

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
 Data File : VX006810.D
 Acq On : 26 Dec 2018 11:37
 Operator : JC/MD
 Sample : VX1226MBL01
 Misc : 5.0g/10mL/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBL01

Quant Time: Dec 27 03:01:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	697298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1037426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	939950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	469146	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	352522	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	5.50	113	312505	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	8.71	98	1215680	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.13	95	432577	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	

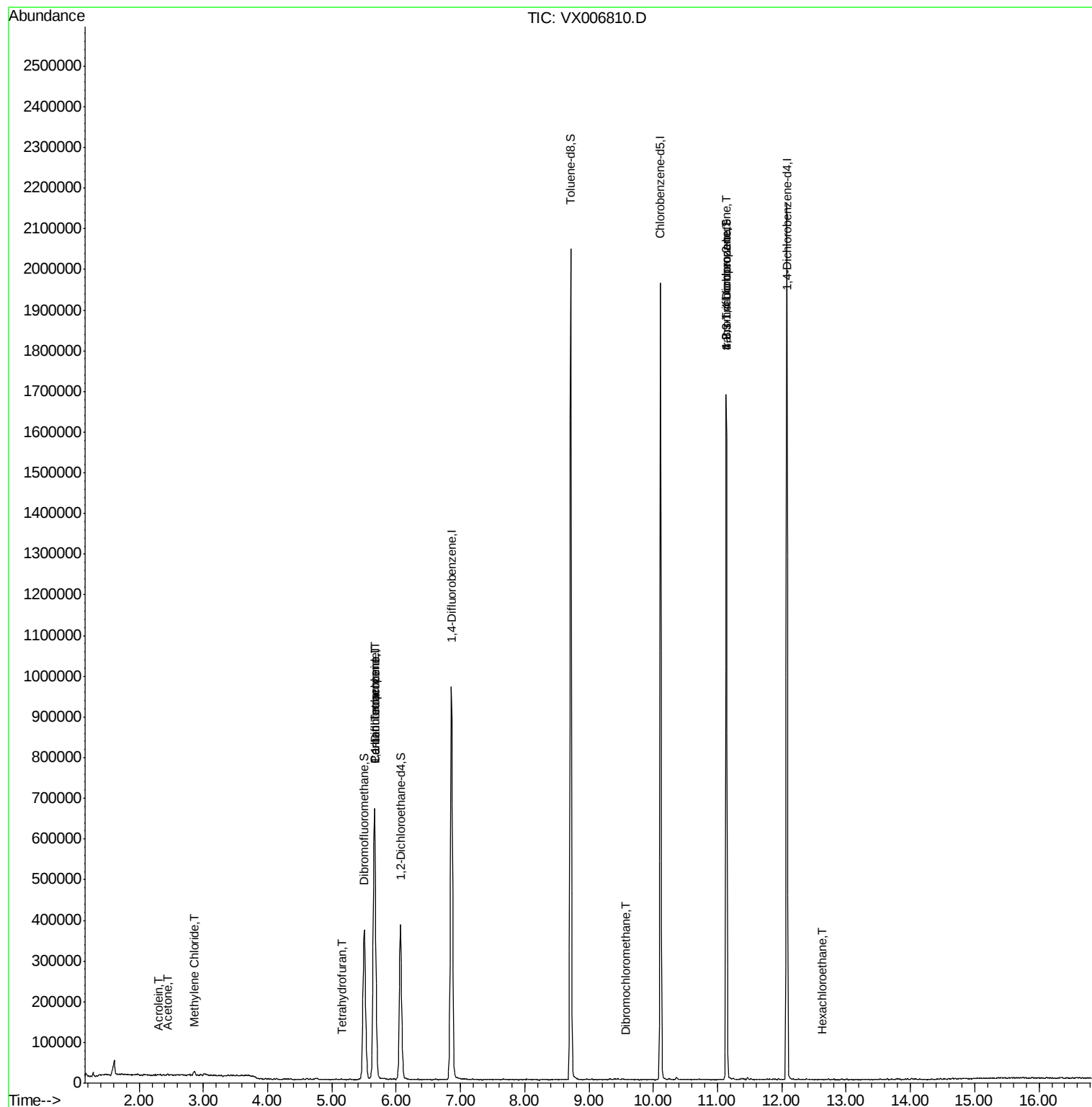
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	758	Below Cal	#	50
13) Acrolein	2.30	56	334	0.295	ug/l #	13
16) Acetone	2.45	43	1000	0.290	ug/l #	1
20) Methylene Chloride	2.86	84	5130	0.719	ug/l	90
28) Bromochloromethane	5.01	49	338	Below Cal	#	12
29) Tetrahydrofuran	5.16	42	790	0.247	ug/l #	71
36) 1,1-Dichloropropene	5.66	75	43708	5.087	ug/l #	48
38) Carbon Tetrachloride	5.66	117	61229	7.333	ug/l #	13
49) 1,4-Dioxane	7.75	88	207	Below Cal	#	33
60) Dibromochloromethane	9.57	129	63	2.332	ug/l	81
76) 1,2,3-Trichloropropane	11.13	75	207157	23.760	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	207157	70.420	ug/l #	10
90) Hexachloroethane	12.62	117	75	3.309	ug/l	78

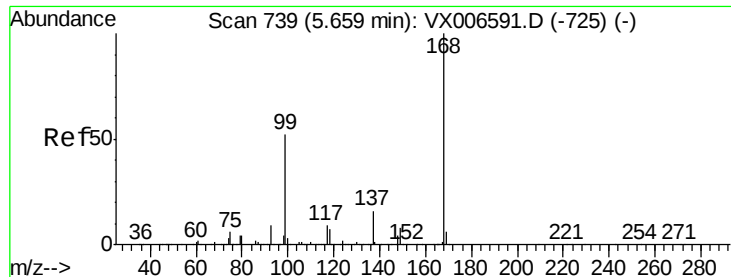
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006810.D

Acq: 26 Dec 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

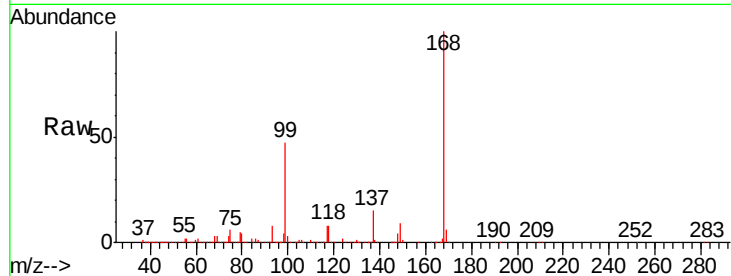
VX1226MBL01

Tgt Ion:168 Resp: 697298

Ion Ratio Lower Upper

168 100

99 46.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006810.D (-690) (-)

Ion 98.90 (98.60 to 99.60): VX006810.D (-690) (-)

5.67

250000

200000

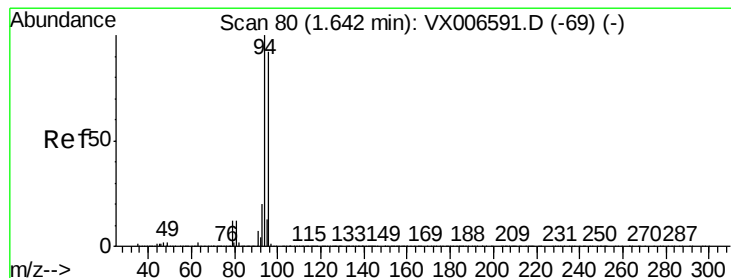
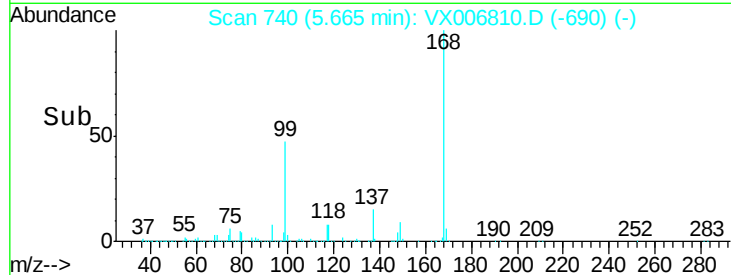
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006810.D

