

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006311.D
 Acq On : 06 Dec 2018 12:05
 Operator : JC/MD
 Sample : J6231-02ME
 Misc : 7.12g/5mL/100uL/5.0ml/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:28:07 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	703638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1059893	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	967762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	518283	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	339038	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
35) Dibromofluoromethane	5.50	113	328268	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
50) Toluene-d8	8.71	98	1226209	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.14	95	473389	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	

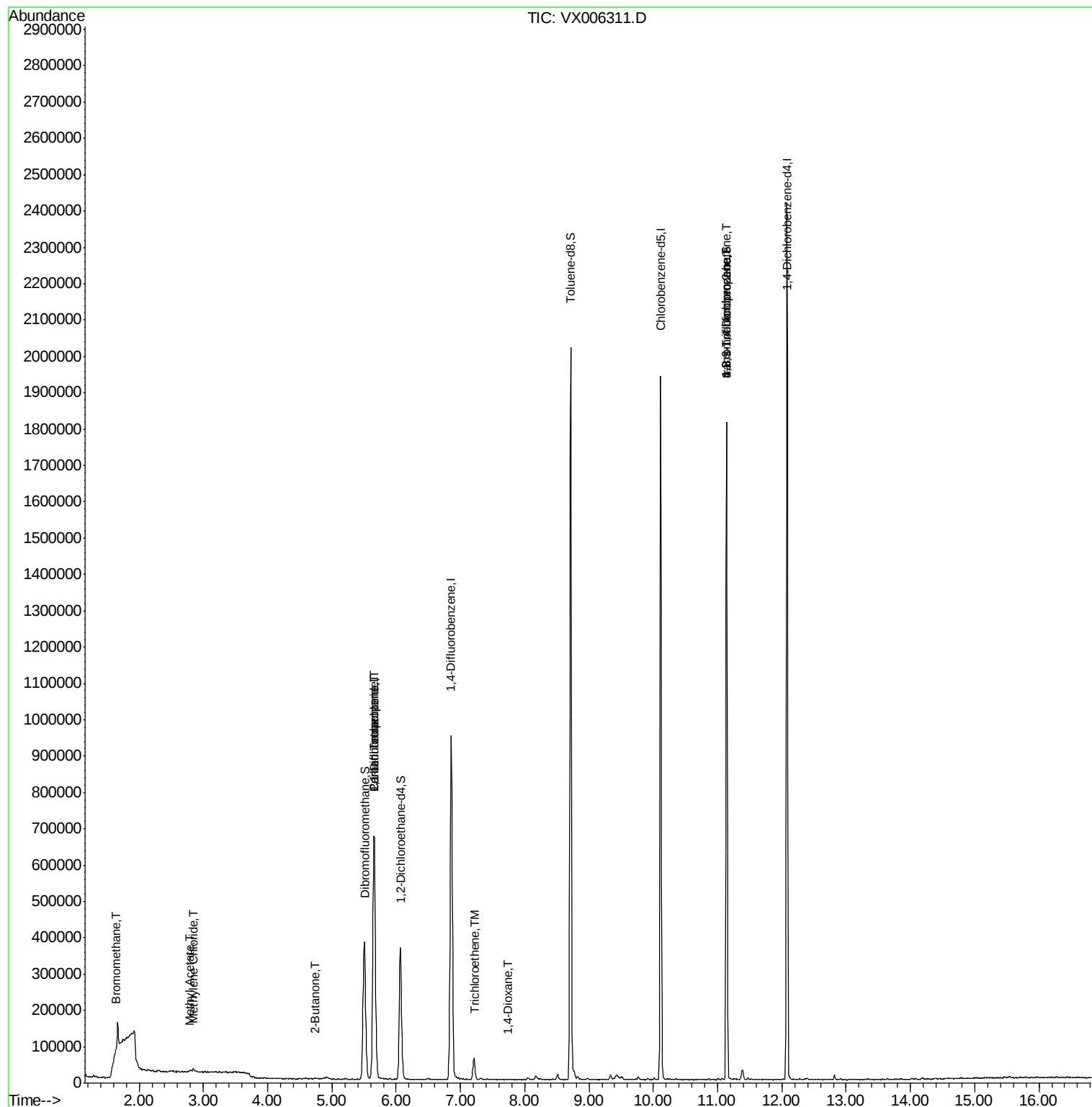
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1290	0.244	ug/l #	67
18) Methyl Acetate	2.80	43	4687	0.416	ug/l #	87
20) Methylene Chloride	2.84	84	4813	0.671	ug/l #	86
25) 2-Butanone	4.73	43	3124	0.650	ug/l #	82
36) 1,1-Dichloropropene	5.66	75	44103	4.941	ug/l #	48
38) Carbon Tetrachloride	5.66	117	61824	5.888	ug/l #	16
44) Trichloroethene	7.21	130	25401	3.137	ug/l	96
49) 1,4-Dioxane	7.74	88	103	0.515	ug/l #	27
76) 1,2,3-Trichloropropane	11.14	75	217637	21.756	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	217637	51.054	ug/l #	15

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

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 07 04:28:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



