

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009032.D
 Acq On : 18 Apr 2019 10:29
 Operator : JC/SP
 Sample : VX0418MBL01
 Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418MBL01

Quant Time: Apr 19 01:34:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	236937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	379997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	313951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128217	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	157908	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	
35) Dibromofluoromethane	5.49	113	115419	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
50) Toluene-d8	8.71	98	464677	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.13	95	149248	43.47	ug/l	0.00
Spiked Amount			Recovery	=	86.94%	

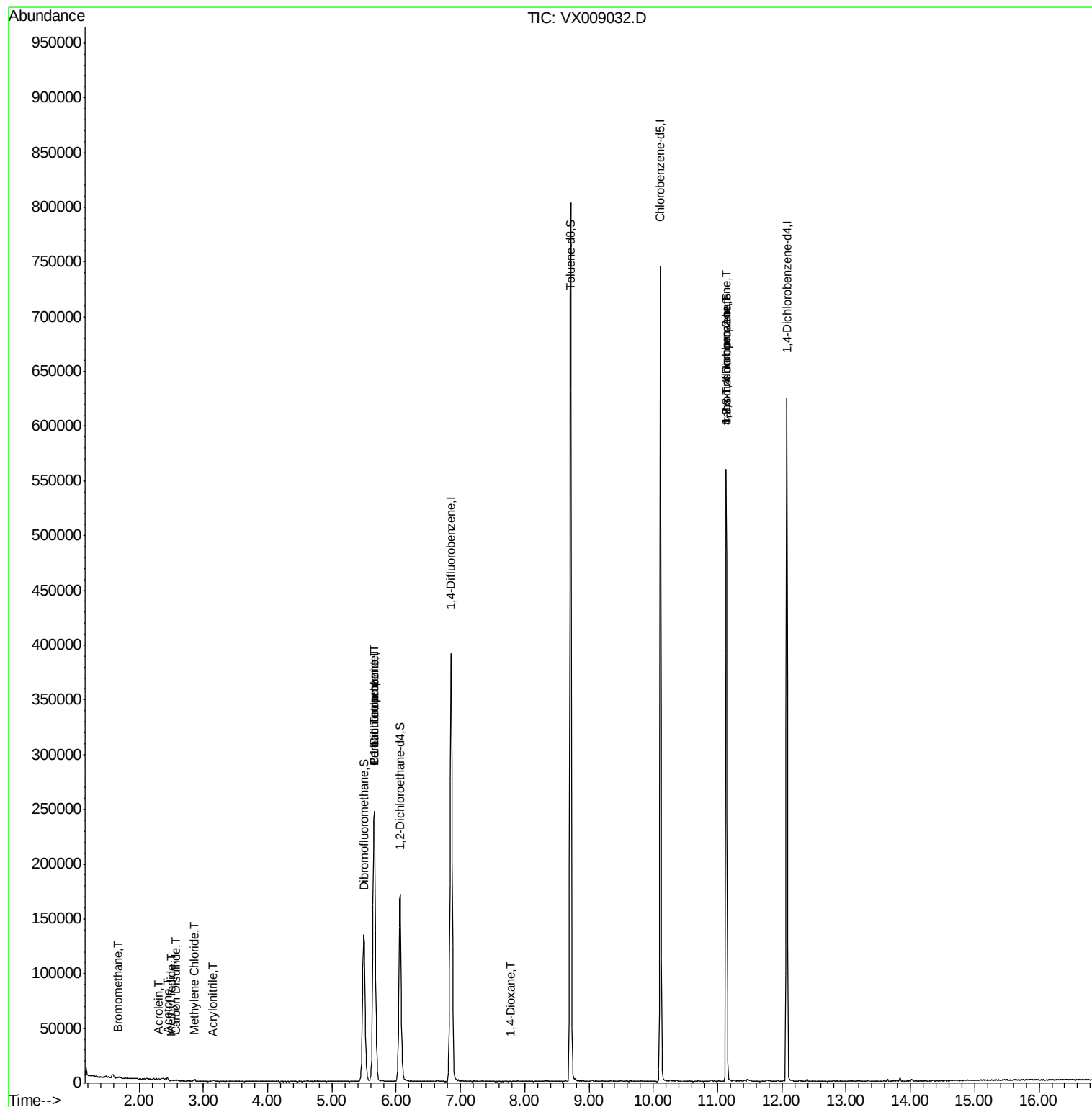
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.67	94	493	4.071	ug/l #	72
10) Methyl Iodide	2.51	142	366	4.540	ug/l #	82
13) Acrolein	2.29	56	377	0.589	ug/l #	31
15) Acrylonitrile	3.14	53	702	0.373	ug/l #	87
16) Acetone	2.44	43	2017	1.165	ug/l #	81
17) Carbon Disulfide	2.57	76	1201	1.409	ug/l #	81
20) Methylene Chloride	2.85	84	610	0.206	ug/l #	79
28) Bromochloromethane	5.03	49	211	Below Cal	#	21
36) 1,1-Dichloropropene	5.66	75	18986	4.831	ug/l #	50
38) Carbon Tetrachloride	5.65	117	22649	6.798	ug/l #	17
49) 1,4-Dioxane	7.77	88	22	0.292	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	75358	24.070	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	75358	61.794	ug/l #	11

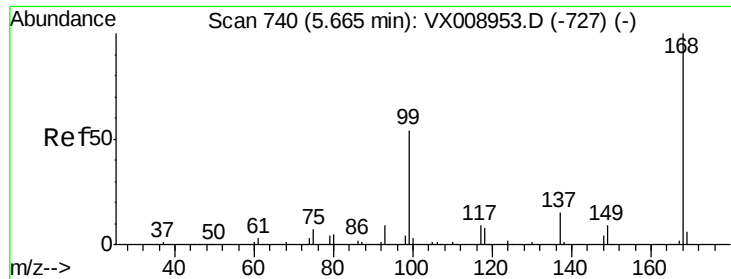
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009032.D

Acq: 18 Apr 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

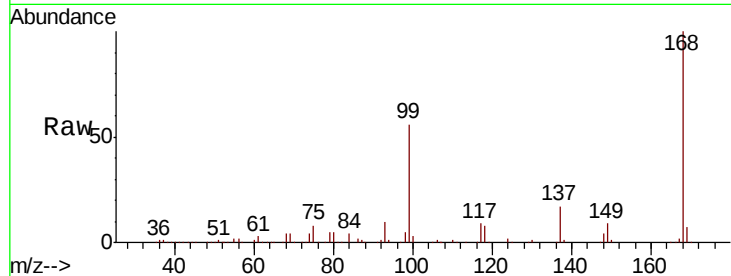
VX0418MBL01

Tot Ion:168 Resp: 236937

Ion Ratio Lower Upper

168 100

99 56.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

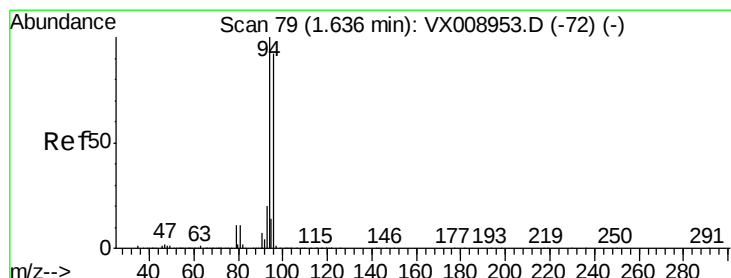
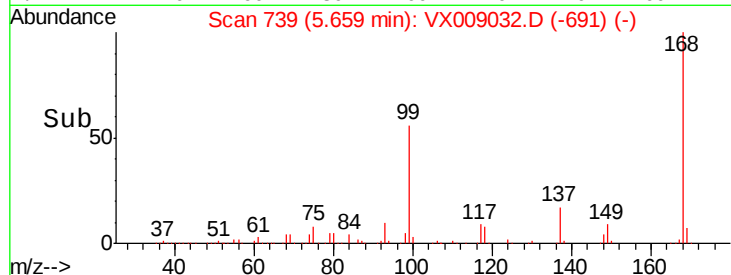
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 4.071 ug/l

