

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
 Data File : VX006423.D
 Acq On : 11 Dec 2018 16:24
 Operator : JC/MD
 Sample : J6340-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 12 04:37:00 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

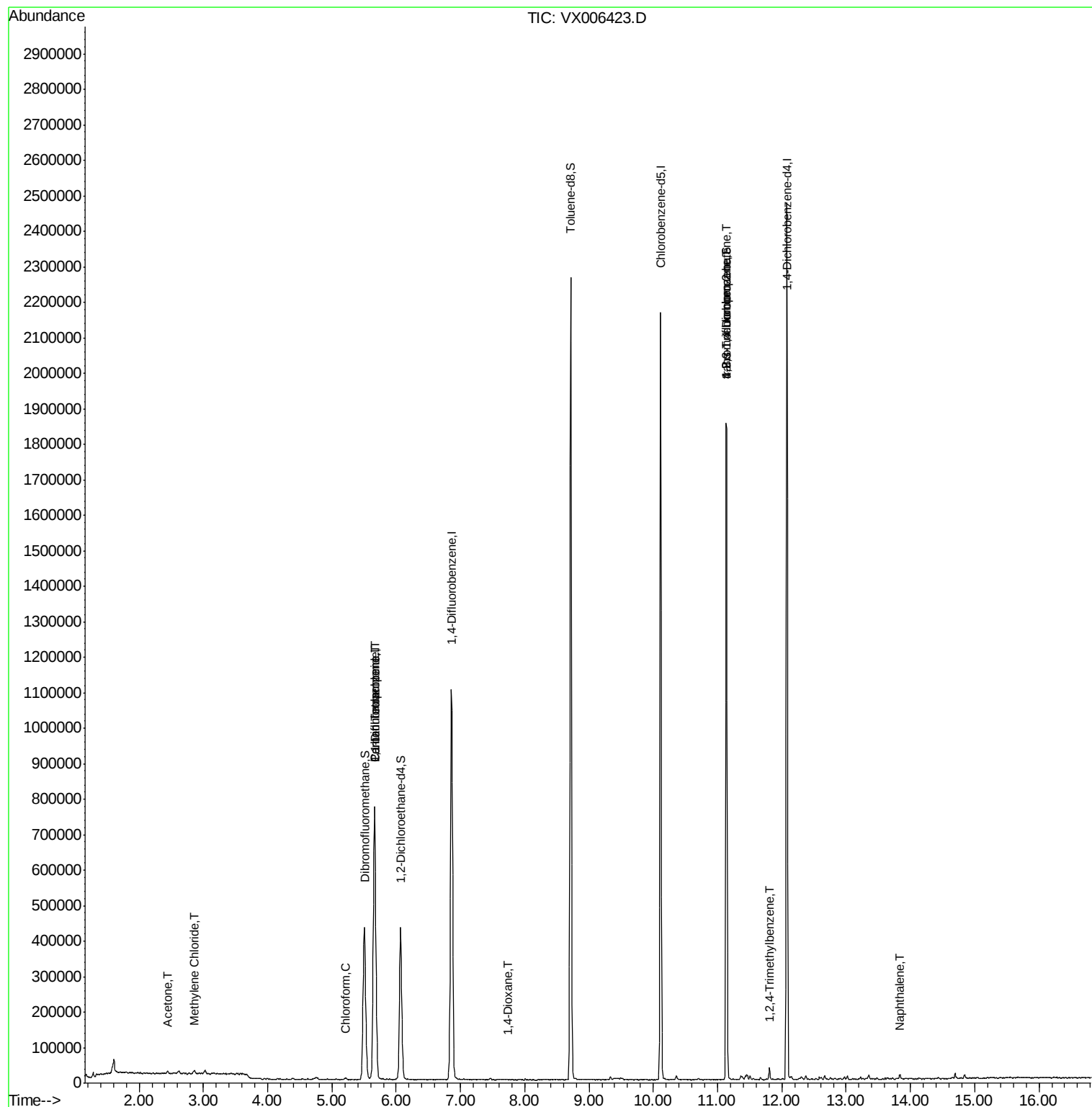
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	797379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1200653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1078362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	531705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	392623	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
35) Dibromofluoromethane	5.51	113	367795	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
50) Toluene-d8	8.71	98	1403995	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.13	95	511440	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	9364	2.451	ug/l #	85
20) Methylene Chloride	2.86	84	5571	0.685	ug/l #	92
30) Chloroform	5.21	83	5180	0.387	ug/l #	83
36) 1,1-Dichloropropene	5.67	75	48347	4.782	ug/l #	48
38) Carbon Tetrachloride	5.67	117	69964	5.882	ug/l #	16
49) 1,4-Dioxane	7.74	88	106	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	235029	22.901	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	235029	53.743	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.80	105	16661	0.528	ug/l	97
95) Naphthalene	13.83	128	10112	0.248	ug/l #	93

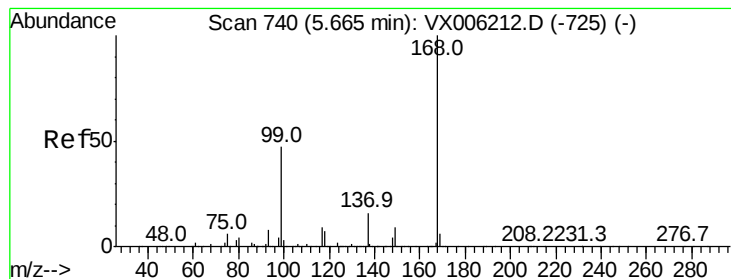
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 12 04:37:00 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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006423.D

Acq: 11 Dec 2018 16:24

Instrument :

MSVOA_X

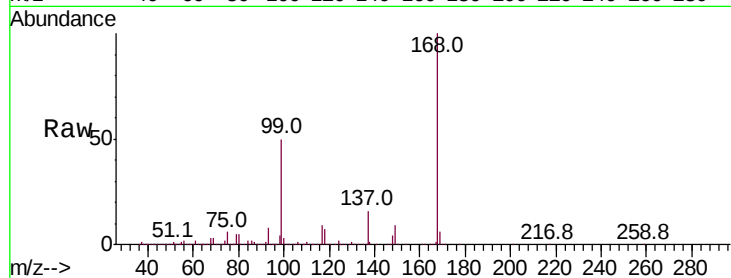
ClientSampleId :

