

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
 Data File : VX006427.D
 Acq On : 11 Dec 2018 18:11
 Operator : JC/MD
 Sample : J6324-03DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 12 04:38:11 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	764555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1182902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1057616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	510569	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	386438	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
35) Dibromofluoromethane	5.51	113	359181	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
50) Toluene-d8	8.71	98	1359904	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.14	95	502083	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	

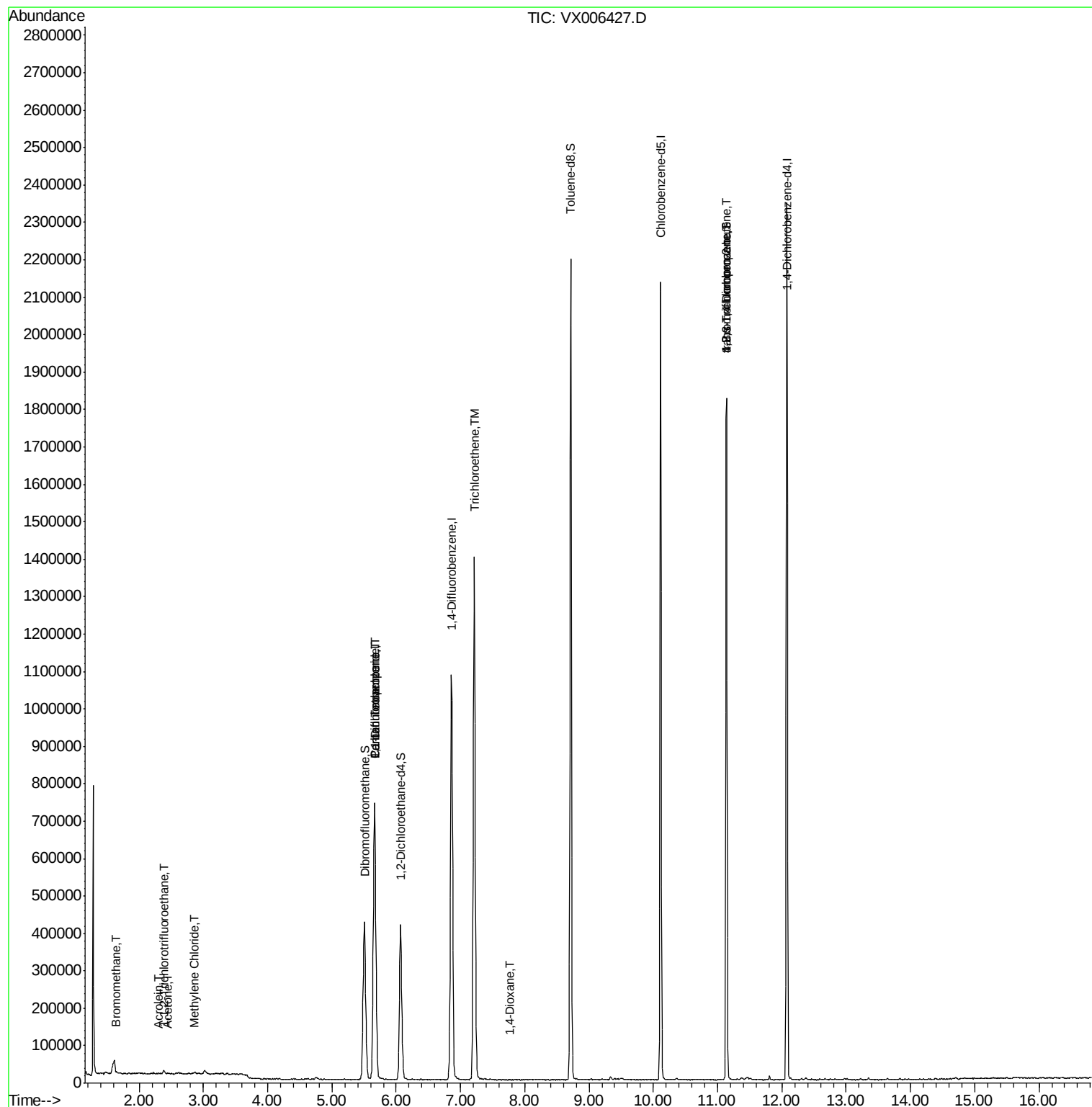
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1176	0.205	ug/l #	47
9) 1,1,2-Trichlorotrifluoroet	2.40	101	2989	0.414	ug/l	91
13) Acrolein	2.30	56	372	0.319	ug/l #	61
16) Acetone	2.45	43	2058	0.562	ug/l #	67
20) Methylene Chloride	2.86	84	2528	0.324	ug/l #	89
36) 1,1-Dichloropropene	5.67	75	47046	4.723	ug/l #	49
38) Carbon Tetrachloride	5.66	117	69104	5.897	ug/l #	16
44) Trichloroethene	7.21	130	573411	63.443	ug/l	97
49) 1,4-Dioxane	7.76	88	107	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	228986	23.236	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	228986	54.528	ug/l #	15

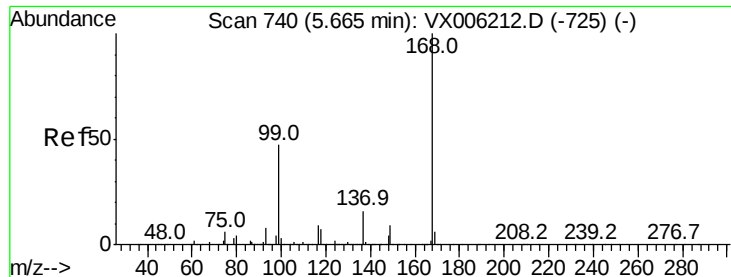
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121118\
Data File : VX006427.D
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ClientSampled :

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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: VX006427.D

Acq: 11 Dec 2018 18:11

Instrument :

MSVOA_X

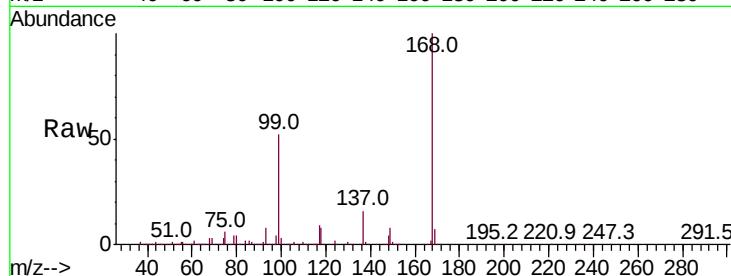
ClientSampled :