RT: 1.67 min Scan# 84

Delta R.T. 0.03 min

Lab File: VX009032.D

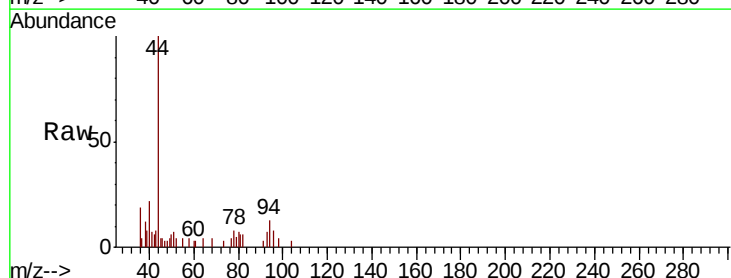
Acq: 18 Apr 2019 10:29

Tgt Ion: 94 Resp: 493

Ion Ratio Lower Upper

94 100

96 65.4 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250

200

150

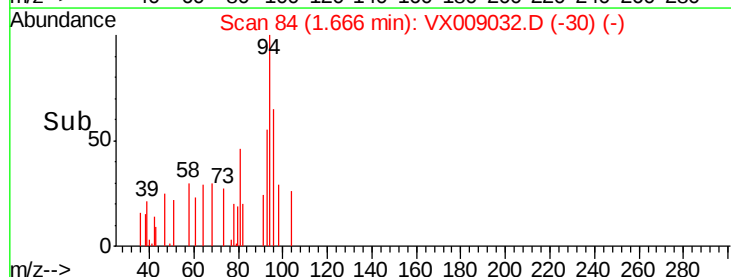
100

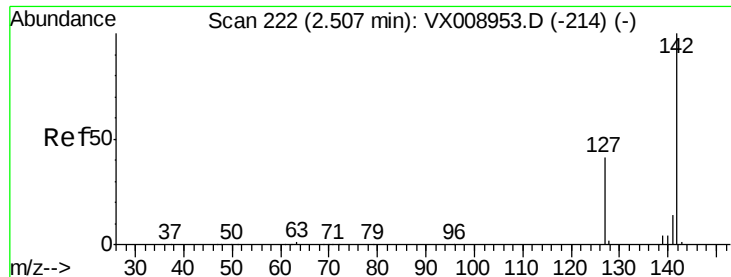
50

0

Time-->

1.60 1.65 1.70

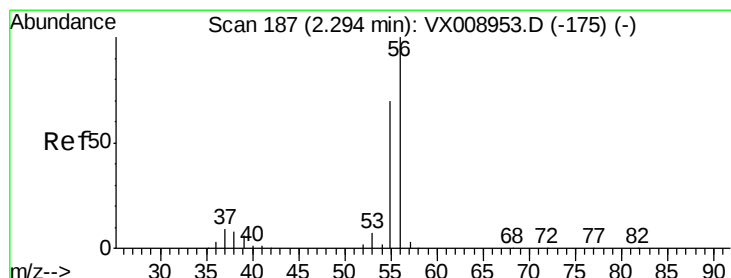
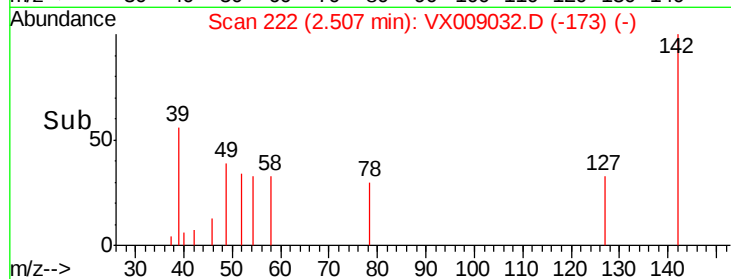
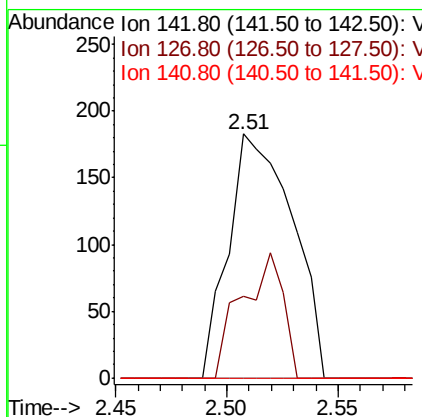
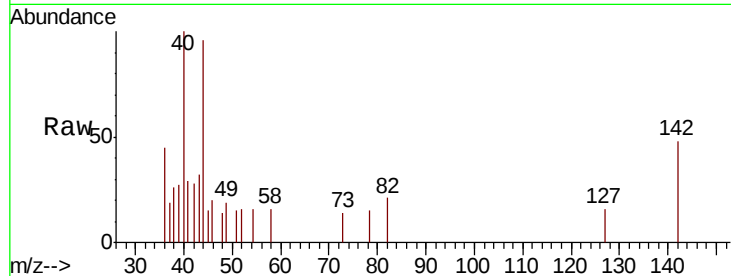




#10
Methvl Iodide
Concen: 4.540 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009032.D
Acq: 18 Apr 2019 10:29

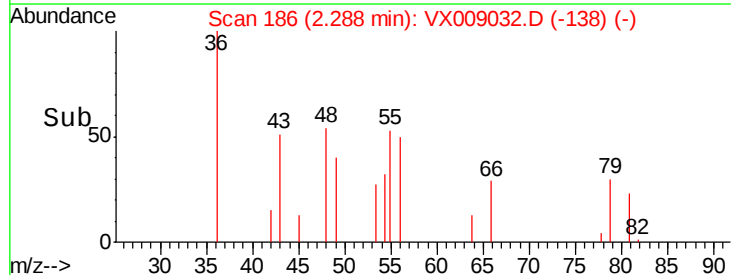
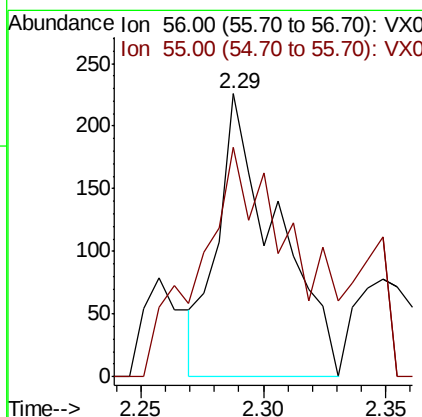
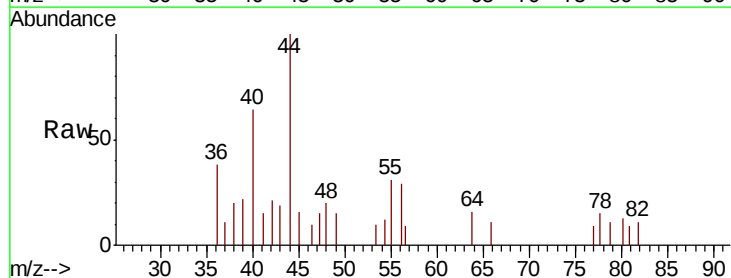
Instrument :
MSVOA_X
ClientSampleId :
VX0418MBL01

