

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
 Data File : VX006419.D
 Acq On : 11 Dec 2018 14:38
 Operator : JC/MD
 Sample : J6340-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 12 04:35:57 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	837786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1260659	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1136492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	546441	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	413555	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
35) Dibromofluoromethane	5.51	113	386397	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
50) Toluene-d8	8.71	98	1459810	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.13	95	530508	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	

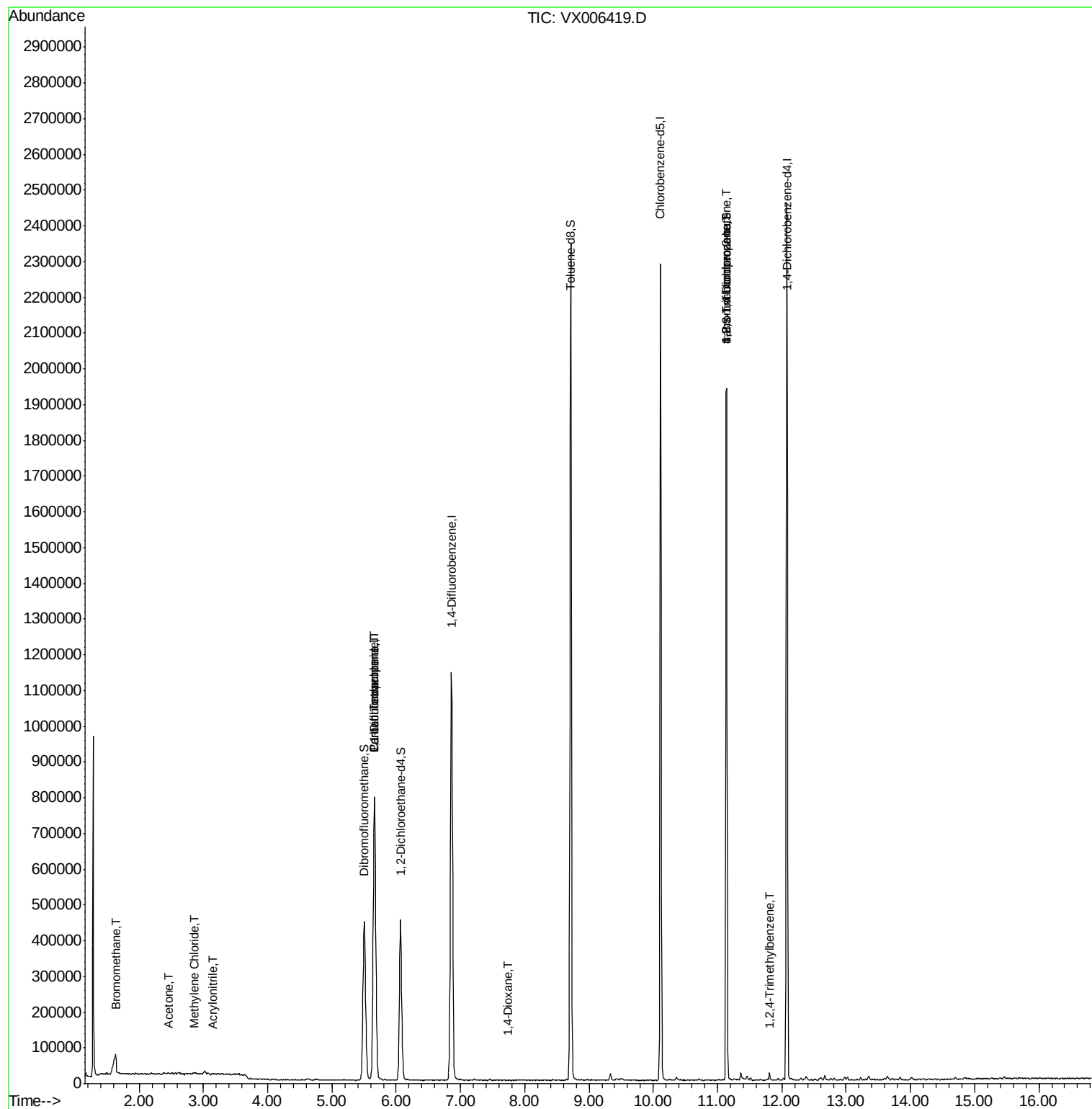
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	3275	0.521	ug/l #	80
15) Acrylonitrile	3.15	53	1216	0.249	ug/l #	61
16) Acetone	2.45	43	2849	0.710	ug/l #	78
20) Methylene Chloride	2.86	84	2357	0.276	ug/l #	76
36) 1,1-Dichloropropene	5.66	75	50824	4.787	ug/l #	49
38) Carbon Tetrachloride	5.66	117	73934	5.920	ug/l #	16
49) 1,4-Dioxane	7.74	88	163	0.686	ug/l #	14
76) 1,2,3-Trichloropropane	11.13	75	239663	22.723	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	239663	53.324	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.81	105	10457	0.323	ug/l	99

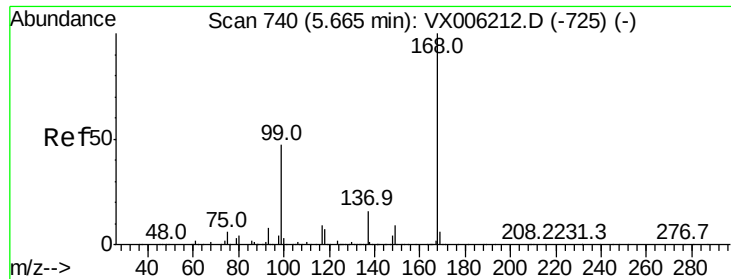
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121118\
Data File : VX006419.D
Acq On : 11 Dec 2018 14:38
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 12 04:35:57 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: VX006419.D

Acq: 11 Dec 2018 14:38

Instrument :

MSVOA_X

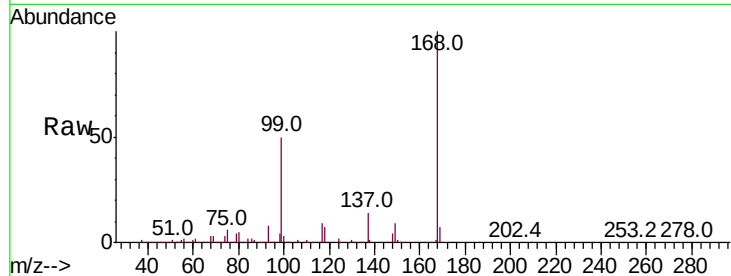
ClientSampleId :