Tot Ion:168 Resp: 764555

Ion Ratio Lower Upper

168 100

99 51.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

300000

250000

200000

150000

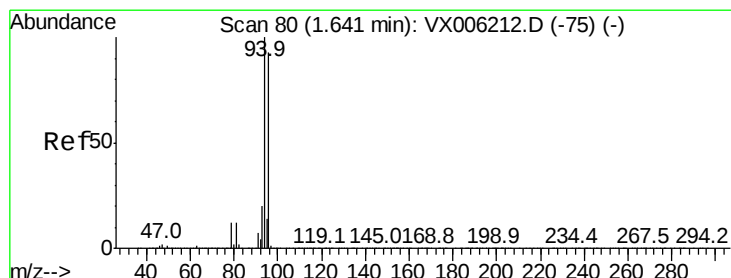
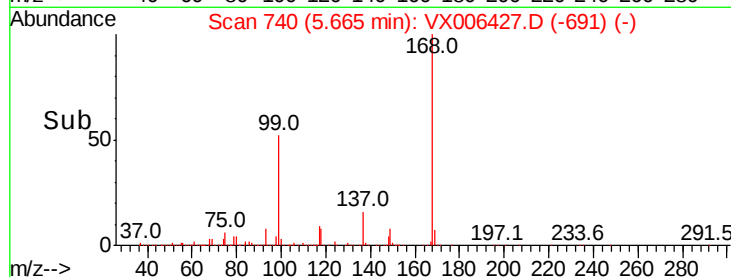
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#5

Bromomethane

Concen: 0.205 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX006427.D

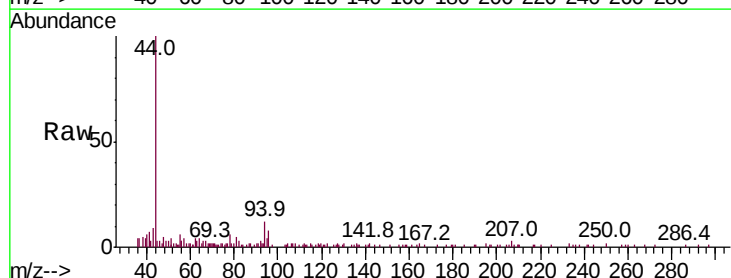
Acq: 11 Dec 2018 18:11

Tgt Ion: 94 Resp: 1176

Ion Ratio Lower Upper

94 100

96 42.7 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1000

800

600

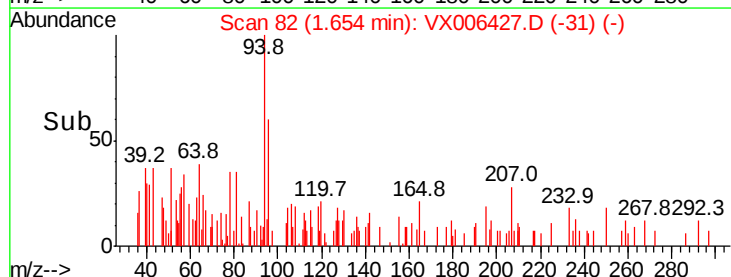
400

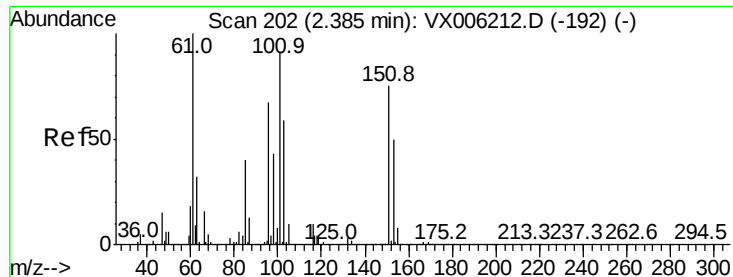
200

0

1.62 1.64 1.66 1.68

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.414 ug/l

RT: 2.40 min Scan# 204

Delta R.T. 0.01 min

Lab File: VX006427.D

Acq: 11 Dec 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

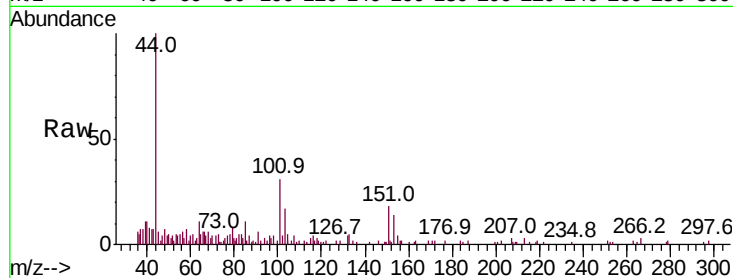
Tot Ion:101 Resp: 2989

Ion Ratio Lower Upper

101 100

85 46.6 35.5 53.3

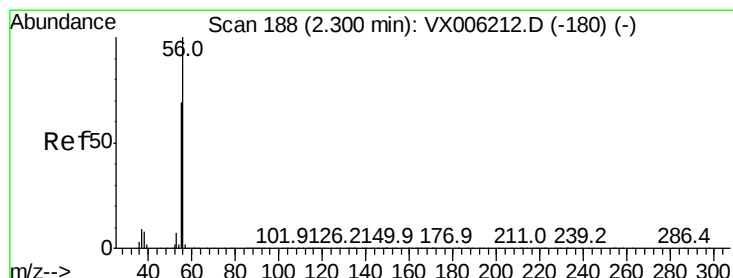
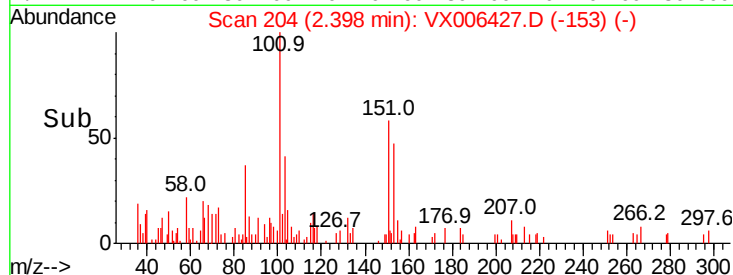
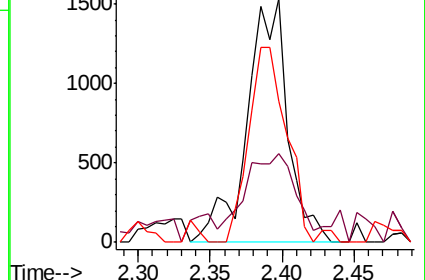
151 74.5 68.6 103.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#13

