

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120418\
 Data File : VX006269.D
 Acq On : 04 Dec 2018 10:59
 Operator : JC/MD
 Sample : VX1204WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBL01

Quant Time: Dec 04 12:56:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	805794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1195851	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1084538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	524101	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	390912	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
35) Dibromofluoromethane	5.50	113	378146	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
50) Toluene-d8	8.71	98	1394798	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	511377	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	

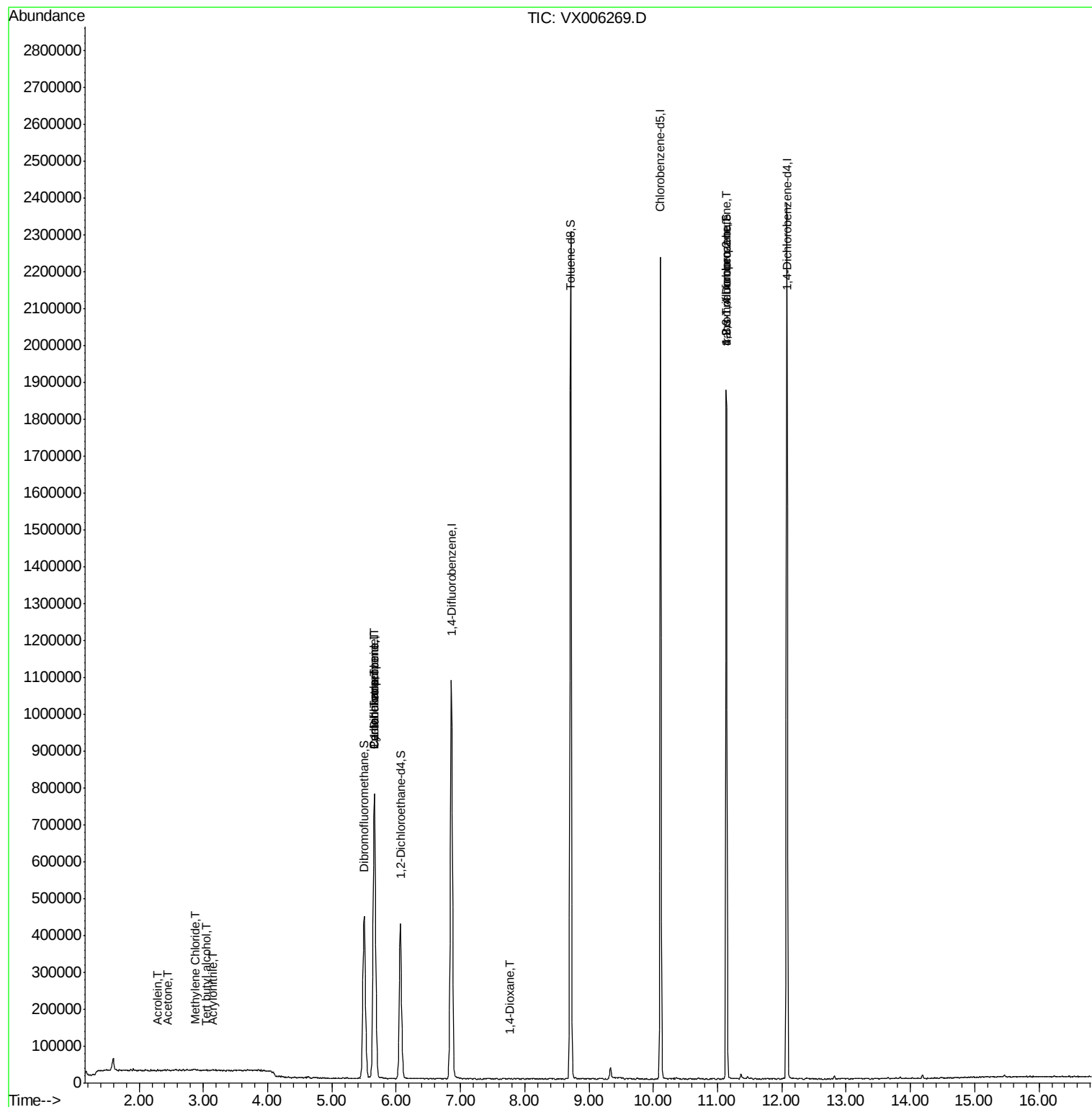
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.04	59	479	0.213	ug/l #	1
13) Acrolein	2.28	56	756	0.615	ug/l #	50
15) Acrylonitrile	3.15	53	1674	0.357	ug/l #	70
16) Acetone	2.45	43	1301	0.337	ug/l #	79
20) Methylene Chloride	2.87	84	1693	0.206	ug/l #	88
31) Cyclohexane	5.65	56	12224	1.029	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	50969	5.061	ug/l #	49
38) Carbon Tetrachloride	5.67	117	72188	6.093	ug/l #	16
49) 1,4-Dioxane	7.76	88	665	2.950	ug/l #	51
76) 1,2,3-Trichloropropane	11.13	75	229721	22.709	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	229721	53.291	ug/l #	15

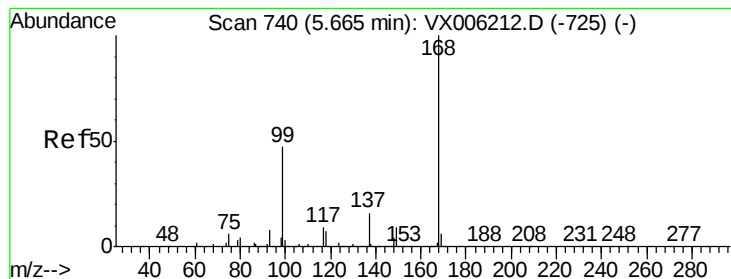
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120418\
Data File : VX006269.D
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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
VX1204WBL01

Quant Time: Dec 04 12:56:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006269.D