Tot Ion:168 Resp: 837786

Ion Ratio Lower Upper

168 100

99 50.5 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

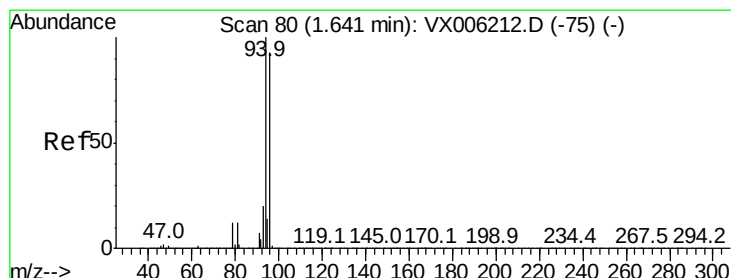
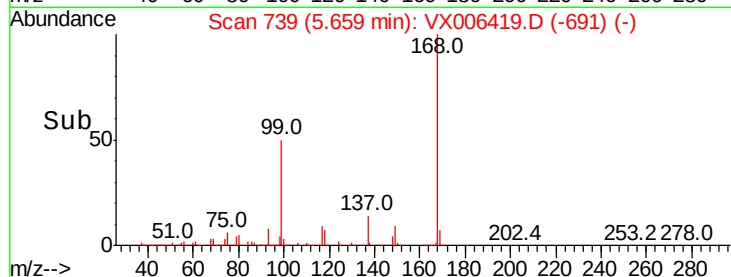
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.521 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006419.D

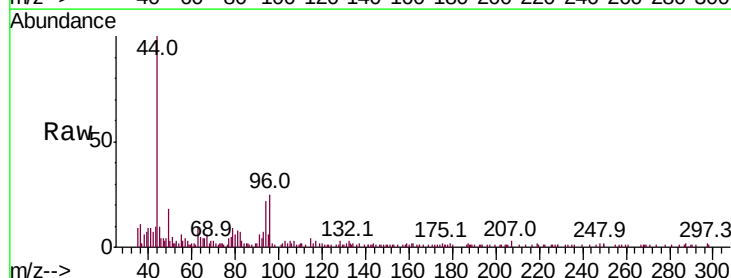
Acq: 11 Dec 2018 14:38

Tgt Ion: 94 Resp: 3275

Ion Ratio Lower Upper

94 100

96 112.5 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

3000

2500

2000

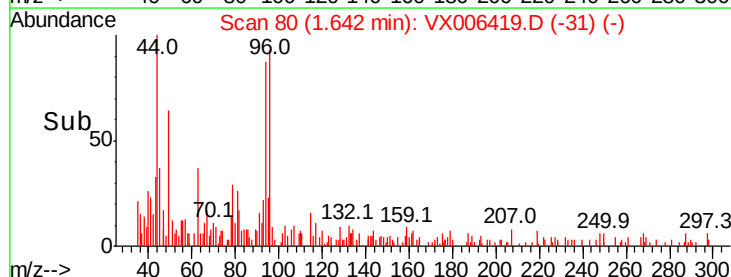
1500

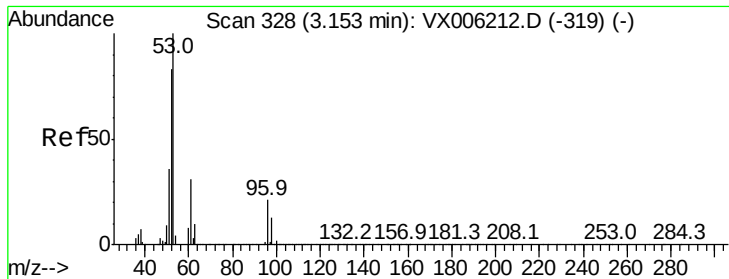
1000

500

0

Time-->





#15

Acrylonitrile

Concen: 0.249 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006419.D

Acq: 11 Dec 2018 14:38

Instrument :

MSVOA_X

ClientSampled :

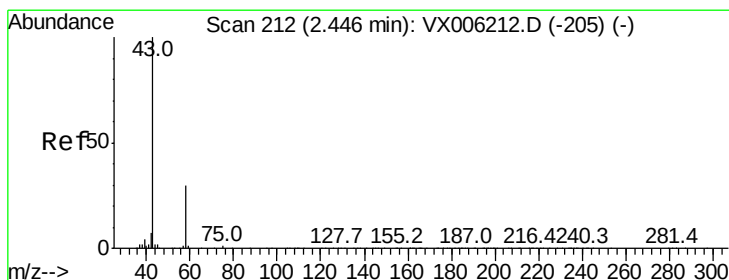
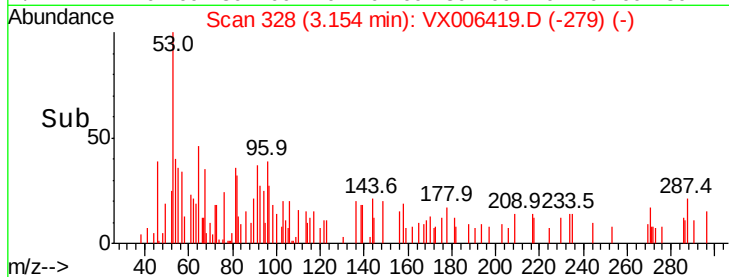
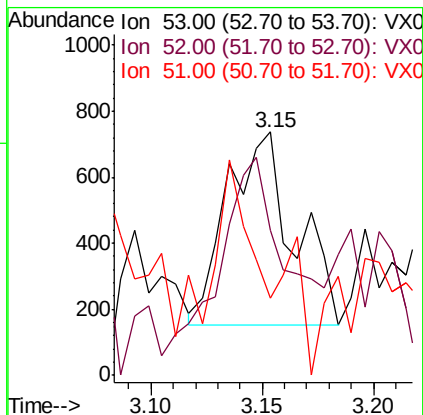
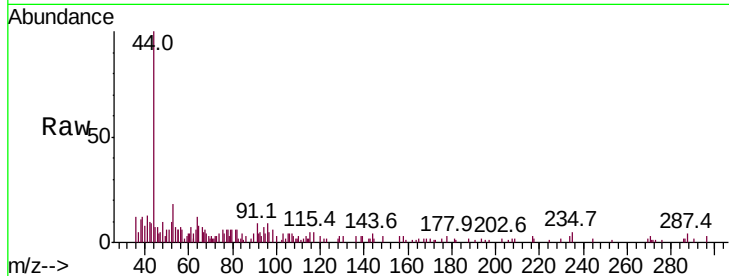
Tot Ion: 53 Resp: 1216

