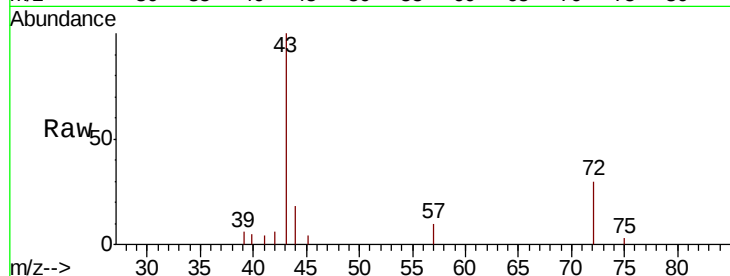
RB48377RT

Tgt Ion: 43 Resp: 7302

Ion Ratio Lower Upper

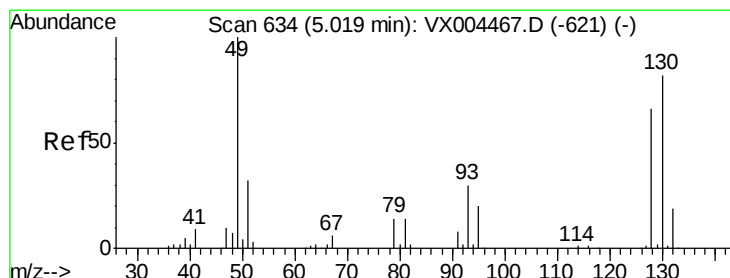
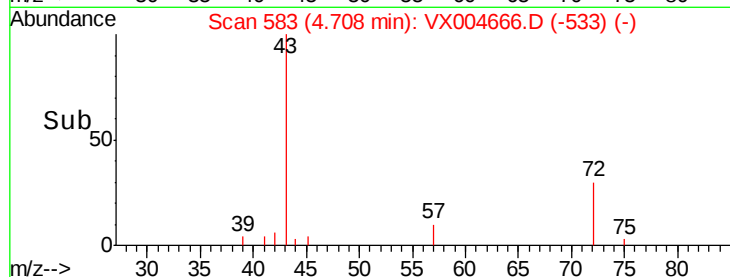
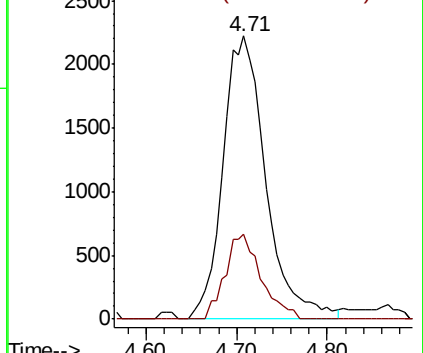
43 100

72 29.9 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: 0.362 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.20 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

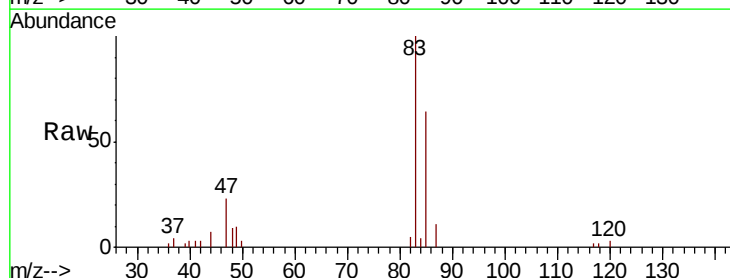
Tgt Ion: 49 Resp: 842

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

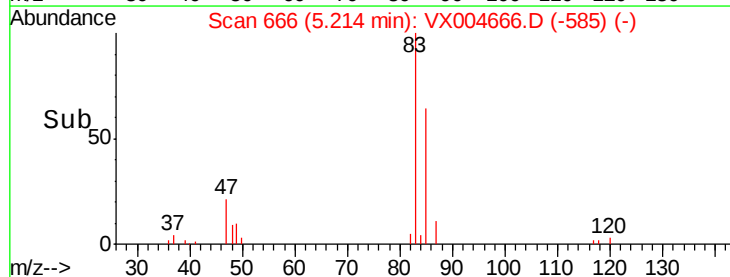
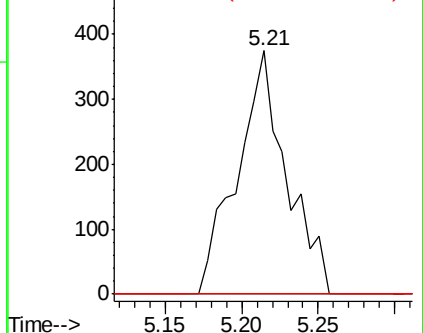
130 0.0 67.5 101.3#

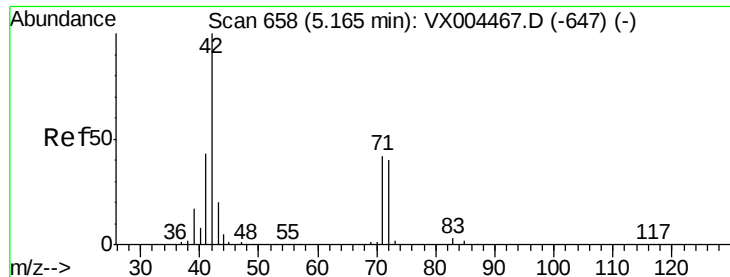


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 1.308 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

Instrument :

MSVOA_X

ClientSampled :

RB48377RT

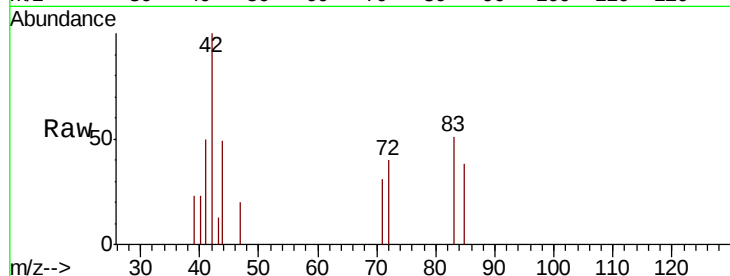
Tgt Ion: 42 Resp: 1838

Ion Ratio Lower Upper

42 100

72 40.0 37.4 56.0

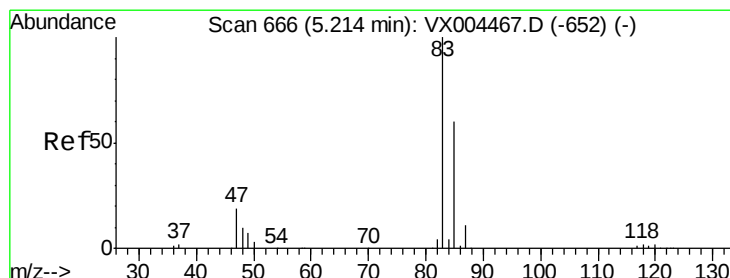
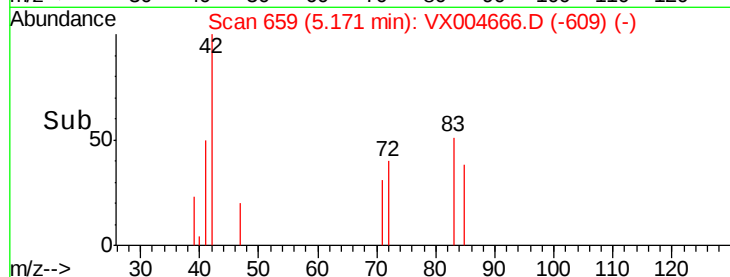
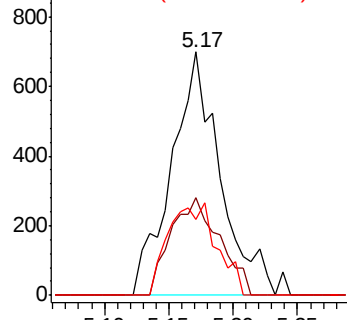
71 37.6 34.5 51.7