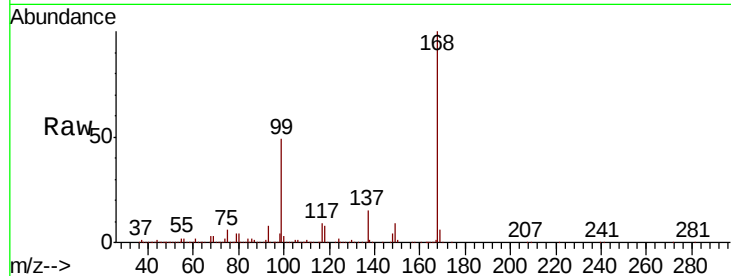


#1

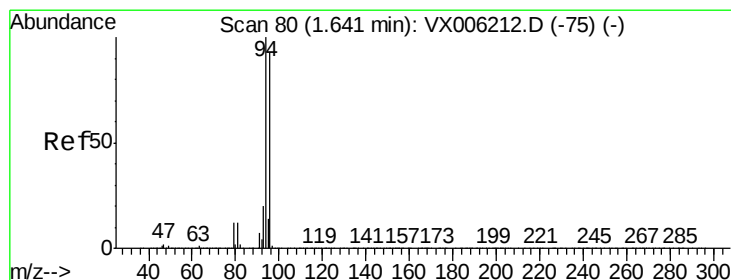
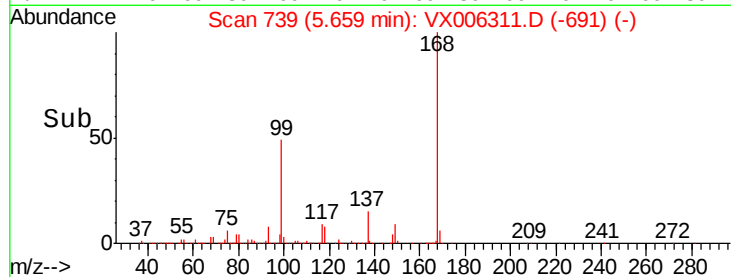
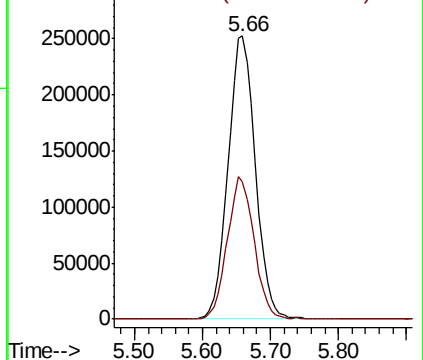
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX006311.D
 Acq: 06 Dec 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:168 Resp: 703638
 Ion Ratio Lower Upper
 168 100
 99 48.7 37.8 56.8



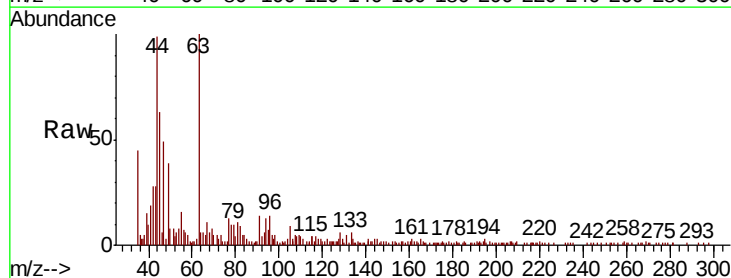
Abundance Ion 167.90 (167.60 to 168.60): VX006311.D (-691) (-)
 Ion 98.90 (98.60 to 99.60): VX006311.D (-691) (-)



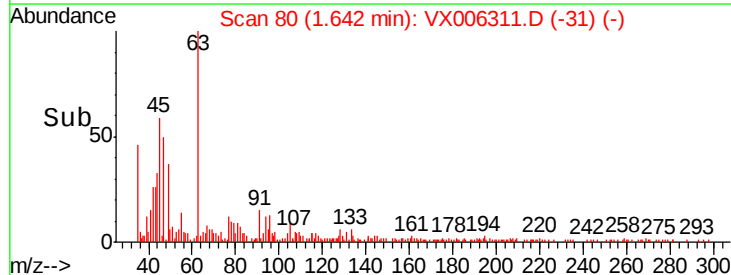
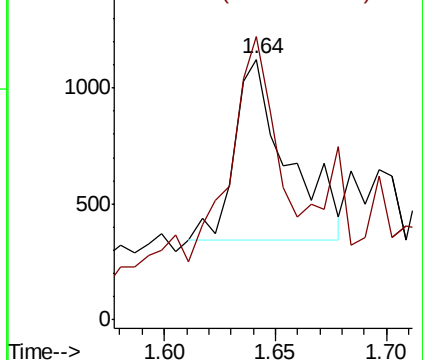
#5

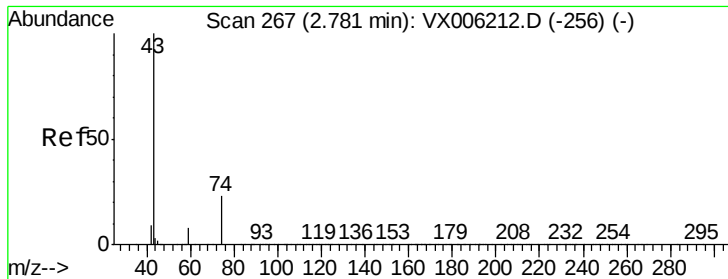
Bromomethane
 Concen: 0.244 ug/l
 RT: 1.64 min Scan# 80
 Delta R.T. 0.00 min
 Lab File: VX006311.D
 Acq: 06 Dec 2018 12:05

Tgt Ion: 94 Resp: 1290
 Ion Ratio Lower Upper
 94 100
 96 124.8 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX006311.D (-31) (-)
 Ion 95.90 (95.60 to 96.60): VX006311.D (-31) (-)

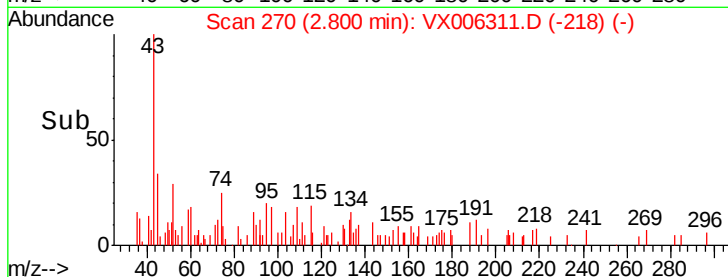
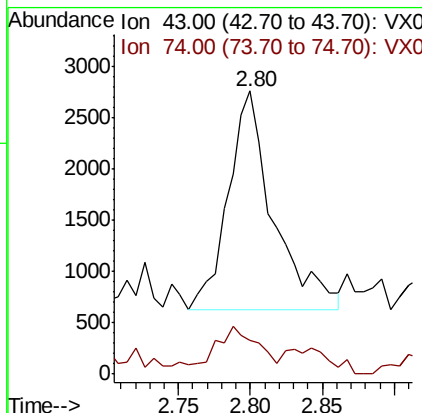
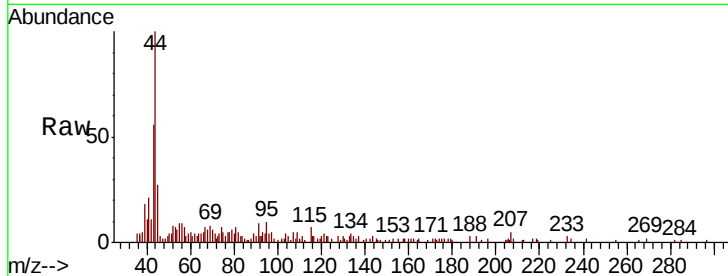