Acq: 04 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

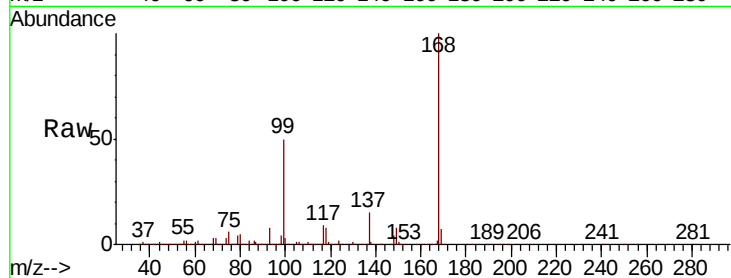
VX1204WBL01

Tot Ion:168 Resp: 805794

Ion Ratio Lower Upper

168 100

99 49.7 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

300000

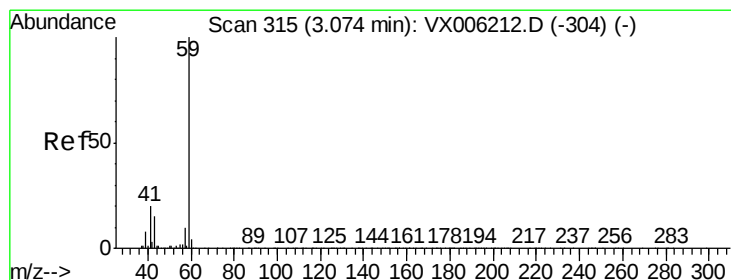
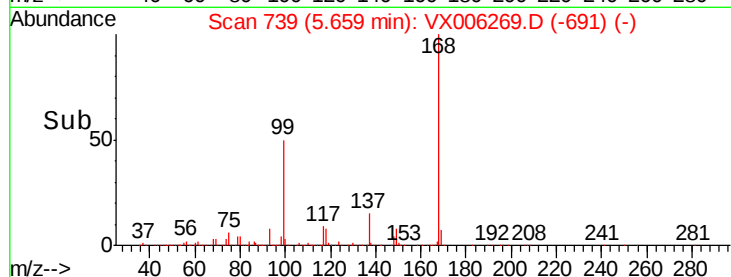
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 0.213 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.03 min

Lab File: VX006269.D

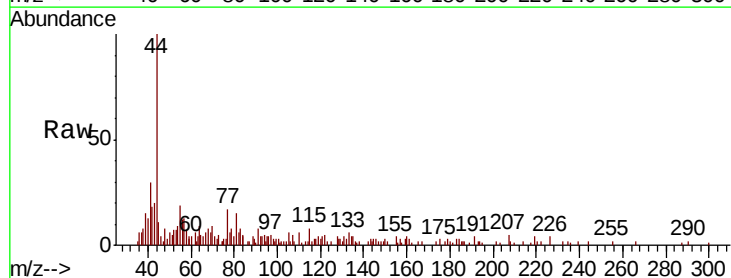
Acq: 04 Dec 2018 10:59

Tgt Ion: 59 Resp: 479

Ion Ratio Lower Upper

59 100

57 93.3 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

800

600

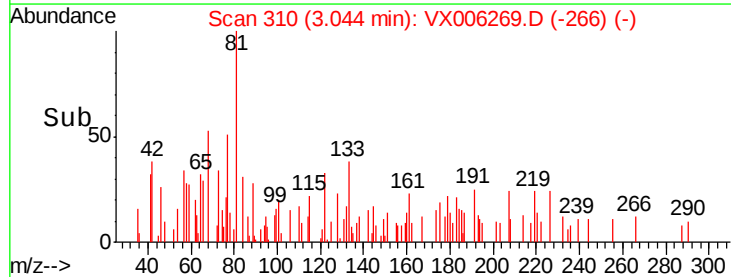
400

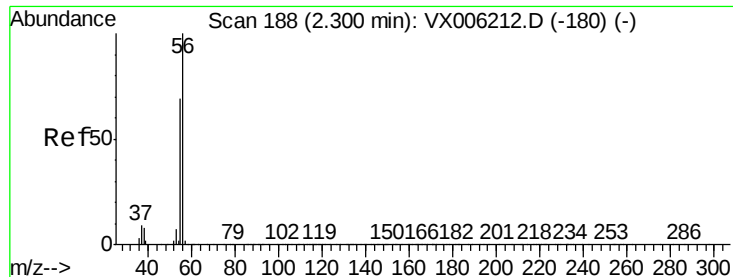
200

0

Time-->

3.00 3.05





#13

Acrolein

Concen: 0.615 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.02 min

Lab File: VX006269.D

Acq: 04 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

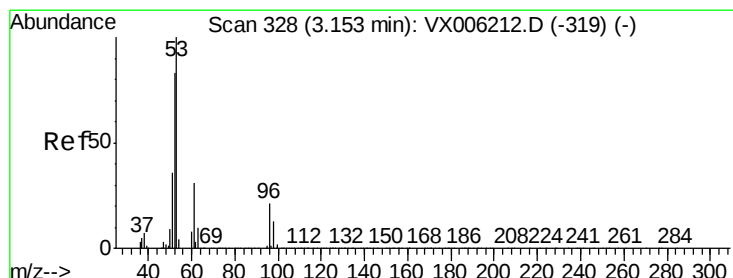
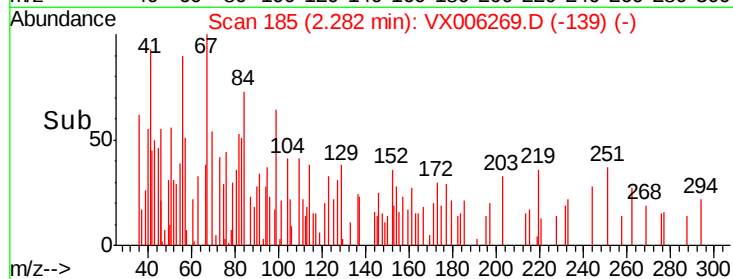
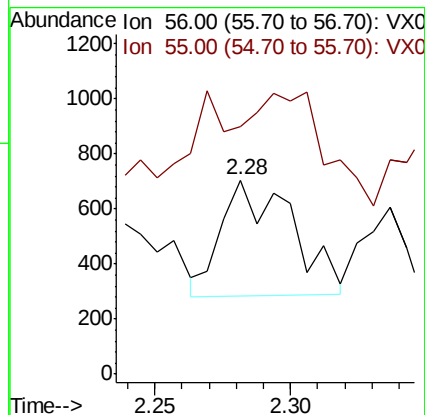
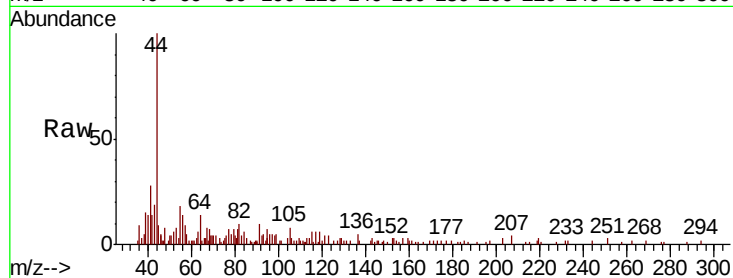
VX1204WBL01