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



#30

Chloroform

Concen: 2.221 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX004666.D

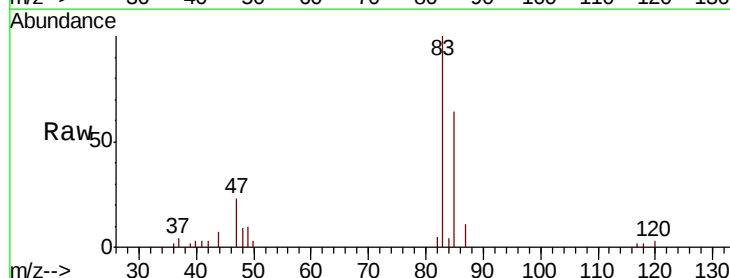
Acq: 18 Sep 2018 18:56

Tgt Ion: 83 Resp: 11017

Ion Ratio Lower Upper

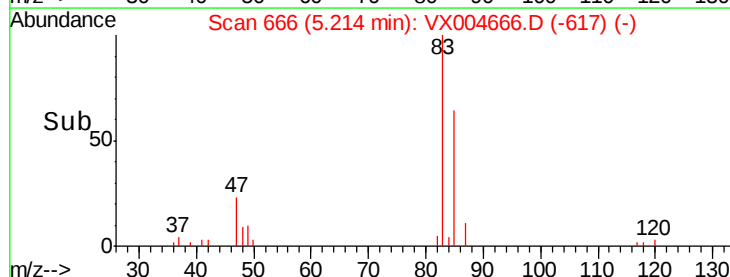
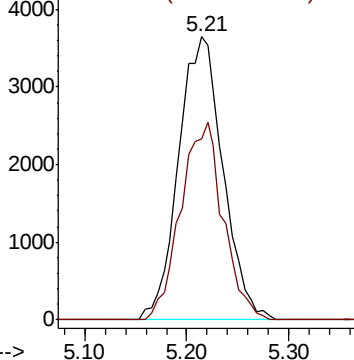
83 100

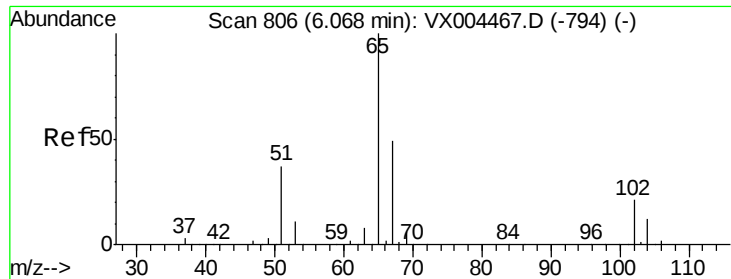
85 63.8 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.025 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

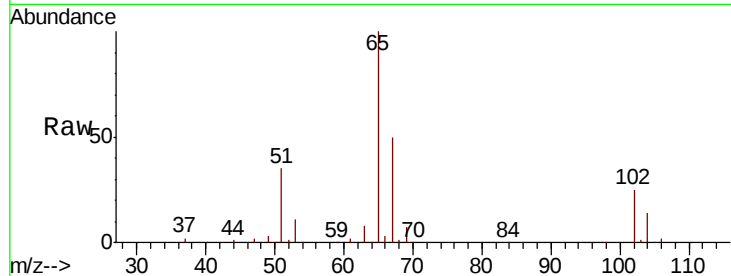
RB48377RT

Tgt Ion: 65 Resp: 141017

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

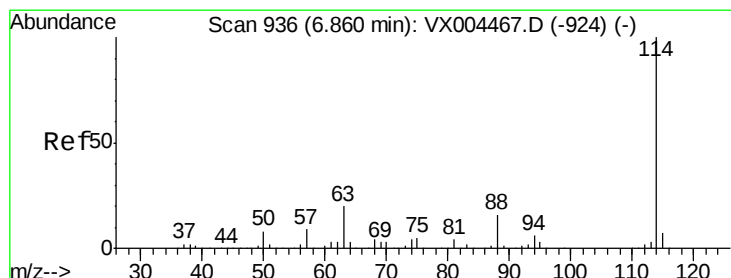
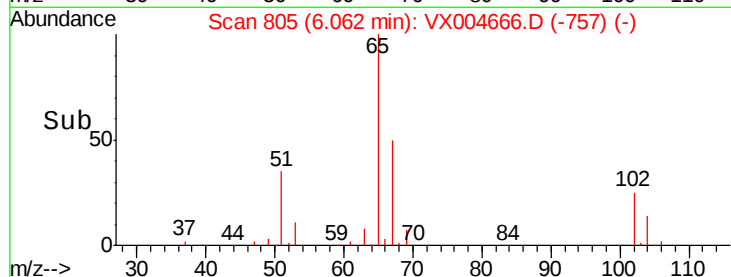
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

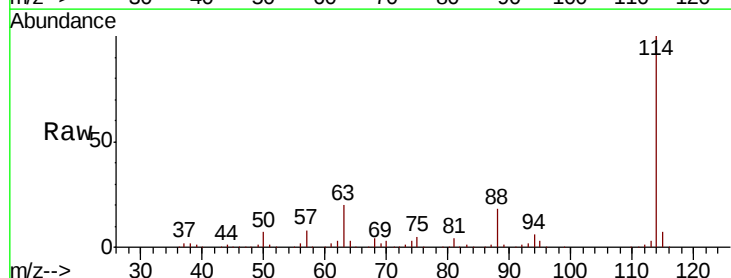
Tgt Ion: 114 Resp: 356494

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

88 17.6 0.0 30.4



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

200000

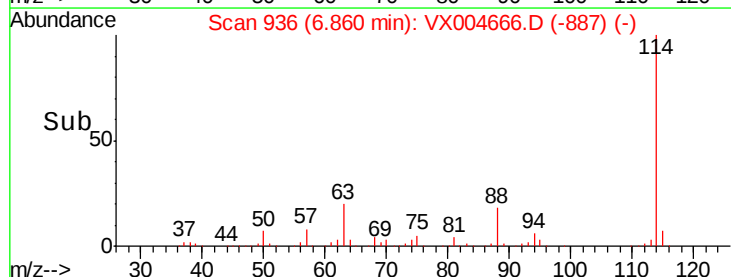
150000

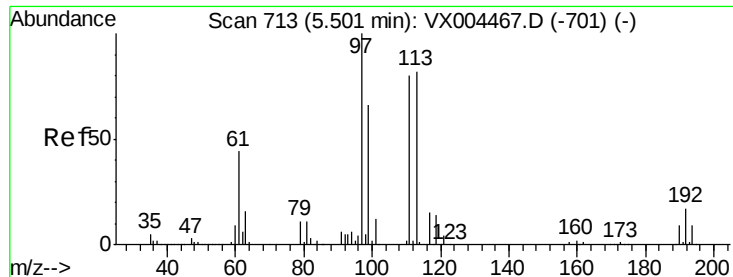
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 41.830 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

RB48377RT

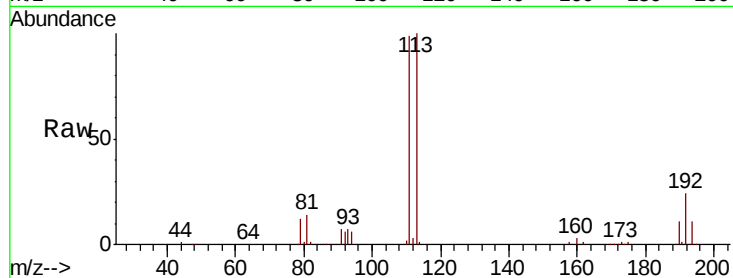
Tgt Ion:113 Resp: 136460

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

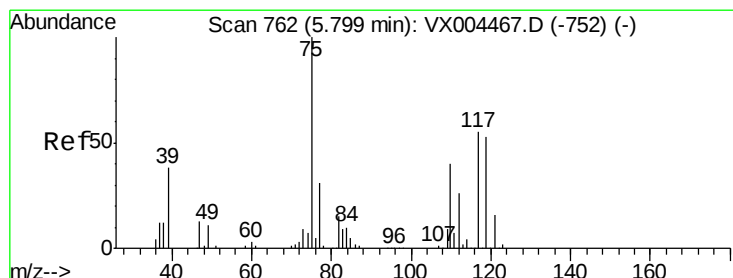
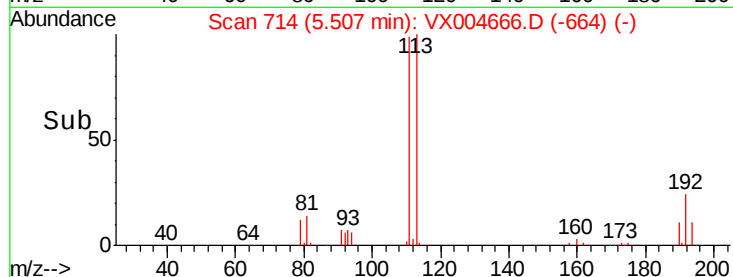
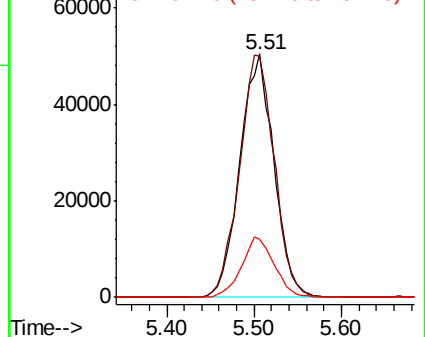
192 23.8 19.4 29.2