#18
Methyl Acetate
Concen: 0.416 ug/l
RT: 2.80 min Scan# 270
Delta R.T. 0.02 min
Lab File: VX006311.D
Acq: 06 Dec 2018 12:05

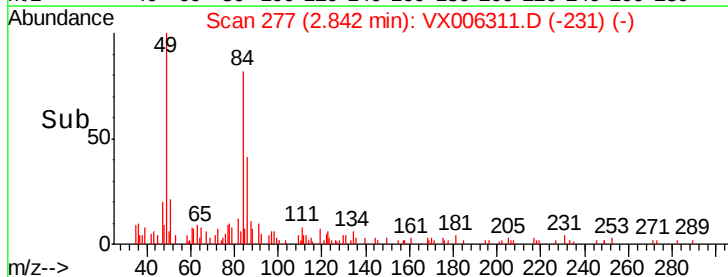
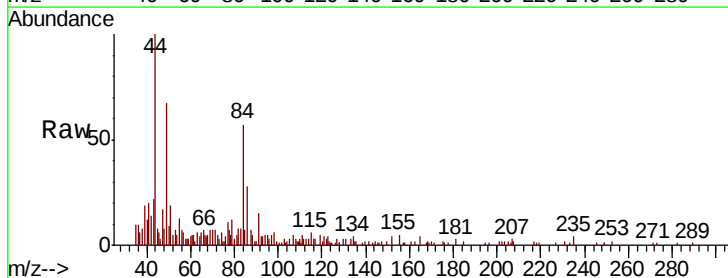
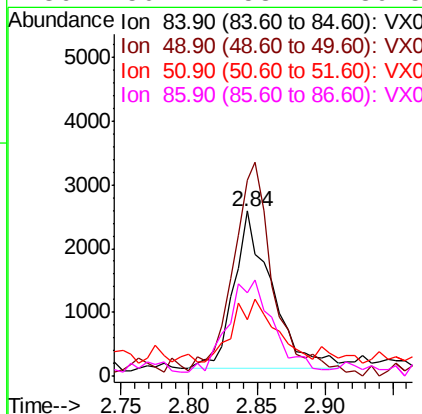
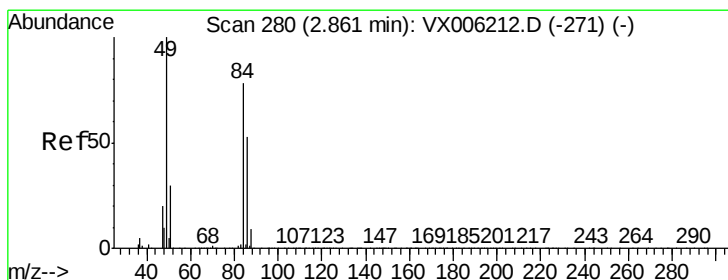
Instrument :
MSVOA_X
ClientSampleId :

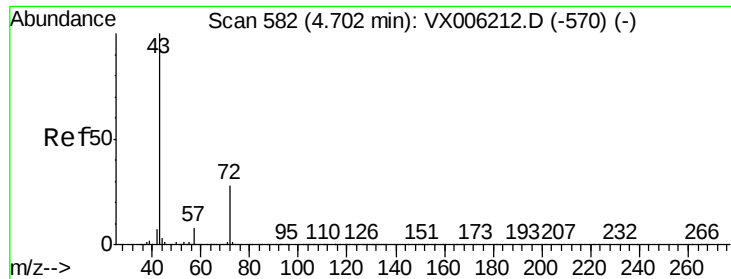
Tot Ion: 43 Resp: 4687
Ion Ratio Lower Upper
43 100
74 16.3 17.9 26.9#



#20
Methylene Chloride
Concen: 0.671 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX006311.D
Acq: 06 Dec 2018 12:05

Tgt Ion: 84 Resp: 4813
Ion Ratio Lower Upper
84 100
49 118.9 102.2 153.4
51 24.6 31.1 46.7#
86 50.2 53.7 80.5#

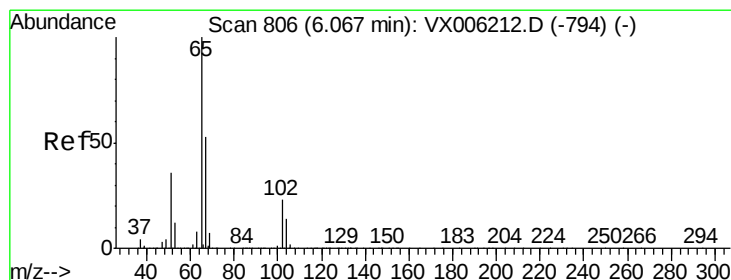
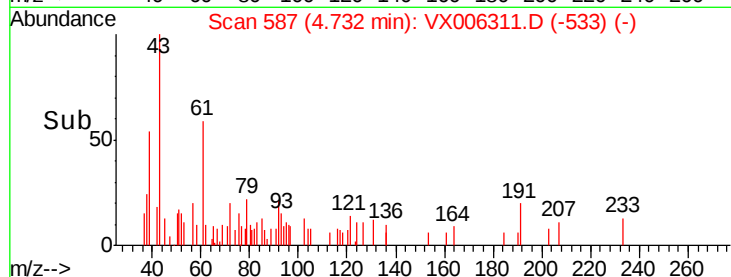
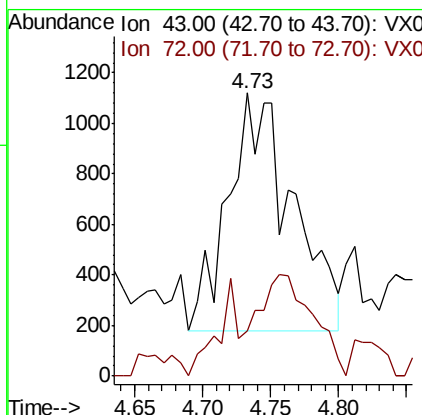
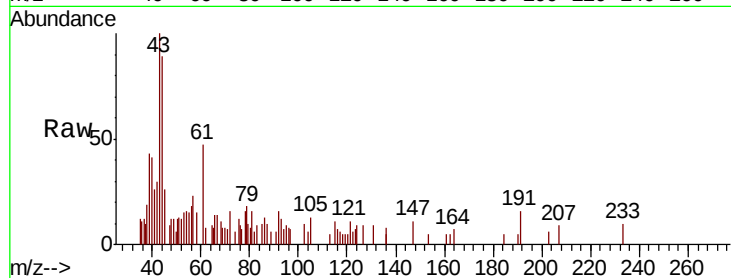