Tot Ion:168 Resp: 797379

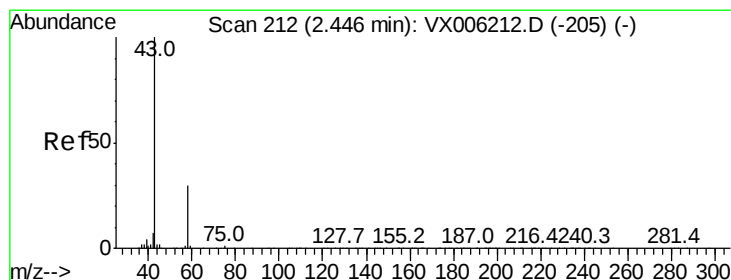
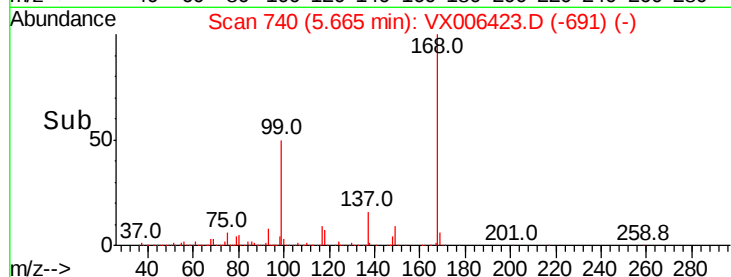
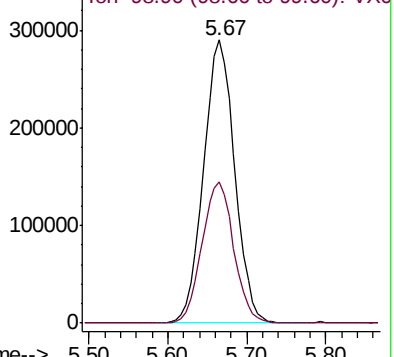
Ion Ratio Lower Upper

168 100

99 49.7 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006423.D (-691) (-)



#16

Acetone

Concen: 2.451 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006423.D

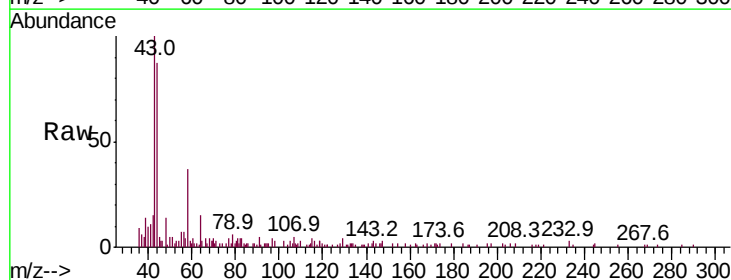
Acq: 11 Dec 2018 16:24

Tgt Ion: 43 Resp: 9364

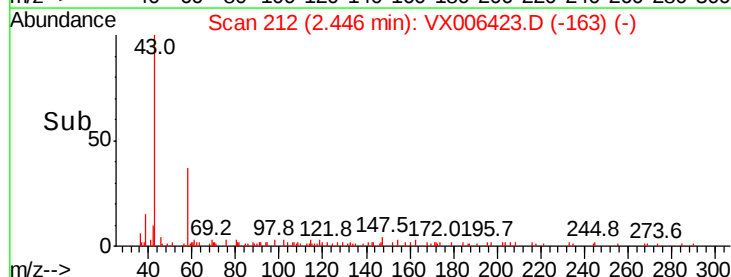
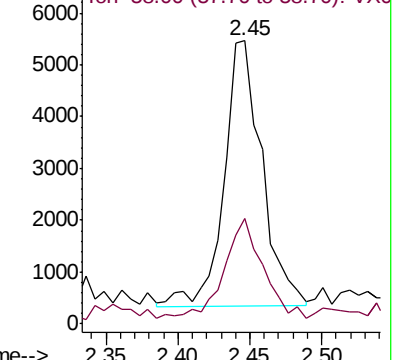
Ion Ratio Lower Upper

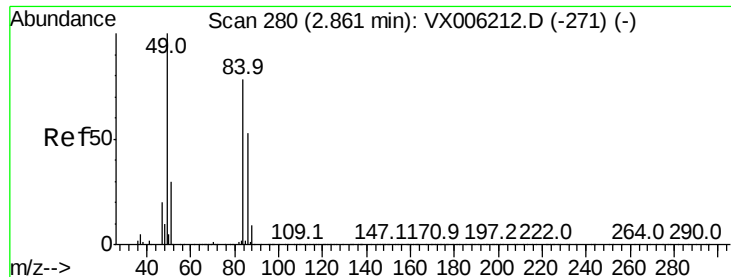
43 100

58 37.9 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX006423.D (-163) (-)

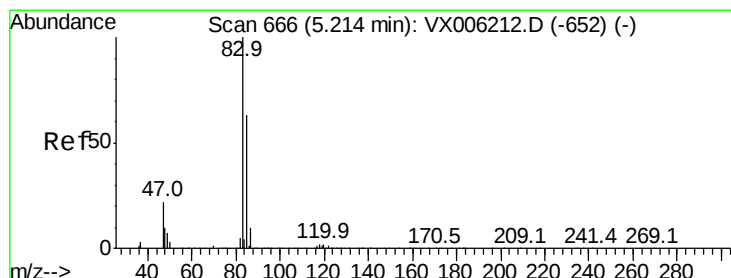
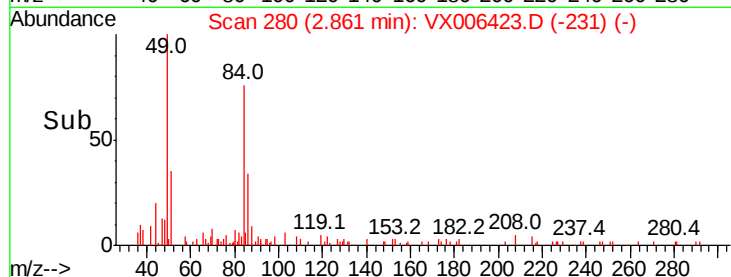
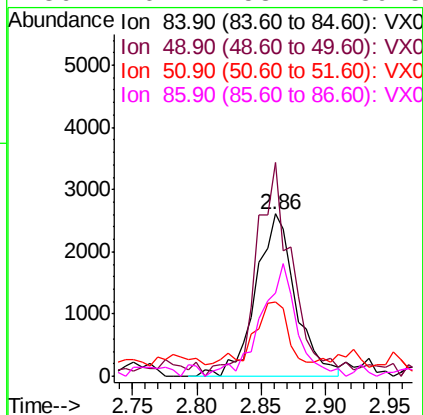
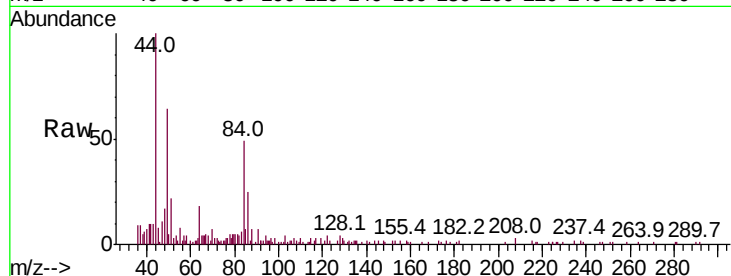