Tot Ion: 56 Resp: 756

Ion Ratio Lower Upper

56 100

55 30.6 57.8 86.6#



#15

Acrylonitrile

Concen: 0.357 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006269.D

Acq: 04 Dec 2018 10:59

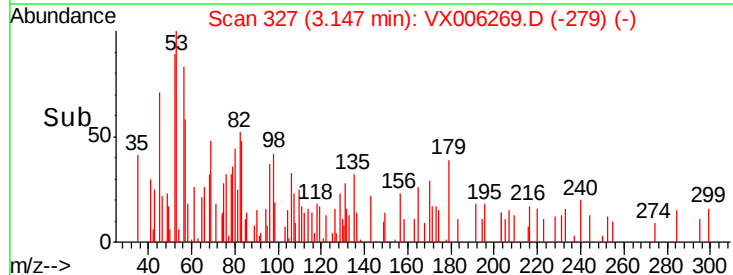
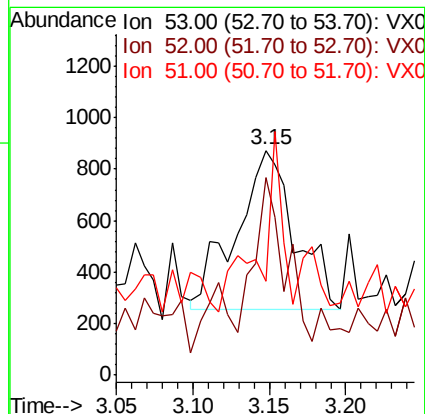
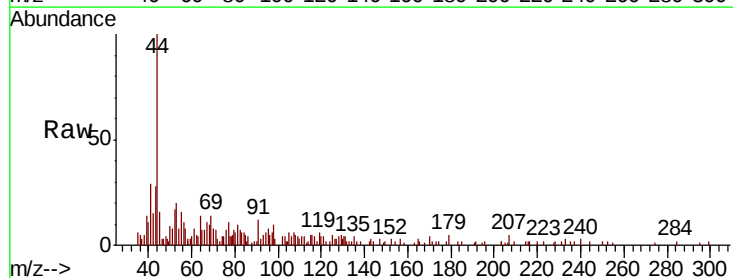
Tgt Ion: 53 Resp: 1674

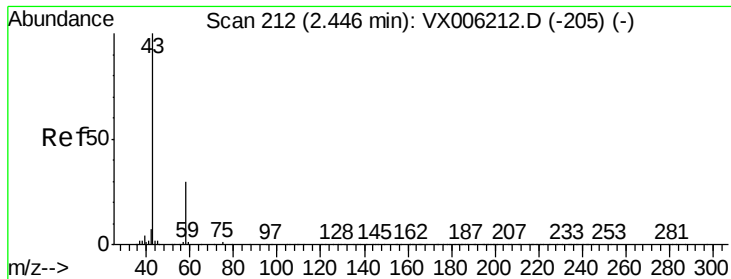
Ion Ratio Lower Upper

53 100

52 51.2 66.2 99.4#

51 25.7 28.7 43.1#

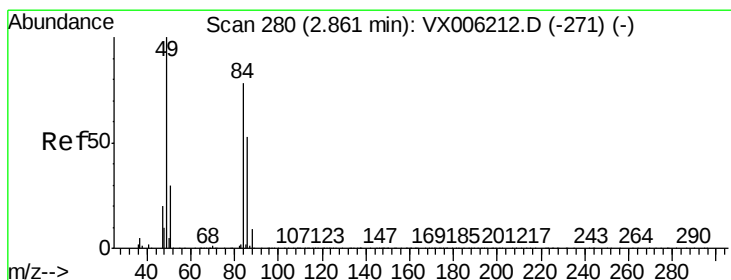
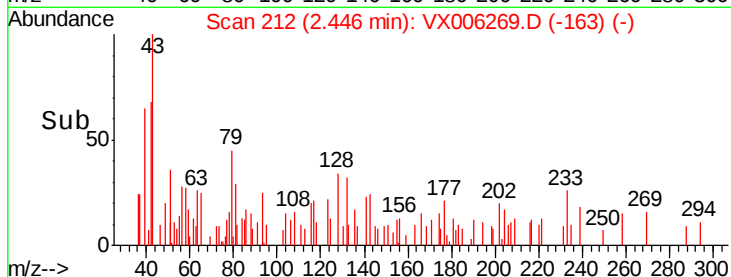
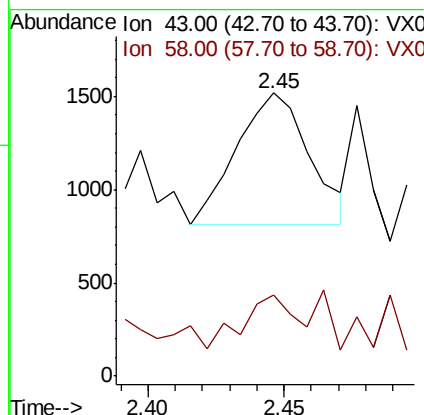
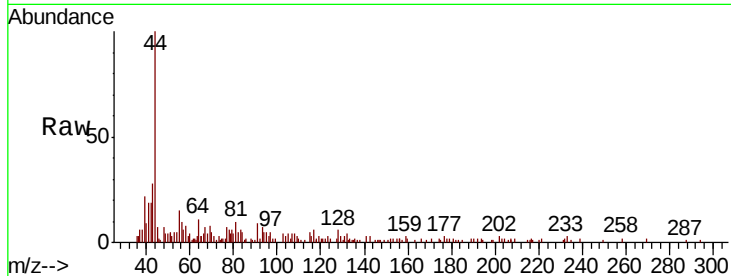




#16
Acetone
Concen: 0.337 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006269.D
Acq: 04 Dec 2018 10:59

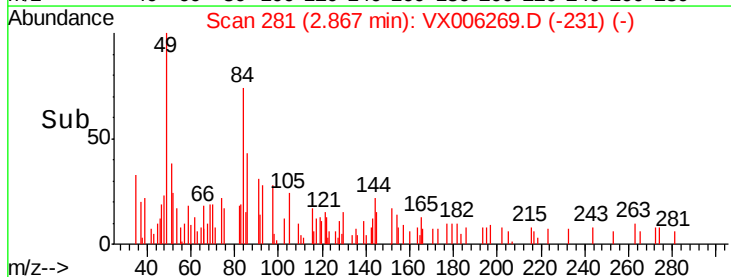
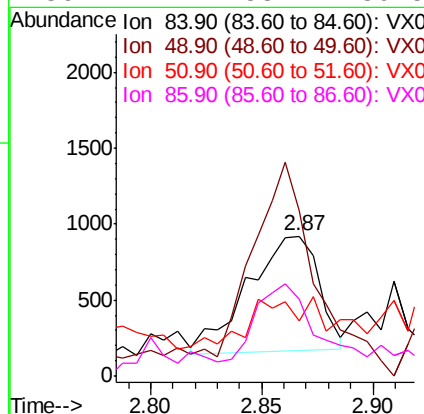
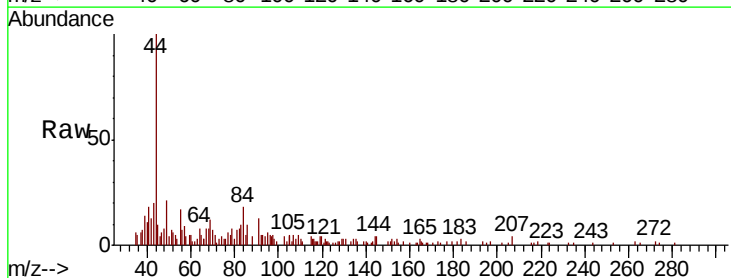
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBL01