Ion Ratio Lower Upper

53 100

52 101.5 66.2 99.4#

51 82.7 28.7 43.1#



#16

Acetone

Concen: 0.710 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006419.D

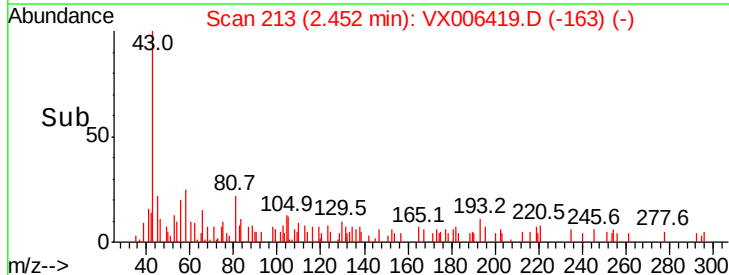
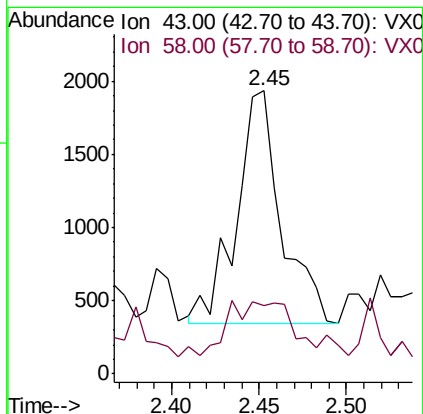
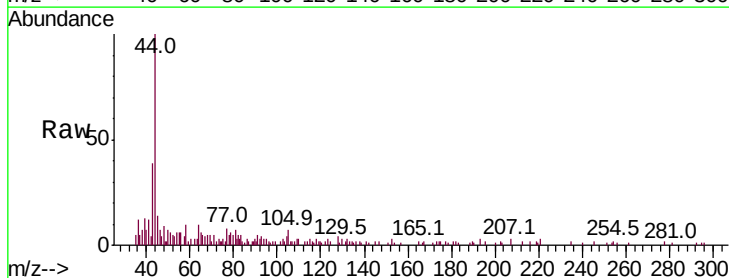
Acq: 11 Dec 2018 14:38

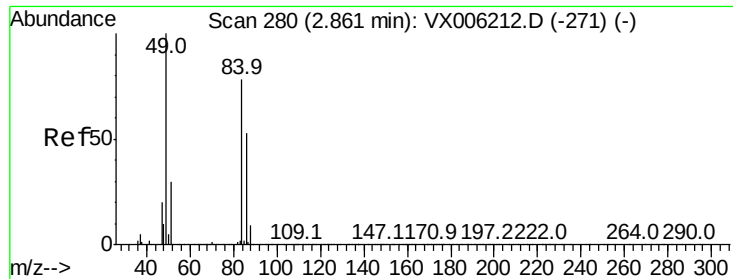
Tgt Ion: 43 Resp: 2849

Ion Ratio Lower Upper

43 100

58 18.0 24.0 36.0#

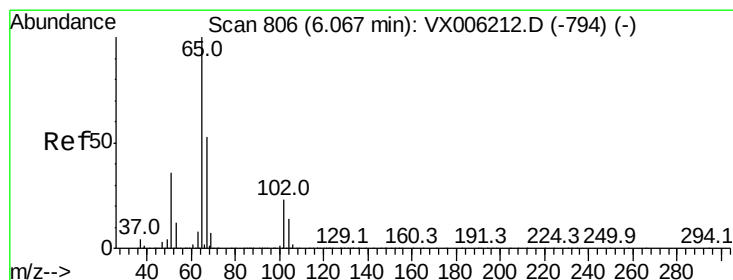
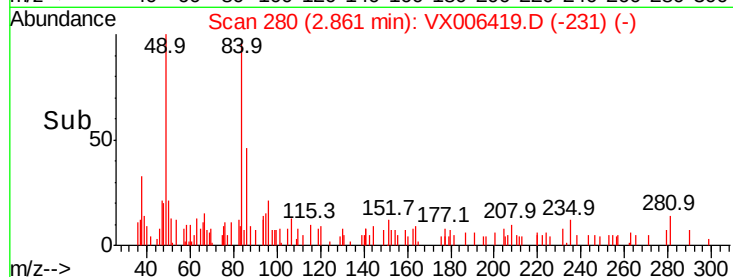
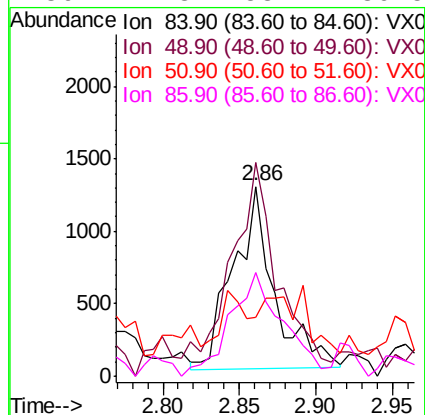
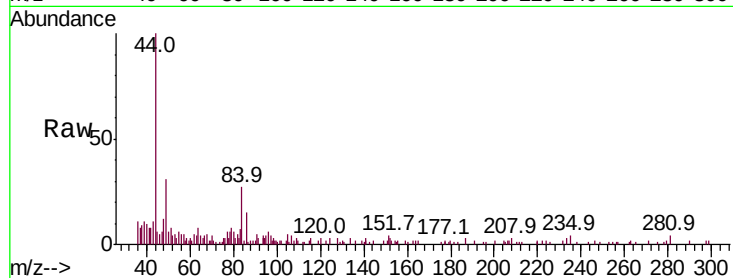




#20
Methylene Chloride
Concen: 0.276 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006419.D
Acq: 11 Dec 2018 14:38

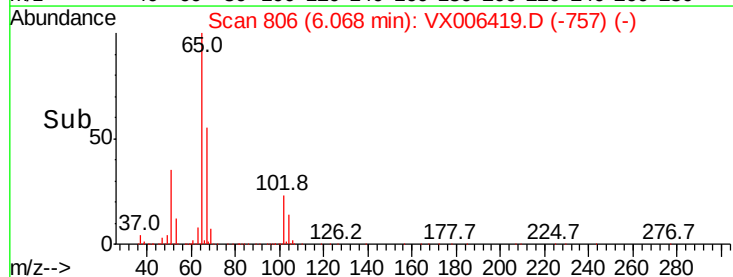
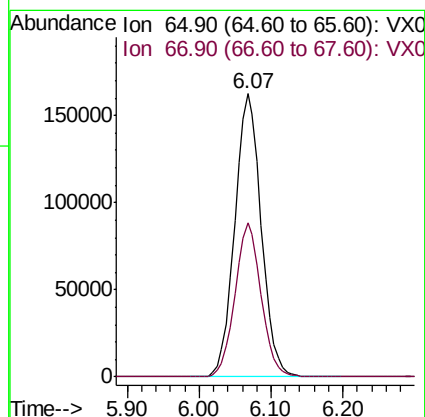
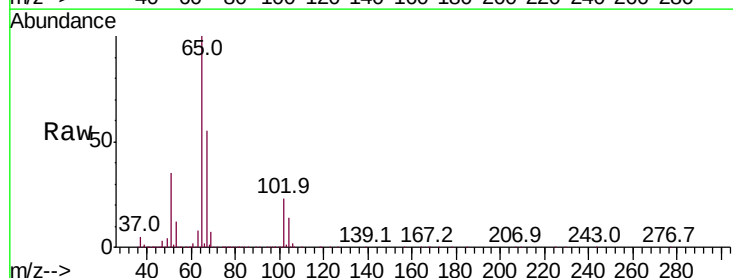
Instrument :
MSVOA_X
ClientSampleId :