#20
Methvlene Chloride
Concen: 0.685 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006423.D
Acq: 11 Dec 2018 16:24

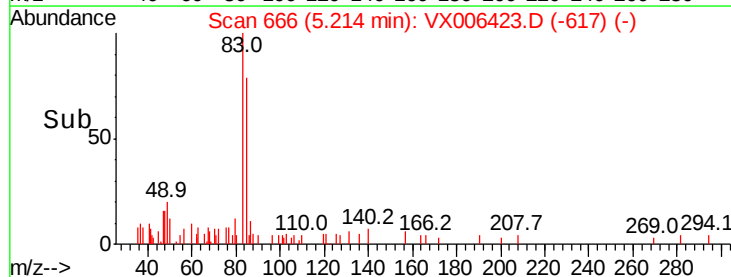
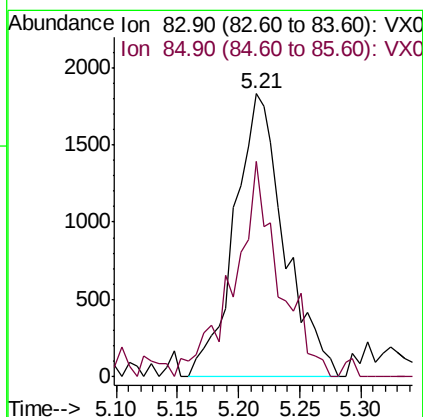
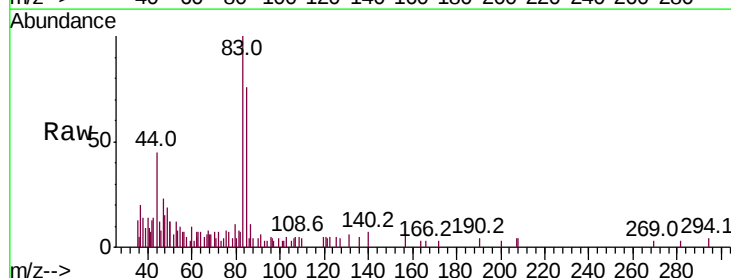
Instrument :
MSVOA_X
ClientSampled :

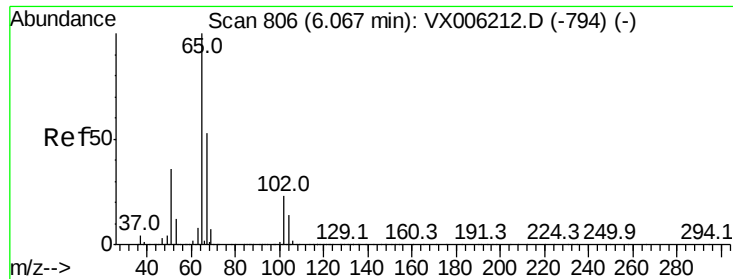
Tot Ion: 84 Resp: 5571
Ion Ratio Lower Upper
84 100
49 128.1 102.2 153.4
51 35.7 31.1 46.7
86 46.2 53.7 80.5#



#30
Chloroform
Concen: 0.387 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006423.D
Acq: 11 Dec 2018 16:24

Tgt Ion: 83 Resp: 5180
Ion Ratio Lower Upper
83 100
85 75.9 50.3 75.5#





#33

1,2-Dichloroethane-d4

Concen: 48.234 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006423.D

Acq: 11 Dec 2018 16:24

Instrument :

MSVOA_X

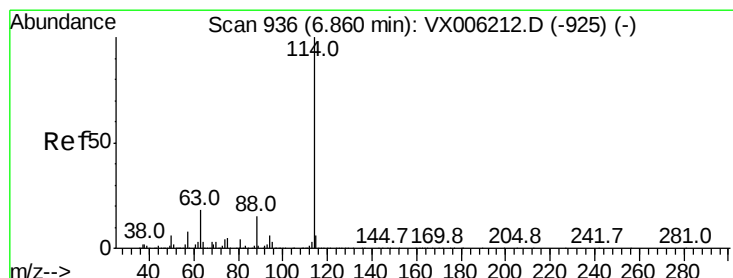
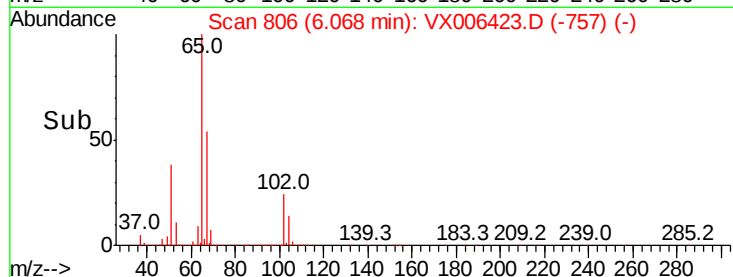
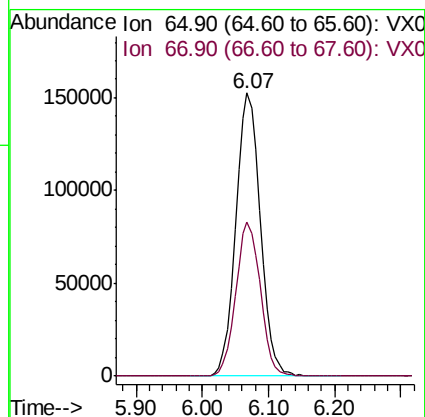
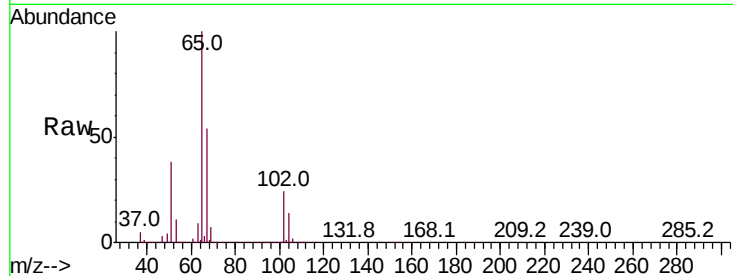
ClientSampleId :