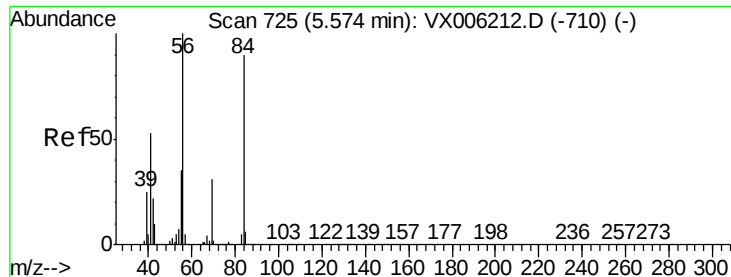
Tot Ion: 43 Resp: 1301
Ion Ratio Lower Upper
43 100
58 41.6 24.0 36.0#



#20
Methylene Chloride
Concen: 0.206 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006269.D
Acq: 04 Dec 2018 10:59

Tgt Ion: 84 Resp: 1693
Ion Ratio Lower Upper
84 100
49 128.5 102.2 153.4
51 22.8 31.1 46.7#
86 47.1 53.7 80.5#

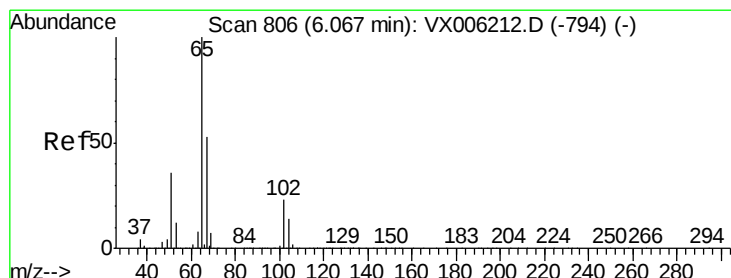
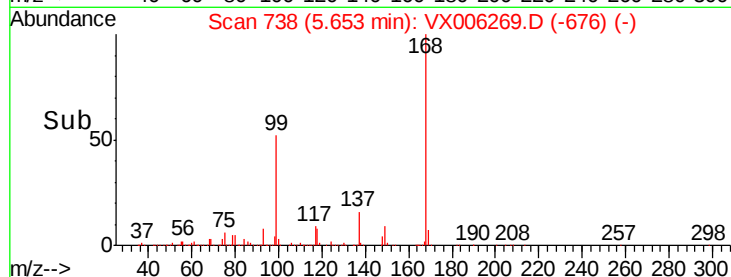
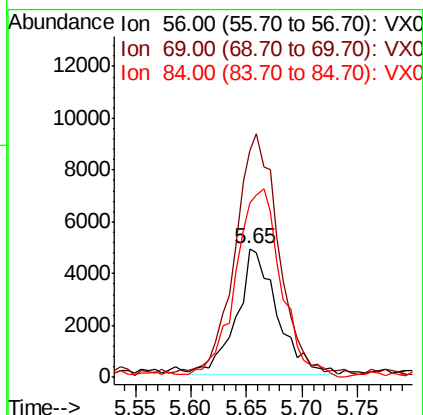
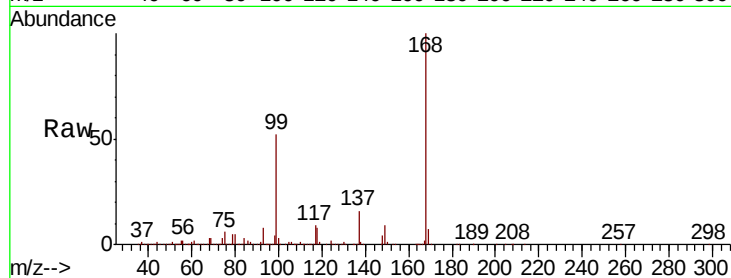




#31
Cyclohexane
Concen: 1.029 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX006269.D
Acq: 04 Dec 2018 10:59

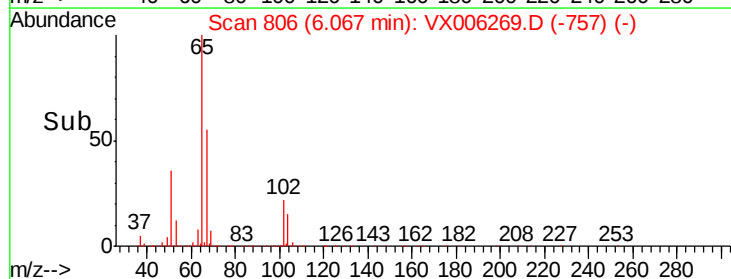
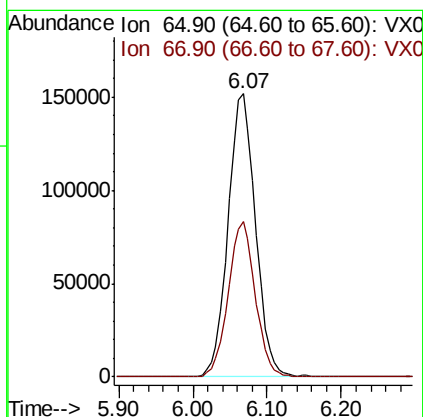
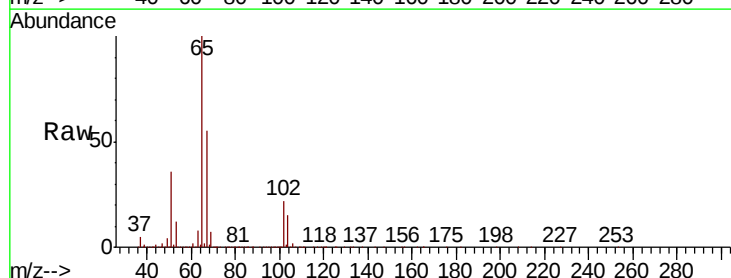
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBL01