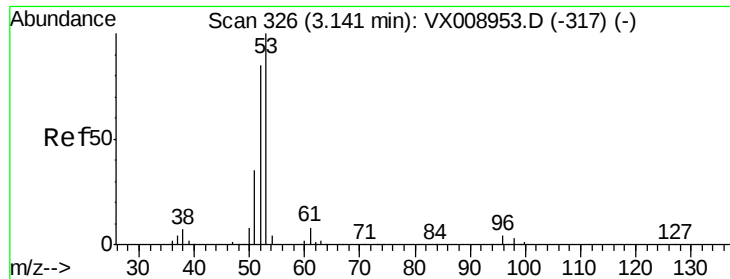
Tot Ion:142 Resp: 366
Ion Ratio Lower Upper
142 100
127 33.3 32.8 49.2
141 0.0 11.4 17.2#



#13
Acrolein
Concen: 0.589 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009032.D
Acq: 18 Apr 2019 10:29

Tgt Ion: 56 Resp: 377
Ion Ratio Lower Upper
56 100
55 127.9 56.6 84.8#





#15

Acrylonitrile

Concen: 0.373 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX009032.D

Acq: 18 Apr 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0418MBL01

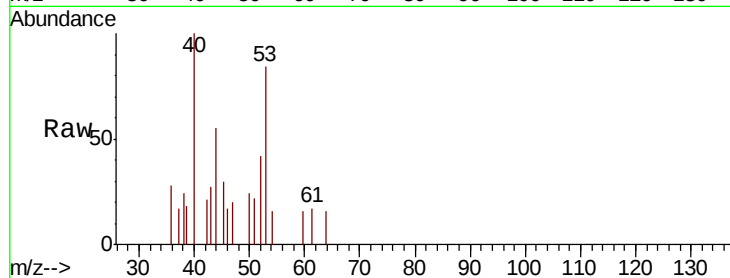
Tot Ion: 53 Resp: 702

Ion Ratio Lower Upper

53 100

52 71.2 66.6 100.0

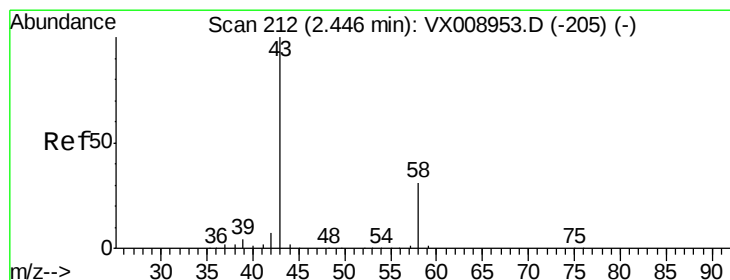
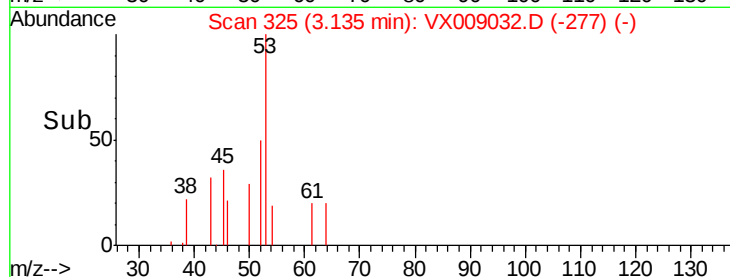
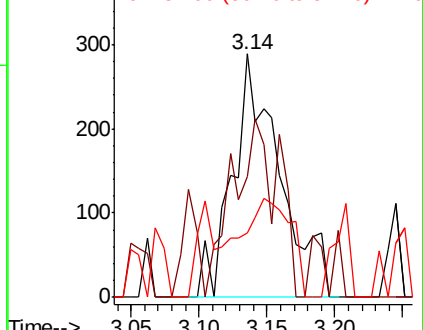
51 42.9 28.3 42.5#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 1.165 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009032.D

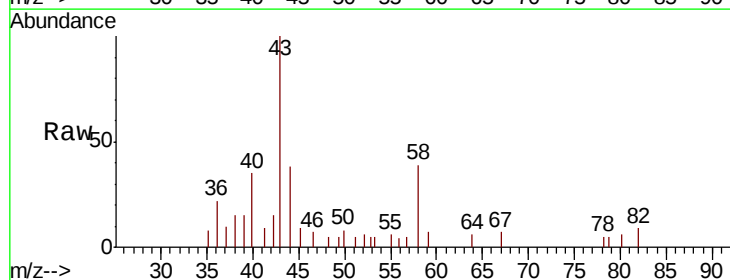
Acq: 18 Apr 2019 10:29

Tgt Ion: 43 Resp: 2017

Ion Ratio Lower Upper

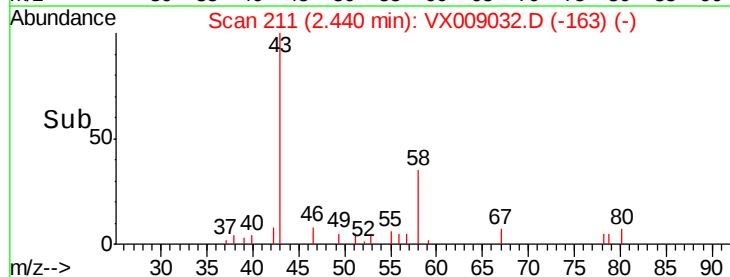
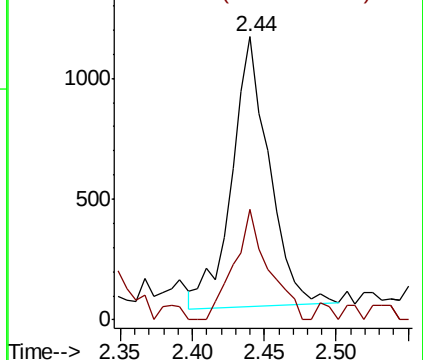
43 100

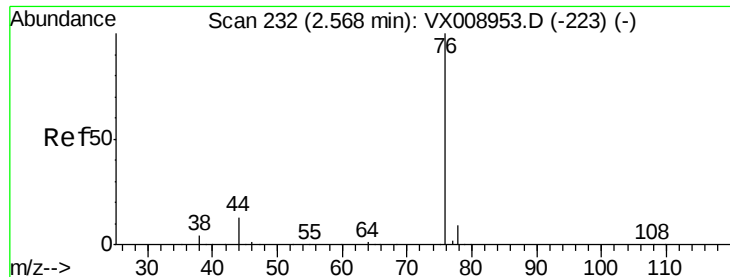
58 41.5 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.409 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX009032.D