Tot Ion: 65 Resp: 392623

Ion Ratio Lower Upper

65 100

67 54.2 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: VX006423.D

Acq: 11 Dec 2018 16:24

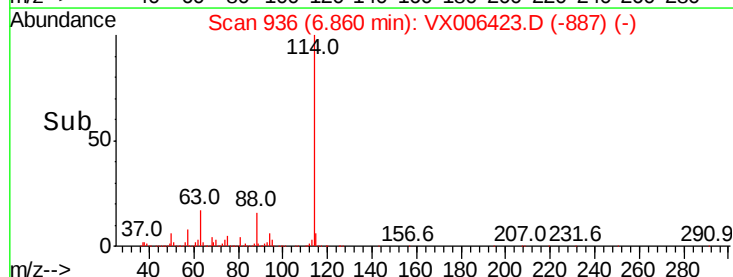
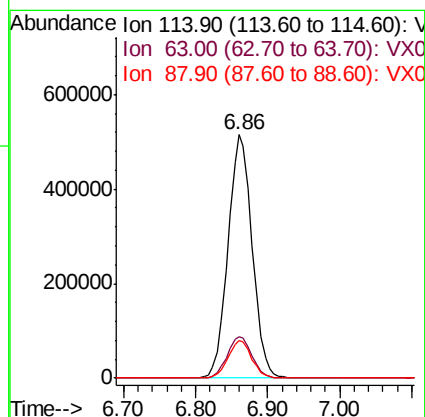
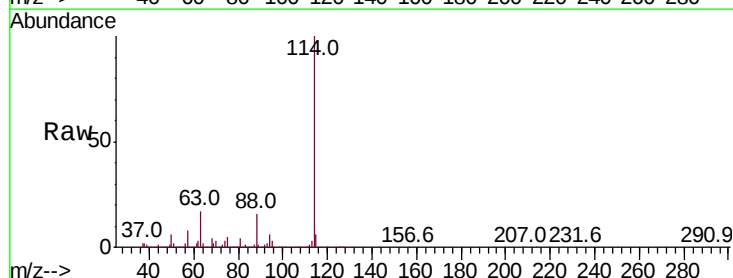
Tgt Ion: 114 Resp: 1200653

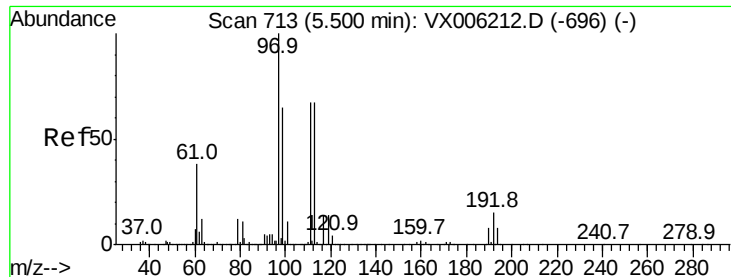
Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

88 15.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.312 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006423.D

Acq: 11 Dec 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

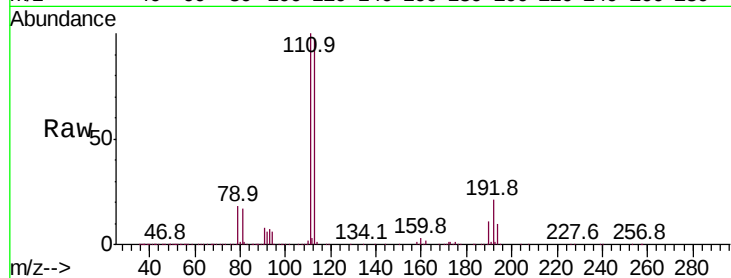
Tot Ion:113 Resp: 367795

Ion Ratio Lower Upper

113 100

111 103.1 81.1 121.7

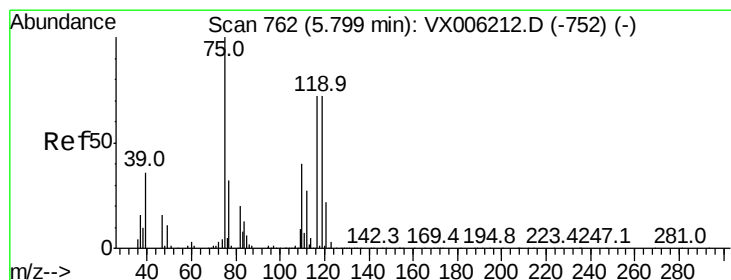
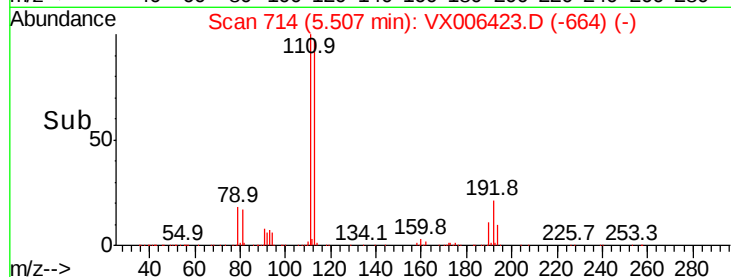
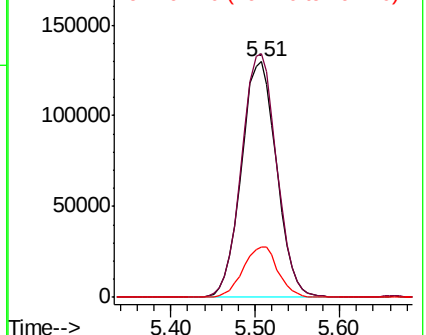
192 21.3 18.2 27.2



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: 4.782 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006423.D