Acrolein

Concen: 0.319 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006427.D

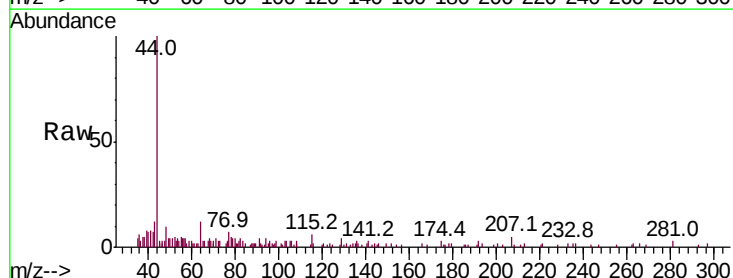
Acq: 11 Dec 2018 18:11

Tgt Ion: 56 Resp: 372

Ion Ratio Lower Upper

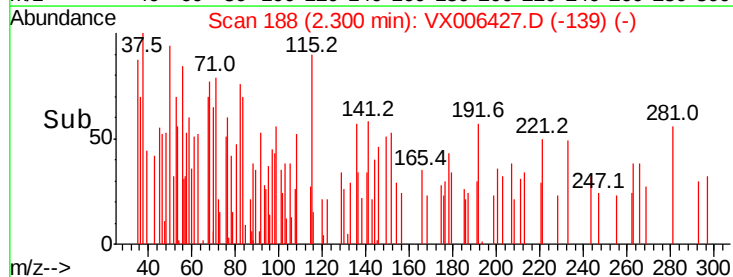
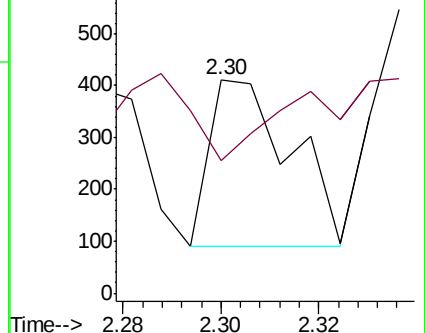
56 100

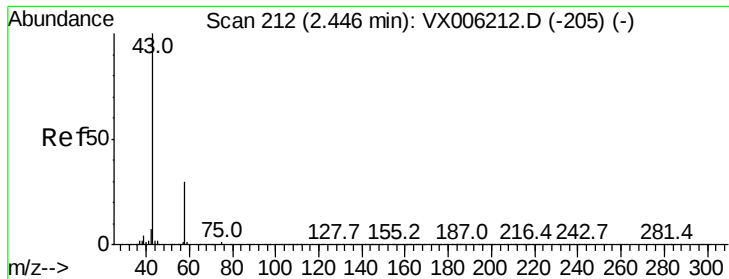
55 39.5 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

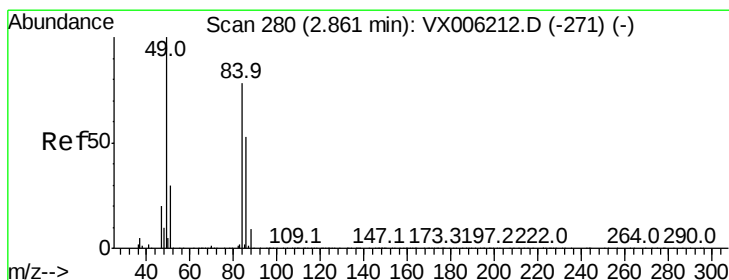
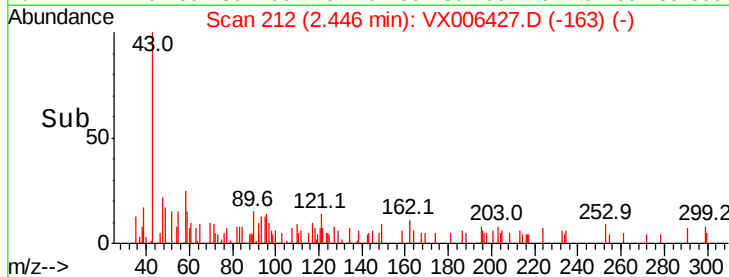
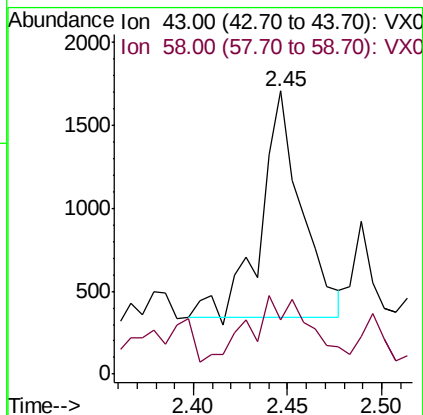
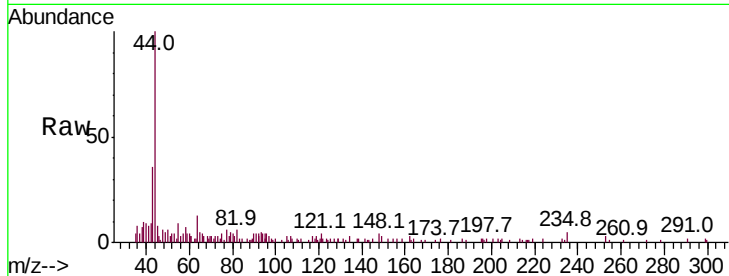




#16
Acetone
Concen: 0.562 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006427.D
Acq: 11 Dec 2018 18:11

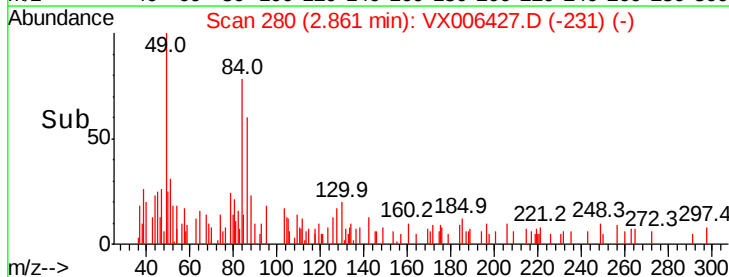
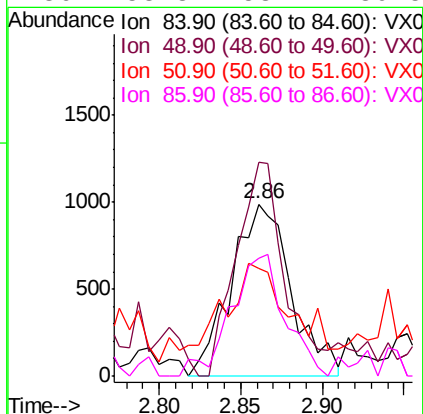
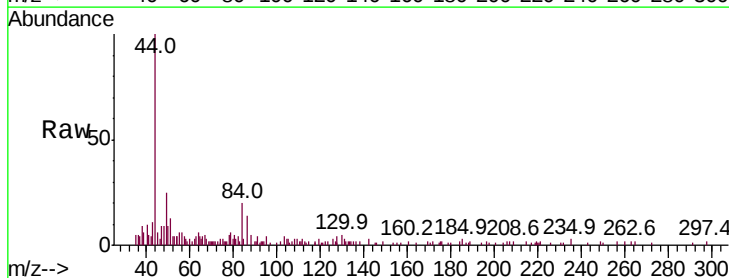
Instrument :
MSVOA_X
ClientSampleId :