#25
2-Butanone
Concen: 0.650 ug/l
RT: 4.73 min Scan# 587
Delta R.T. 0.03 min
Lab File: VX006311.D
Acq: 06 Dec 2018 12:05

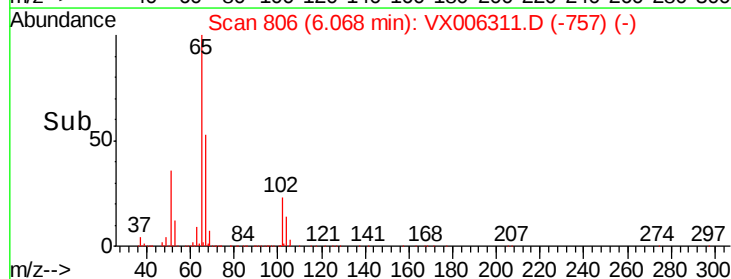
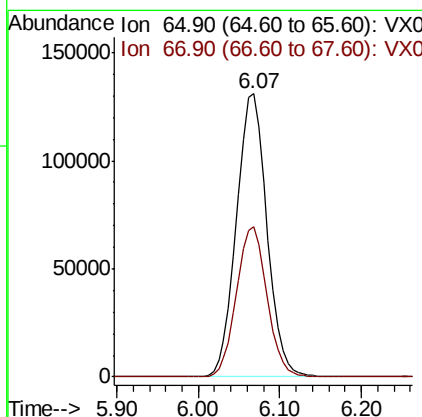
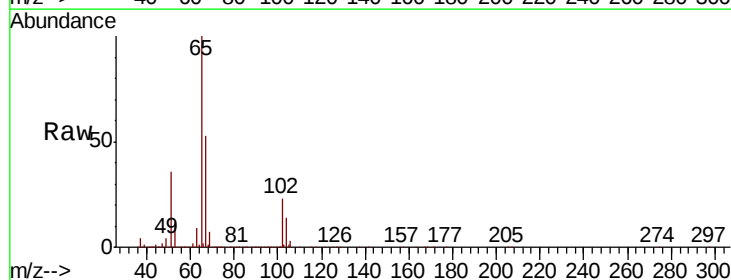
Instrument :
MSVOA_X
ClientSampled :

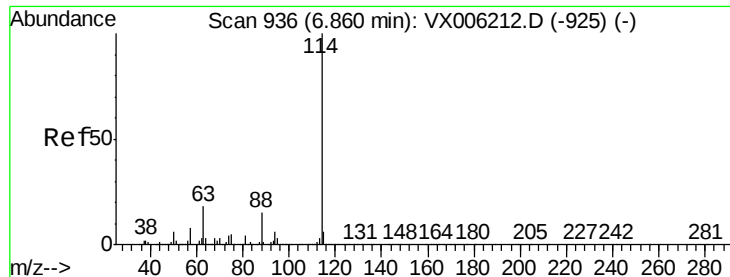
Tot Ion: 43 Resp: 3124
Ion Ratio Lower Upper
43 100
72 18.9 22.6 33.8#



#33
1,2-Dichloroethane-d4
Concen: 47.200 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006311.D
Acq: 06 Dec 2018 12:05

Tgt Ion: 65 Resp: 339038
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX006311.D

Acq: 06 Dec 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

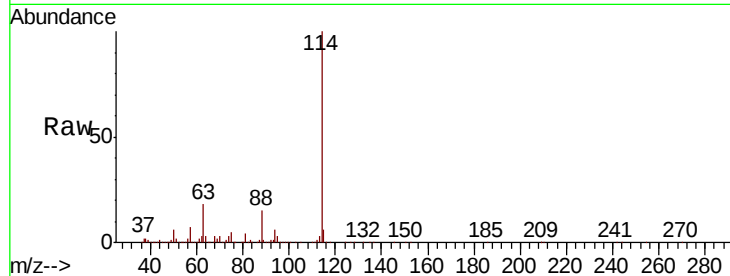
Tot Ion:114 Resp: 1059893

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.6

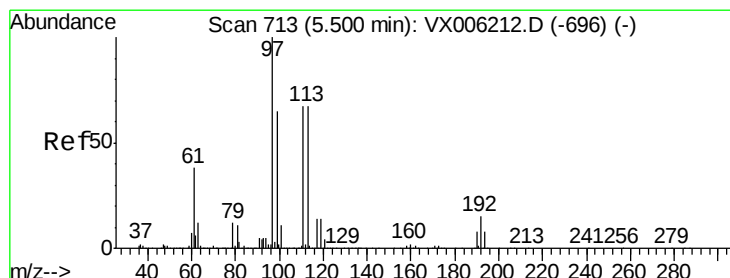
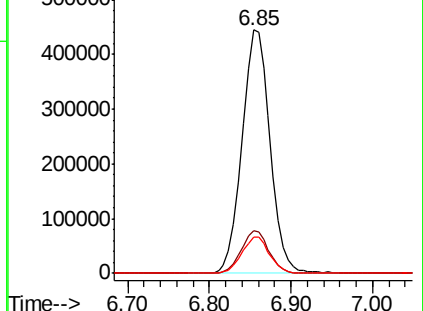
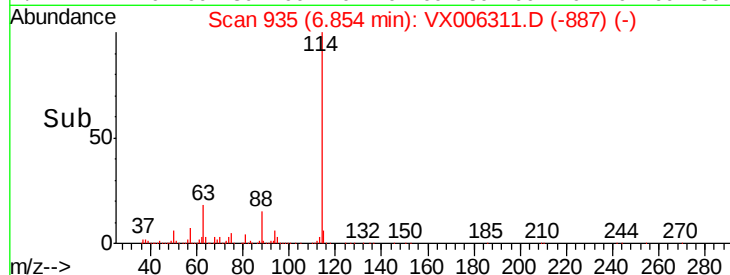
88 14.9 0.0 29.0