Acq: 11 Dec 2018 16:24

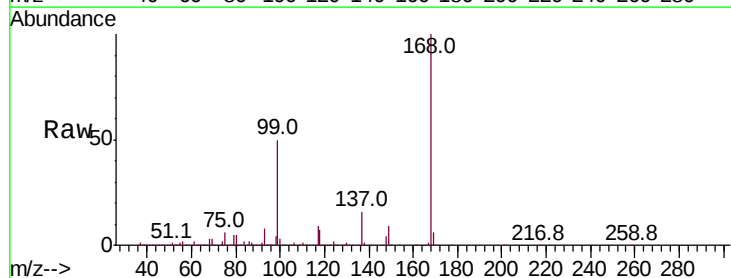
Tgt Ion: 75 Resp: 48347

Ion Ratio Lower Upper

75 100

110 10.7 20.4 61.3#

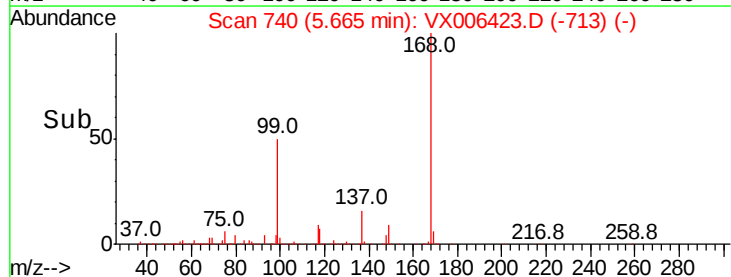
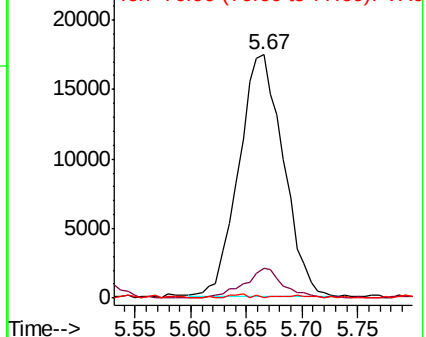
77 0.4 24.9 37.3#

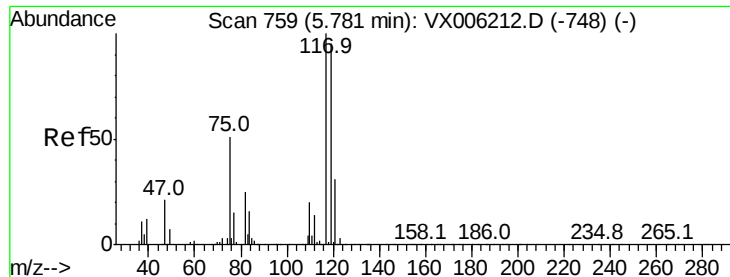


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.882 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006423.D

Acq: 11 Dec 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

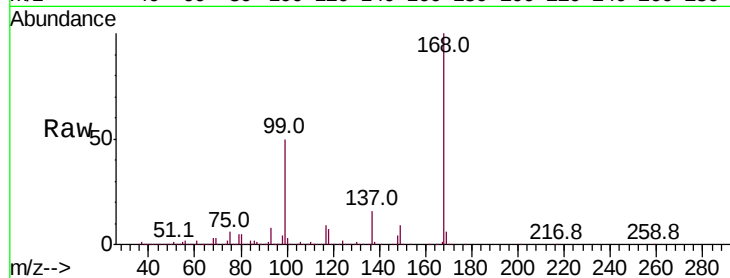
Tot Ion:117 Resp: 69964

Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.8#

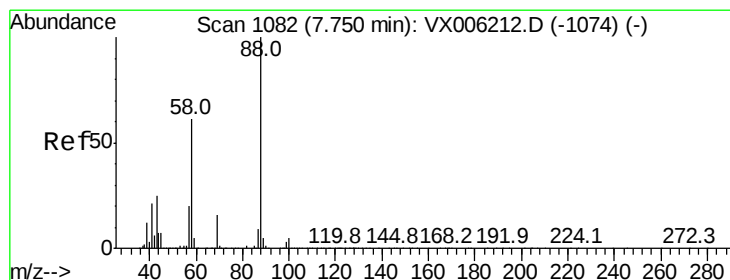
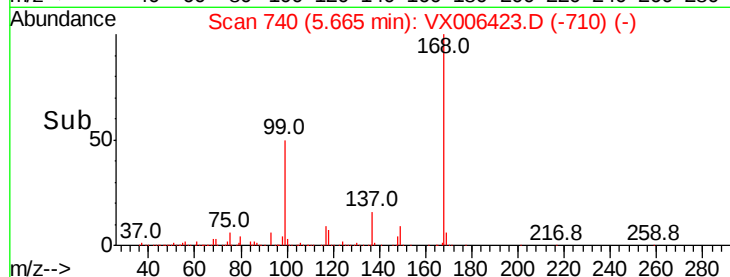
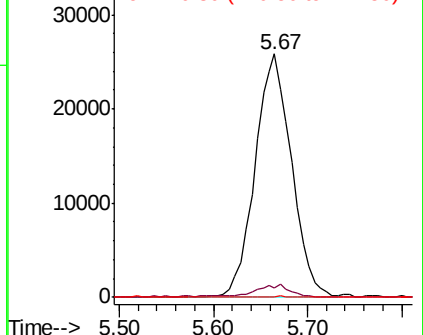
121 0.0 24.6 37.0#



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: 0.468 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX006423.D

Acq: 11 Dec 2018 16:24

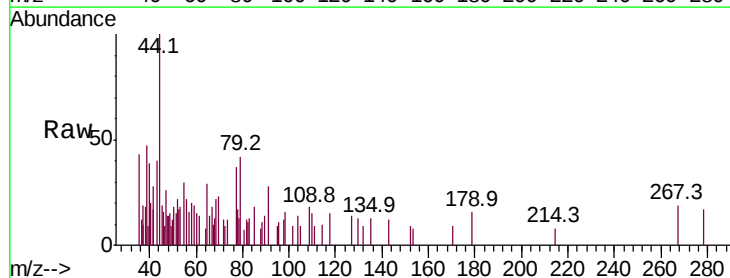
Tgt Ion: 88 Resp: 106

Ion Ratio Lower Upper

88 100

43 433.0 23.2 34.8#

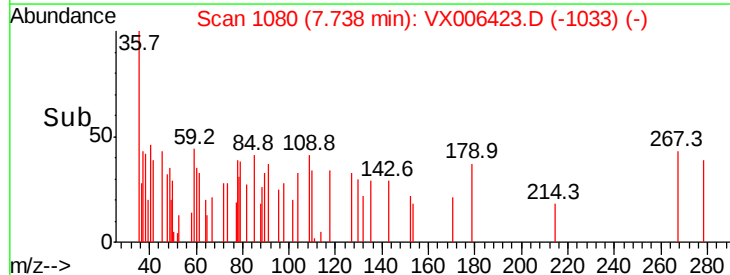
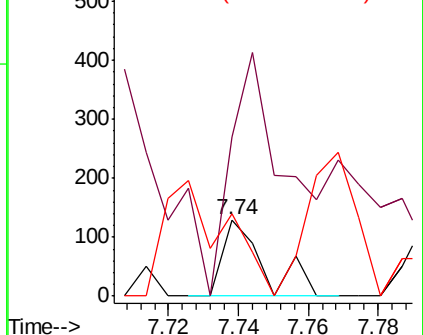
58 226.4 51.4 77.0#