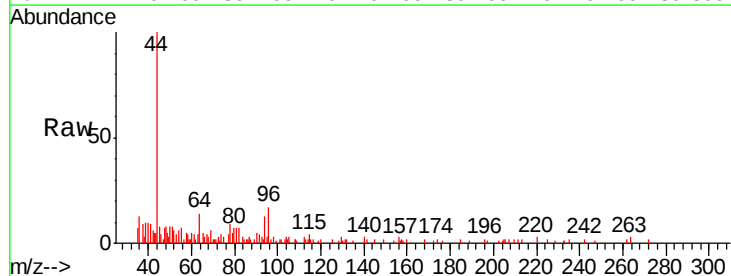
Acq: 26 Dec 2018 11:37

Tgt Ion: 94 Resp: 758

Ion Ratio Lower Upper

94 100

96 139.1 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX006810.D (-31) (-)

Ion 95.90 (95.60 to 96.60): VX006810.D (-31) (-)

1.65

800

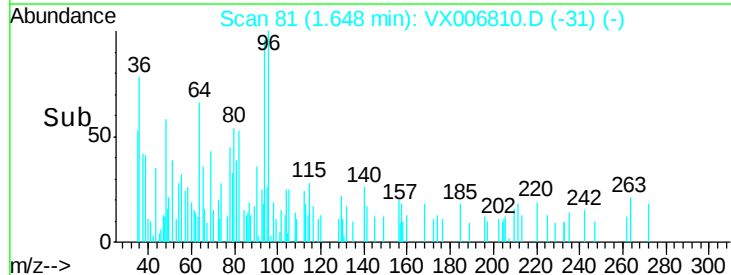
600

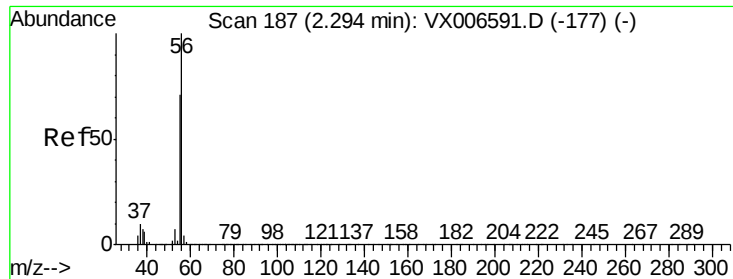
400

200

0

Time-->

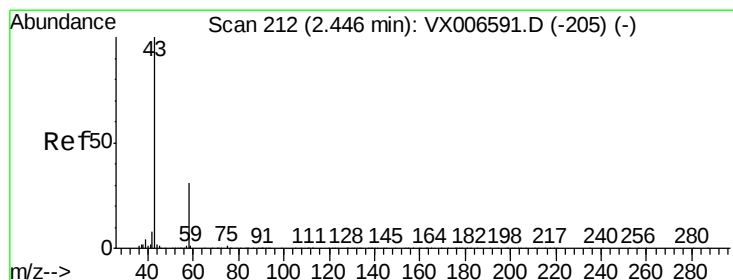
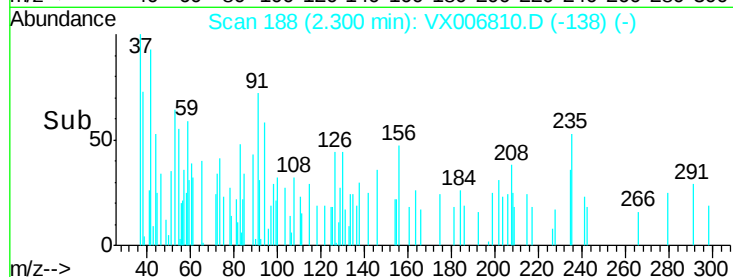
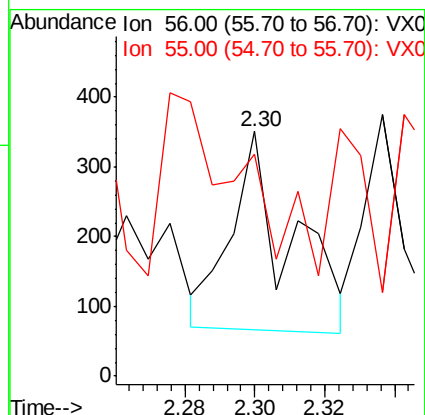
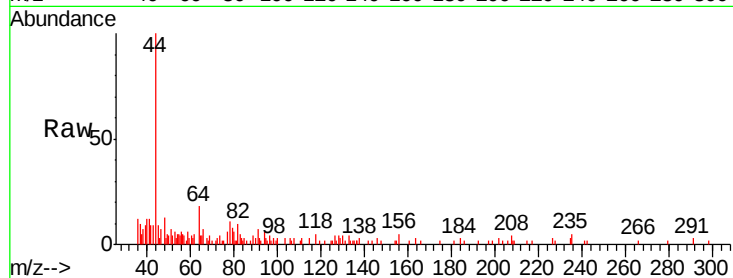




#13
Acrolein
Concen: 0.295 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006810.D
Acq: 26 Dec 2018 11:37

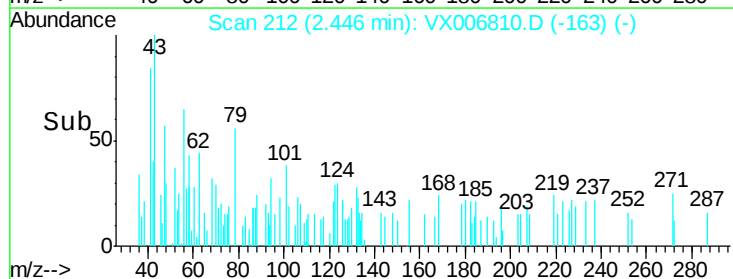
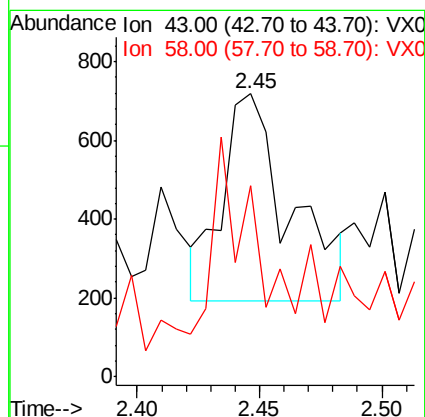
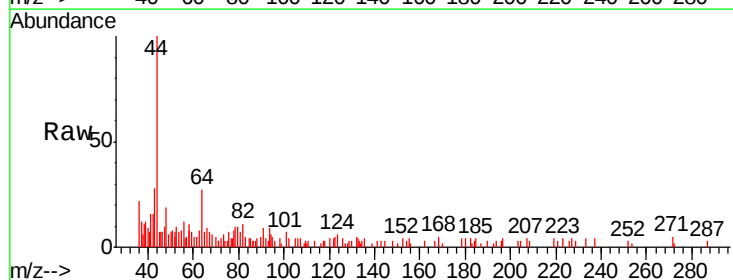
Instrument :
MSVOA_X
ClientSampled :
VX1226MBL01