Acq: 18 Apr 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

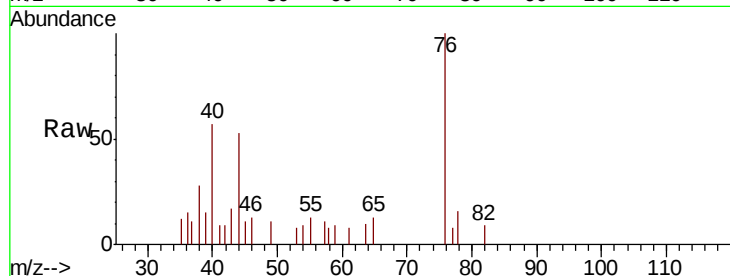
VX0418MBL01

Tot Ion: 76 Resp: 1201

Ion Ratio Lower Upper

76 100

78 15.8 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

800

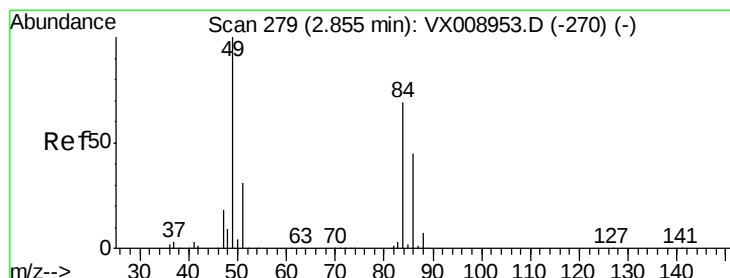
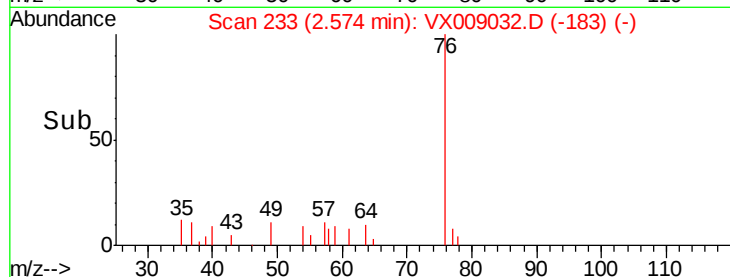
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 0.206 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX009032.D

Acq: 18 Apr 2019 10:29

Tgt Ion: 84 Resp: 610

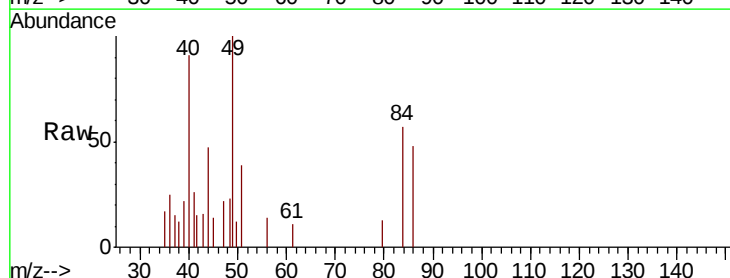
Ion Ratio Lower Upper

84 100

49 174.2 115.4 173.0#

51 48.8 35.8 53.6

86 82.9 52.1 78.1#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

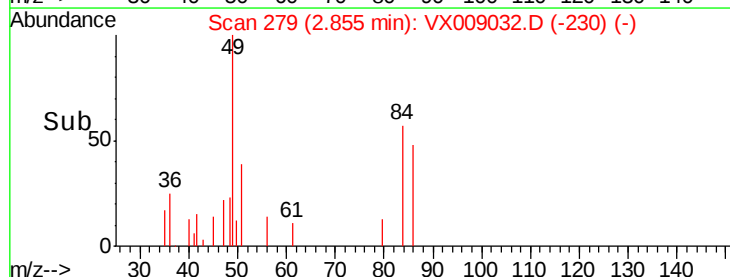
600

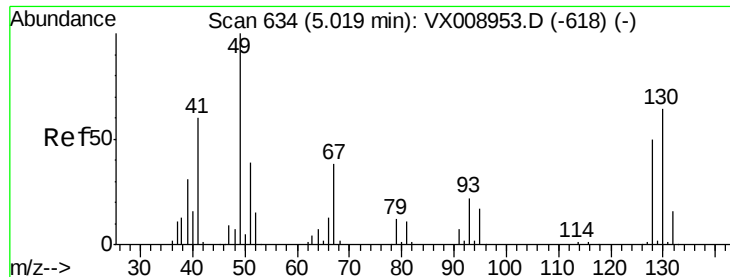
400

200

0

Time-->





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 635

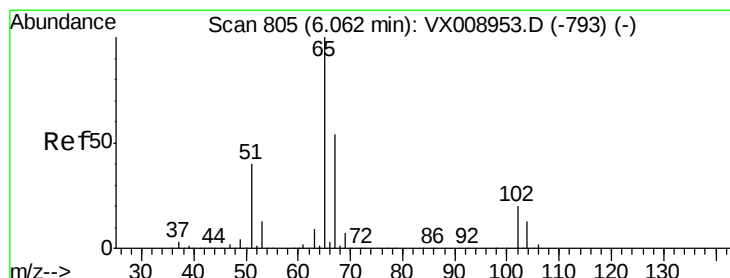
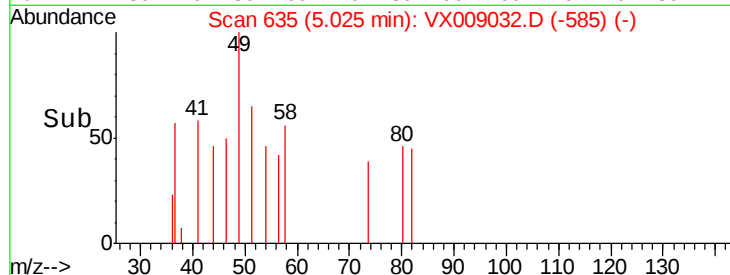
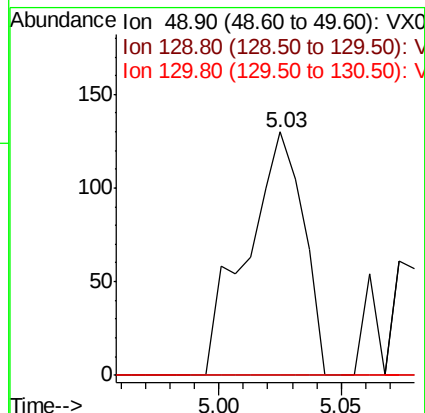
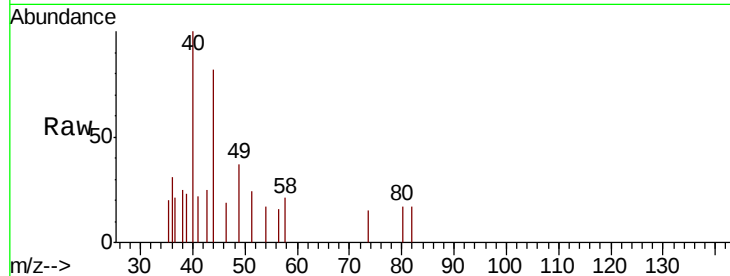
Delta R.T. 0.01 min

Lab File: VX009032.D

Acq: 18 Apr 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0418MBL01

Tot Ion: 49 Resp: 211
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 50.4 75.6#