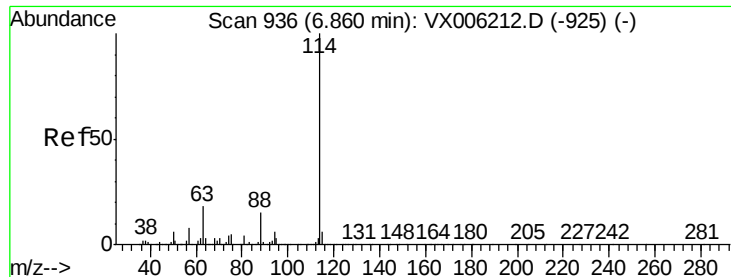
Tot Ion: 56 Resp: 12224
Ion Ratio Lower Upper
56 100
69 175.4 24.5 36.7#
84 139.8 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 47.522 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006269.D
Acq: 04 Dec 2018 10:59

Tgt Ion: 65 Resp: 390912
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006269.D

Acq: 04 Dec 2018 10:59

Instrument :

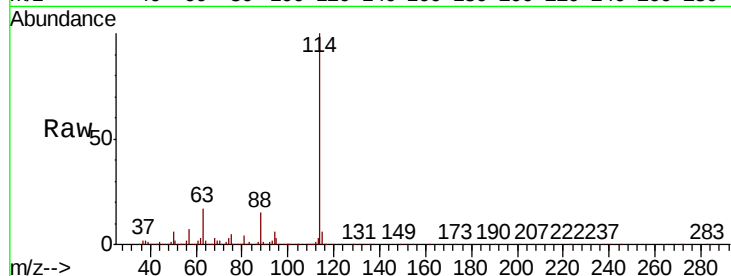
MSVOA_X

ClientSampleId :

VX1204WBL01

Tot Ion:114 Resp: 1195851

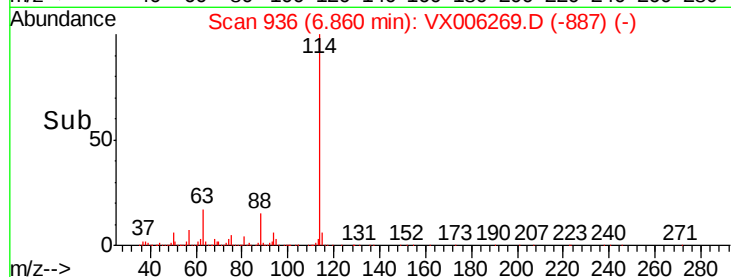
Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	36.6
88	14.8	0.0	29.0



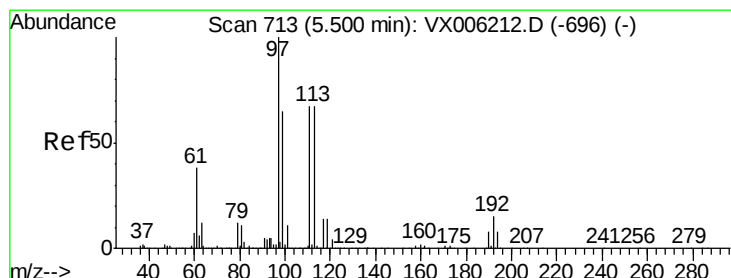
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->



#35

Dibromofluoromethane

Concen: 48.839 ug/l

RT: 5.50 min Scan# 713

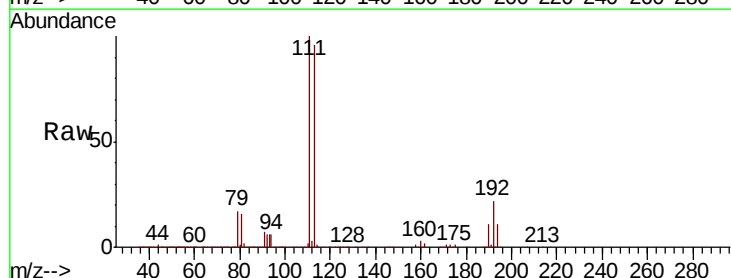
Delta R.T. 0.00 min

Lab File: VX006269.D

Acq: 04 Dec 2018 10:59

Tgt Ion:113 Resp: 378146

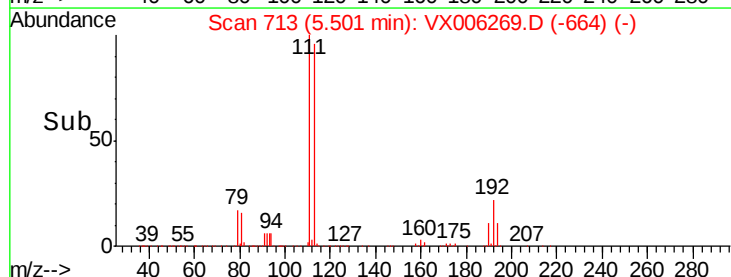
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.1	121.7
192	22.2	18.2	27.2



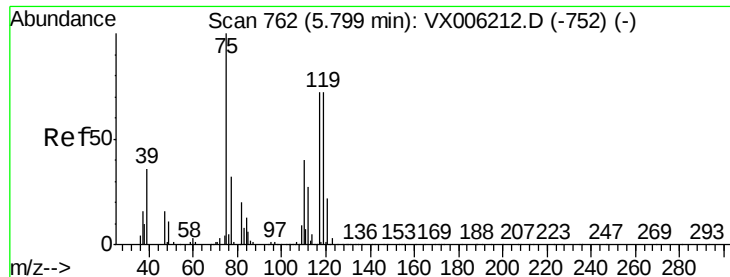
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#36