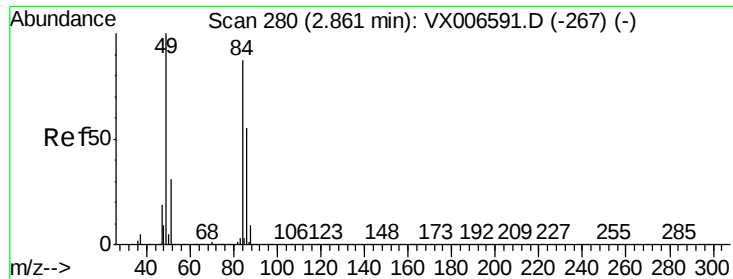
Tgt Ion: 56 Resp: 334
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.4#



#16
Acetone
Concen: 0.290 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006810.D
Acq: 26 Dec 2018 11:37

Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
58 97.4 25.0 37.6#

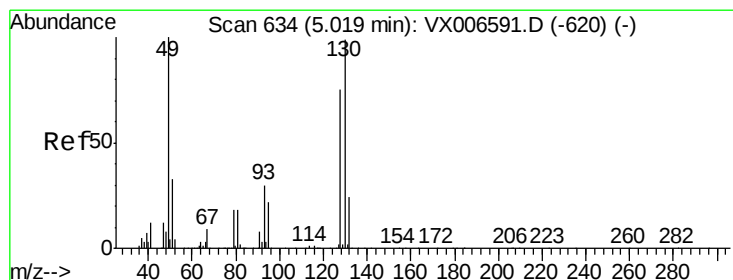
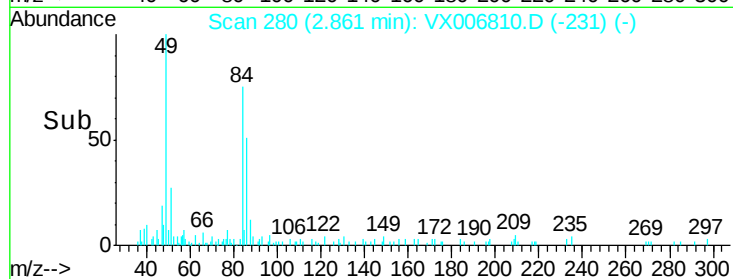
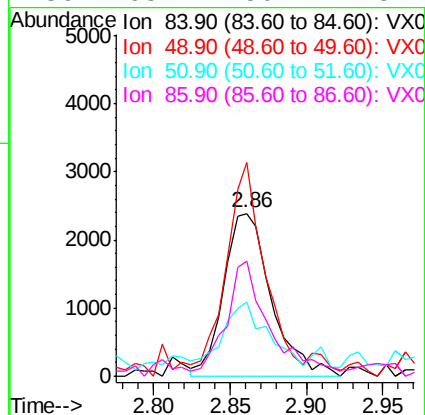
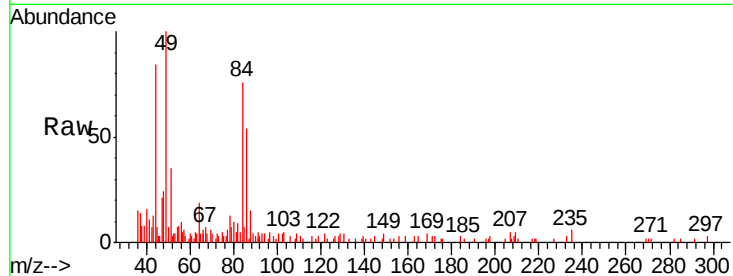




#20
Methylene Chloride
Concen: 0.719 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006810.D
Acq: 26 Dec 2018 11:37

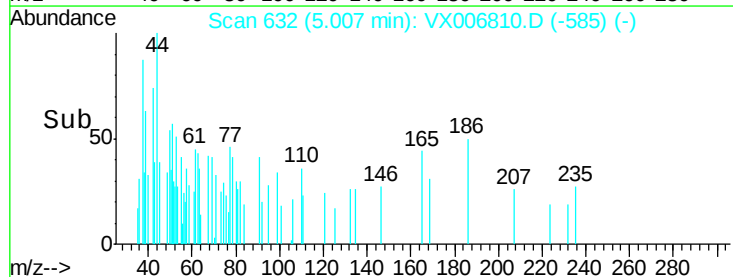
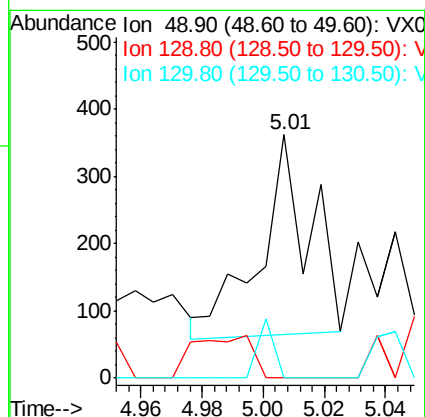
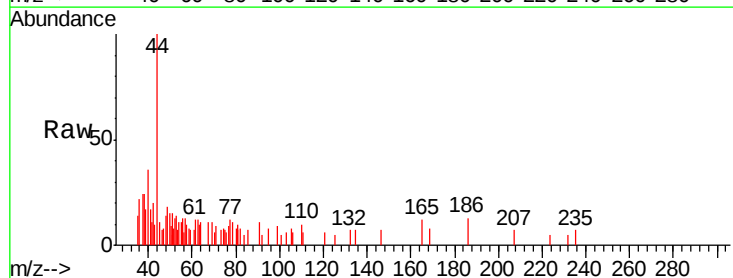
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBL01

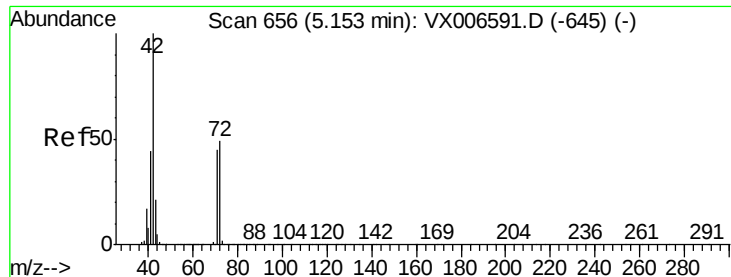
Tgt Ion:	84	Resp:	5130
Ion	Ratio	Lower	Upper
84	100		
49	128.1	91.8	137.6
51	40.3	28.5	42.7
86	68.1	50.2	75.2



#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX006810.D
Acq: 26 Dec 2018 11:37

Tgt Ion:	49	Resp:	338
Ion	Ratio	Lower	Upper
49	100		
129	24.6	0.0	5.4#
130	9.8	77.7	116.5#