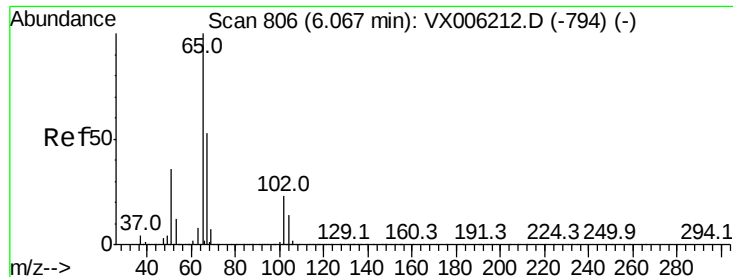
Tot Ion: 43 Resp: 2058
Ion Ratio Lower Upper
43 100
58 11.9 24.0 36.0#



#20
Methylene Chloride
Concen: 0.324 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006427.D
Acq: 11 Dec 2018 18:11

Tgt Ion: 84 Resp: 2528
Ion Ratio Lower Upper
84 100
49 115.0 102.2 153.4
51 47.1 31.1 46.7#
86 58.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 49.512 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006427.D

Acq: 11 Dec 2018 18:11

Instrument :

MSVOA_X

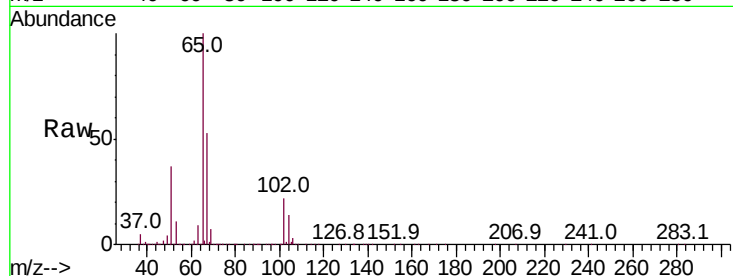
ClientSampleId :

Tot Ion: 65 Resp: 386438

Ion Ratio Lower Upper

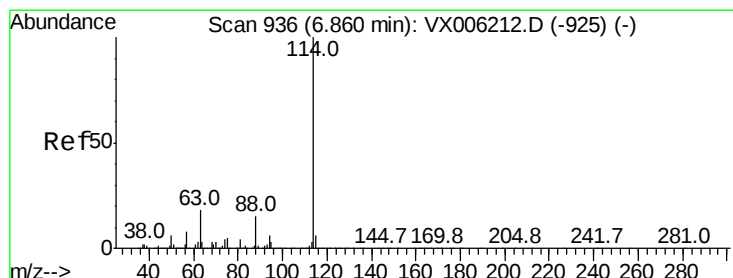
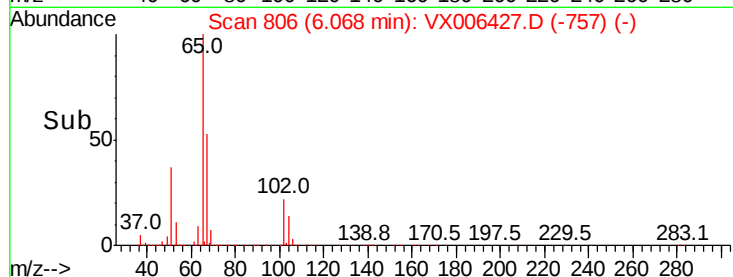
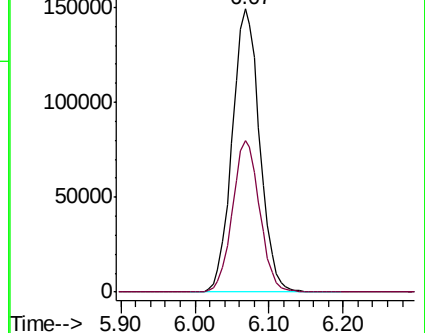
65 100

67 53.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006427.D

Acq: 11 Dec 2018 18:11

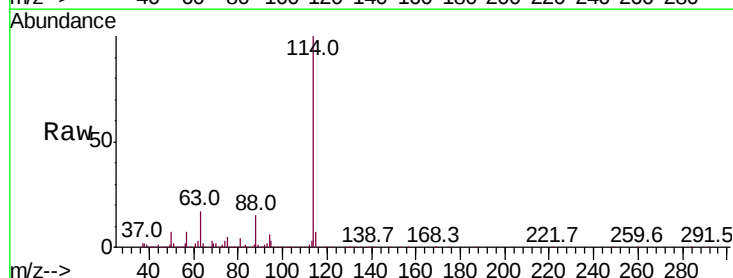
Tgt Ion: 114 Resp: 1182902

Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.6

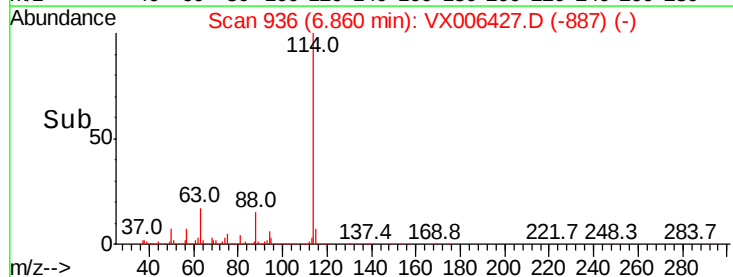
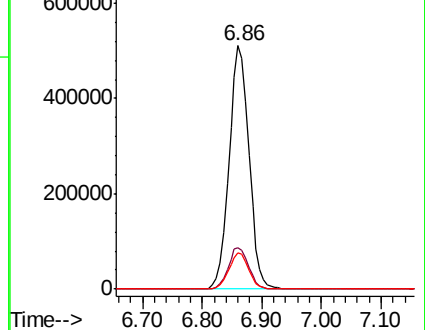
88 14.9 0.0 29.0