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



#35

Dibromofluoromethane

Concen: 47.836 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006311.D

Acq: 06 Dec 2018 12:05

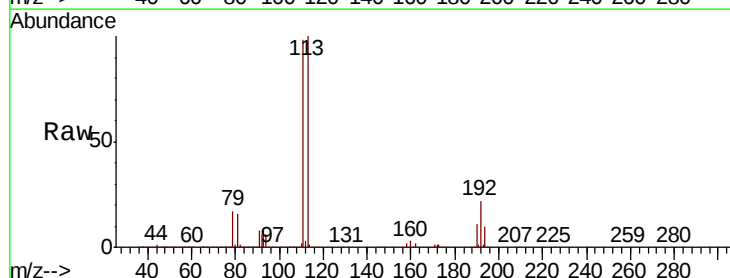
Tgt Ion:113 Resp: 328268

Ion Ratio Lower Upper

113 100

111 100.7 81.1 121.7

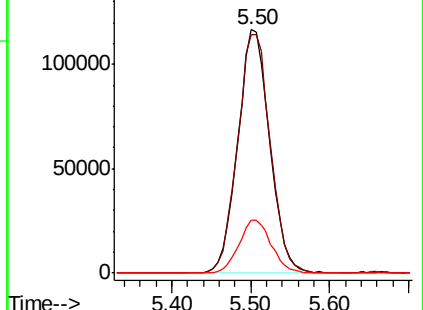
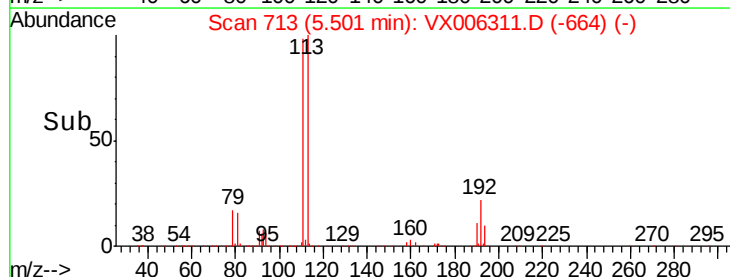
192 22.1 18.2 27.2

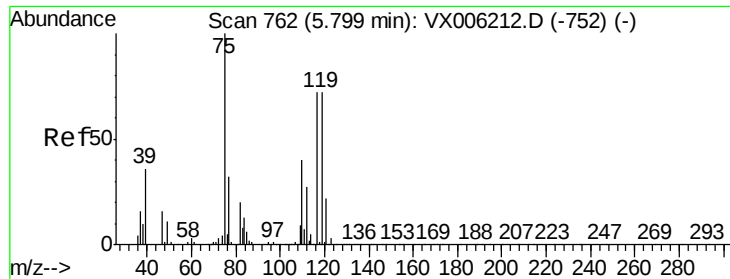


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.941 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006311.D

Acq: 06 Dec 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

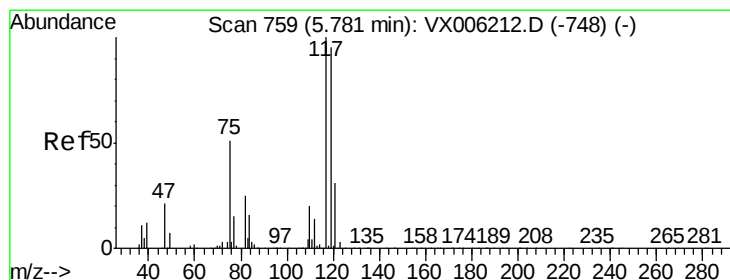
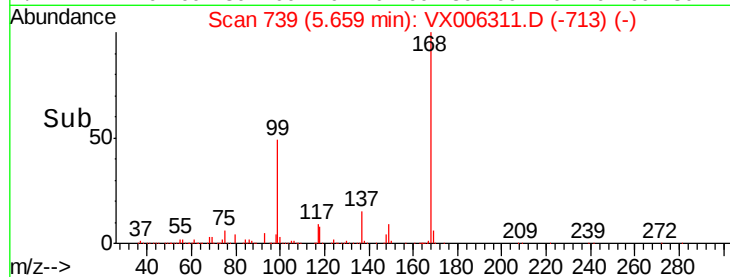
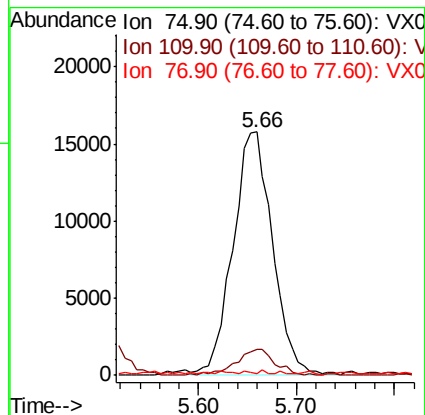
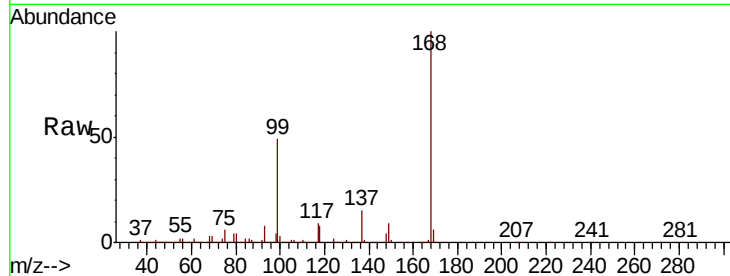
Tot Ion: 75 Resp: 44103

Ion Ratio Lower Upper

75 100

110 10.8 20.4 61.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.888 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006311.D

Acq: 06 Dec 2018 12:05

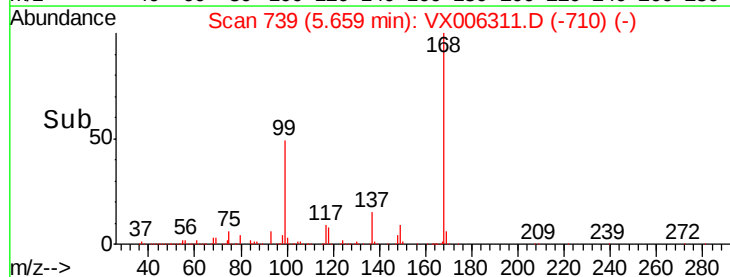
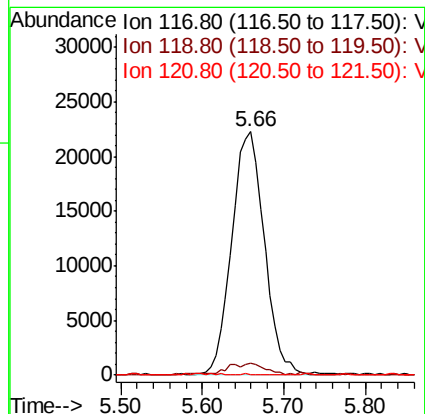
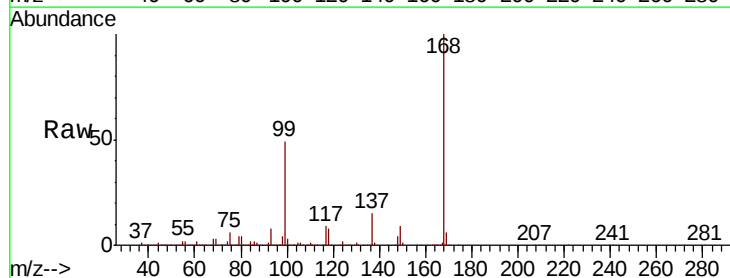
Tgt Ion: 117 Resp: 61824