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: 3.260 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

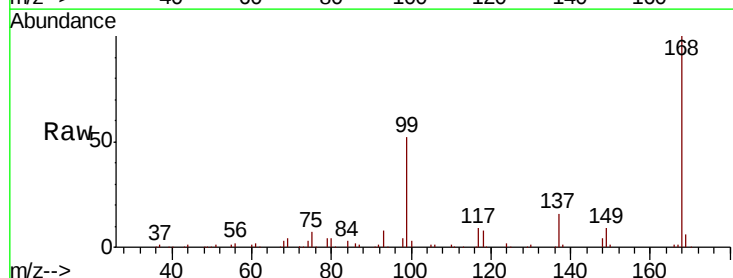
Tgt Ion: 75 Resp: 14110

Ion Ratio Lower Upper

75 100

110 9.6 18.0 54.0#

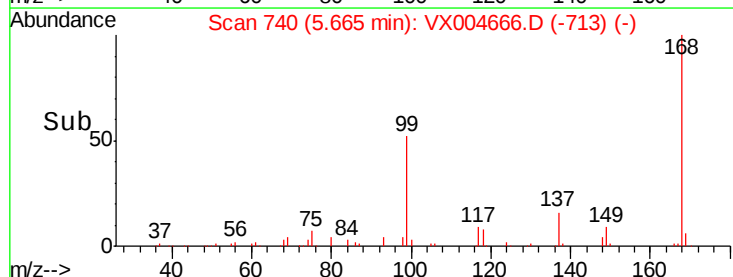
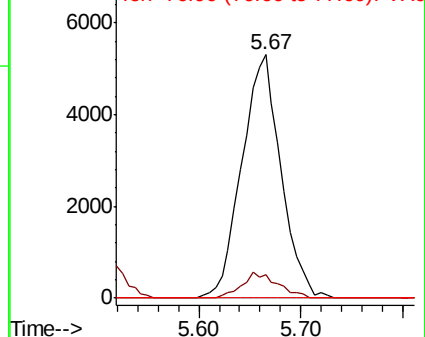
77 0.0 24.6 36.8#

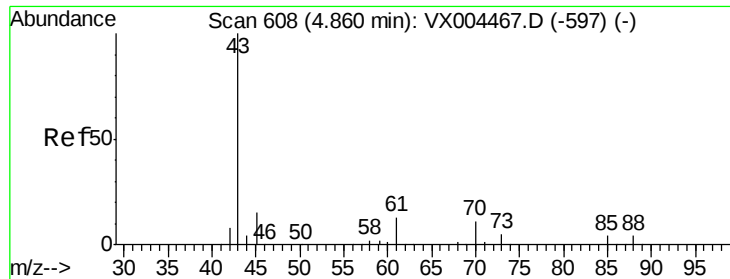


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.483 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

RB48377RT

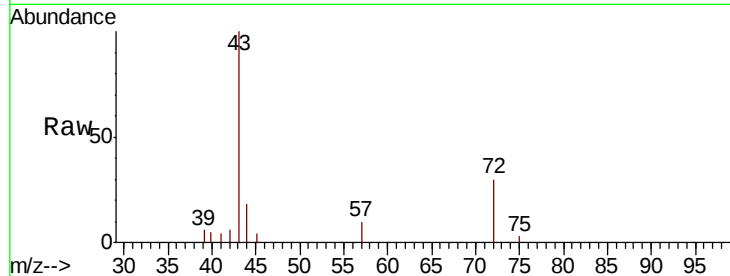
Tgt Ion: 43 Resp: 7302

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

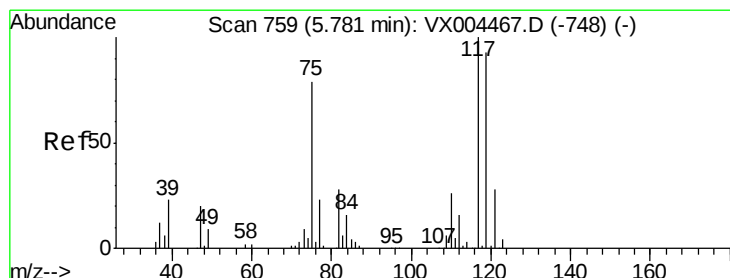
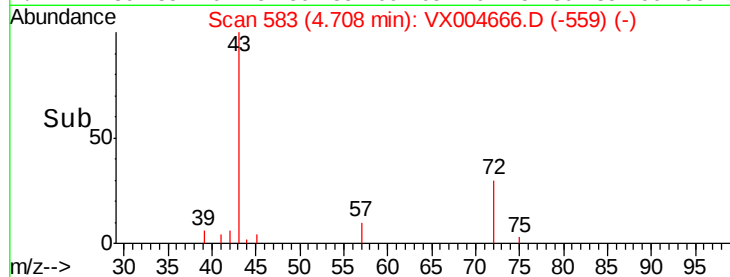
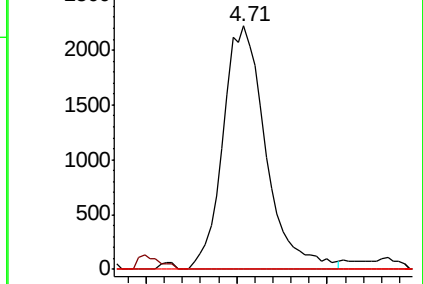
70 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 4.677 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

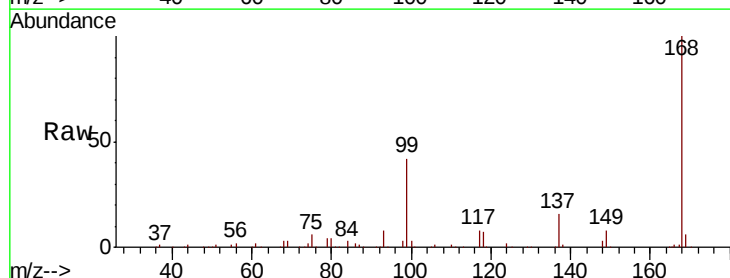
Tgt Ion: 117 Resp: 19771

Ion Ratio Lower Upper

117 100

119 5.2 78.8 118.2#

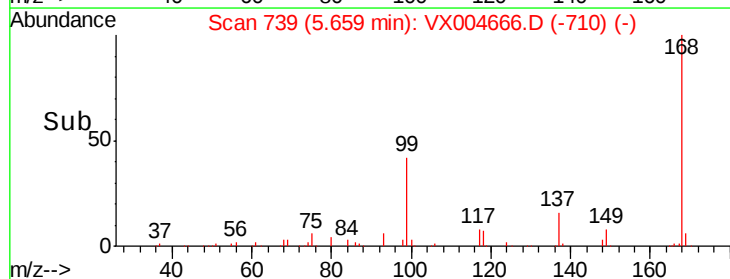
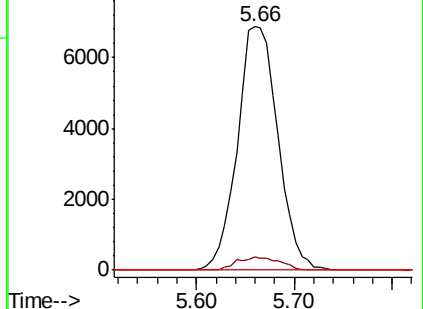
121 0.0 24.9 37.3#

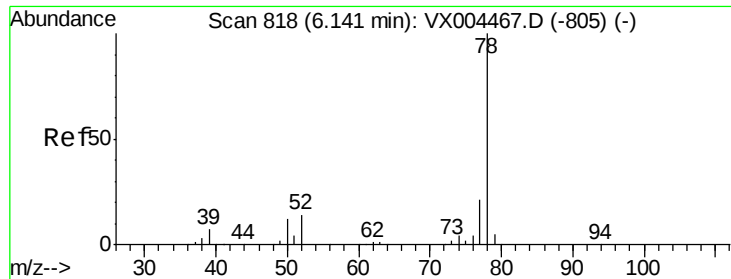


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.432 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