1,1-Dichloropropene

Concen: 5.061 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006269.D

Acq: 04 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBL01

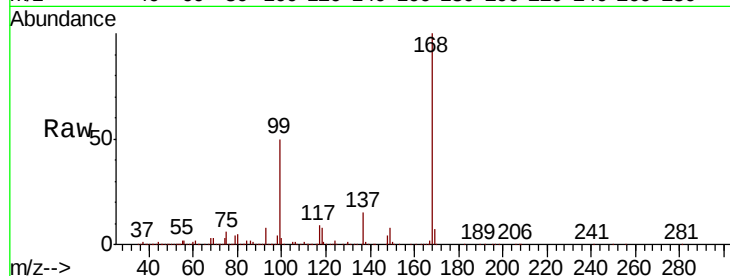
Tot Ion: 75 Resp: 50969

Ion Ratio Lower Upper

75 100

110 10.5 20.4 61.3#

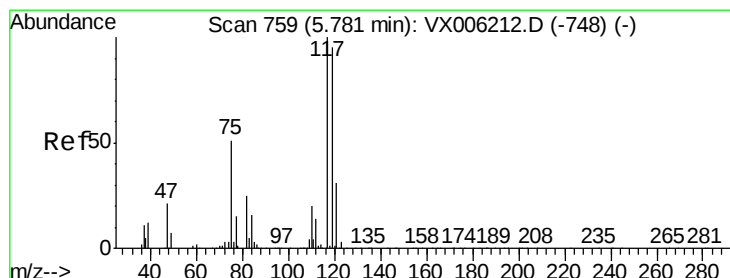
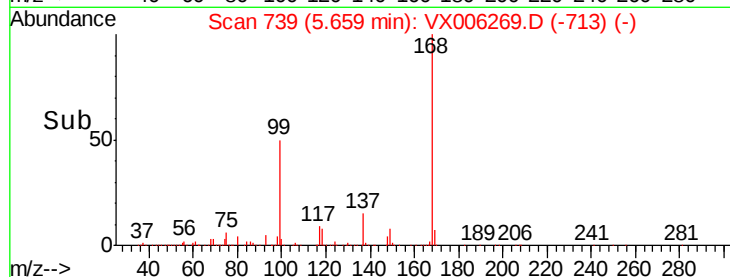
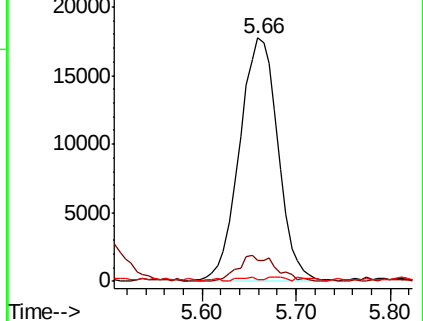
77 0.8 24.9 37.3#



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: 6.093 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006269.D

Acq: 04 Dec 2018 10:59

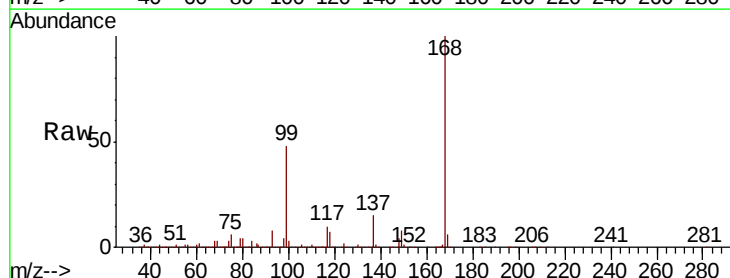
Tgt Ion: 117 Resp: 72188

Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.8#

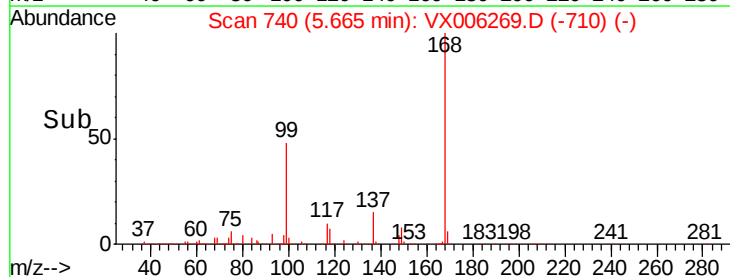
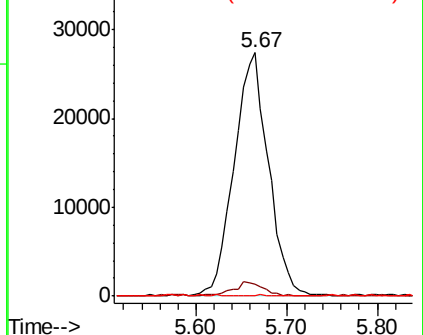
121 0.0 24.6 37.0#

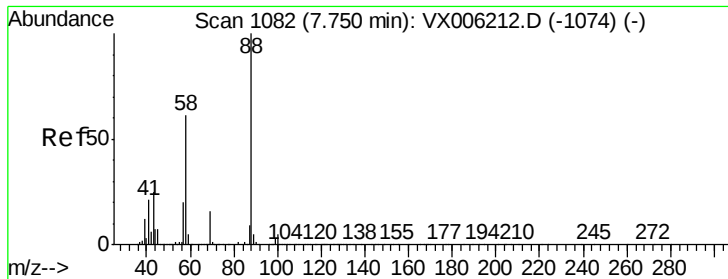


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 2.950 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006269.D

Acq: 04 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBL01

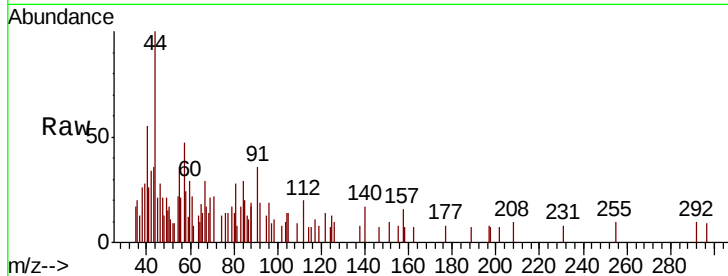
Tot Ion: 88 Resp: 665

Ion Ratio Lower Upper

88 100

43 71.3 23.2 34.8#

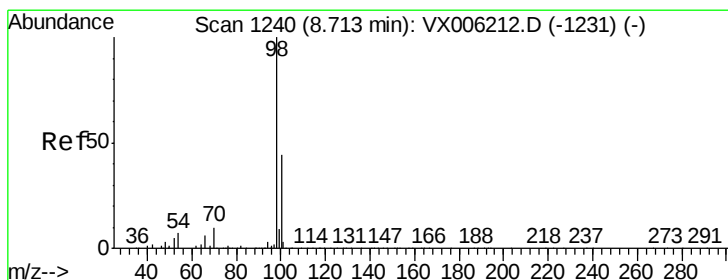
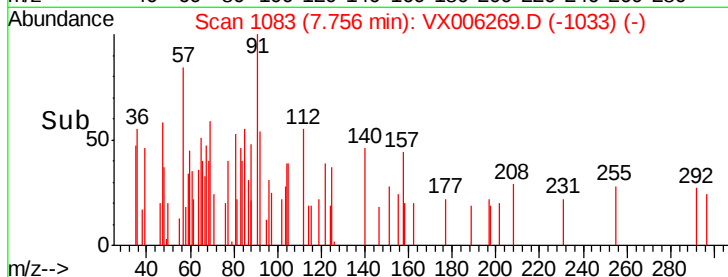
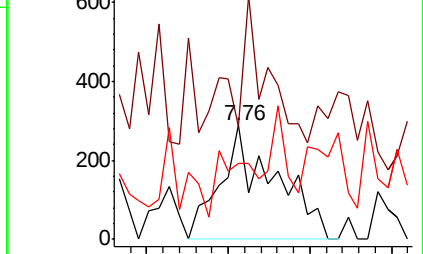
58 36.2 51.4 77.0#



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: 49.525 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006269.D