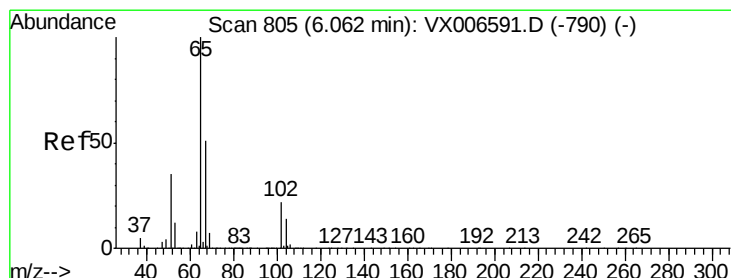
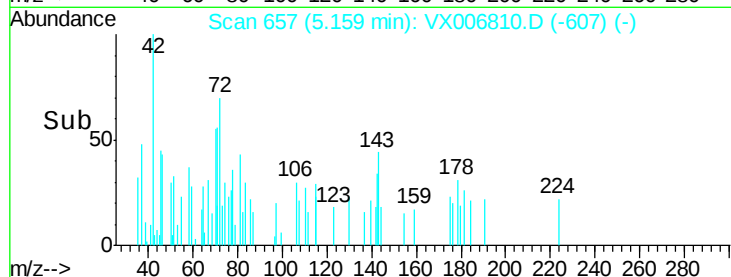
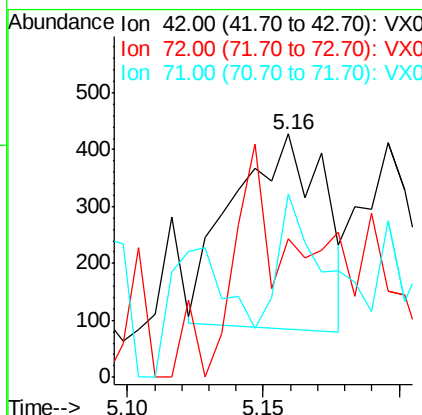
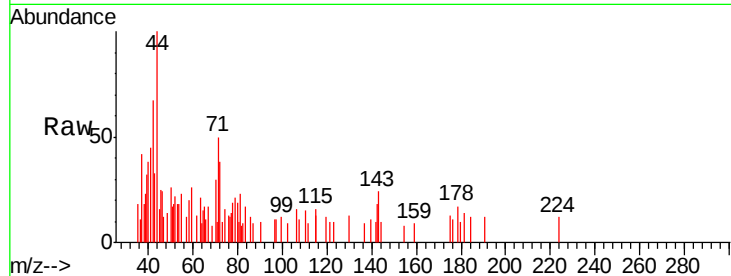




#29
Tetrahydrofuran
Concen: 0.247 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006810.D
Acq: 26 Dec 2018 11:37

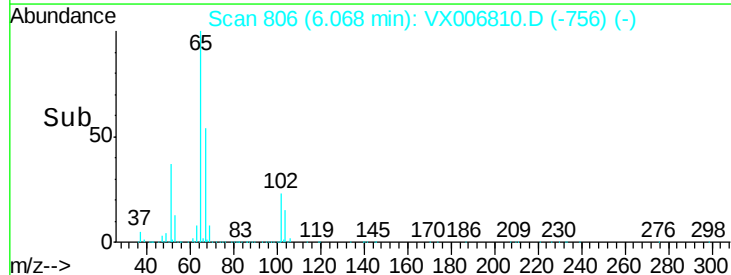
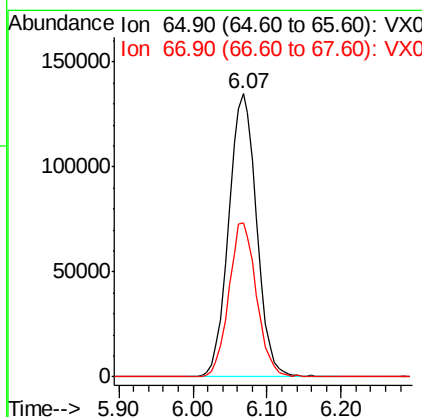
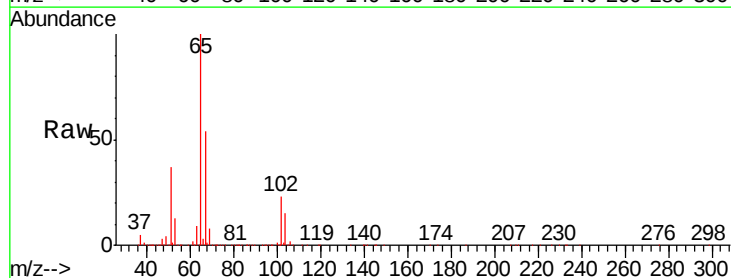
Instrument :
MSVOA_X
ClientSampled :
VX1226MBL01

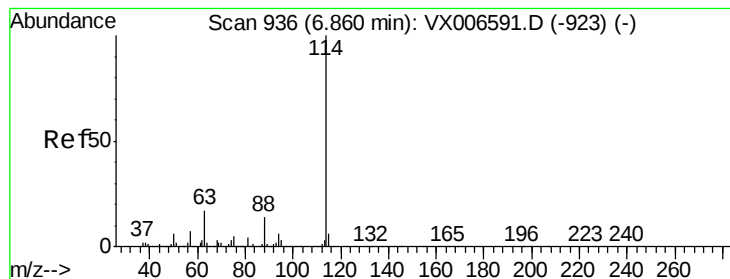
Tgt Ion: 42 Resp: 790
Ion Ratio Lower Upper
42 100
72 69.5 38.9 58.3#
71 62.8 36.2 54.4#



#33
1,2-Dichloroethane-d4
Concen: 46.908 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006810.D
Acq: 26 Dec 2018 11:37

Tgt Ion: 65 Resp: 352522
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006810.D

Acq: 26 Dec 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBL01

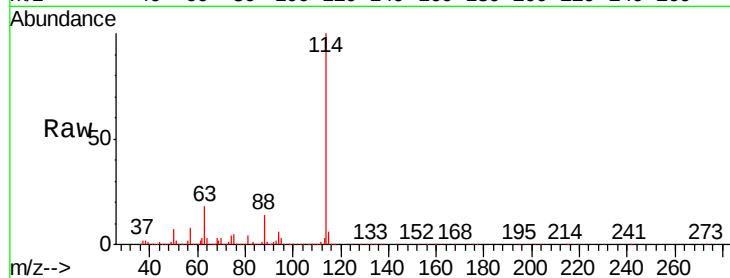
Tgt Ion:114 Resp: 1037426

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.8

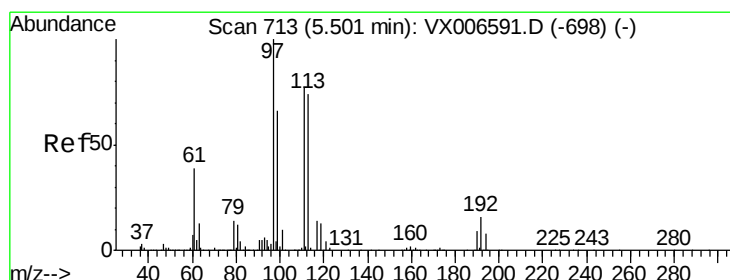
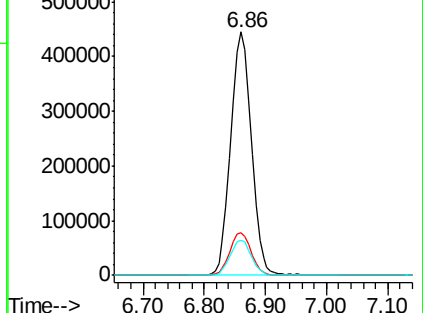
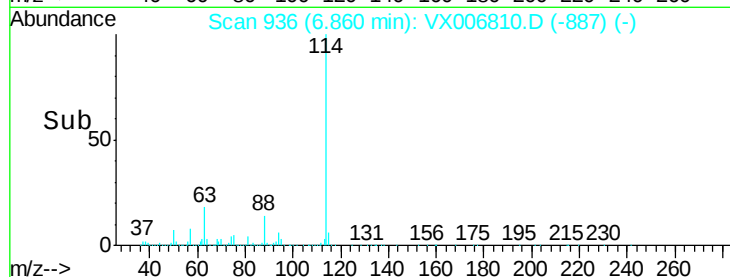
88 14.5 0.0 28.8