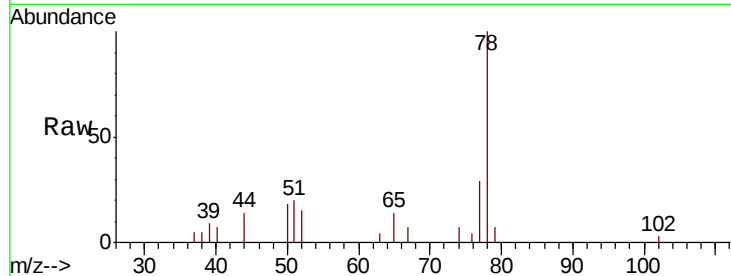
RB48377RT

Tgt Ion: 78 Resp: 5546

Ion Ratio Lower Upper

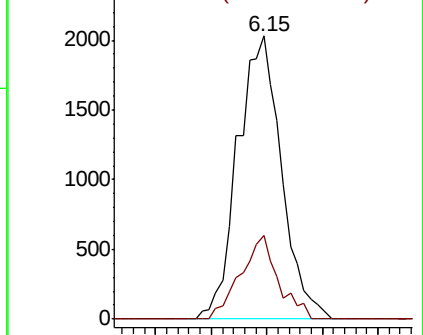
78 100

77 29.5 19.0 28.4#

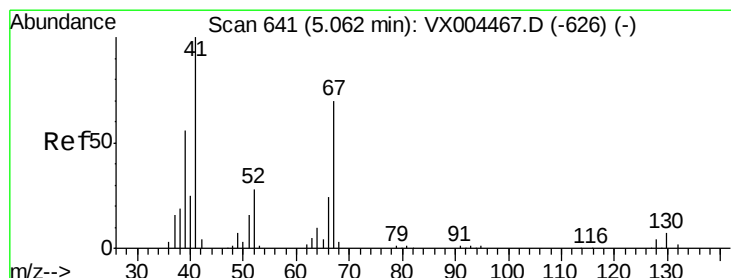
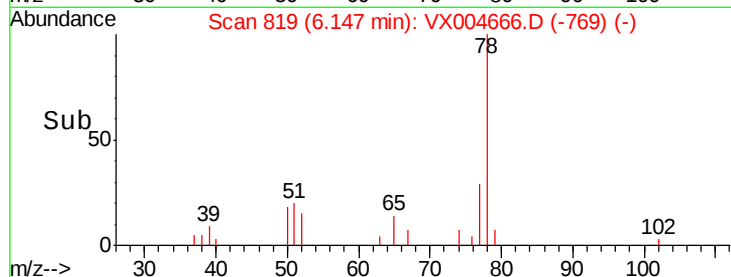


Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#41

Methacrylonitrile

Concen: 0.443 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.11 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

Tgt Ion: 41 Resp: 1202

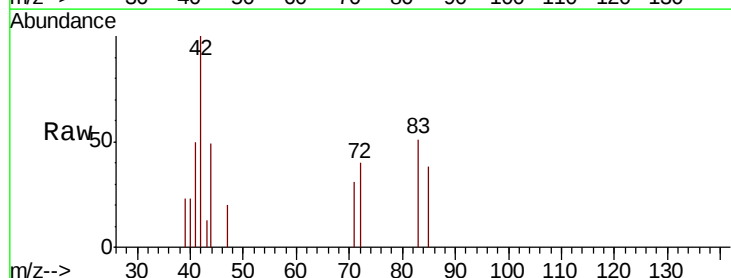
Ion Ratio Lower Upper

41 100

39 29.9 42.4 63.6#

67 0.0 59.2 88.8#

52 0.0 23.0 34.4#

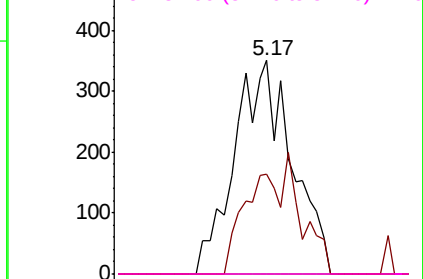


Abundance Ion 41.00 (40.70 to 41.70): VX0

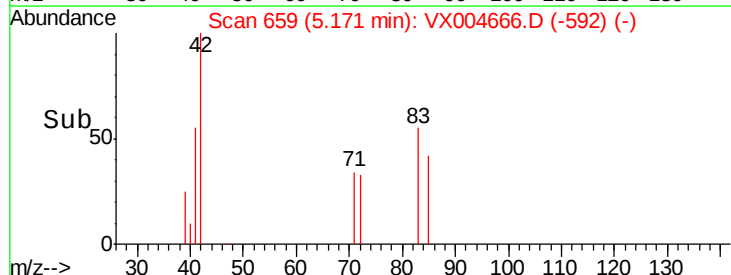
Ion 39.00 (38.70 to 39.70): VX0

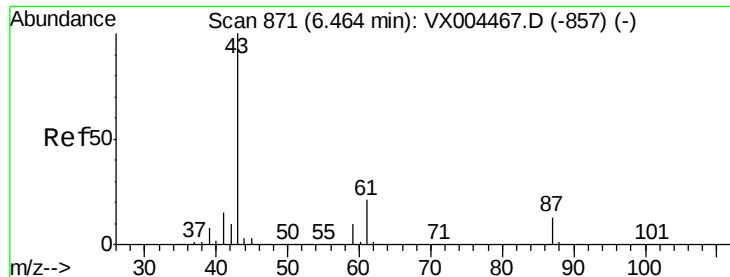
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



Time-->



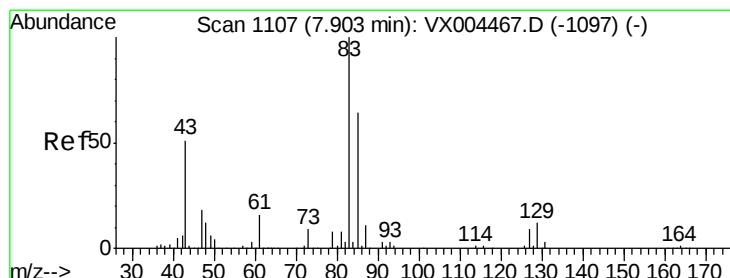
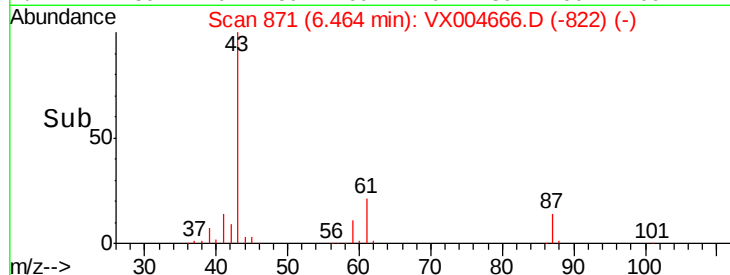
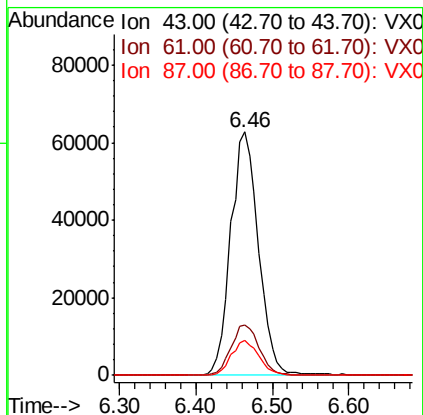
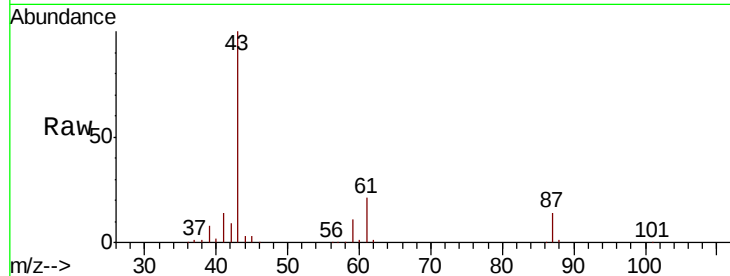


#43

Isopropyl Acetate
 Concen: 24.144 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004666.D
 Acq: 18 Sep 2018 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 RB48377RT

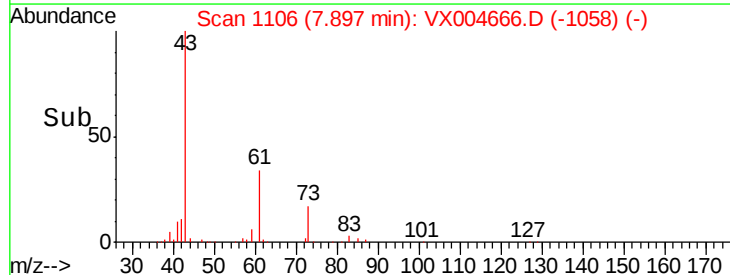
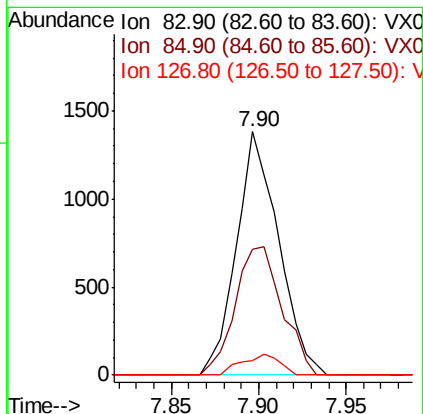
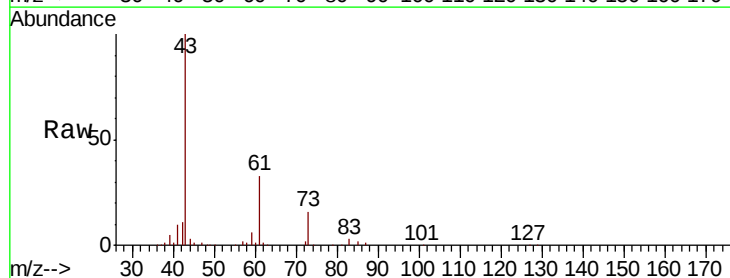
Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.0	25.4
87	14.2	11.4	17.2