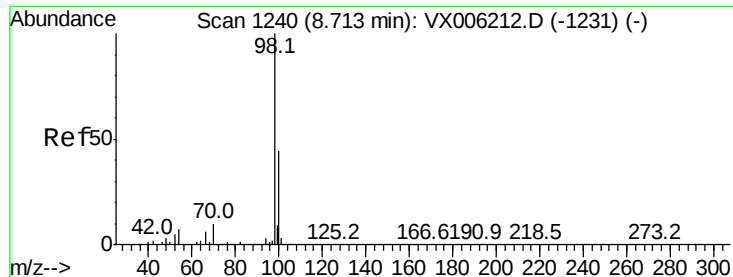


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.652 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006423.D

Acq: 11 Dec 2018 16:24

Instrument :

MSVOA_X

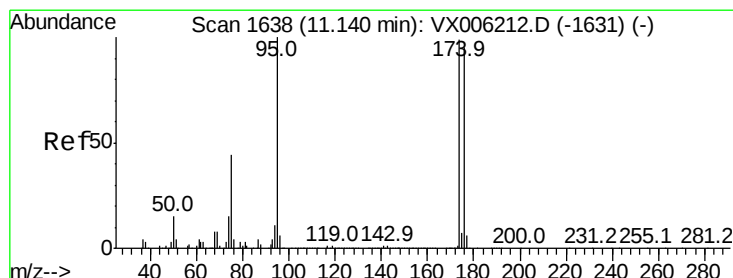
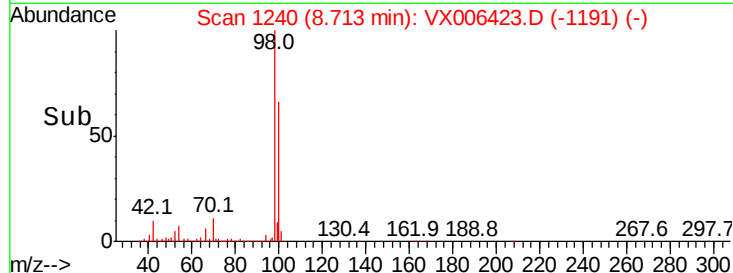
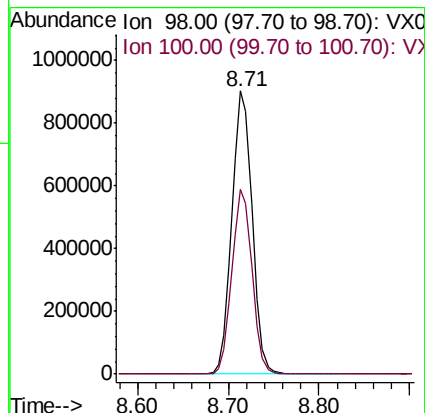
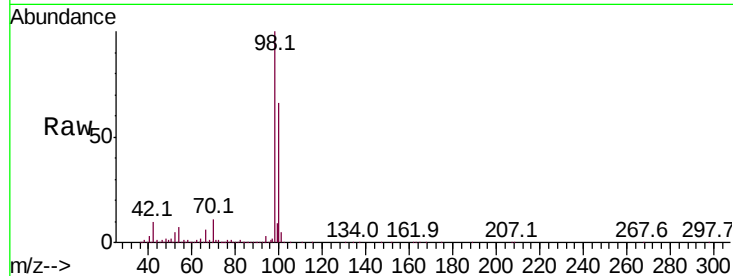
ClientSampleId :

Tot Ion: 98 Resp: 1403995

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.998 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006423.D

Acq: 11 Dec 2018 16:24

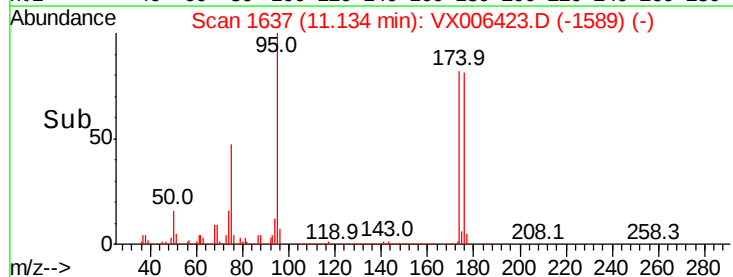
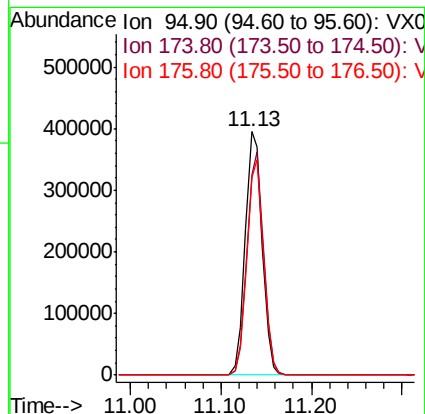
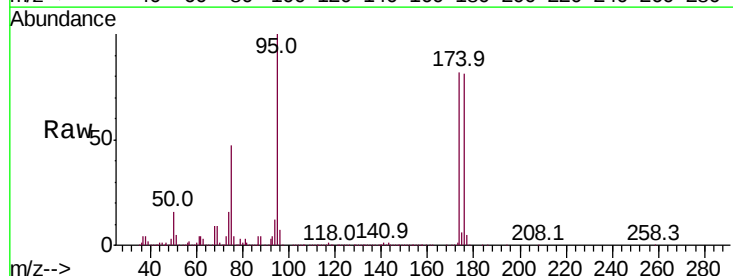
Tgt Ion: 95 Resp: 511440