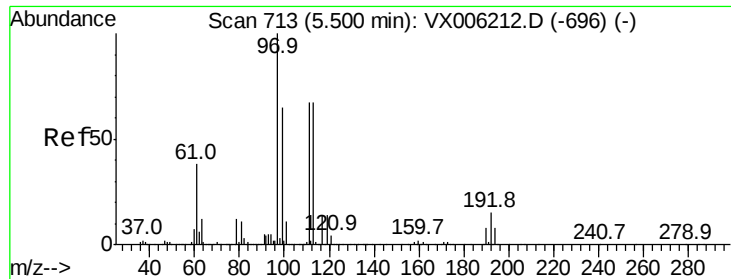


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

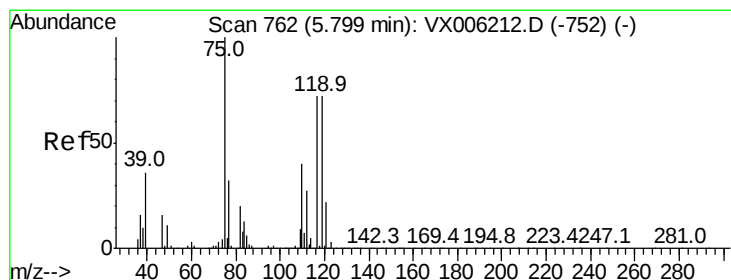
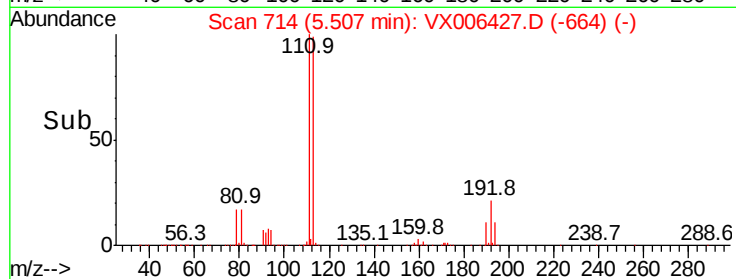
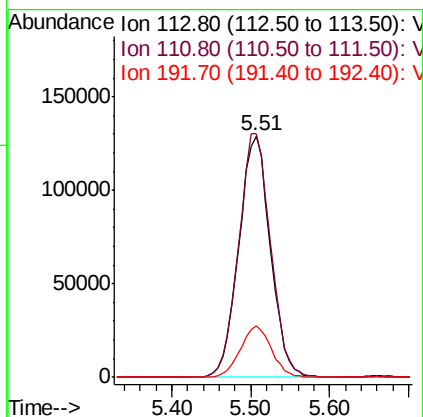
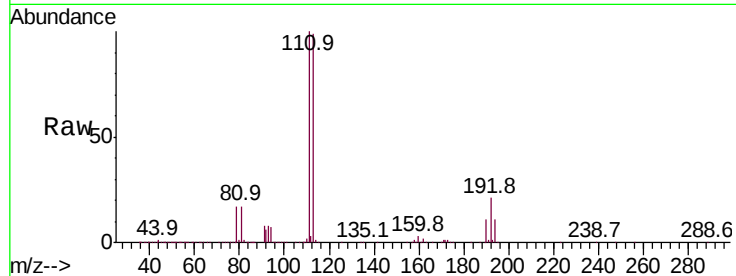




#35
Dibromofluoromethane
Concen: 46.898 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006427.D
Acq: 11 Dec 2018 18:11

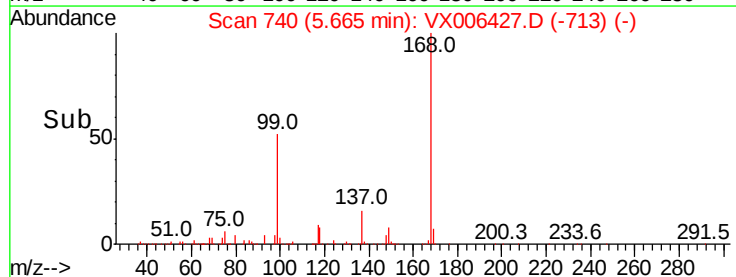
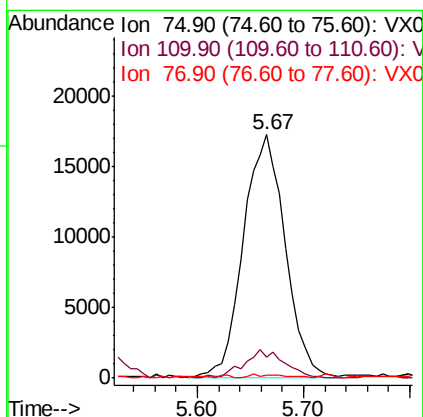
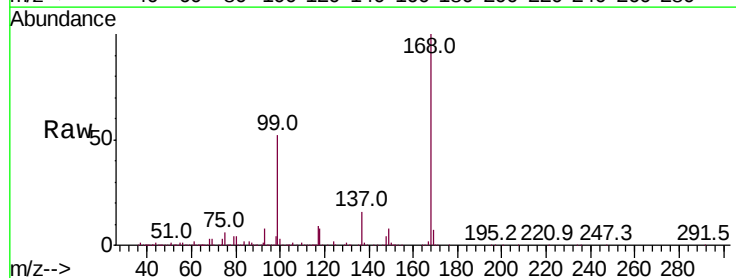
Instrument :
MSVOA_X
ClientSampleId :

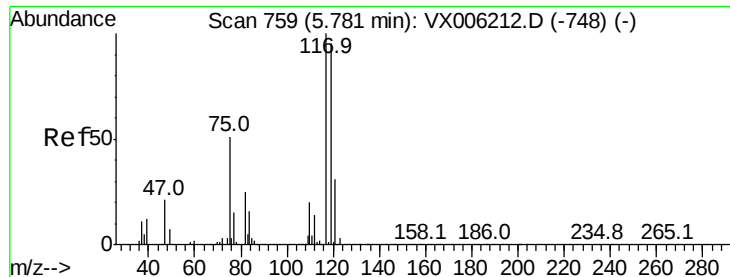
Tot Ion:113 Resp: 359181
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 21.1 18.2 27.2



#36
1,1-Dichloropropene
Concen: 4.723 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006427.D
Acq: 11 Dec 2018 18:11

Tgt Ion: 75 Resp: 47046
Ion Ratio Lower Upper
75 100
110 11.4 20.4 61.3#
77 0.4 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.897 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006427.D

Acq: 11 Dec 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

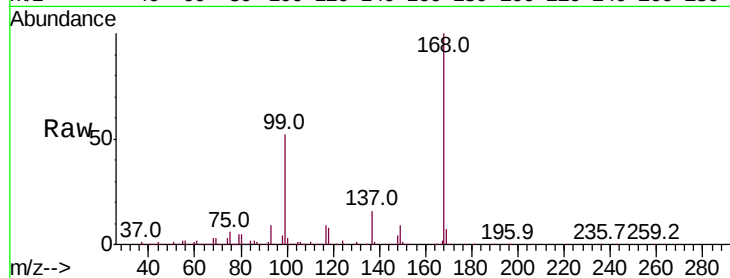
Tot Ion:117 Resp: 69104

Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.8#

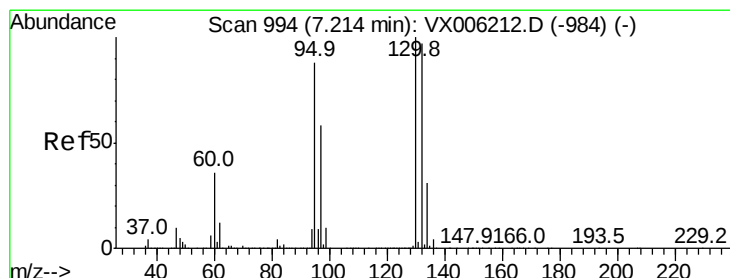
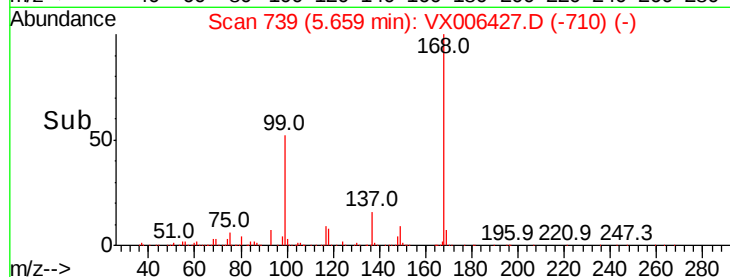
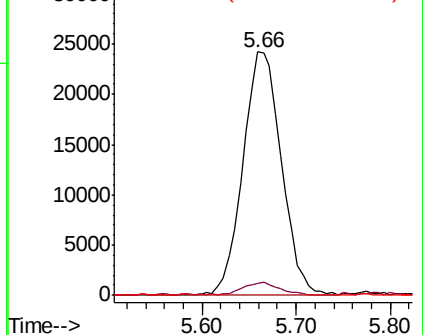
121 0.5 24.6 37.0#