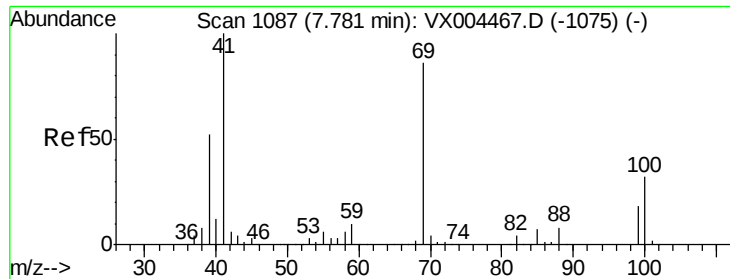


#47

Bromodichloromethane
 Concen: 0.627 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: VX004666.D
 Acq: 18 Sep 2018 18:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	51.8	50.9	76.3
127	6.0	7.3	10.9#





#48

Methyl methacrylate

Concen: 1.765 ug/l

RT: 7.69 min Scan# 1072

Delta R.T. -0.09 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

RB48377RT

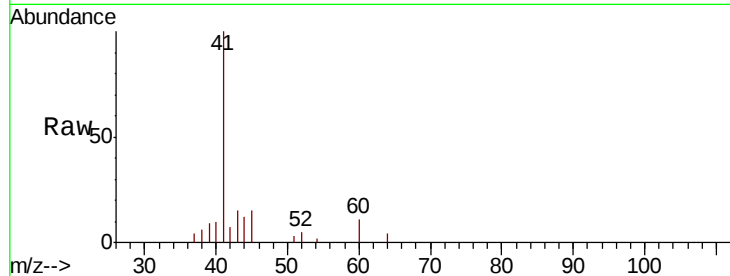
Tgt Ion: 41 Resp: 5711

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.4#

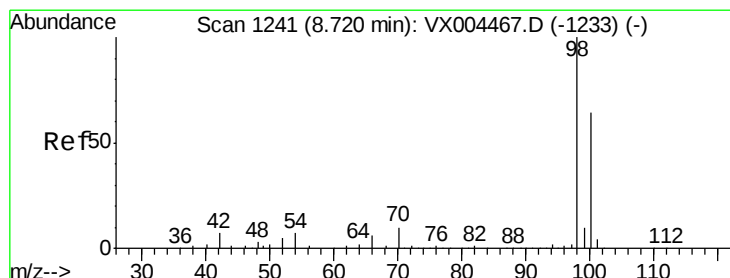
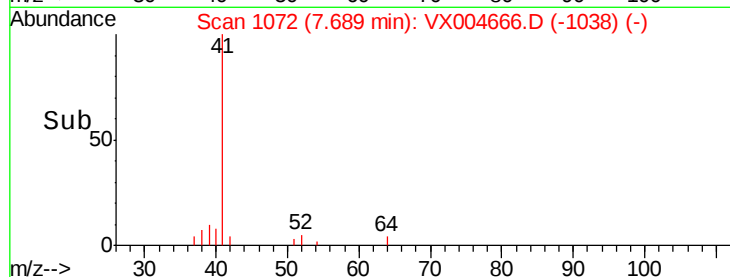
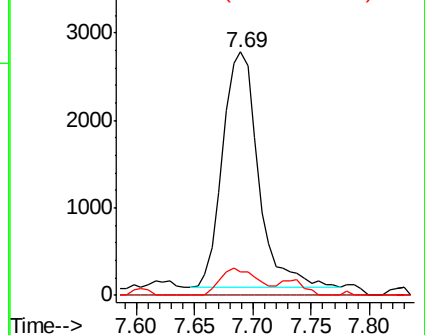
39 12.3 42.7 64.1#



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



#50

Toluene-d8

Concen: 44.633 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004666.D

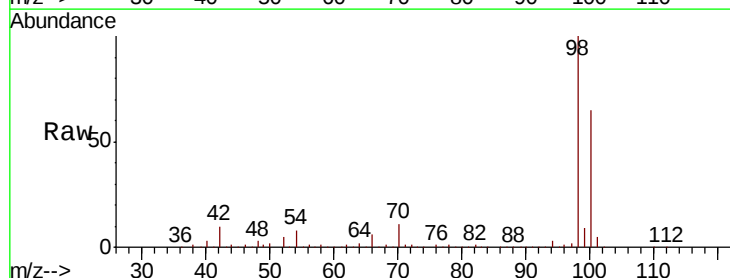
Acq: 18 Sep 2018 18:56

Tgt Ion: 98 Resp: 488291

Ion Ratio Lower Upper

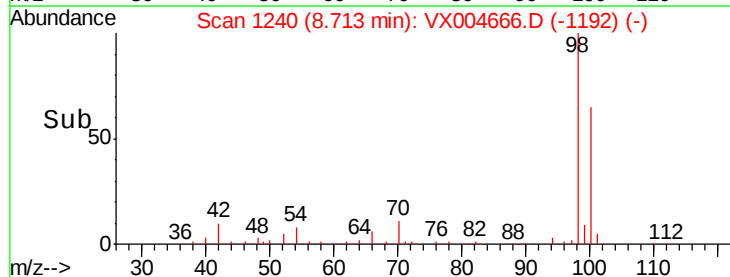
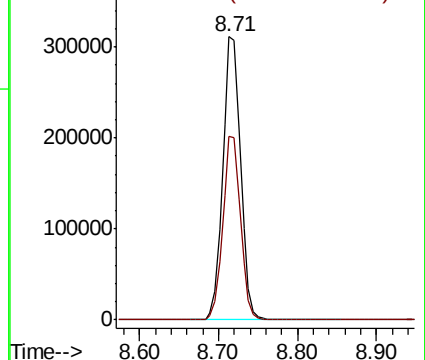
98 100

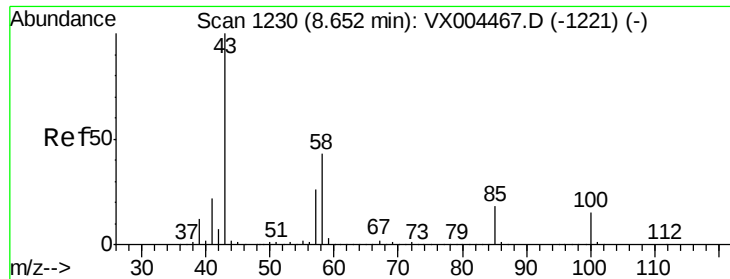
100 64.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

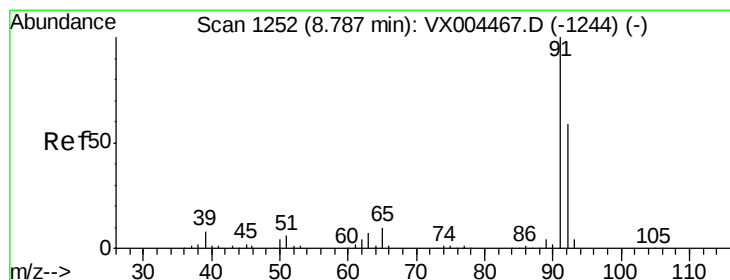
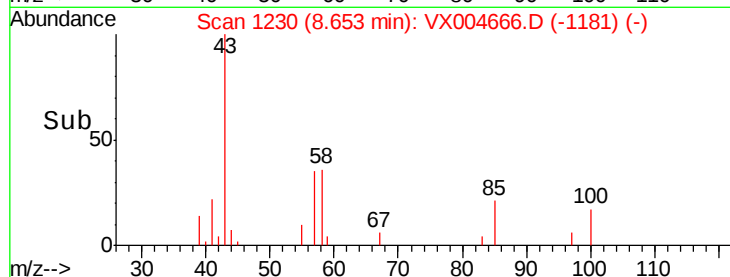
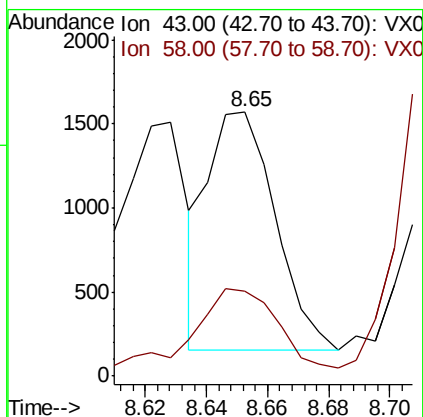
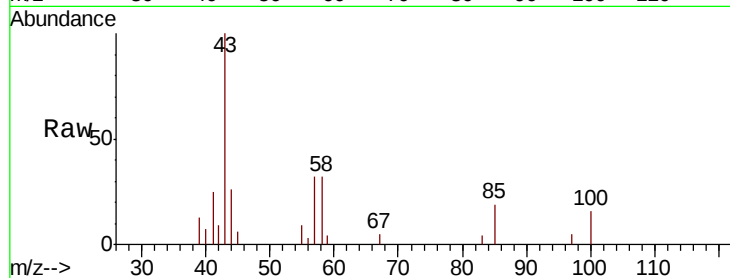