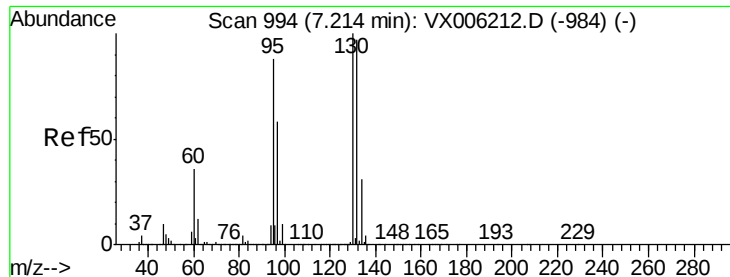
Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.8#

121 0.0 24.6 37.0#





#44

Trichloroethene

Concen: 3.137 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006311.D

Acq: 06 Dec 2018 12:05

Instrument :

MSVOA_X

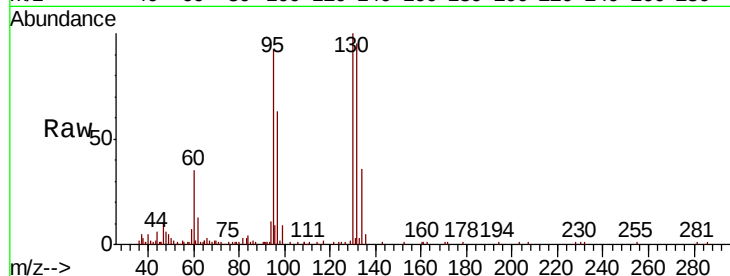
ClientSampleId :

Tot Ion:130 Resp: 25401

Ion Ratio Lower Upper

130 100

95 91.9 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

12000

10000

8000

6000

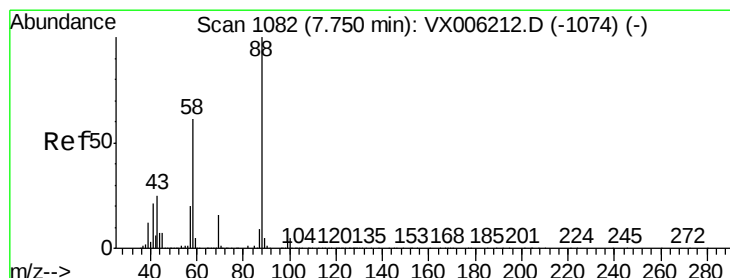
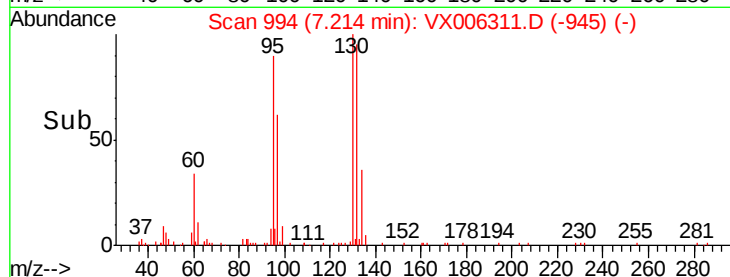
4000