#33

1,2-Dichloroethane-d4

Concen: 47.290 ug/l

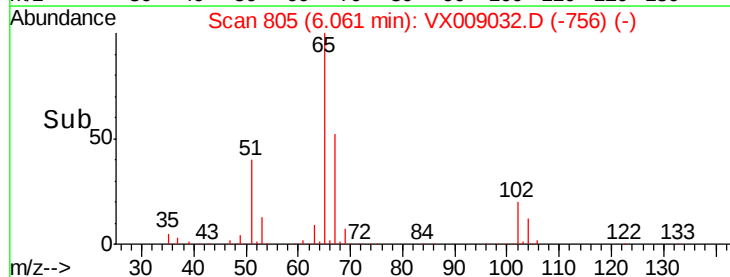
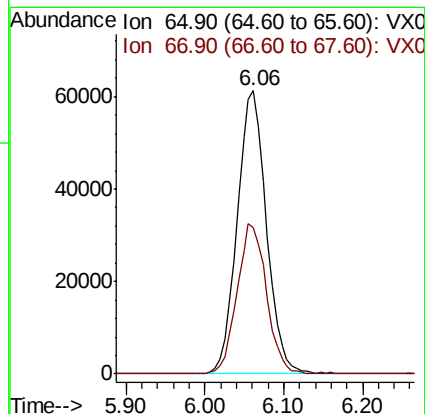
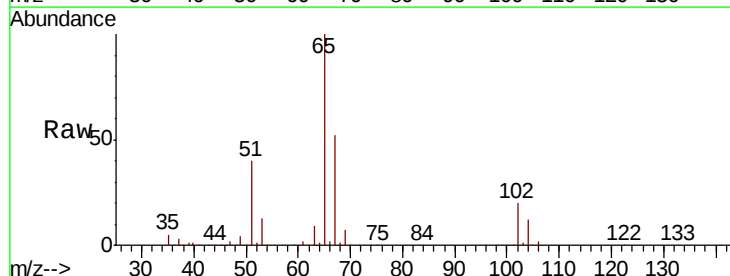
RT: 6.06 min Scan# 805

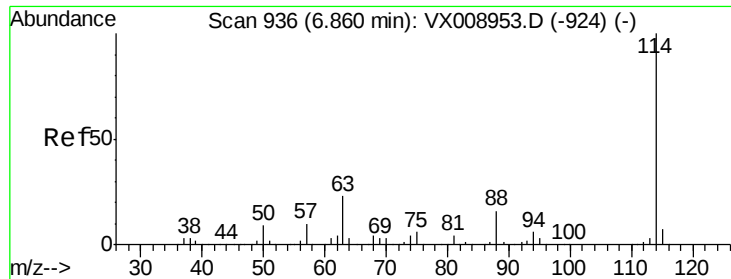
Delta R.T. -0.00 min

Lab File: VX009032.D

Acq: 18 Apr 2019 10:29

Tgt Ion: 65 Resp: 157908
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.6

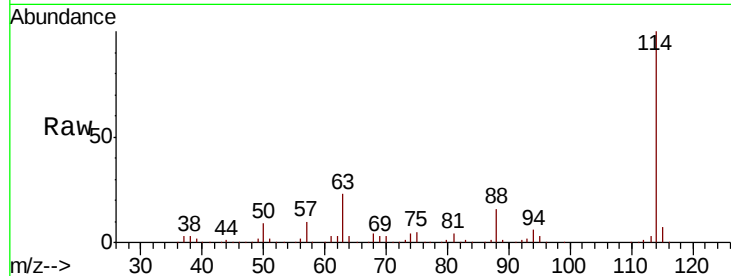




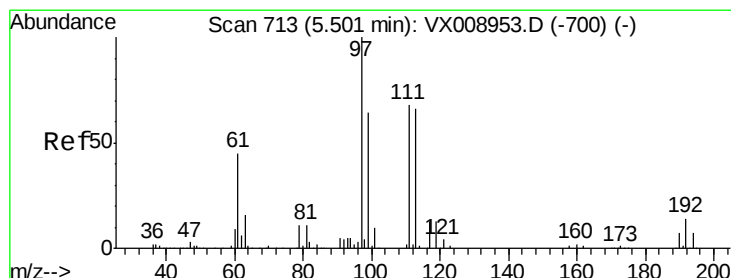
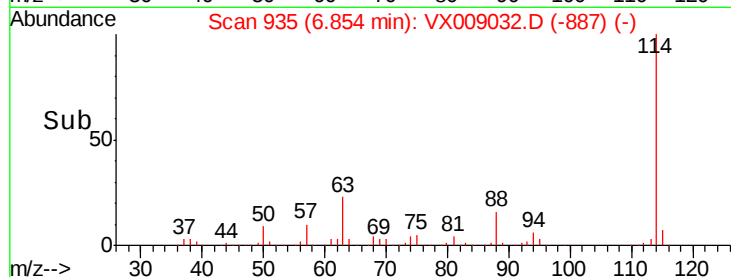
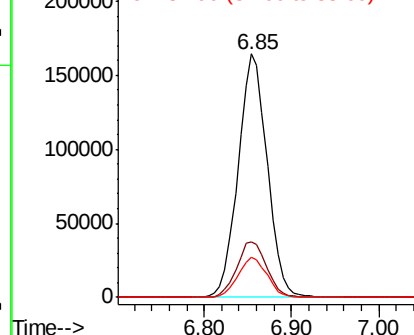
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX009032.D
Acq: 18 Apr 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0418MBL01

Tot Ion:114 Resp: 379997
Ion Ratio Lower Upper
114 100
63 23.0 0.0 46.0
88 16.4 0.0 32.6

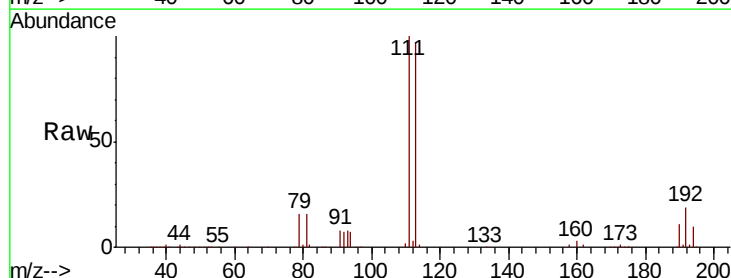


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

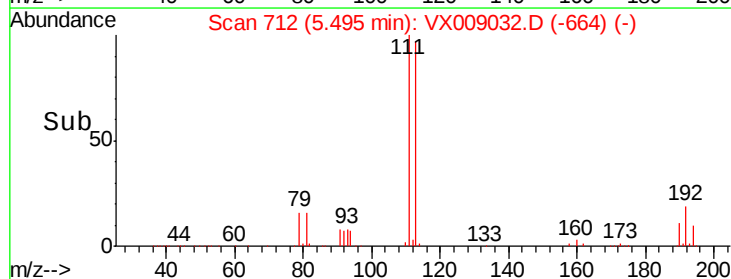
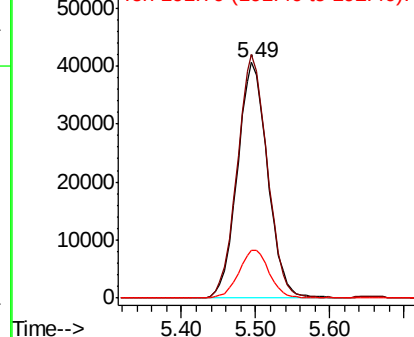


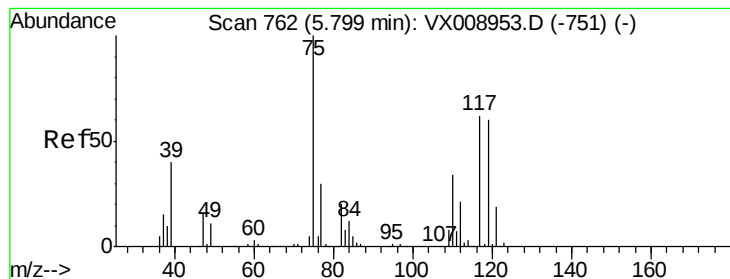
#35
Dibromofluoromethane
Concen: 47.327 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009032.D
Acq: 18 Apr 2019 10:29