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



#44

Trichloroethene

Concen: 63.443 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006427.D

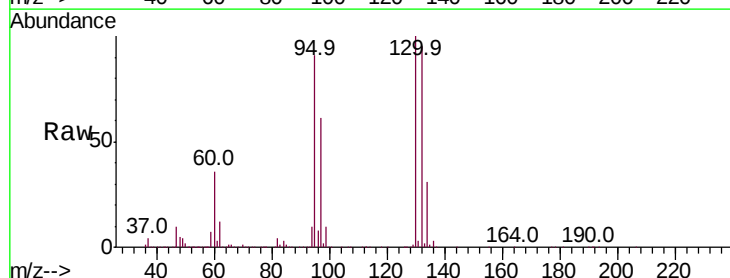
Acq: 11 Dec 2018 18:11

Tgt Ion:130 Resp: 573411

Ion Ratio Lower Upper

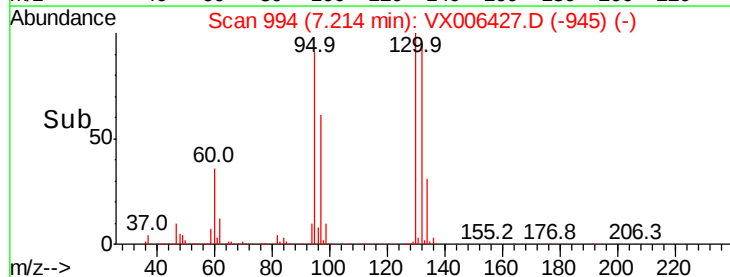
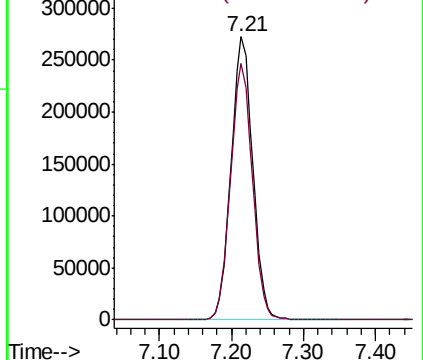
130 100

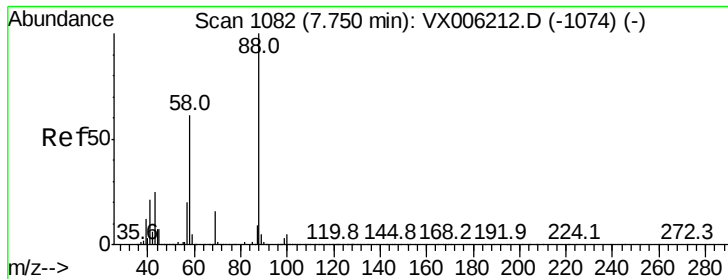
95 90.8 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

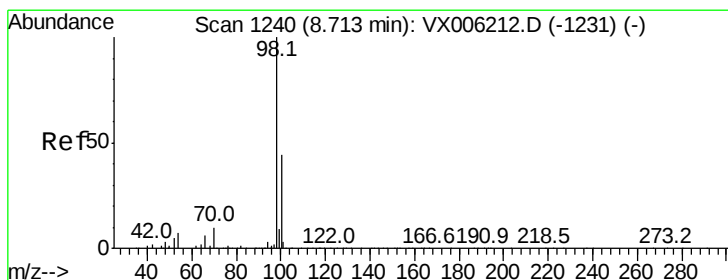
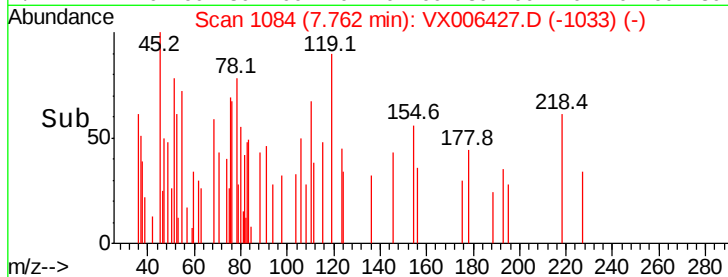
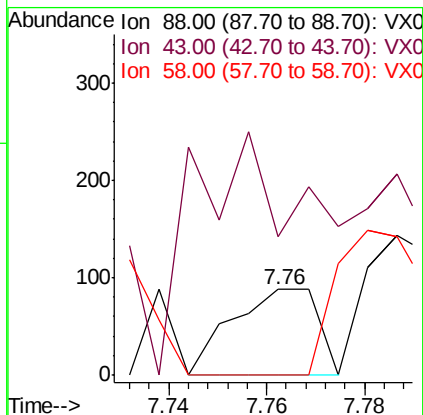
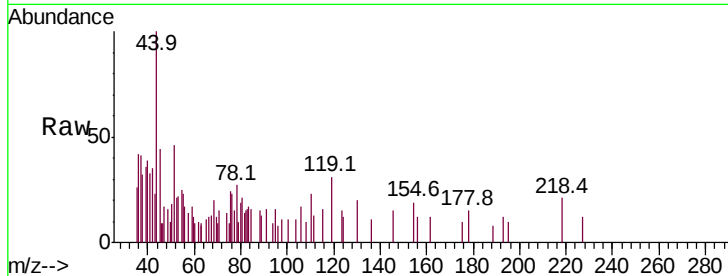




#49
1,4-Dioxane
Concen: 0.480 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX006427.D
Acq: 11 Dec 2018 18:11