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: 47.634 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006810.D

Acq: 26 Dec 2018 11:37

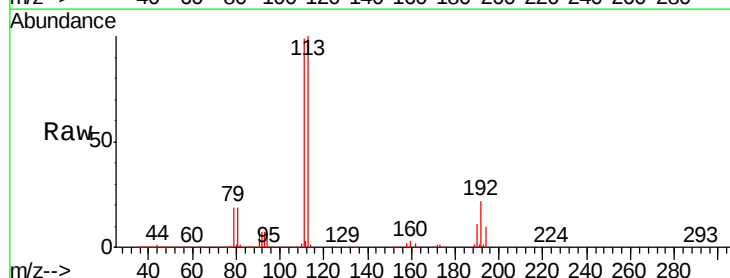
Tgt Ion:113 Resp: 312505

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

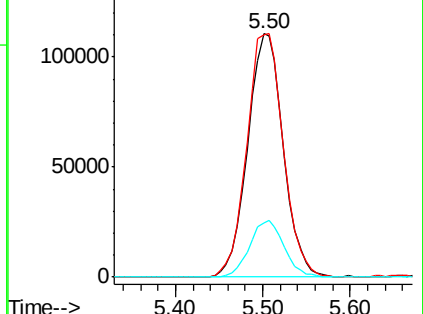
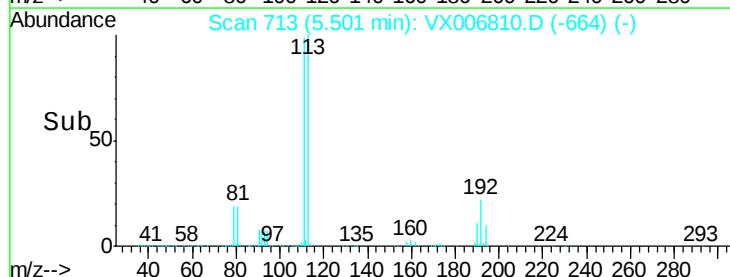
192 22.7 16.7 25.1

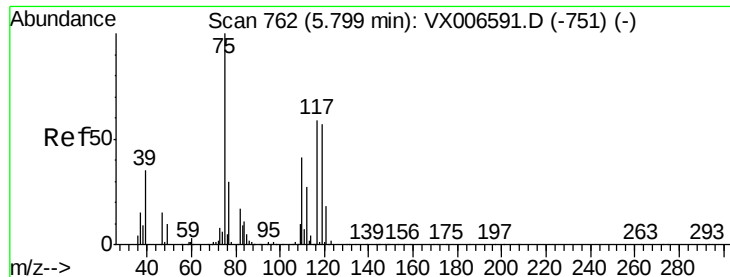


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

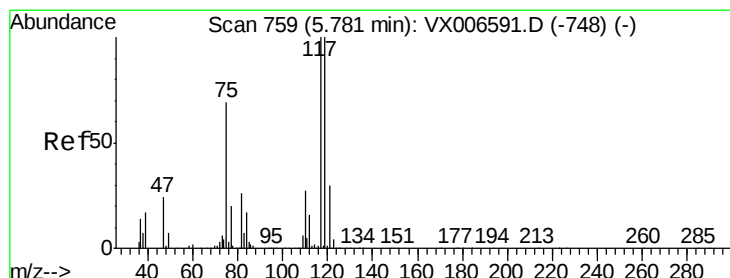
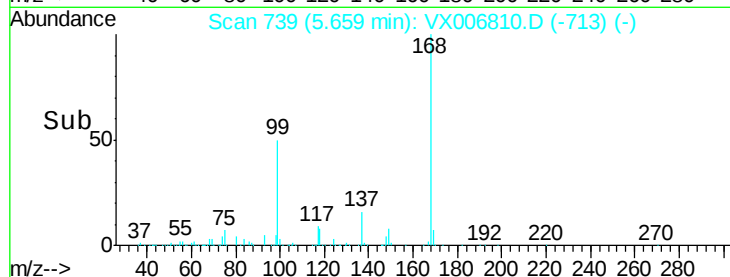
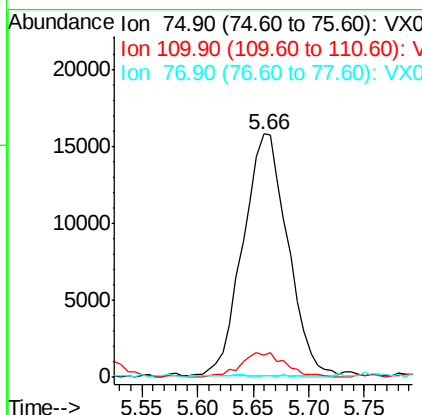
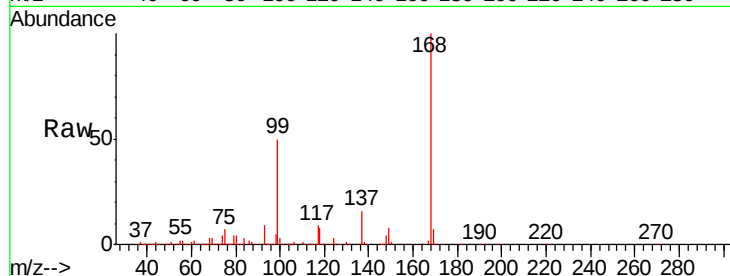




#36
 1,1-Dichloropropene
 Concen: 5.087 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006810.D
 Acq: 26 Dec 2018 11:37

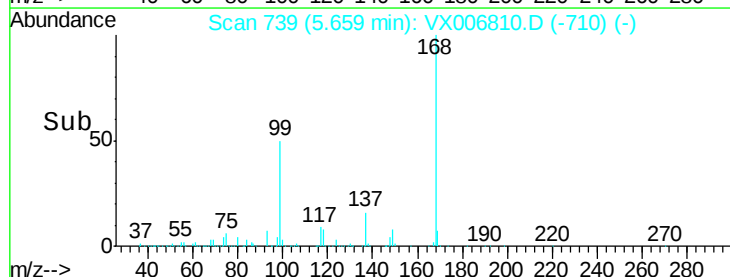
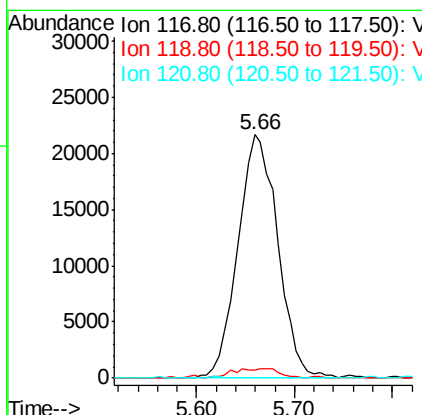
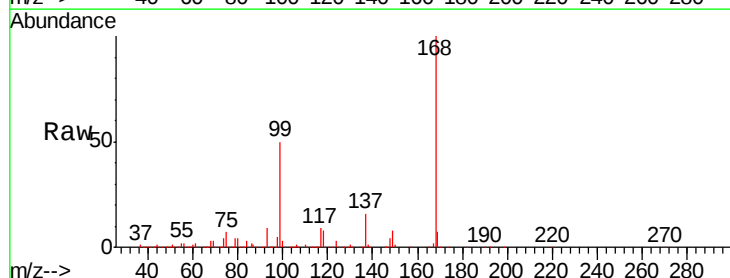
Instrument :
 MSVOA_X
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 VX1226MBL01