#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

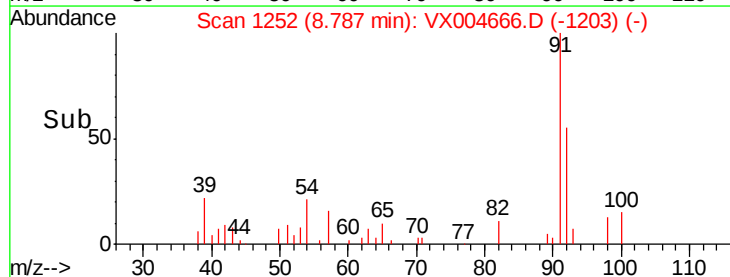
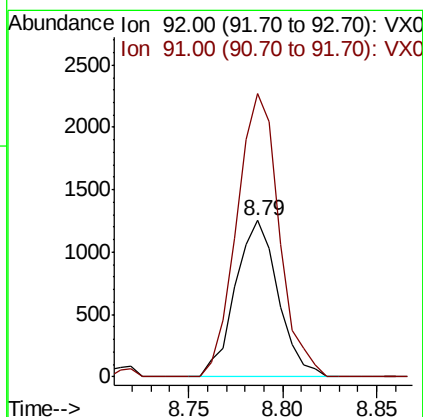
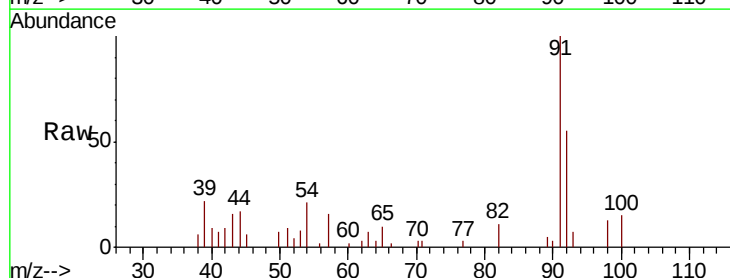
Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

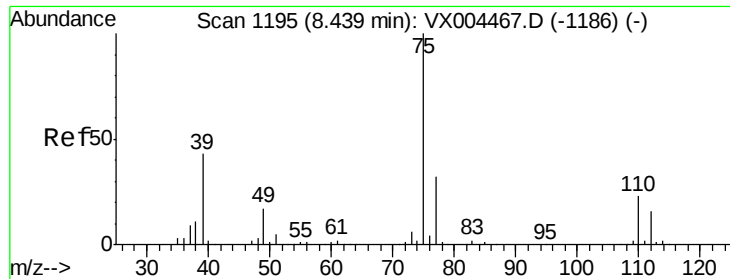
Tgt Ion: 43 Resp: 2167
Ion Ratio Lower Upper
43 100
58 50.8 33.1 49.7#



#52
Toluene
Concen: 0.262 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion: 92 Resp: 1979
Ion Ratio Lower Upper
92 100
91 178.7 136.4 204.6





#54

cis-1,3-Dichloropropene

Concen: 0.285 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

RB48377RT

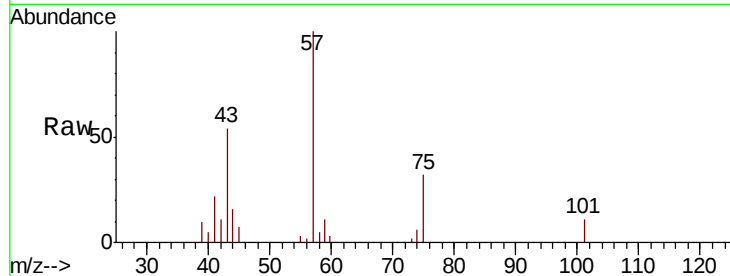
Tgt Ion: 75 Resp: 1254

Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

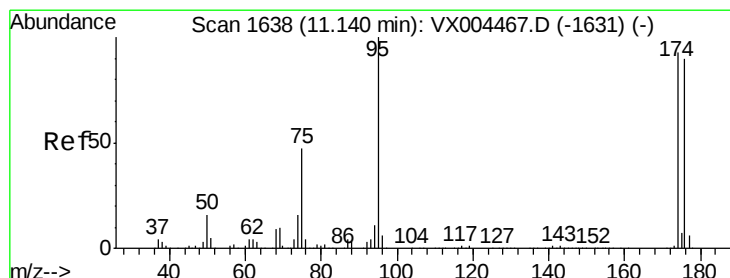
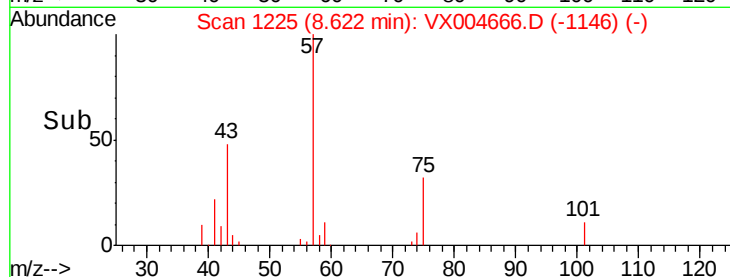
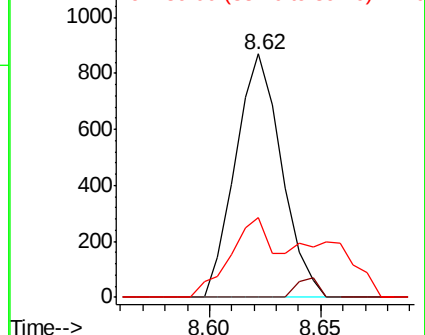
39 32.9 36.4 54.6#



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



#62

4-Bromofluorobenzene

Concen: 45.592 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

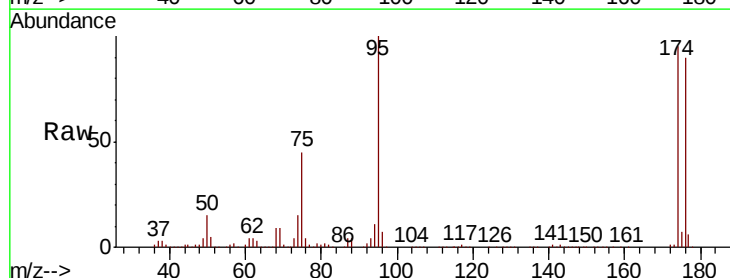
Tgt Ion: 95 Resp: 178043

Ion Ratio Lower Upper

95 100

174 93.9 0.0 185.2

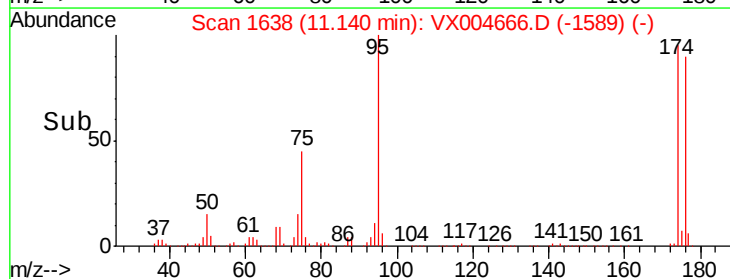
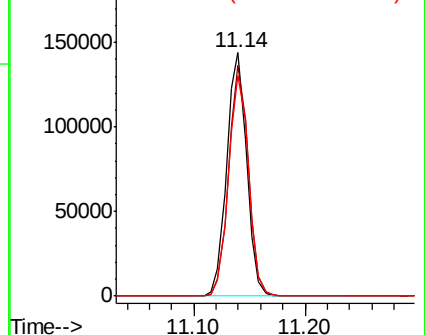
176 91.3 0.0 178.6