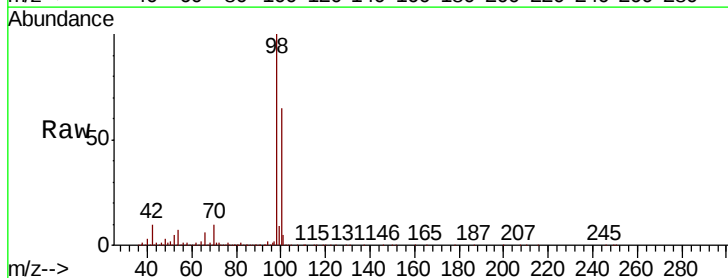
Acq: 04 Dec 2018 10:59

Tgt Ion: 98 Resp: 1394798

Ion Ratio Lower Upper

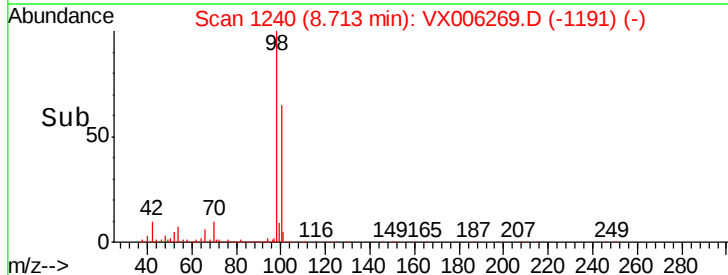
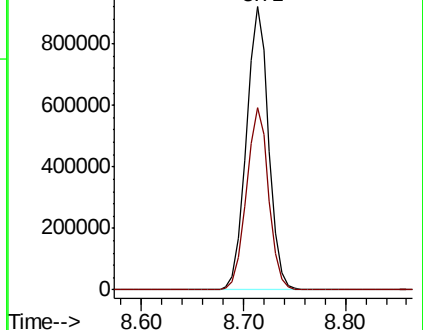
98 100

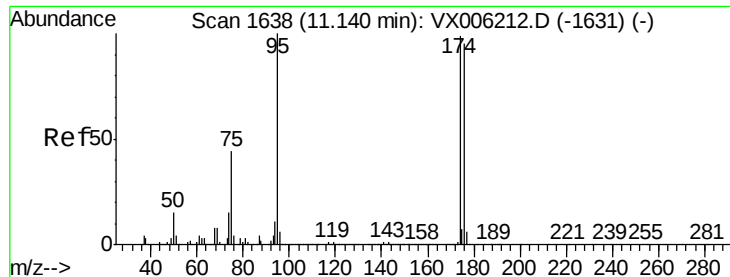
100 64.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.185 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006269.D

Acq: 04 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampled :

VX1204WBL01

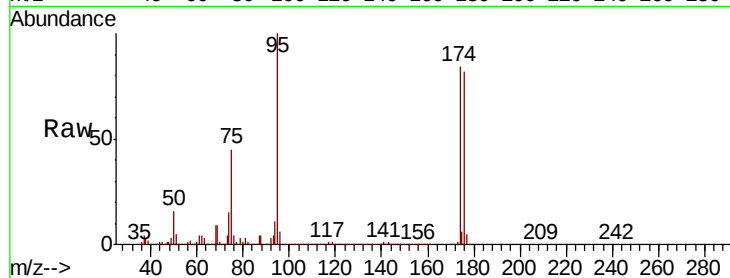
Tot Ion: 95 Resp: 511377

Ion Ratio Lower Upper

95 100

174 91.0 0.0 187.0

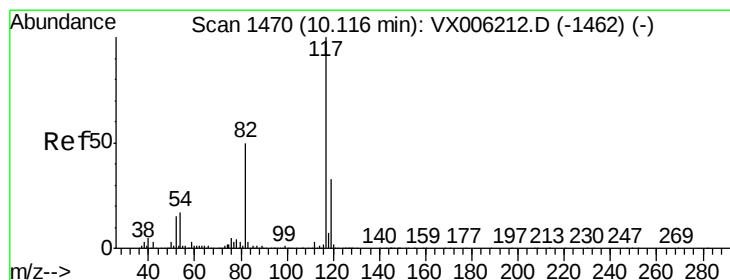
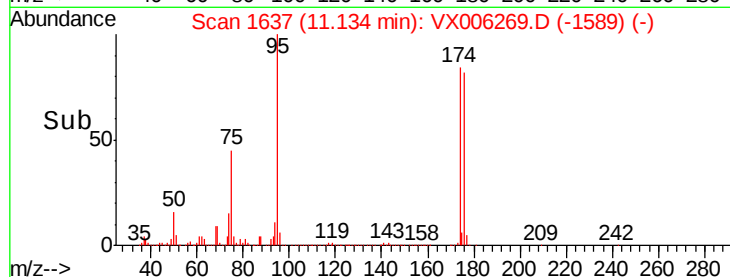
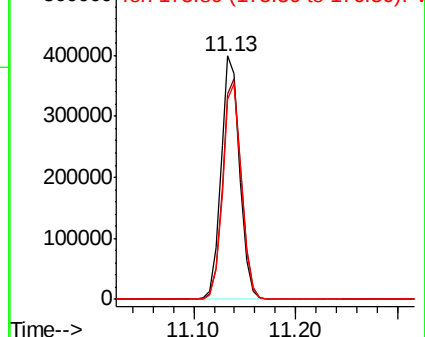
176 88.3 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX006269.D

Acq: 04 Dec 2018 10:59

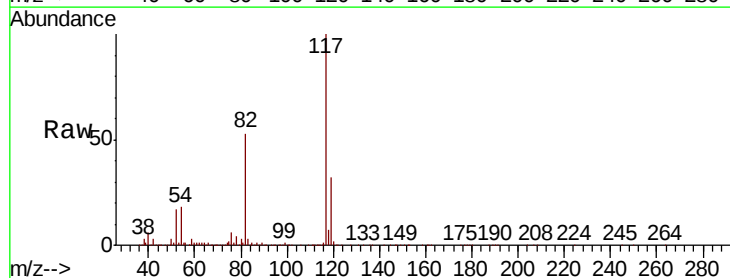
Tgt Ion: 117 Resp: 1084538

Ion Ratio Lower Upper

117 100

82 52.6 39.6 59.4

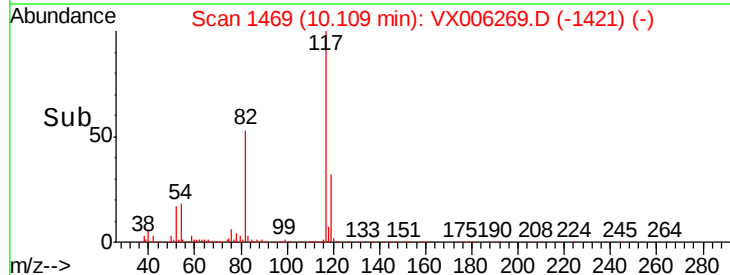
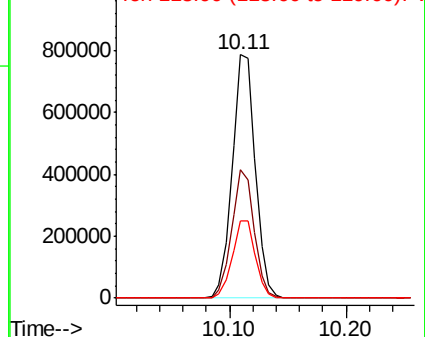
119 31.9 26.3 39.5