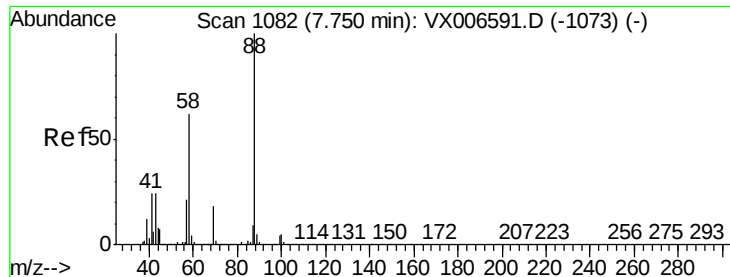
Tgt Ion: 75 Resp: 43708
 Ion Ratio Lower Upper
 75 100
 110 10.3 20.2 60.5#
 77 0.3 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 7.333 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX006810.D
 Acq: 26 Dec 2018 11:37

Tgt Ion: 117 Resp: 61229
 Ion Ratio Lower Upper
 117 100
 119 3.6 79.4 119.2#
 121 0.0 24.0 36.0#

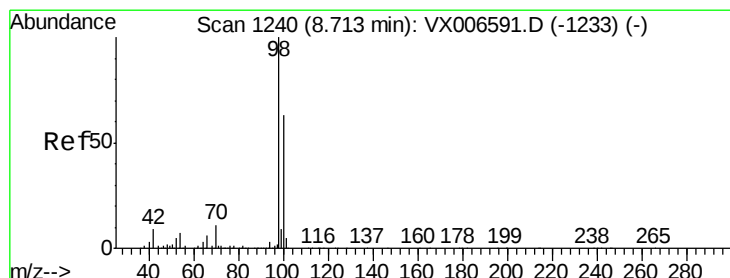
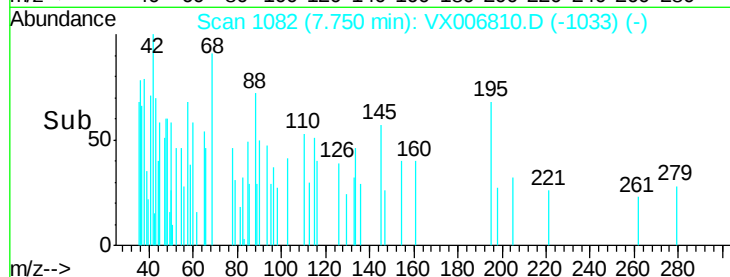
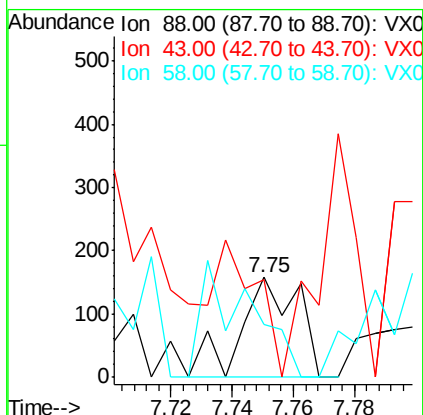
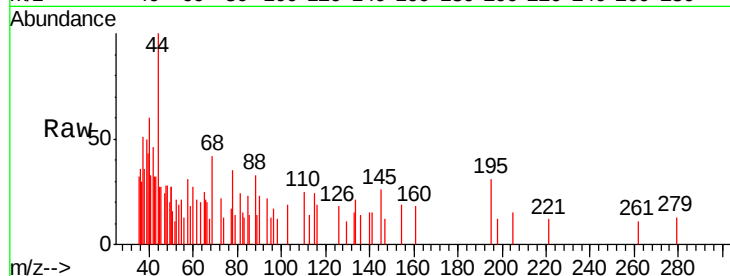




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006810.D
Acq: 26 Dec 2018 11:37

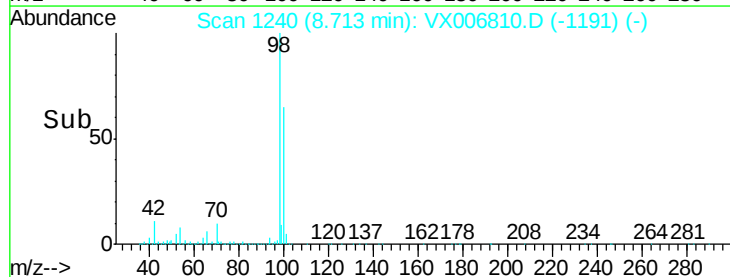
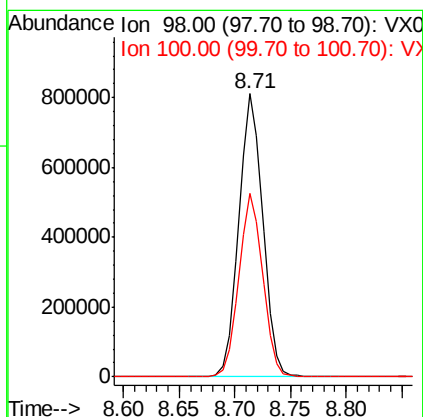
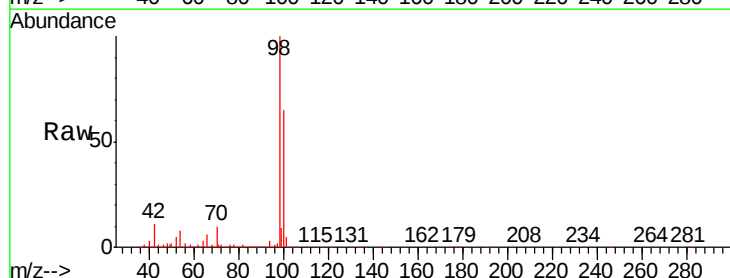
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBL01

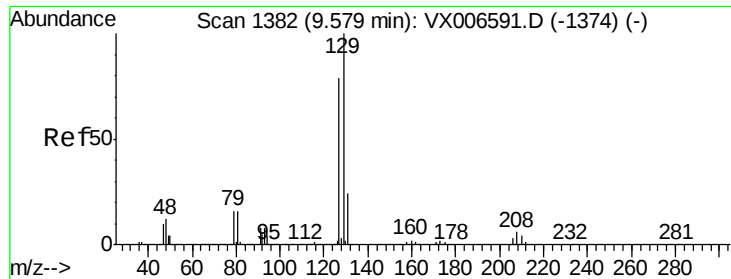
Tgt Ion: 88 Resp: 207
Ion Ratio Lower Upper
88 100
43 90.3 22.2 33.4#
58 98.6 51.0 76.4#



#50
Toluene-d8
Concen: 49.152 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006810.D
Acq: 26 Dec 2018 11:37

Tgt Ion: 98 Resp: 1215680
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#60