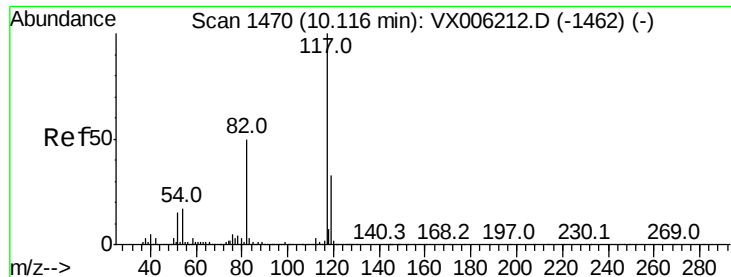
Ion Ratio Lower Upper

95 100

174 89.9 0.0 187.0

176 86.8 0.0 181.8

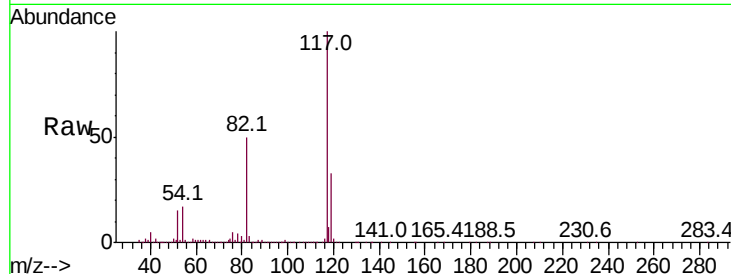




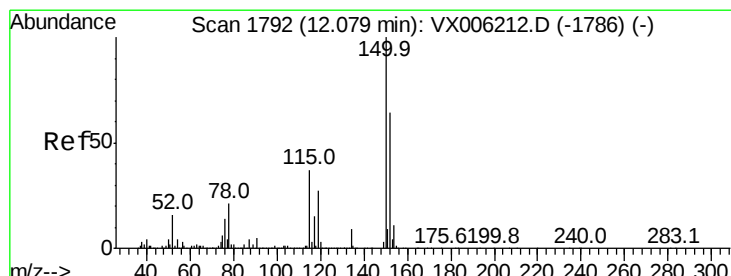
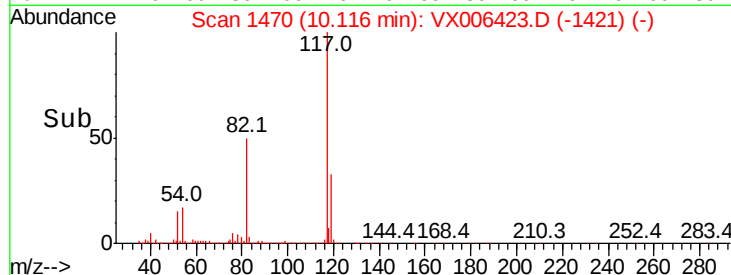
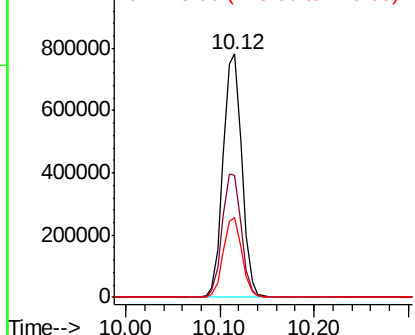
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006423.D
Acq: 11 Dec 2018 16:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 1078362
Ion Ratio Lower Upper
117 100
82 49.8 39.6 59.4
119 32.8 26.3 39.5

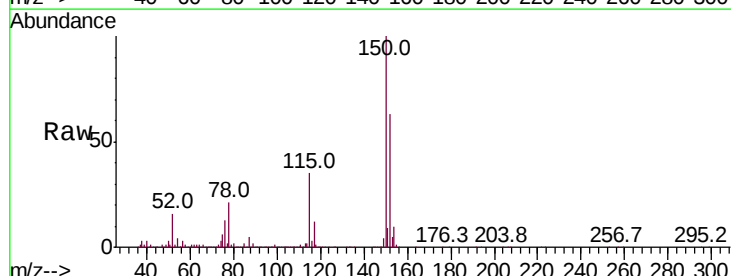


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

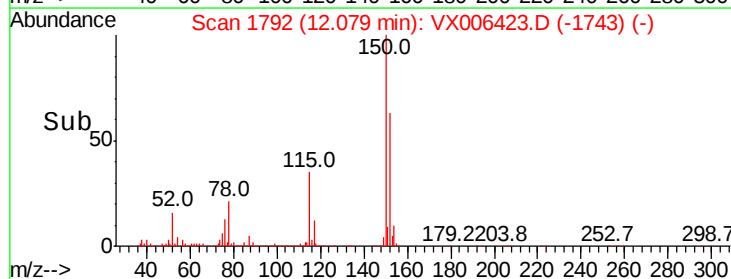
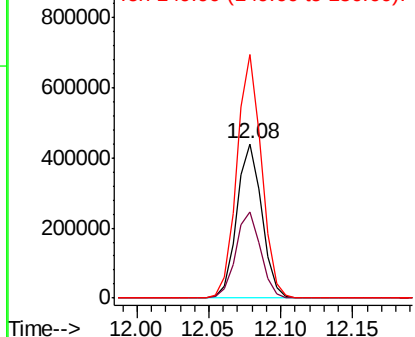


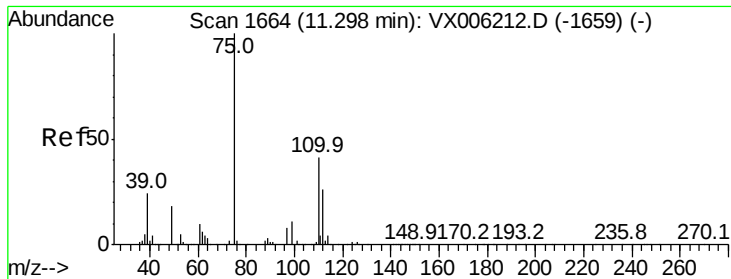
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006423.D
Acq: 11 Dec 2018 16:24

Tgt Ion:152 Resp: 531705
Ion Ratio Lower Upper
152 100
115 55.9 39.0 116.9
150 155.7 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: 22.901 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006423.D

Acq: 11 Dec 2018 16:24

Instrument :

MSVOA_X

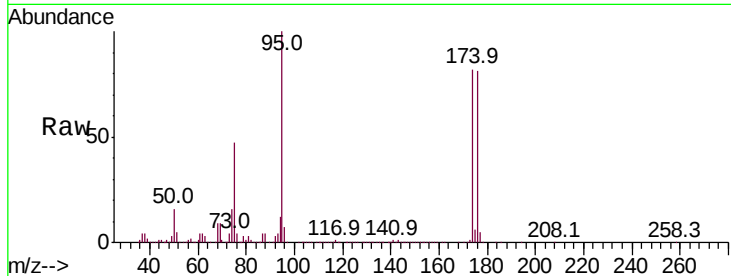
ClientSampleId :

Tot Ion: 75 Resp: 235029

Ion Ratio Lower Upper

75 100

77 1.1 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

200000

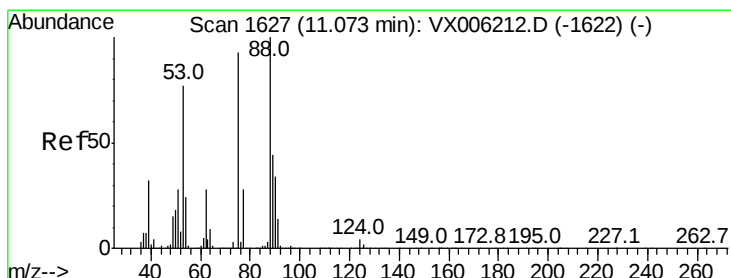
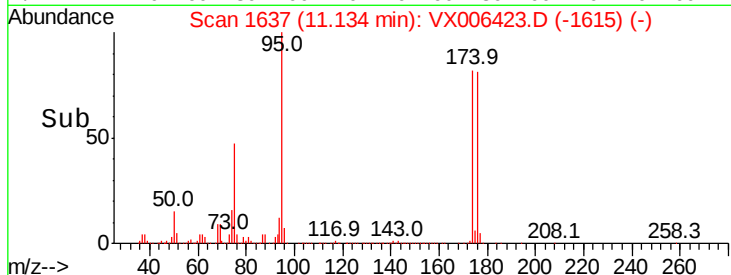
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 53.743 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006423.D