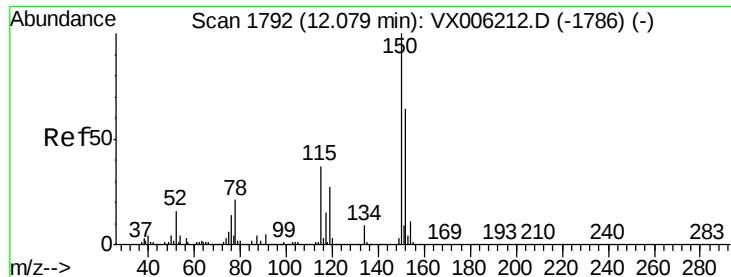


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0



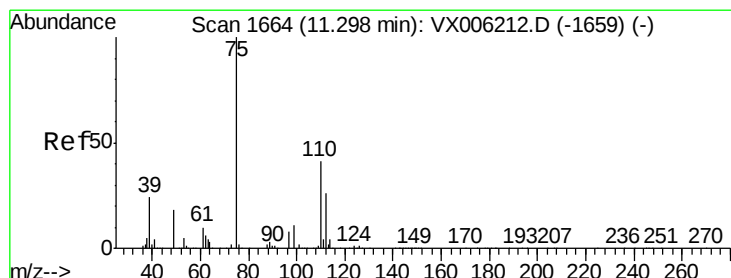
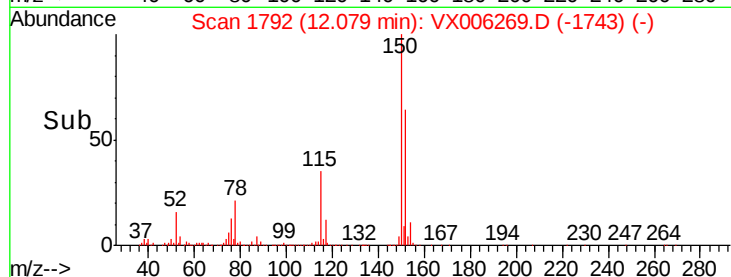
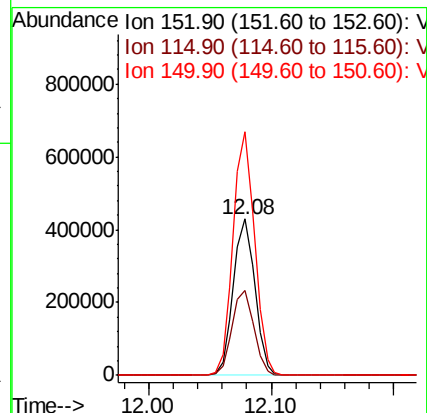
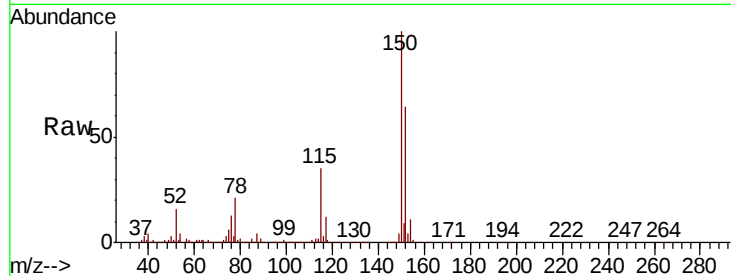


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006269.D
Acq: 04 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBL01

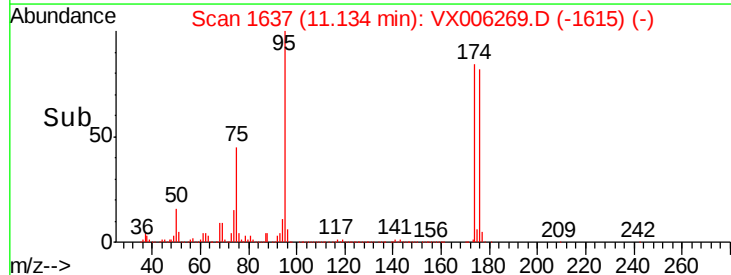
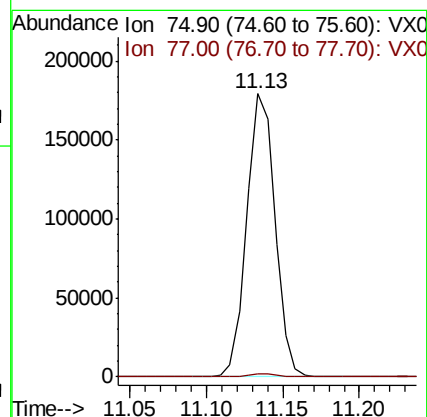
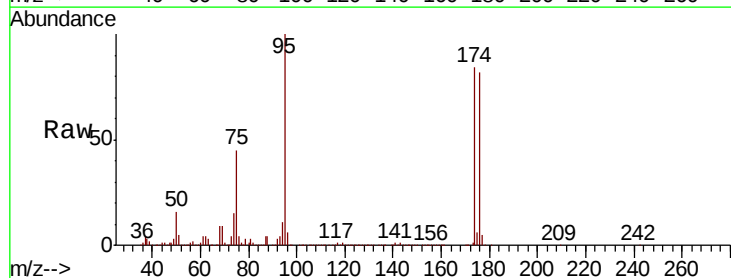
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.0	116.9
150	155.2	0.0	345.8

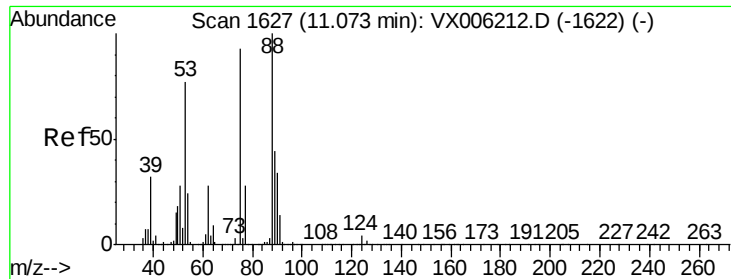


#76

1,2,3-Trichloropropane
Concen: 22.709 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006269.D
Acq: 04 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.9	59.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 53.291 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006269.D

Acq: 04 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBL01

Tot Ion: 75 Resp: 229721

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#