Dibromochloromethane

Concen: 2.332 ug/l

RT: 9.57 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VX006810.D

Acq: 26 Dec 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBL01

Tgt Ion:129 Resp: 63

Ion Ratio Lower Upper

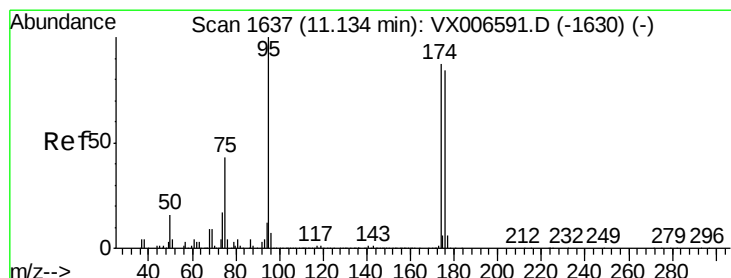
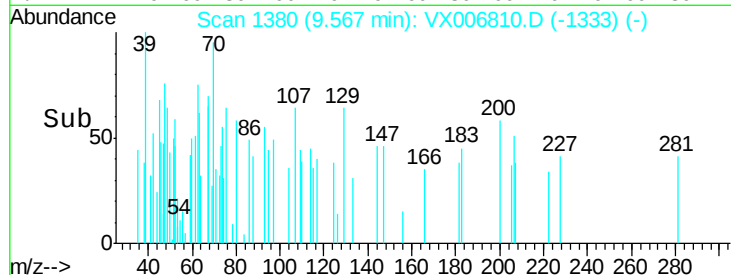
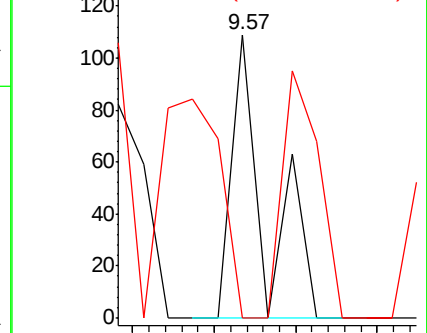
129 100

127 95.2 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 47.755 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006810.D

Acq: 26 Dec 2018 11:37

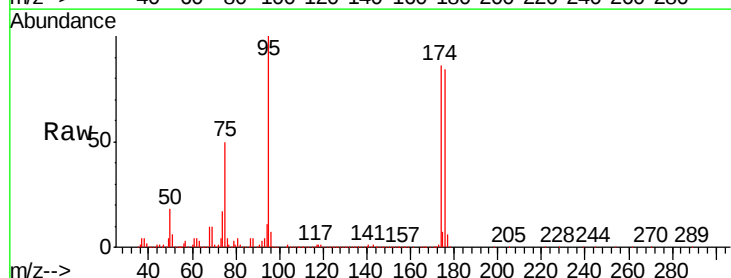
Tgt Ion: 95 Resp: 432577

Ion Ratio Lower Upper

95 100

174 93.3 0.0 182.2

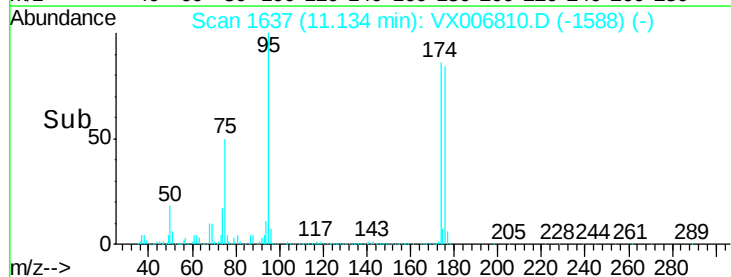
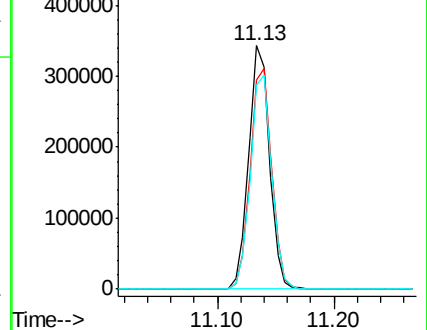
176 90.1 0.0 178.8

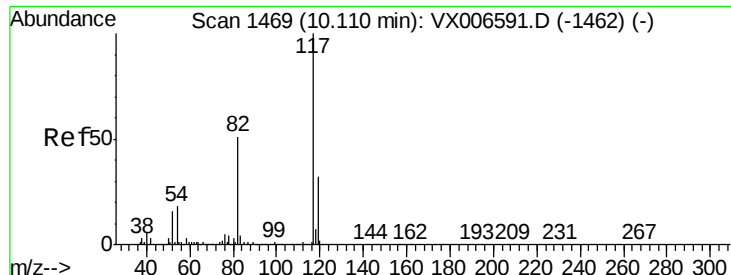


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

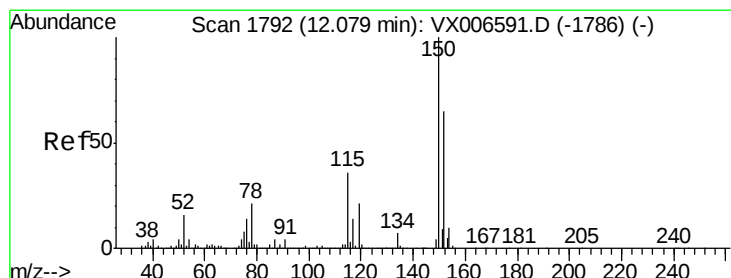
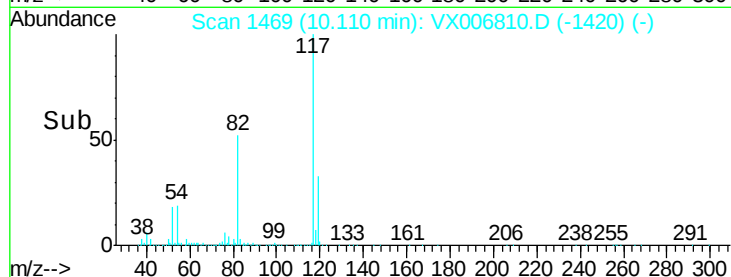
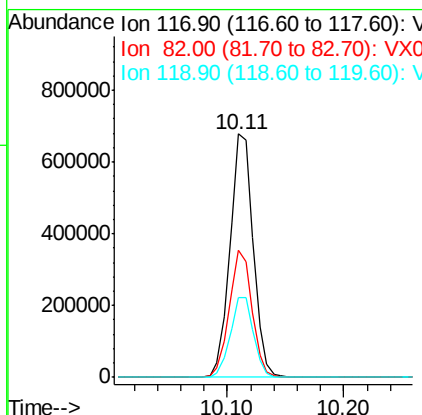
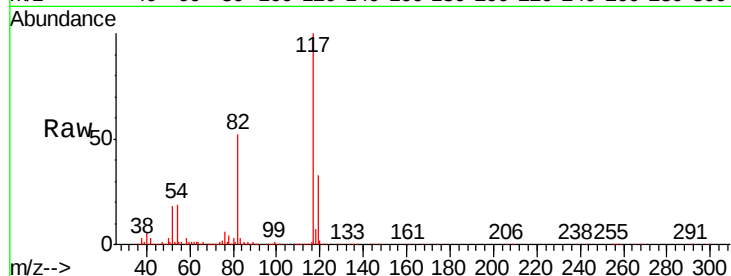




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006810.D
Acq: 26 Dec 2018 11:37