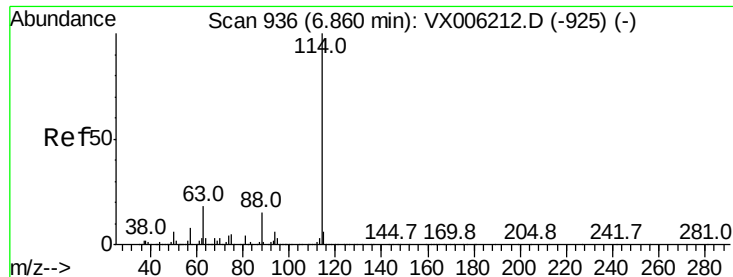
Tot Ion: 84 Resp: 2357
Ion Ratio Lower Upper
84 100
49 106.6 102.2 153.4
51 19.9 31.1 46.7#
86 41.3 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 48.355 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006419.D
Acq: 11 Dec 2018 14:38

Tgt Ion: 65 Resp: 413555
Ion Ratio Lower Upper
65 100
67 53.2 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: VX006419.D

Acq: 11 Dec 2018 14:38

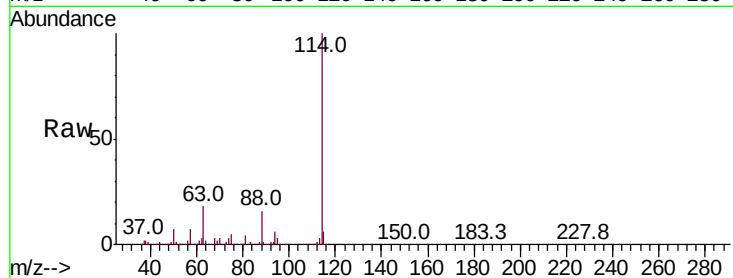
Instrument :

MSVOA_X

ClientSampled :

Tot Ion:114 Resp: 1260659

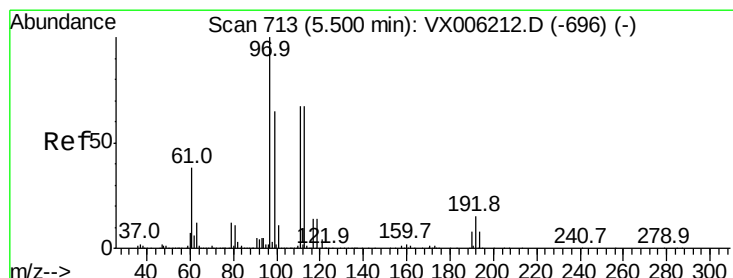
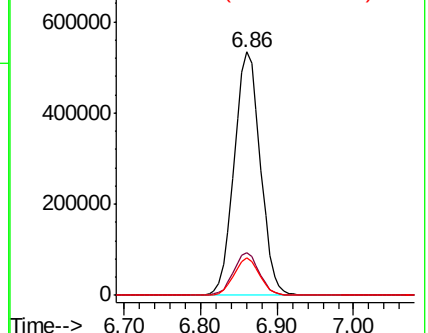
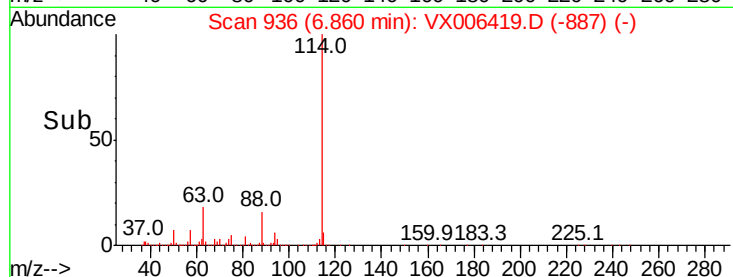
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.6
88	15.6	0.0	29.0



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: 47.339 ug/l

RT: 5.51 min Scan# 714

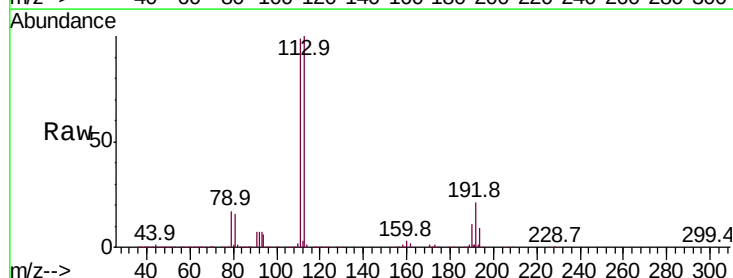
Delta R.T. 0.01 min

Lab File: VX006419.D

Acq: 11 Dec 2018 14:38

Tgt Ion:113 Resp: 386397

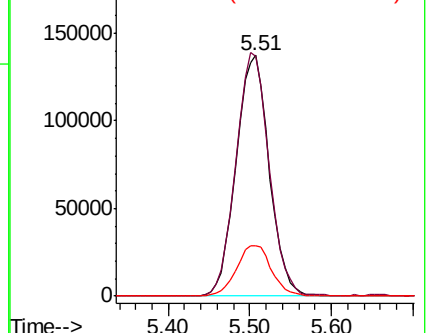
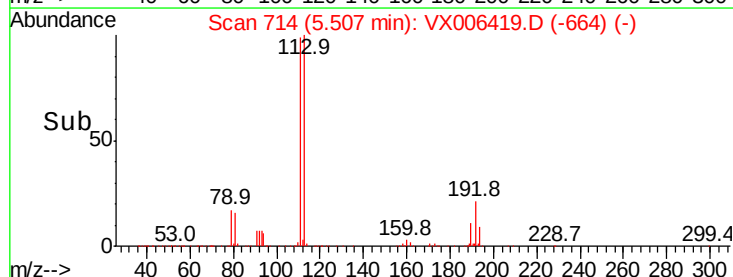
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	22.0	18.2	27.2