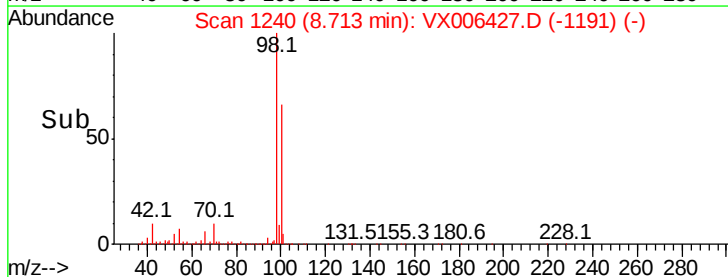
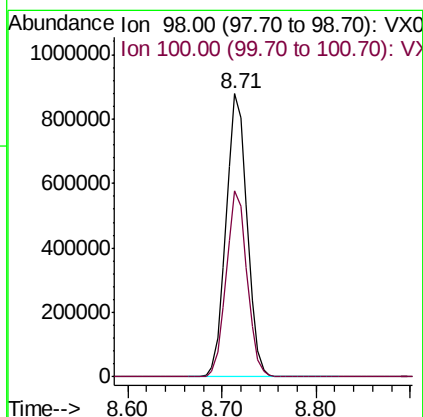
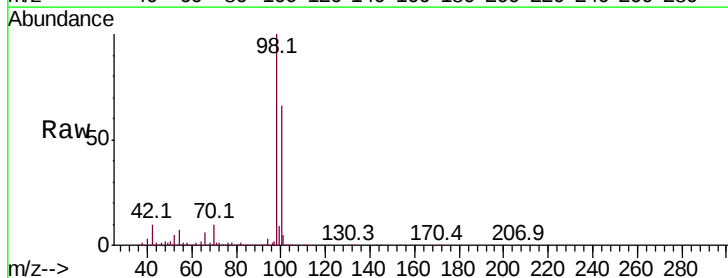
Instrument :
MSVOA_X
ClientSampleId :

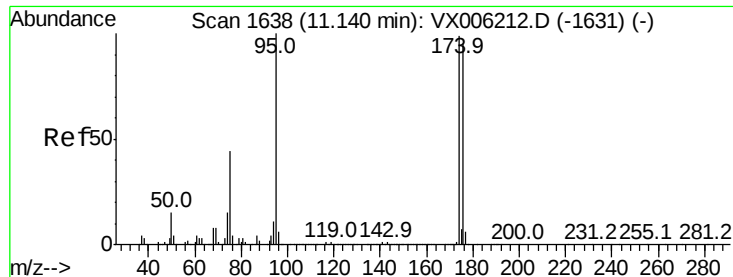
Tot Ion	Ratio	Lower	Upper
88	100		
43	386.9	23.2	34.8#
58	0.0	51.4	77.0#



#50
Toluene-d8
Concen: 48.815 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006427.D
Acq: 11 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2

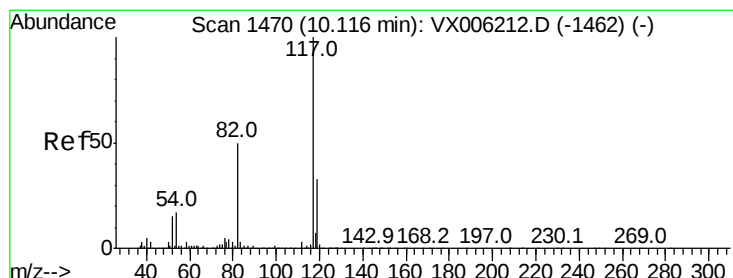
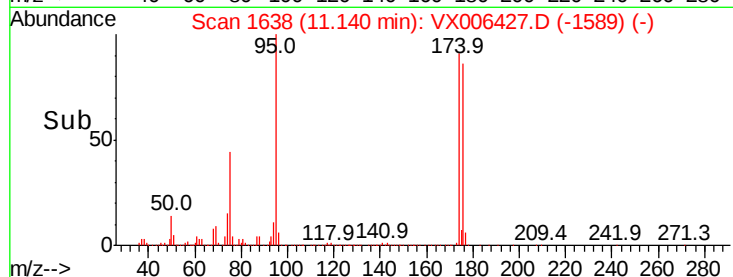
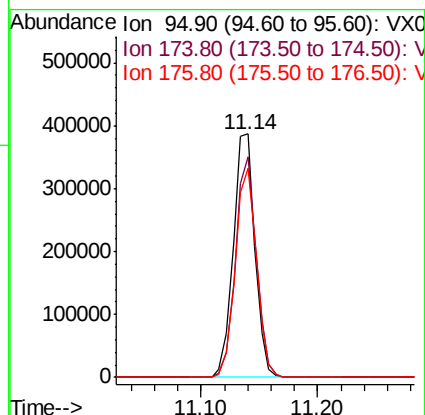
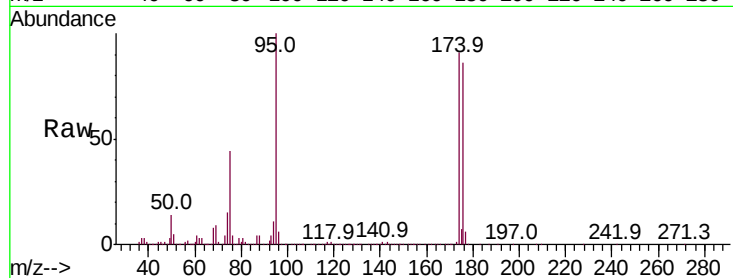




#62
4-Bromofluorobenzene
Concen: 47.827 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006427.D
Acq: 11 Dec 2018 18:11

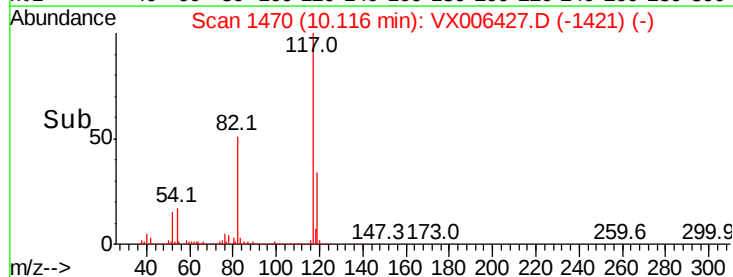
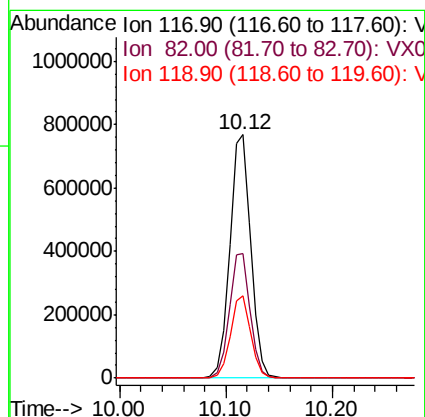
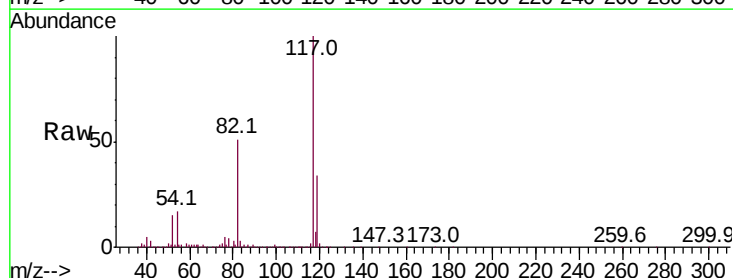
Instrument :
MSVOA_X
ClientSampleId :