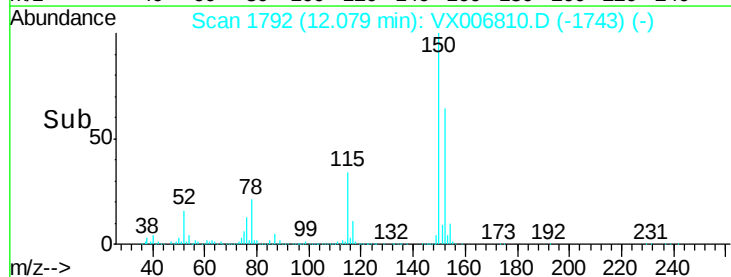
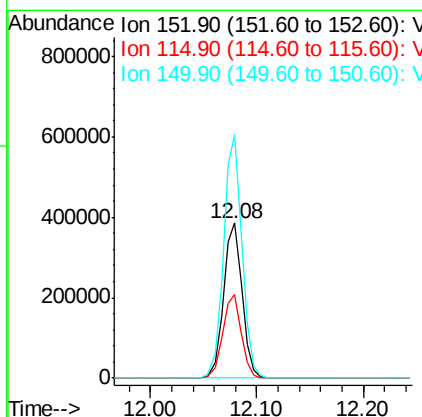
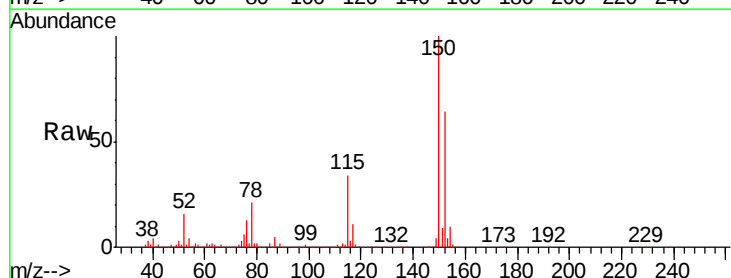
Instrument :
MSVOA_X
ClientSampled :
VX1226MBL01

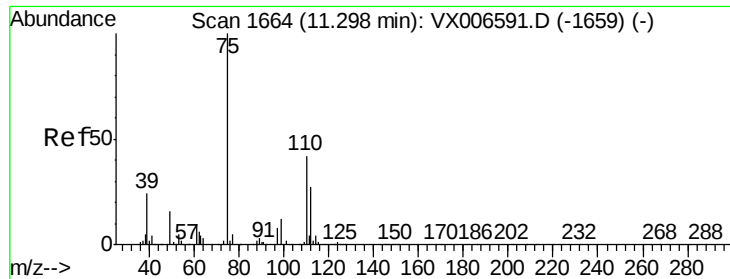
Tgt Ion:117 Resp: 939950
Ion Ratio Lower Upper
117 100
82 52.1 41.0 61.6
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006810.D
Acq: 26 Dec 2018 11:37

Tgt Ion:152 Resp: 469146
Ion Ratio Lower Upper
152 100
115 53.8 39.1 117.2
150 155.4 0.0 344.8





#76

1,2,3-Trichloropropane

Concen: 23.760 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006810.D

Acq: 26 Dec 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

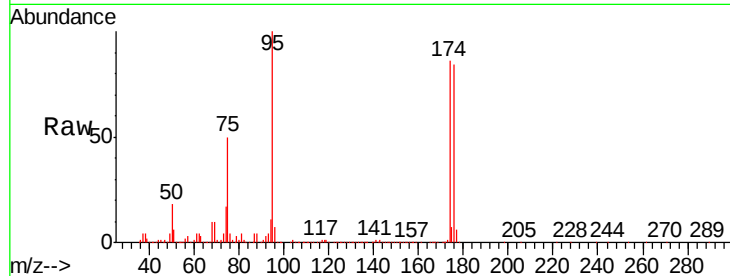
VX1226MBL01

Tgt Ion: 75 Resp: 207157

Ion Ratio Lower Upper

75 100

77 1.2 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

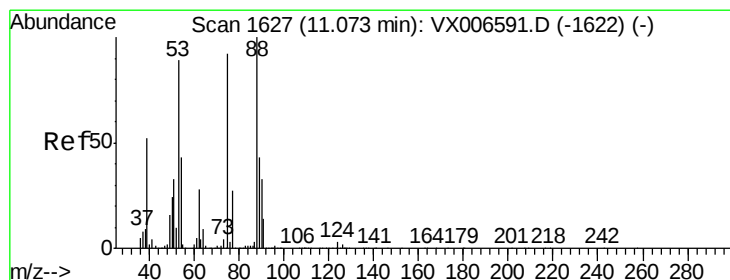
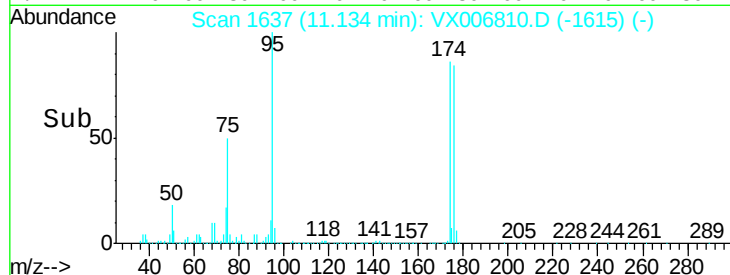
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 70.420 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006810.D

Acq: 26 Dec 2018 11:37

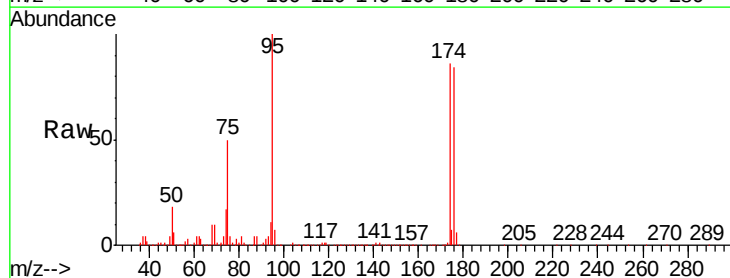
Tgt Ion: 75 Resp: 207157

Ion Ratio Lower Upper

75 100

53 0.0 79.7 119.5#

89 0.0 38.0 57.0#



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

11.13

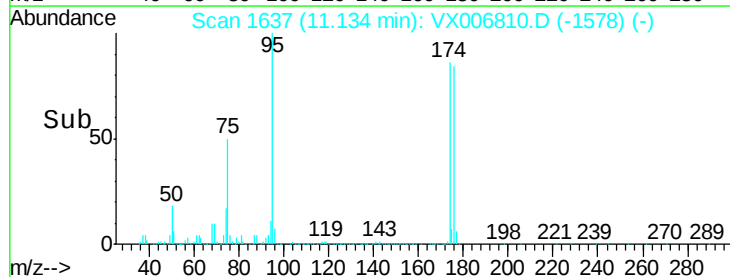
150000

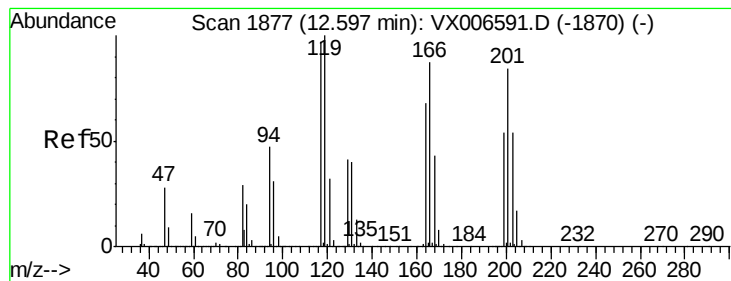
100000

50000

0

Time-->





#90

Hexachloroethane

Concen: 3.309 ug/l

RT: 12.62 min Scan# 1881

Delta R.T. 0.03 min

Lab File: VX006810.D

Acq: 26 Dec 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBL01

Tgt Ion:117 Resp: 75

Ion Ratio Lower Upper

117 100

201 65.3 42.9 128.7