Acq: 11 Dec 2018 16:24

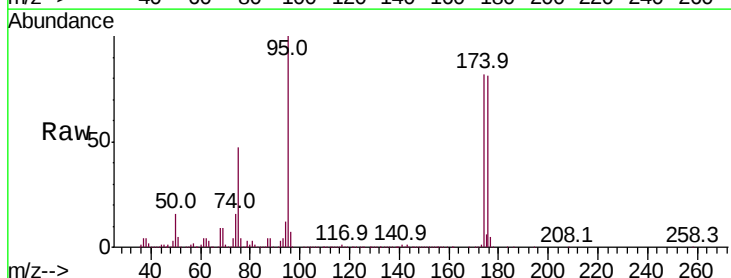
Tgt Ion: 75 Resp: 235029

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.1 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

250000

200000

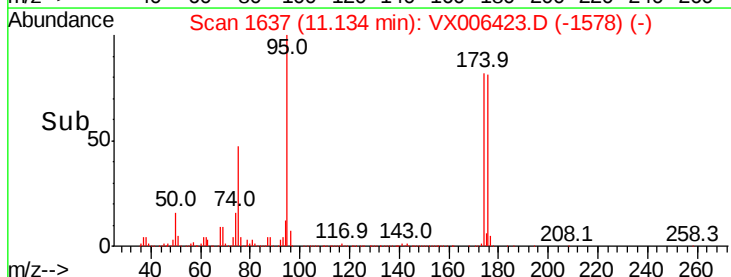
150000

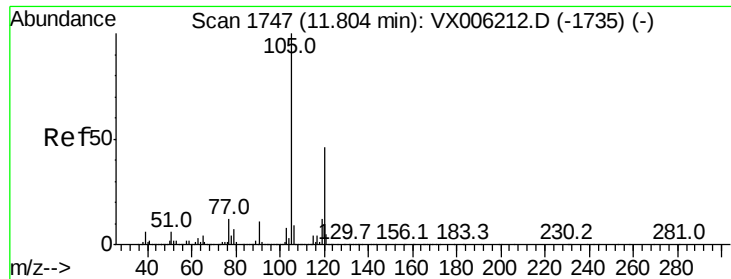
100000

50000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 0.528 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006423.D

Acq: 11 Dec 2018 16:24

Instrument :

MSVOA_X

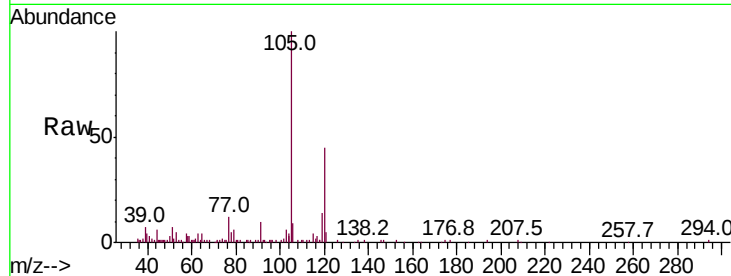
ClientSampleId :

Tot Ion:105 Resp: 16661

Ion Ratio Lower Upper

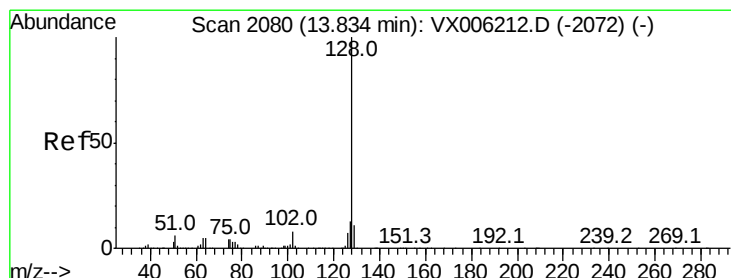
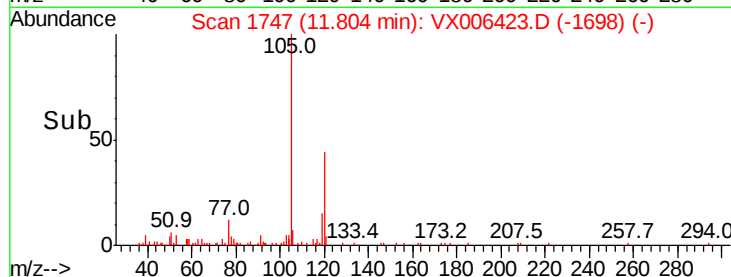
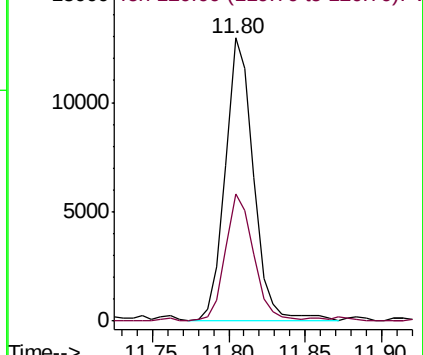
105 100

120 44.8 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 0.248 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006423.D

Acq: 11 Dec 2018 16:24

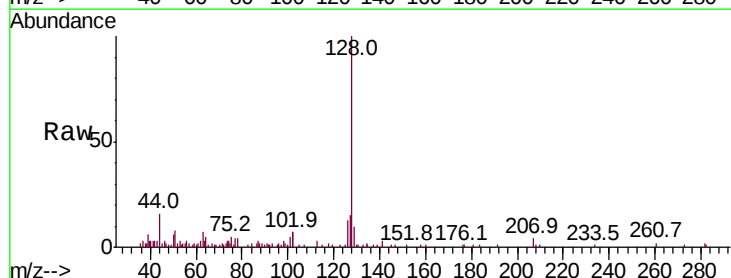
Tgt Ion:128 Resp: 10112

Ion Ratio Lower Upper

128 100

127 15.5 10.2 15.4#

129 14.2 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