2000

0

7.10 7.20 7.30

Time-->



#49

1,4-Dioxane

Concen: 0.515 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX006311.D

Acq: 06 Dec 2018 12:05

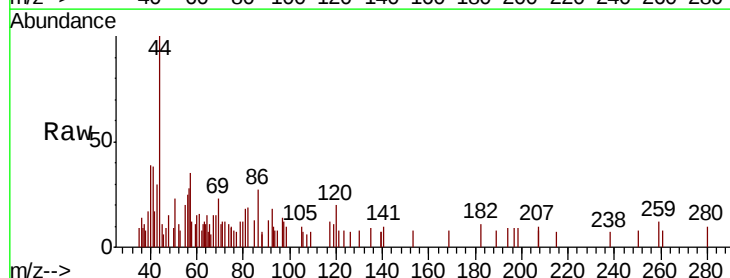
Tgt Ion: 88 Resp: 103

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

58 0.0 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

600

500

400

300

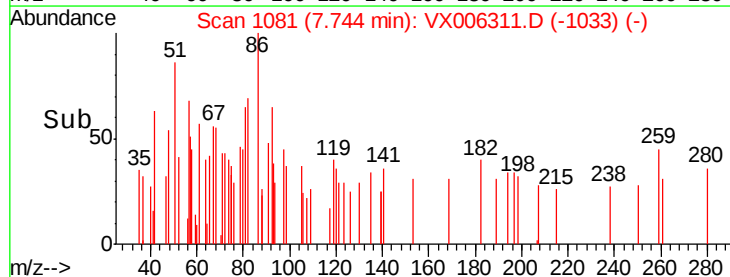
200

100

0

7.72 7.74 7.76

Time-->

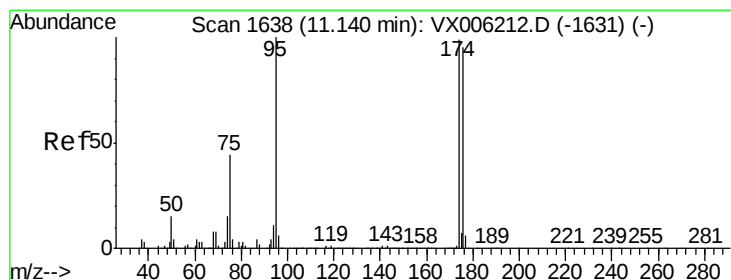
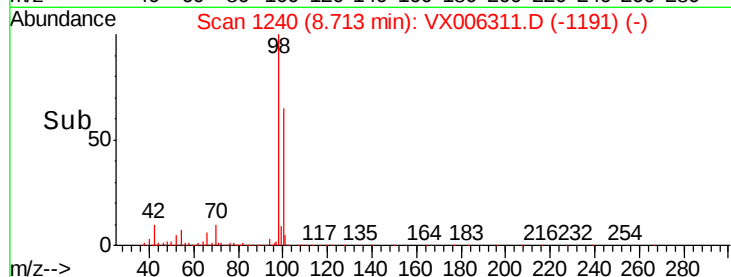
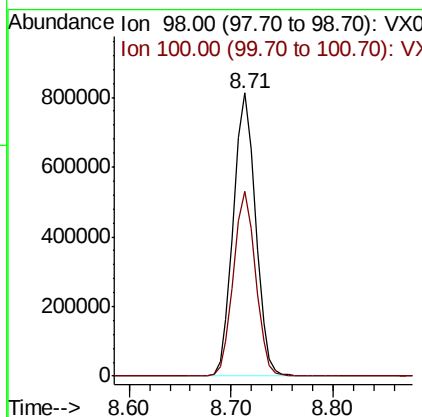
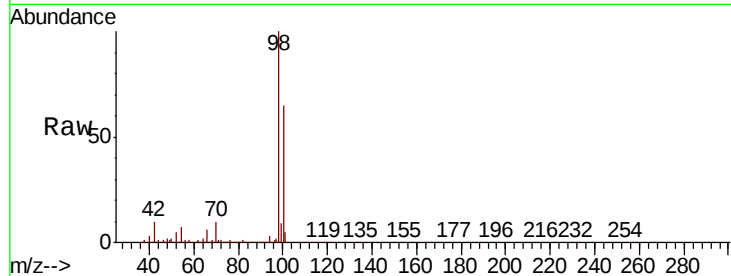




#50
Toluene-d8
Concen: 49.124 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006311.D
Acq: 06 Dec 2018 12:05

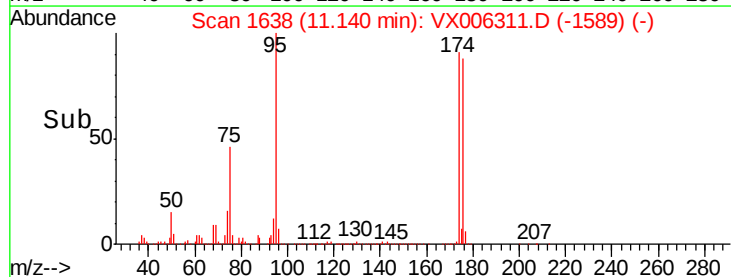
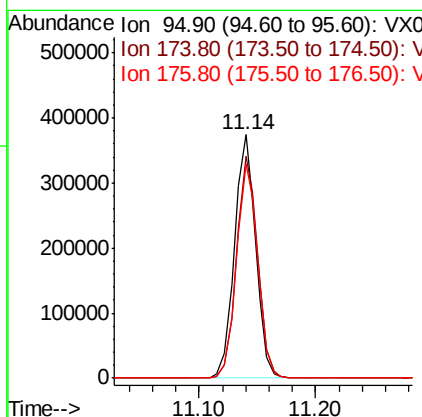
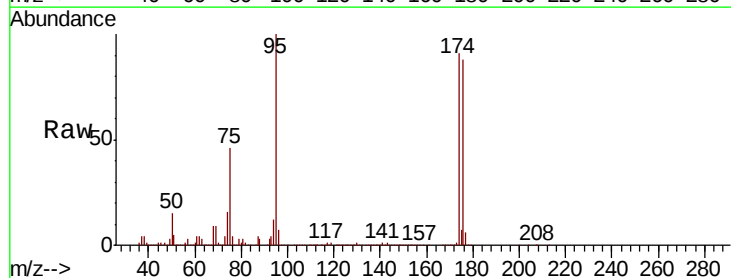
Instrument :
MSVOA_X
ClientSampleId :

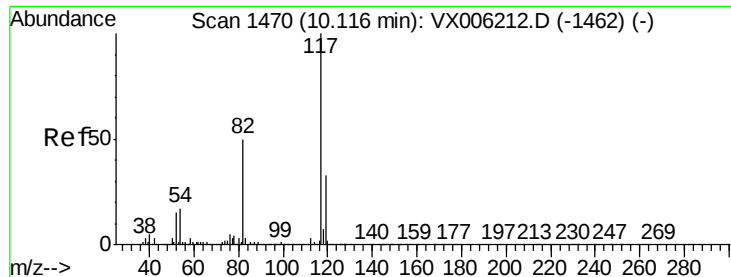
Tot Ion: 98 Resp: 1226209
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 50.327 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006311.D
Acq: 06 Dec 2018 12:05

Tgt Ion: 95 Resp: 473389
Ion Ratio Lower Upper
95 100
174 91.4 0.0 187.0
176 88.4 0.0 181.8

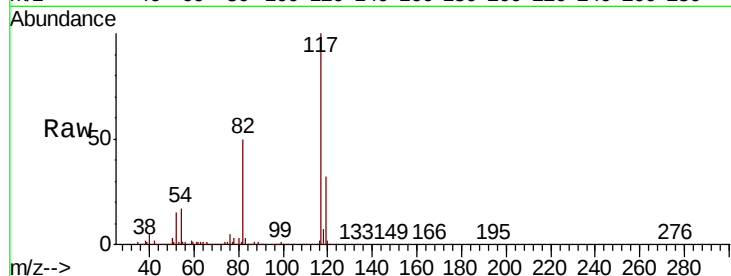




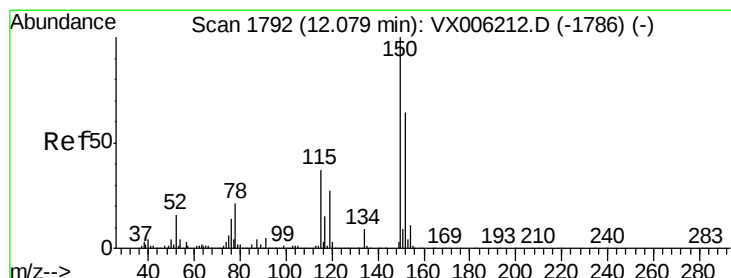
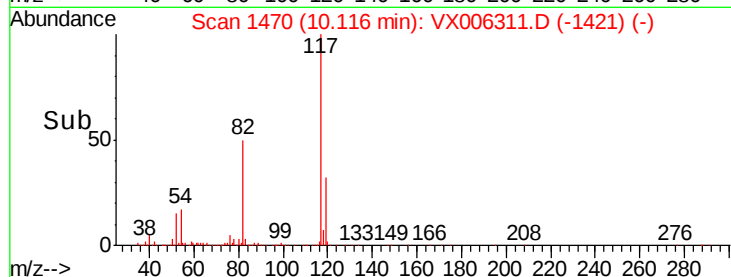
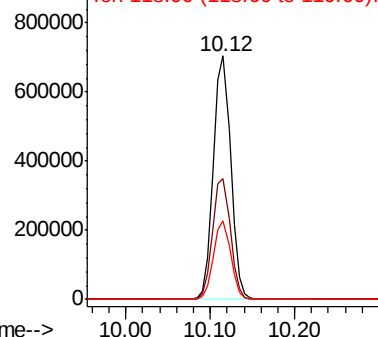
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006311.D
Acq: 06 Dec 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	39.6	59.4
119	32.4	26.3	39.5