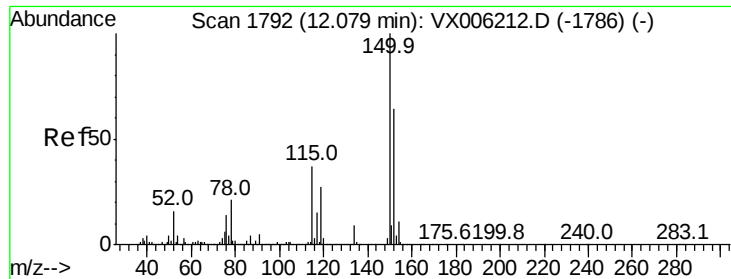
Tot Ion: 95 Resp: 502083
Ion Ratio Lower Upper
95 100
174 87.6 0.0 187.0
176 84.4 0.0 181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006427.D
Acq: 11 Dec 2018 18:11

Tgt Ion: 117 Resp: 1057616
Ion Ratio Lower Upper
117 100
82 51.3 39.6 59.4
119 33.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006427.D

Acq: 11 Dec 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

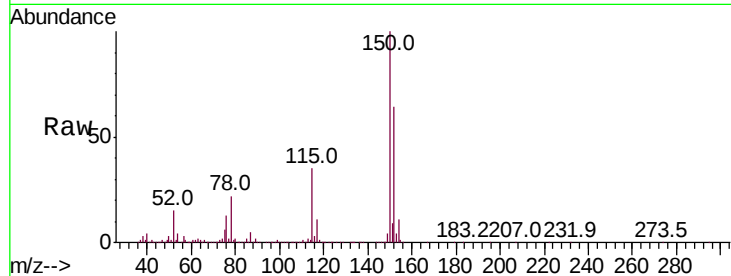
Tot Ion:152 Resp: 510569

Ion Ratio Lower Upper

152 100

115 55.9 39.0 116.9

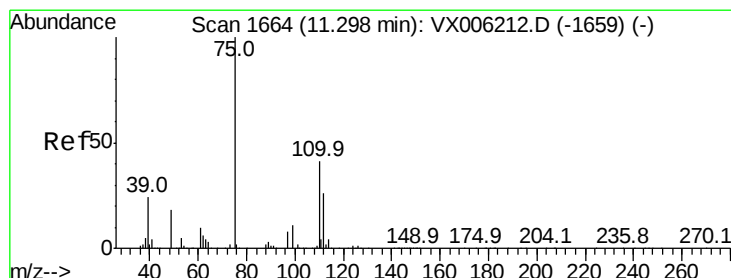
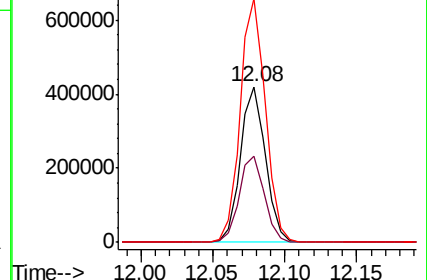
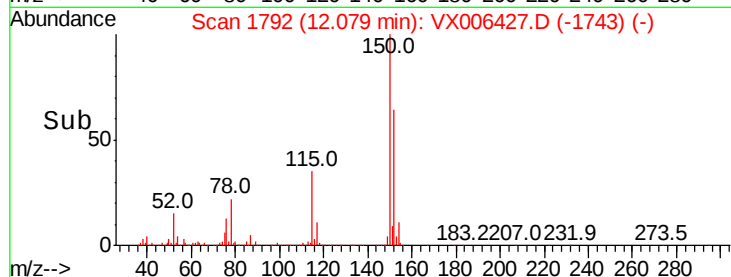
150 157.0 0.0 345.8



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: 23.236 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006427.D

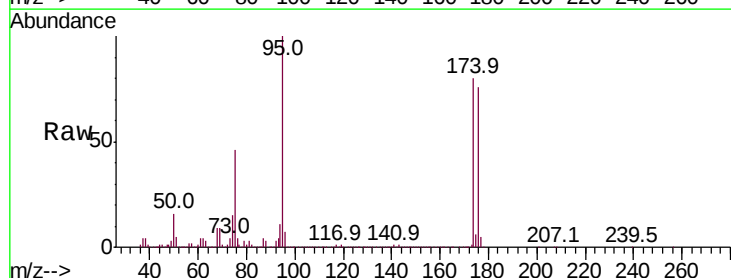
Acq: 11 Dec 2018 18:11

Tgt Ion: 75 Resp: 228986

Ion Ratio Lower Upper

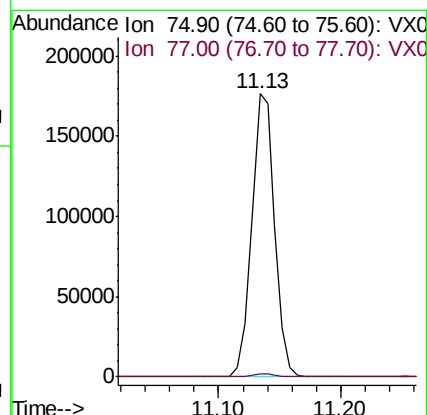
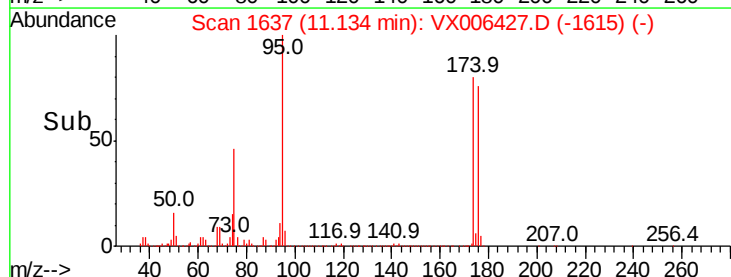
75 100

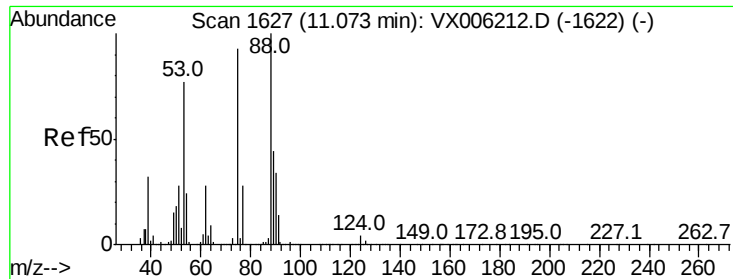
77 1.3 19.9 59.7#



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: 54.528 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006427.D

Acq: 11 Dec 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 228986

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.2 44.2 66.4#