Tgt Ion:113 Resp: 115419
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 20.6 17.4 26.0



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: 4.831 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX009032.D

Acq: 18 Apr 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0418MBL01

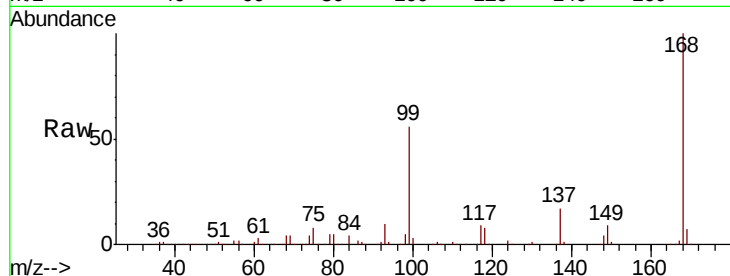
Tot Ion: 75 Resp: 18986

Ion Ratio Lower Upper

75 100

110 8.8 16.9 50.7#

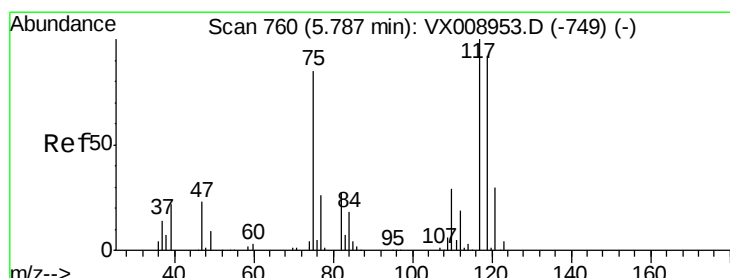
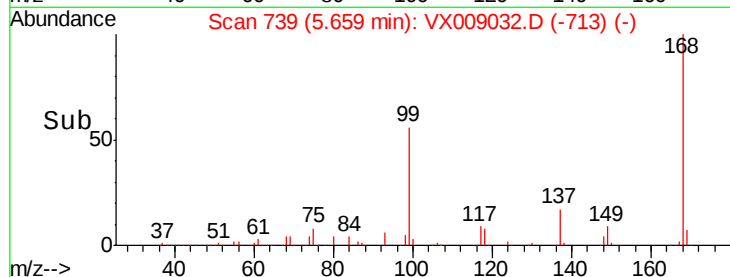
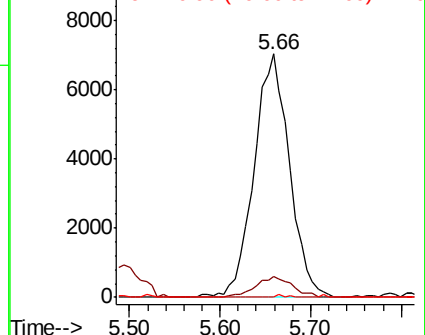
77 0.3 25.0 37.4#



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: 6.798 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX009032.D

Acq: 18 Apr 2019 10:29

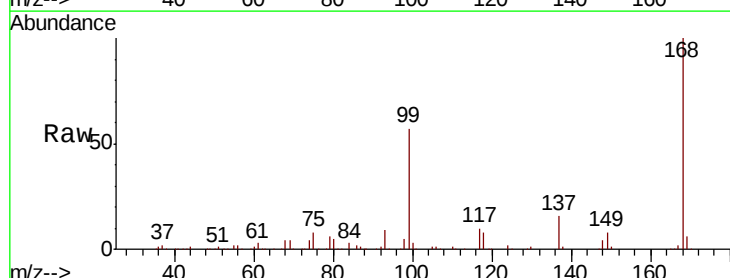
Tgt Ion: 117 Resp: 22649

Ion Ratio Lower Upper

117 100

119 4.5 73.8 110.8#

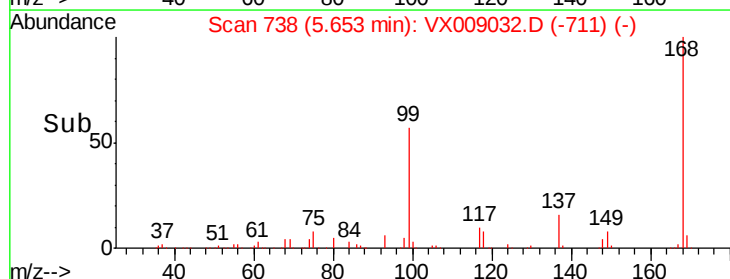
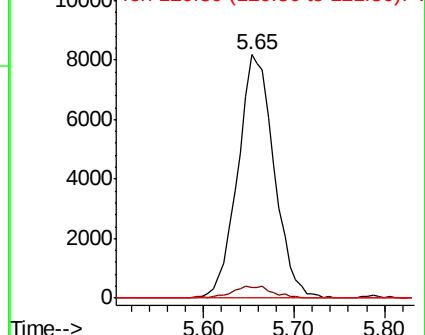
121 0.0 23.6 35.4#

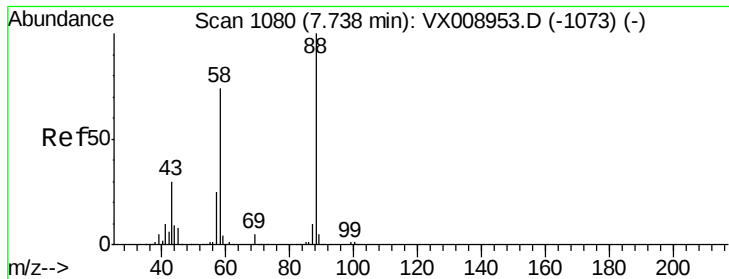


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 0.292 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.04 min

Lab File: VX009032.D

Acq: 18 Apr 2019 10:29

Instrument :

MSVOA_X

ClientSampled :

VX0418MBL01

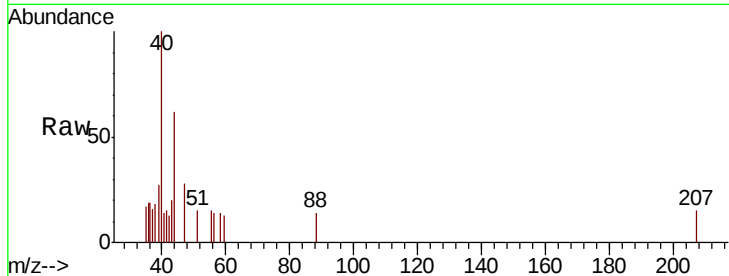
Tot Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 568.2 29.3 43.9#