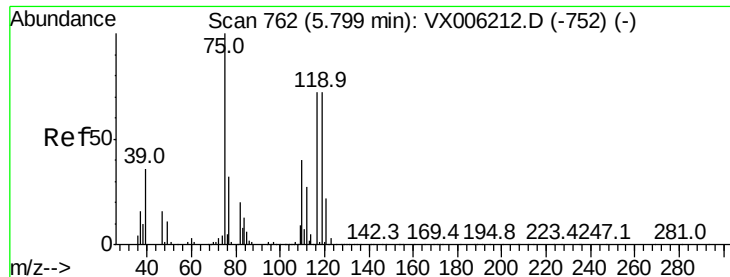


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

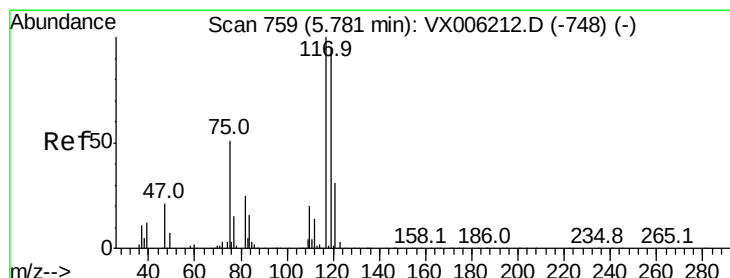
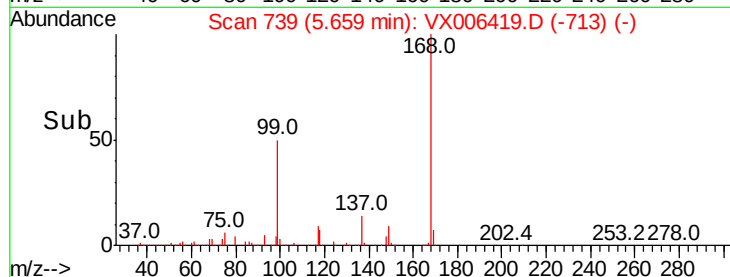
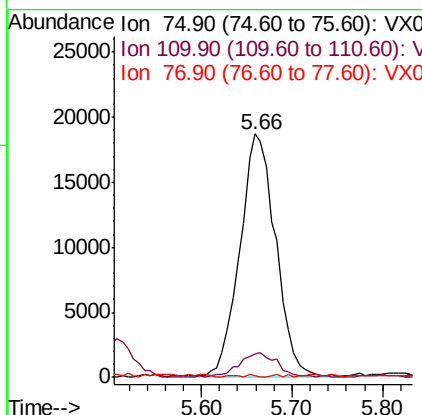
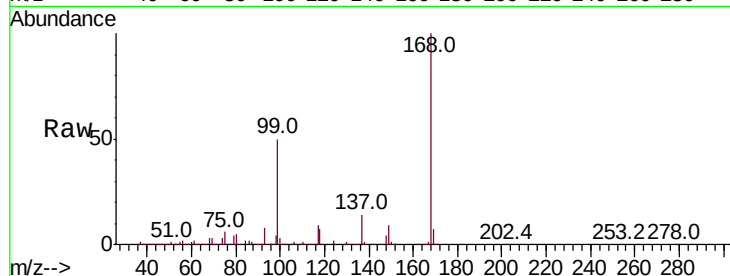




#36
 1,1-Dichloropropene
 Concen: 4.787 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006419.D
 Acq: 11 Dec 2018 14:38

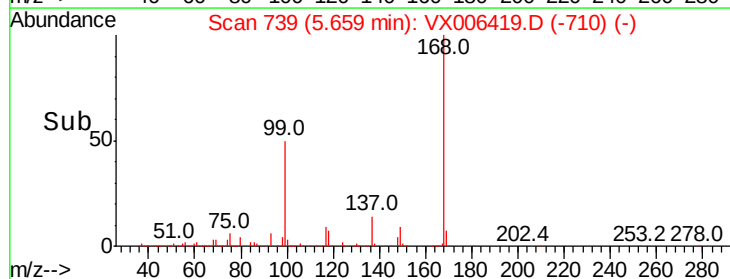
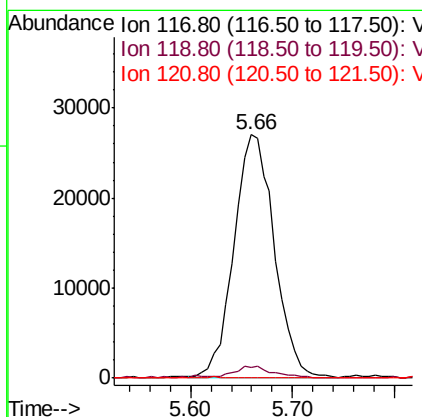
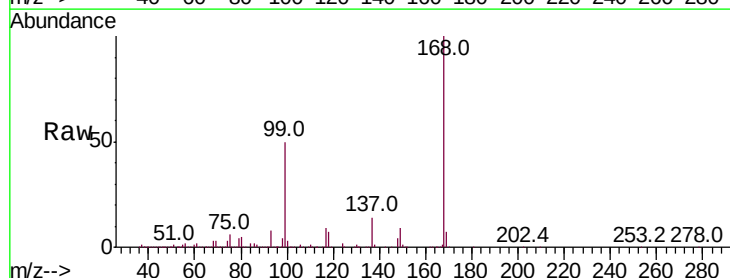
Instrument :
 MSVOA_X
 ClientSampled :

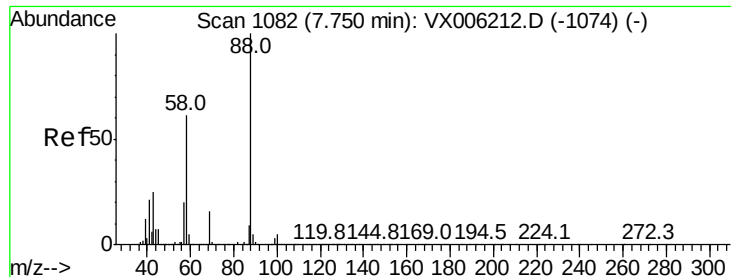
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.9	20.4	61.3#
77	0.3	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.920 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX006419.D
 Acq: 11 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.8	113.8#
121	0.0	24.6	37.0#