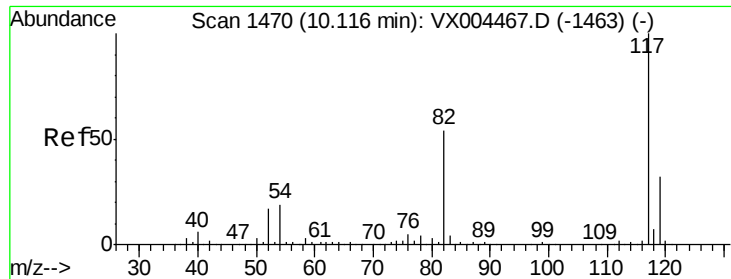


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

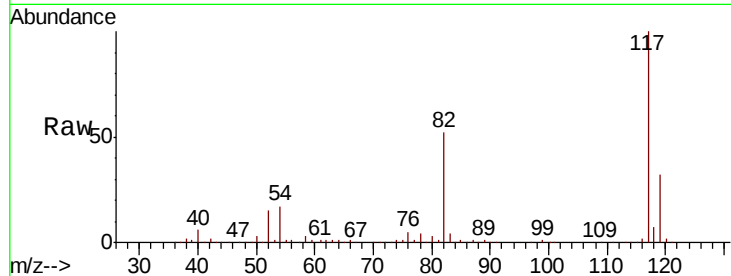




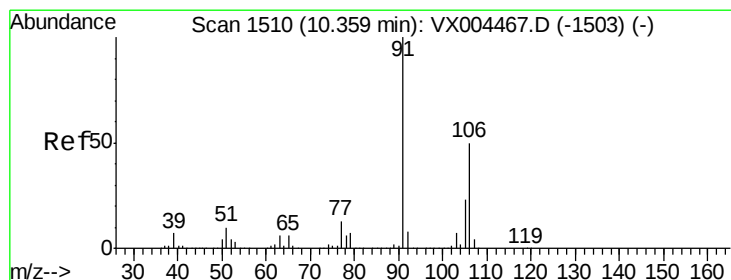
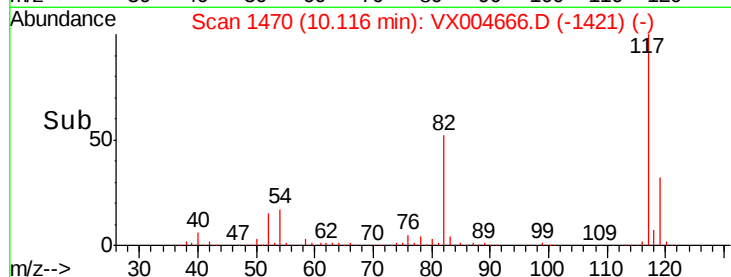
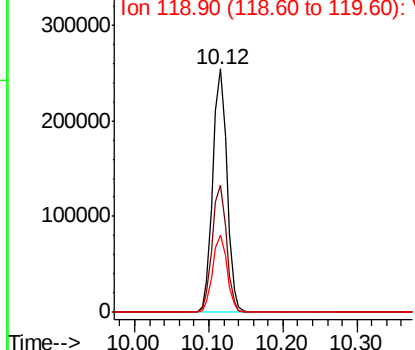
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Tgt Ion:117 Resp: 333345
Ion Ratio Lower Upper
117 100
82 52.0 47.8 71.6
119 31.7 29.3 43.9

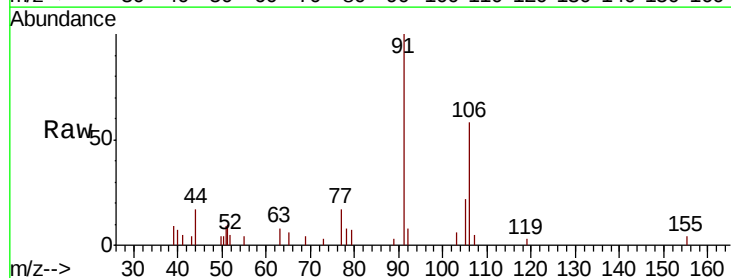


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

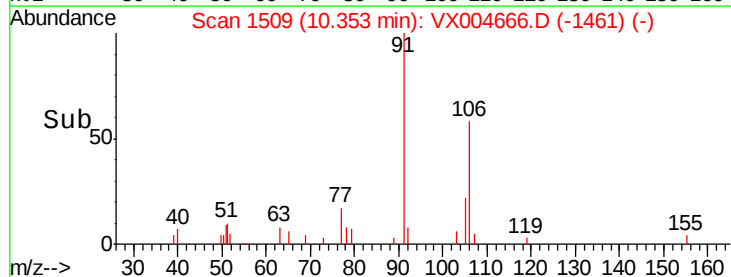
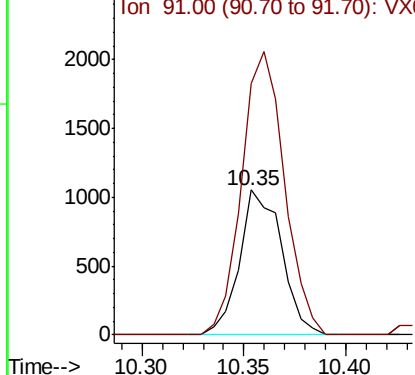


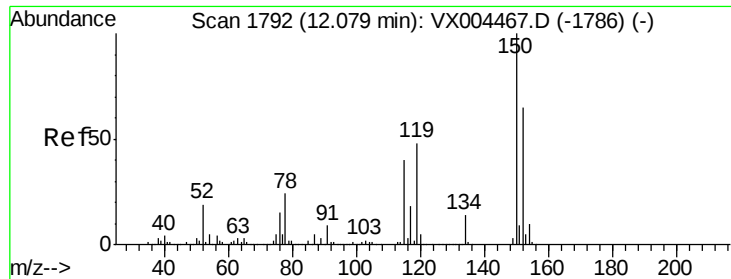
#68
m/p-Xylenes
Concen: 0.290 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Tgt Ion:106 Resp: 1505
Ion Ratio Lower Upper
106 100
91 199.1 157.1 235.7



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# 1792

Delta R.T. 0.00 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

RB48377RT

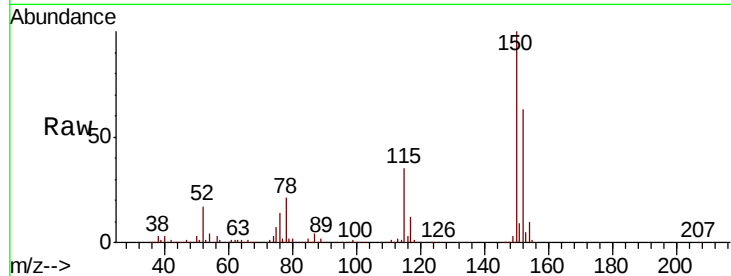
Tgt Ion:152 Resp: 190291

Ion Ratio Lower Upper

152 100

115 54.6 39.0 117.0

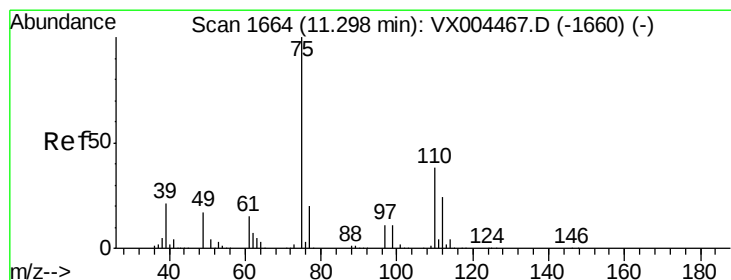
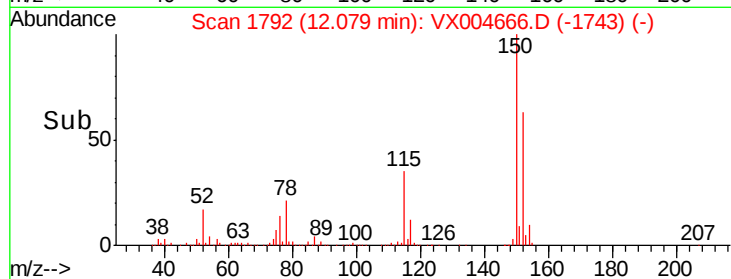
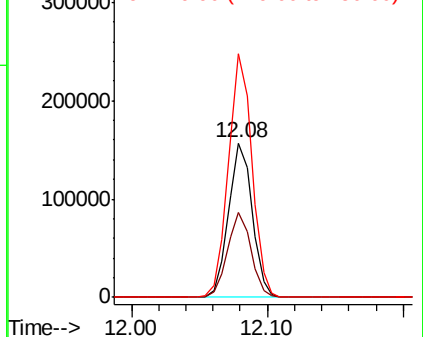
150 156.8 0.0 351.0