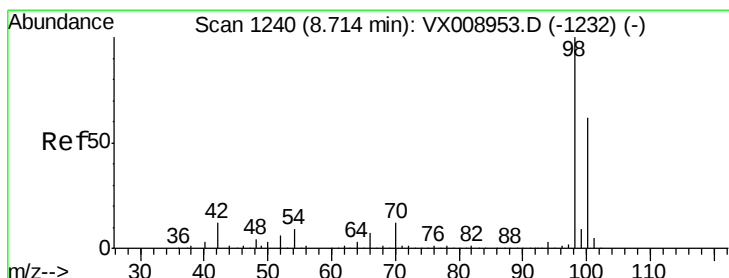
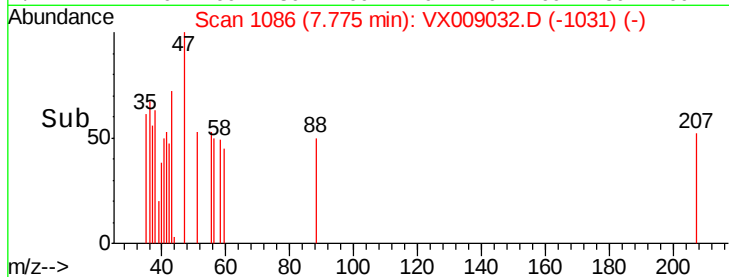
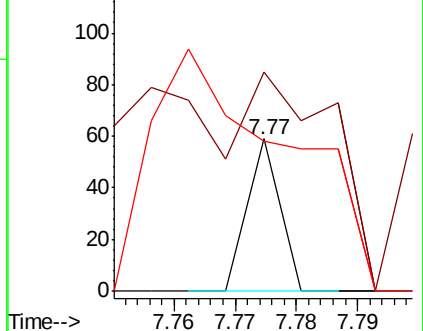
58 659.1 62.6 93.8#



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: 47.778 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009032.D

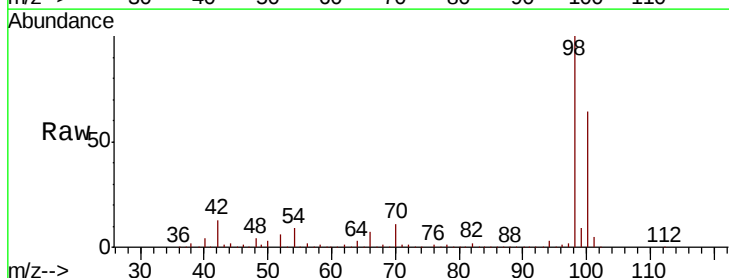
Acq: 18 Apr 2019 10:29

Tgt Ion: 98 Resp: 464677

Ion Ratio Lower Upper

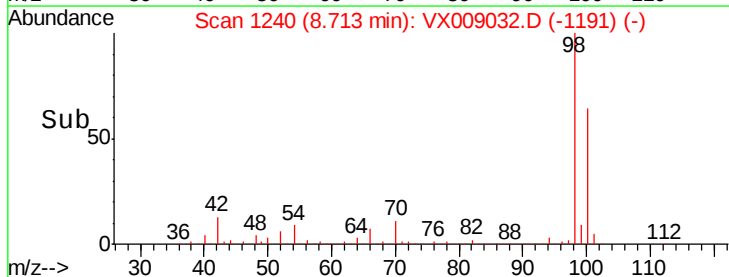
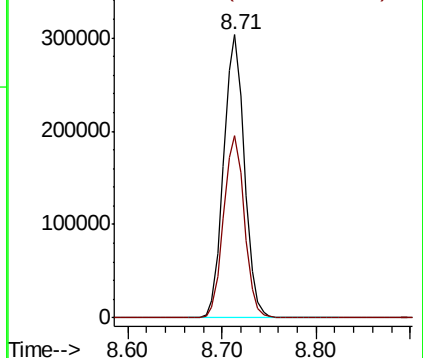
98 100

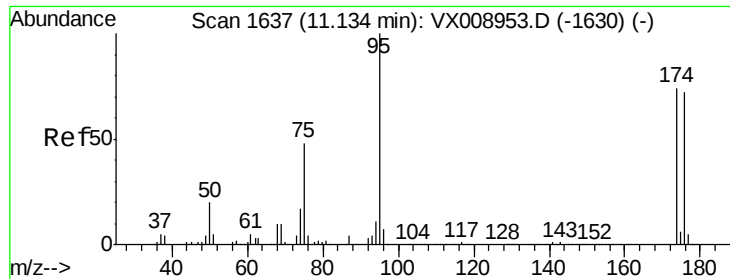
100 64.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.472 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009032.D

Acq: 18 Apr 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0418MBL01

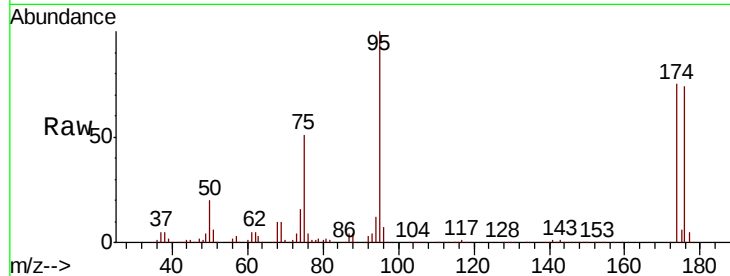
Tot Ion: 95 Resp: 149248

Ion Ratio Lower Upper

95 100

174 77.8 0.0 159.6

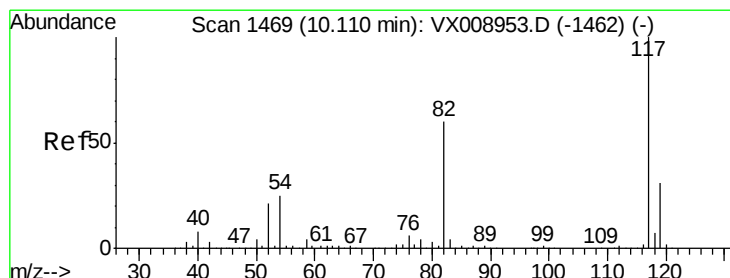
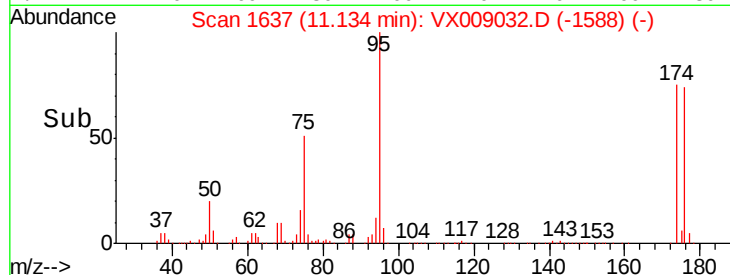
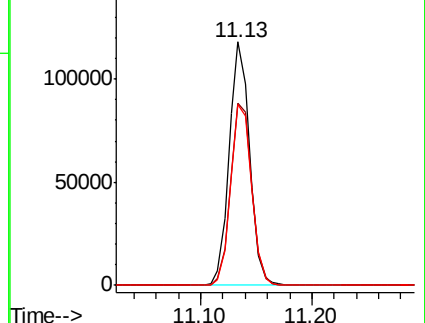
176 76.5 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009032.D