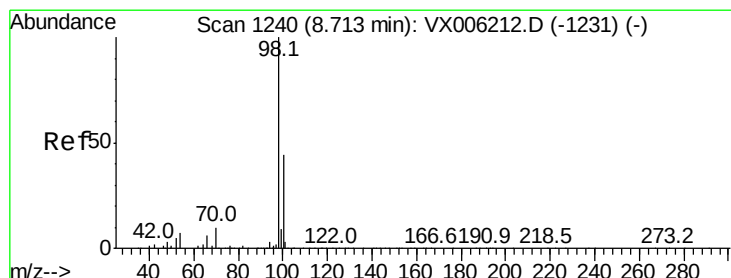
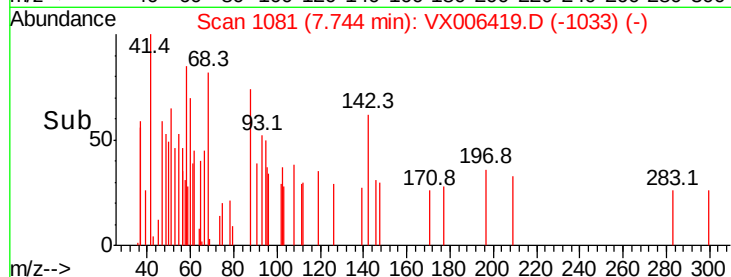
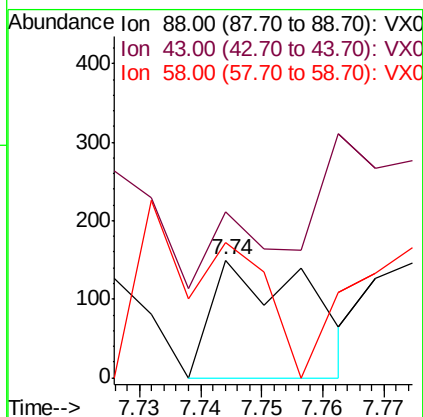
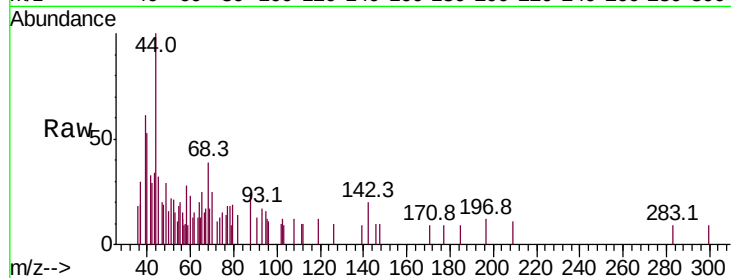




#49
1,4-Dioxane
Concen: 0.686 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX006419.D
Acq: 11 Dec 2018 14:38

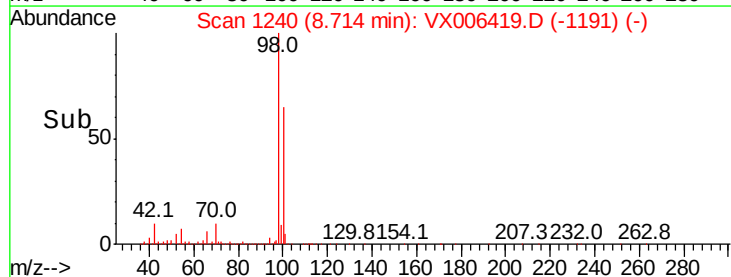
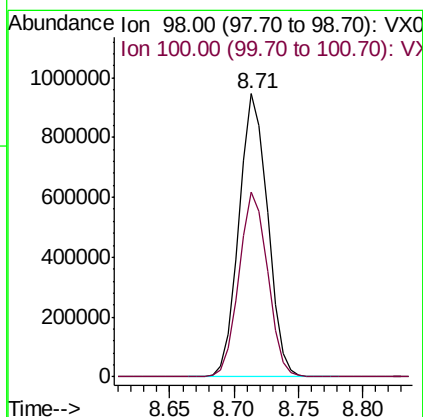
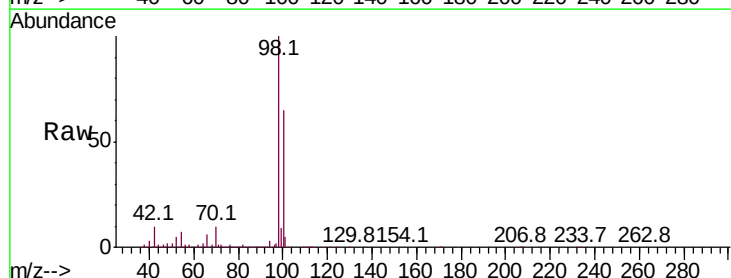
Instrument :
MSVOA_X
ClientSampled :

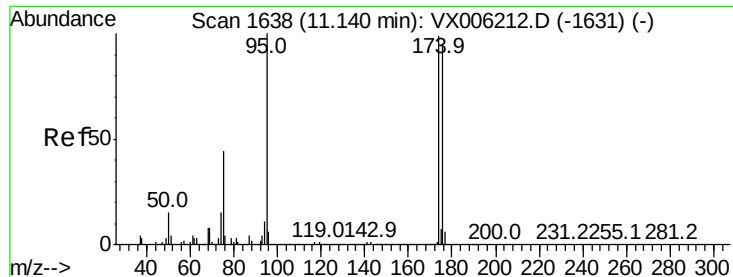
Tot Ion: 88 Resp: 163
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 142.3 51.4 77.0#



#50
Toluene-d8
Concen: 49.169 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006419.D
Acq: 11 Dec 2018 14:38

Tgt Ion: 98 Resp: 1459810
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 47.418 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006419.D

Acq: 11 Dec 2018 14:38

Instrument :

MSVOA_X

ClientSampled :