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



#76

1,2,3-Trichloropropane

Concen: 21.342 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004666.D

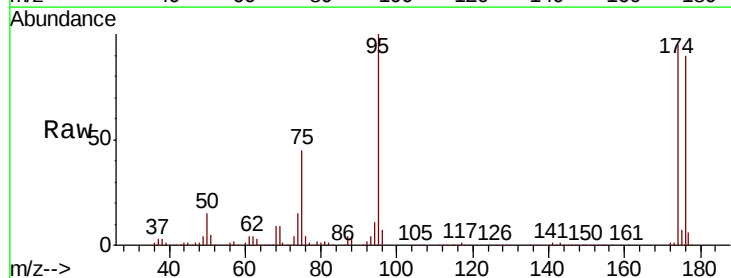
Acq: 18 Sep 2018 18:56

Tgt Ion: 75 Resp: 81709

Ion Ratio Lower Upper

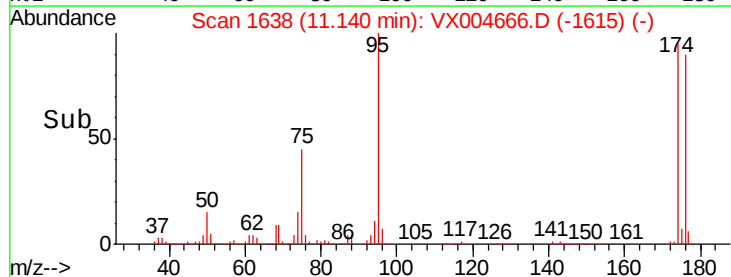
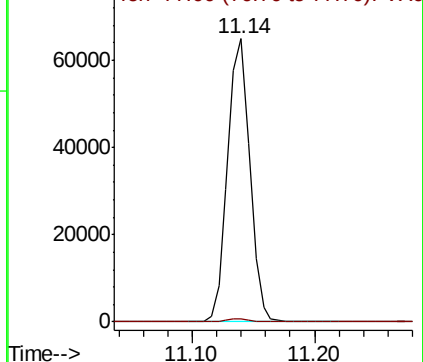
75 100

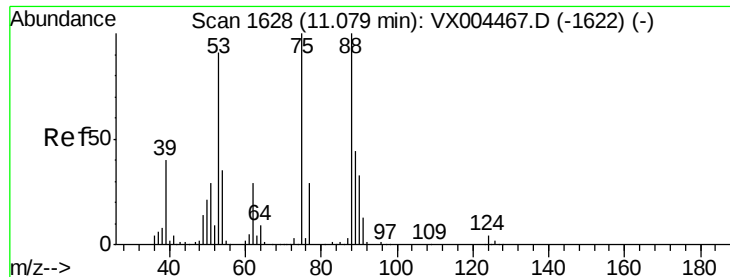
77 1.3 20.2 60.6#



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: 68.028 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004666.D

Acq: 18 Sep 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

RB48377RT

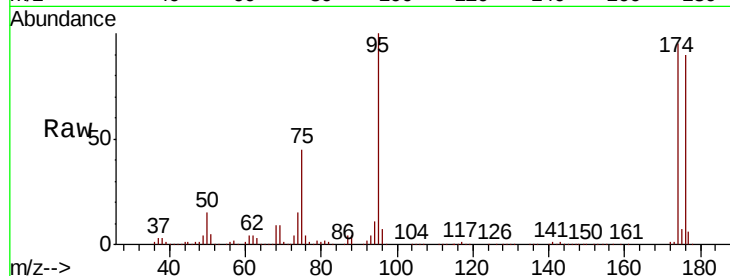
Tgt Ion: 75 Resp: 81709

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

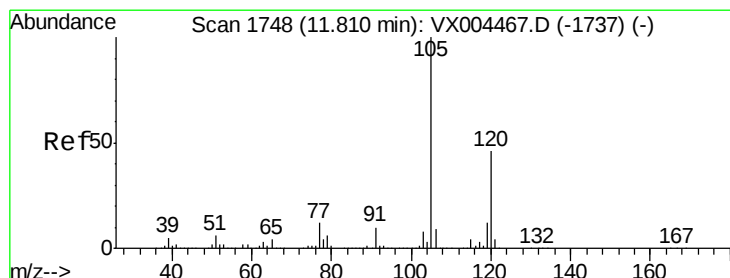
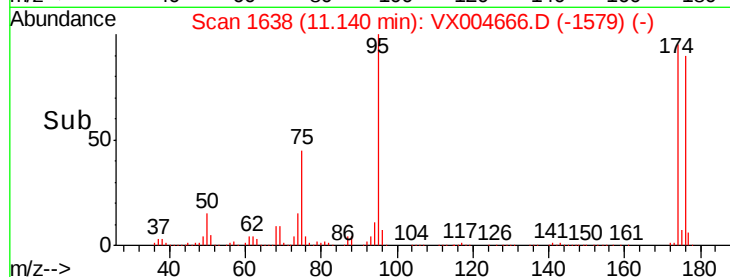
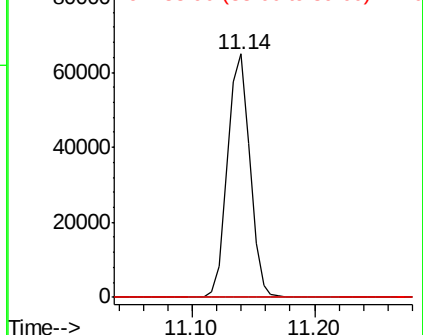
89 0.0 37.2 55.8#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.223 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004666.D

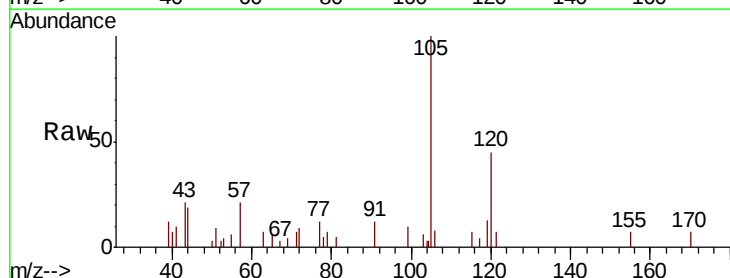
Acq: 18 Sep 2018 18:56

Tgt Ion: 105 Resp: 2401

Ion Ratio Lower Upper

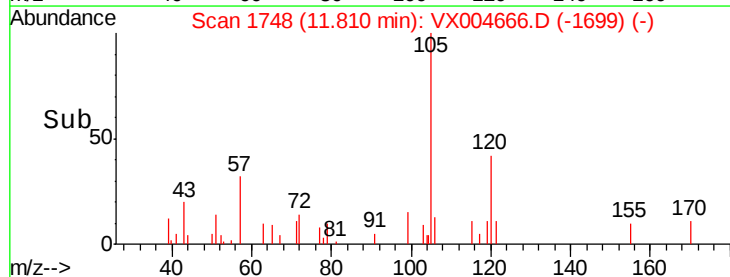
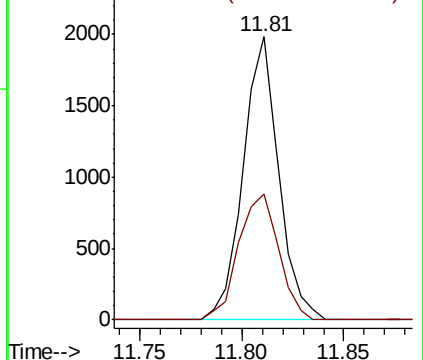
105 100

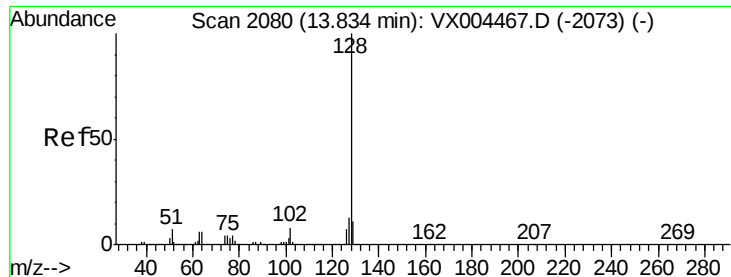
120 50.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 11.408 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004666.D
Acq: 18 Sep 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
RB48377RT

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.2	8.6	12.8