Acq: 18 Apr 2019 10:29

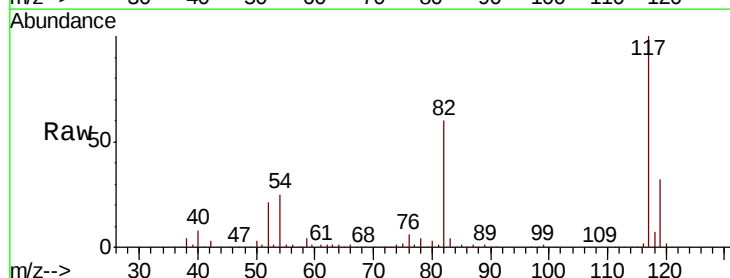
Tgt Ion: 117 Resp: 313951

Ion Ratio Lower Upper

117 100

82 60.5 48.2 72.4

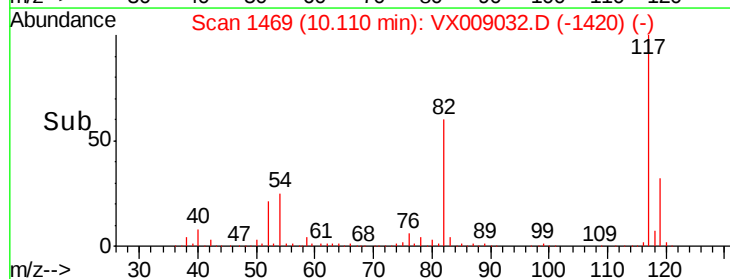
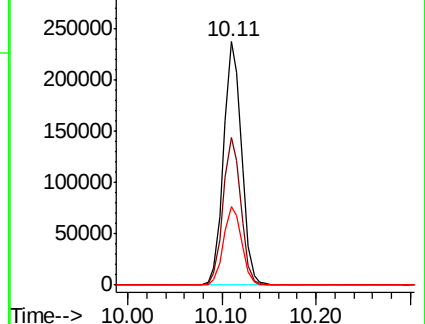
119 32.4 25.0 37.6

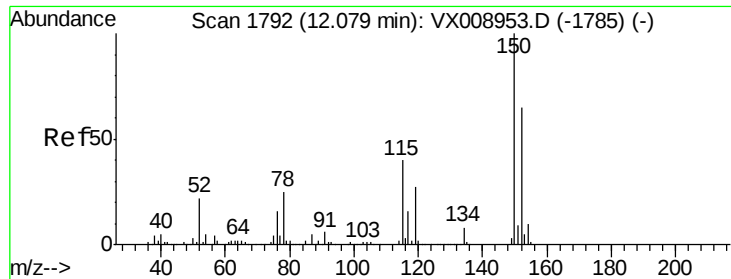


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)



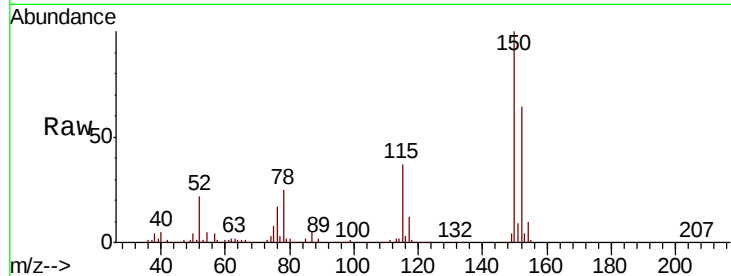


#72

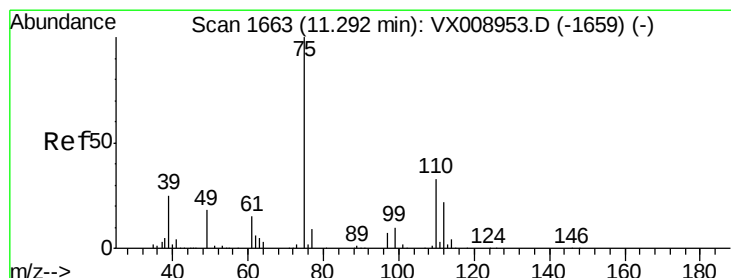
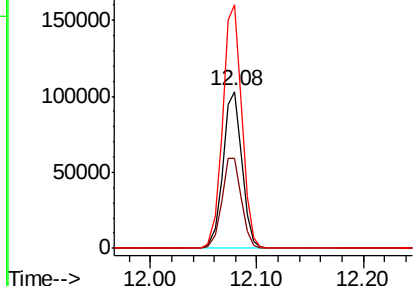
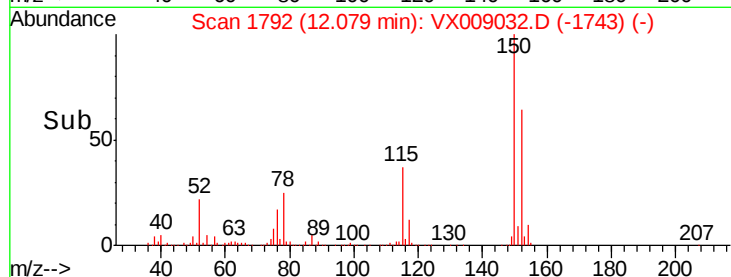
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009032.D
Acq: 18 Apr 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0418MBL01

Tot Ion:152 Resp: 128217
Ion Ratio Lower Upper
152 100
115 59.4 41.4 124.2
150 157.3 0.0 349.8



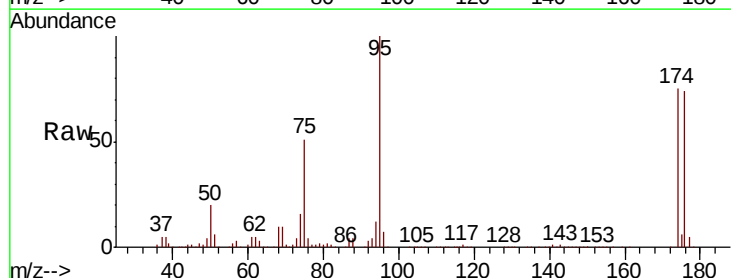
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



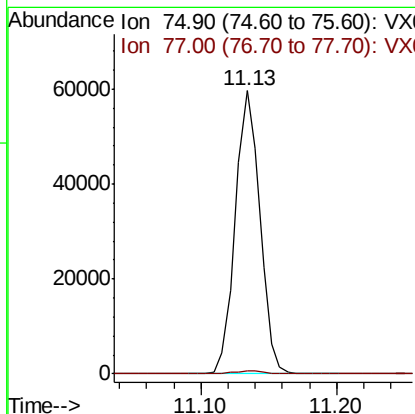
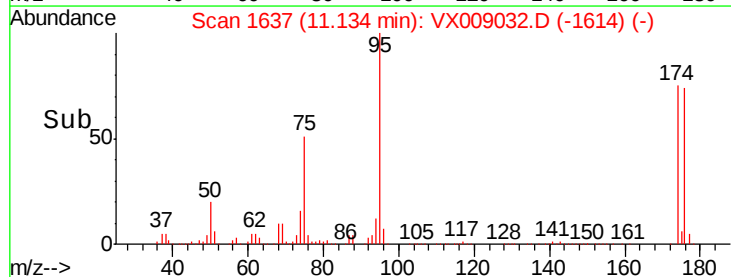
#76

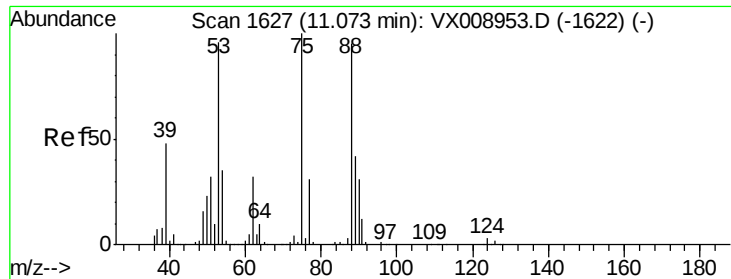
1,2,3-Trichloropropane
Concen: 24.070 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009032.D
Acq: 18 Apr 2019 10:29

Tgt Ion: 75 Resp: 75358
Ion Ratio Lower Upper
75 100
77 1.3 22.7 68.0#



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: 61.794 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009032.D

Acq: 18 Apr 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0418MBL01

Tot Ion: 75 Resp: 75358

Ion Ratio Lower Upper

75 100

53 0.1 78.2 117.4#

89 0.0 36.0 54.0#