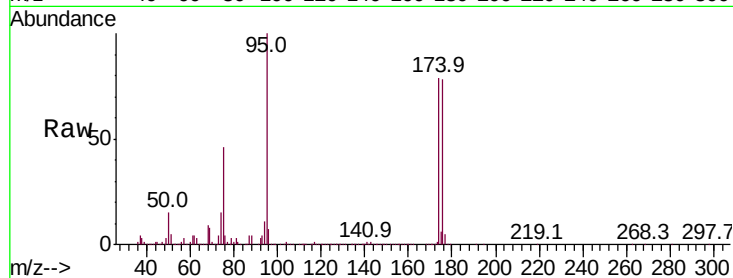
Tot Ion: 95 Resp: 530508

Ion Ratio Lower Upper

95 100

174 90.5 0.0 187.0

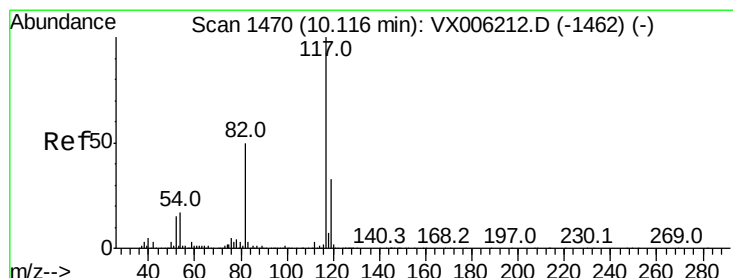
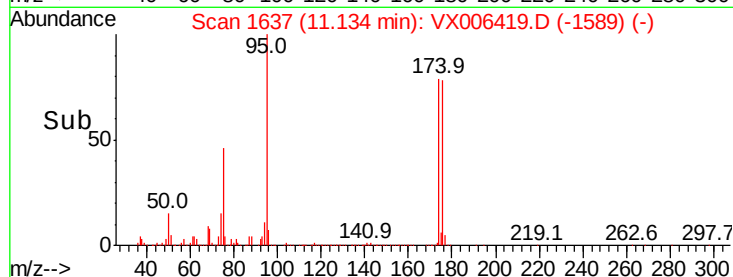
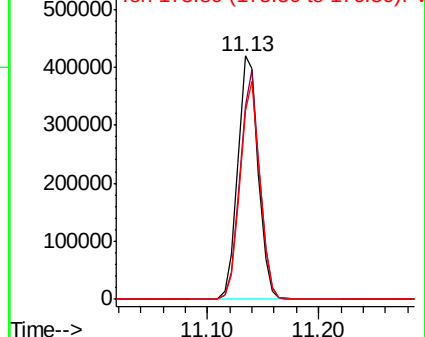
176 87.3 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006212.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006212.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006419.D

Acq: 11 Dec 2018 14:38

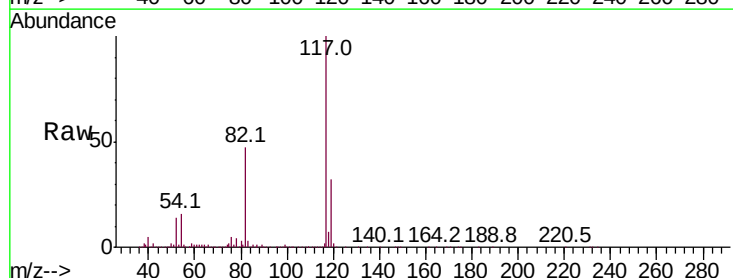
Tgt Ion: 117 Resp: 1136492

Ion Ratio Lower Upper

117 100

82 47.5 39.6 59.4

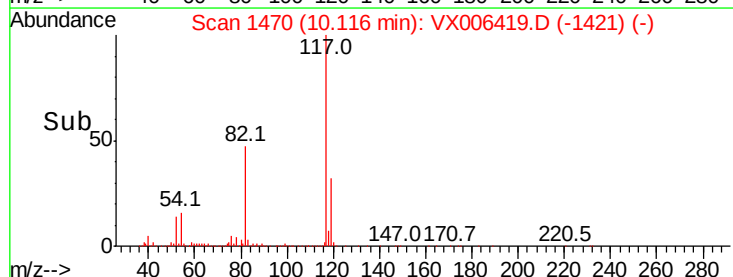
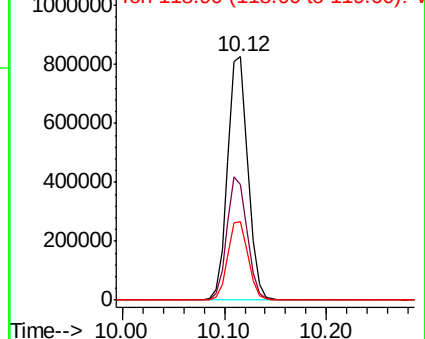
119 32.2 26.3 39.5

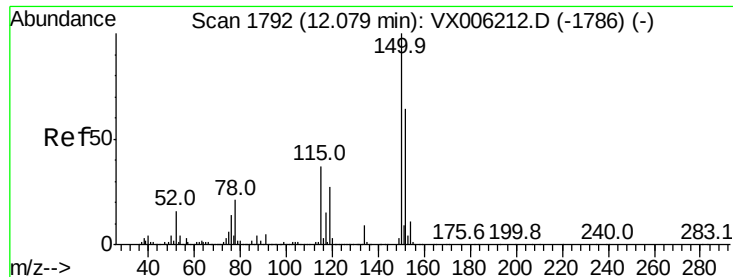


Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006212.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006212.D (-1462) (-)



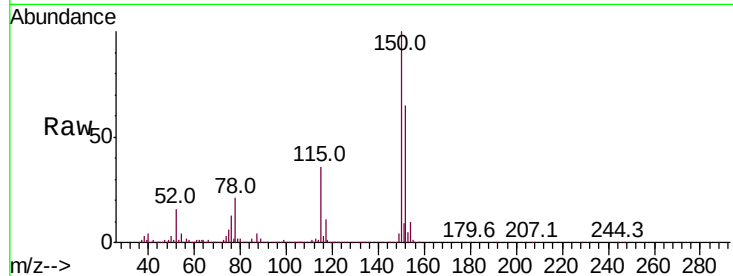


#72

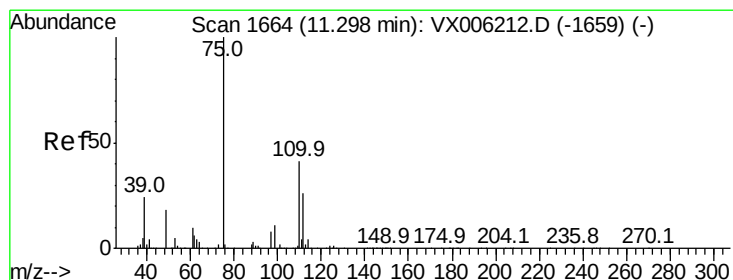
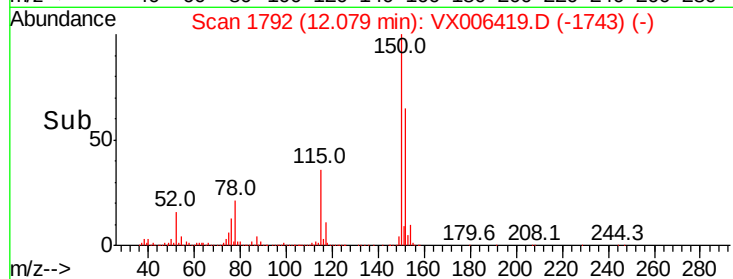
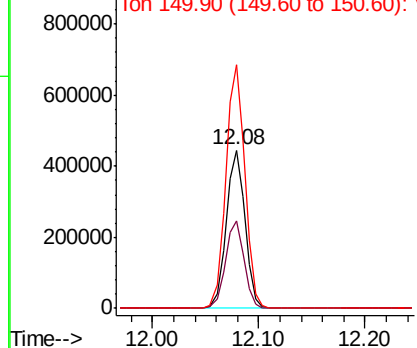
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006419.D
Acq: 11 Dec 2018 14:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.0	116.9
150	155.9	0.0	345.8