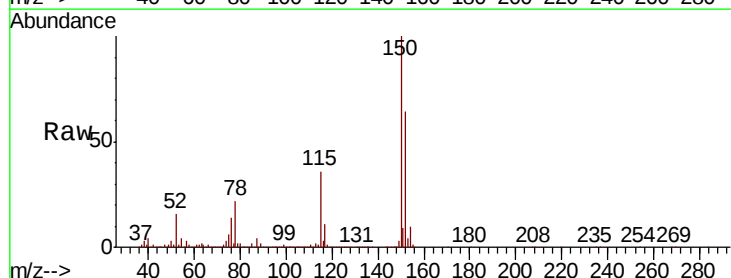


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

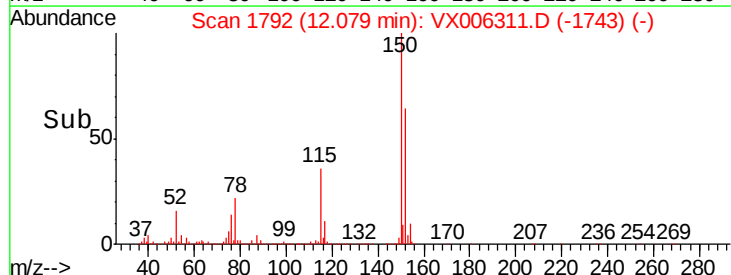
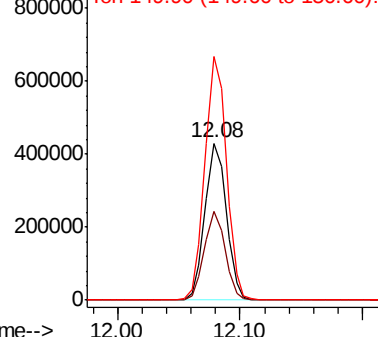


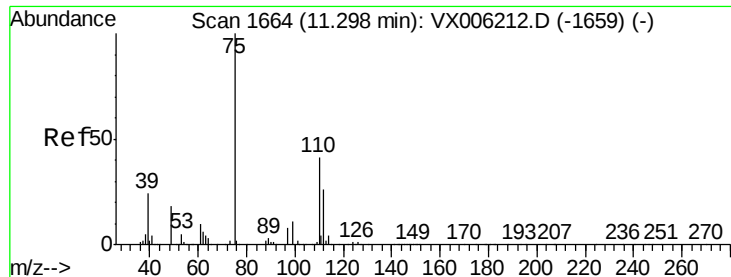
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006311.D
Acq: 06 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.0	116.9
150	155.9	0.0	345.8



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: 21.756 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006311.D

Acq: 06 Dec 2018 12:05

Instrument :

MSVOA_X

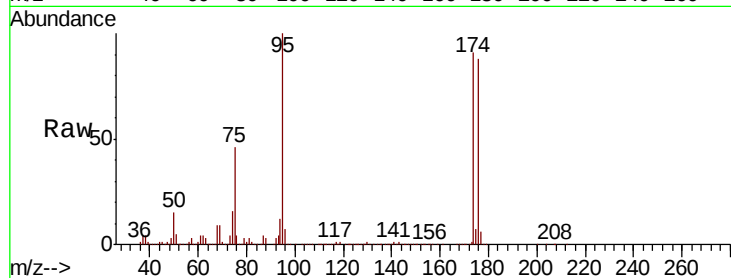
ClientSampleId :

Tot Ion: 75 Resp: 217637

Ion Ratio Lower Upper

75 100

77 1.2 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

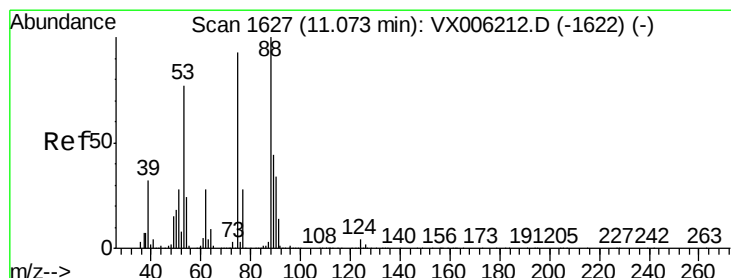
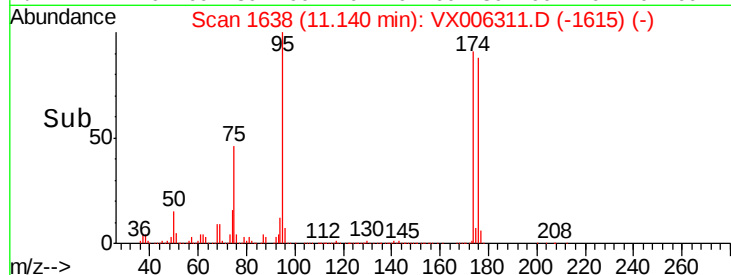
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 51.054 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006311.D

Acq: 06 Dec 2018 12:05

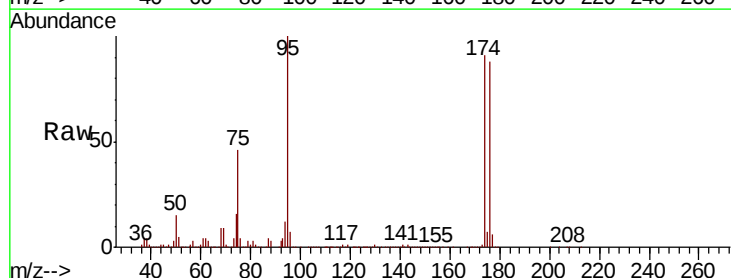
Tgt Ion: 75 Resp: 217637

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 44.2 66.4#



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

11.14

150000

100000

50000

0

Time-->