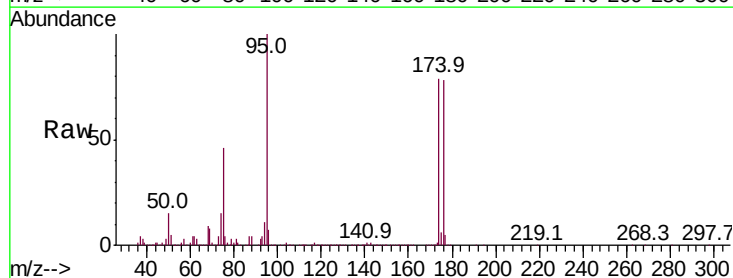
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



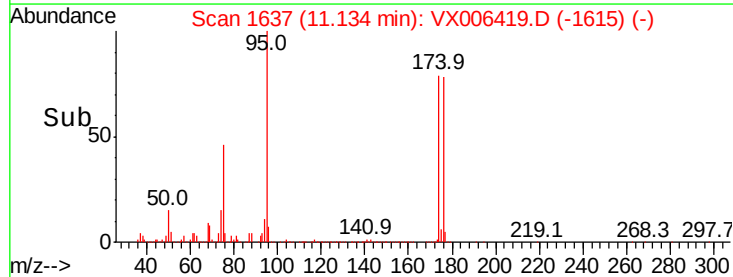
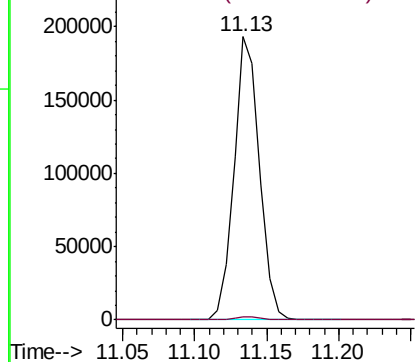
#76

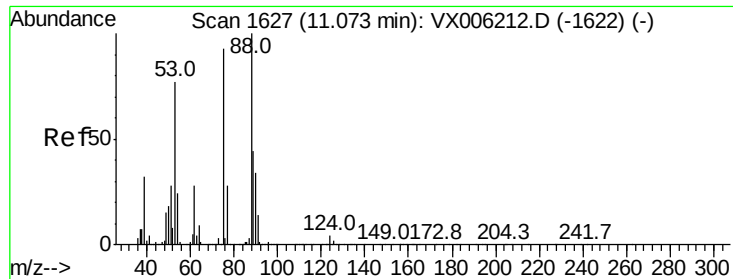
1,2,3-Trichloropropane
Concen: 22.723 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006419.D
Acq: 11 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.9	59.7#



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: 53.324 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006419.D

Acq: 11 Dec 2018 14:38

Instrument :

MSVOA_X

ClientSampleId :

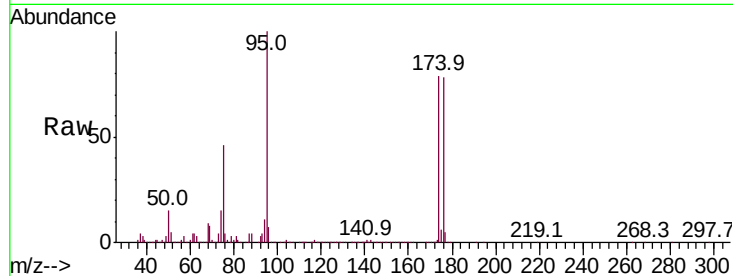
Tot Ion: 75 Resp: 239663

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

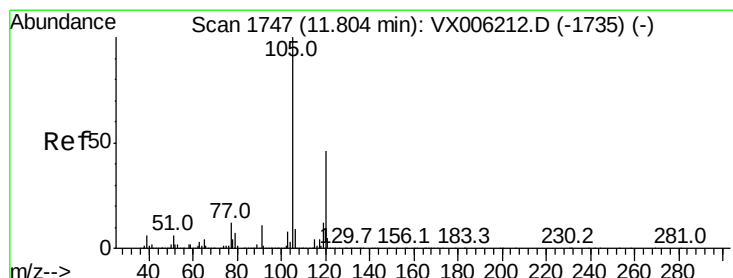
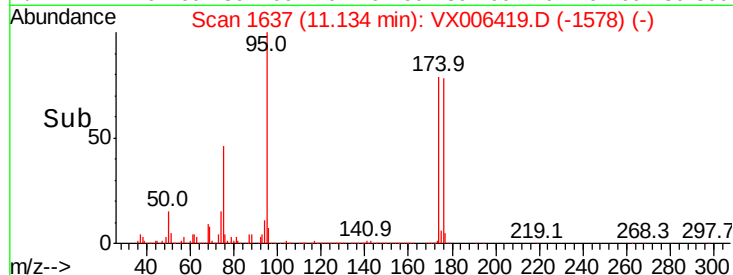
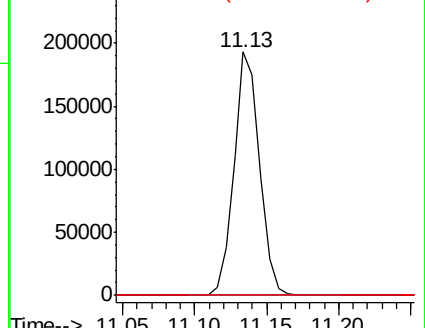
89 0.0 44.2 66.4#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.323 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006419.D

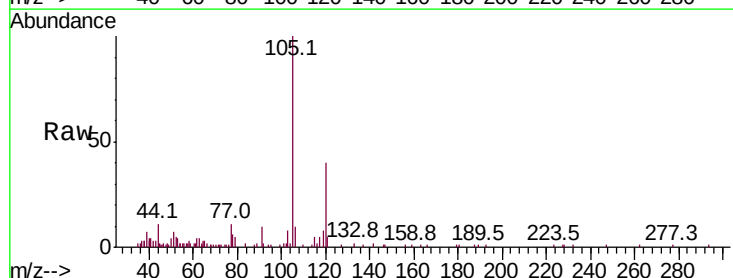
Acq: 11 Dec 2018 14:38

Tgt Ion: 105 Resp: 10457

Ion Ratio Lower Upper

105 100

120 46.1 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

