

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
 Data File : VX006825.D
 Acq On : 26 Dec 2018 18:15
 Operator : JC/MD
 Sample : J6404-03
 Misc : 18.92g/5mL/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPIDW01-121218-N

Quant Time: Dec 27 03:06:25 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	5.65	168	642222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	940016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	855683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	447029	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	313852	45.34	ug/l	0.00
Spiked Amount			Recovery	=	90.68%	
35) Dibromofluoromethane	5.50	113	268482	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	
50) Toluene-d8	8.71	98	1096435	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.14	95	407370	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	

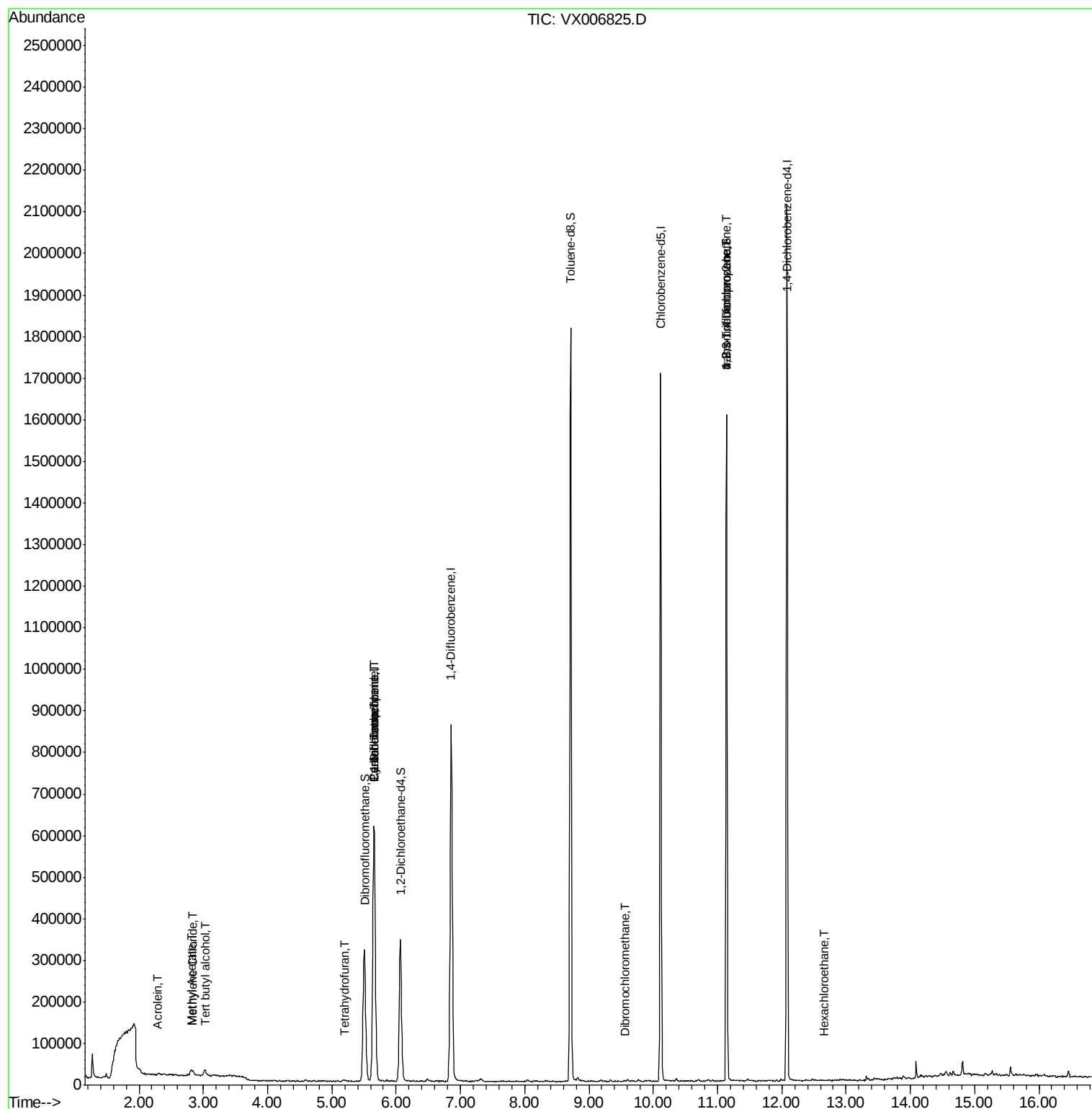
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1417	Below Cal	#	72
11) Tert butyl alcohol	3.03	59	9032	5.847	ug/l #	88
13) Acrolein	2.28	56	433	0.416	ug/l	91
18) Methyl Acetate	2.81	43	17968	1.922	ug/l	97
20) Methylene Chloride	2.84	84	3983	0.606	ug/l #	83
28) Bromochloromethane	5.03	49	251	Below Cal	#	1
29) Tetrahydrofuran	5.20	42	3542	1.202	ug/l #	64
31) Cyclohexane	5.65	56	10414	1.087	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	40305	5.177	ug/l #	48
38) Carbon Tetrachloride	5.65	117	56211	7.429	ug/l #	15
49) 1,4-Dioxane	7.75	88	90	Below Cal	#	1
60) Dibromochloromethane	9.57	129	109	2.340	ug/l	66
76) 1,2,3-Trichloropropane	11.14	75	188189	22.652	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	188189	67.335	ug/l #	10
90) Hexachloroethane	12.66	117	40	3.302	ug/l	66

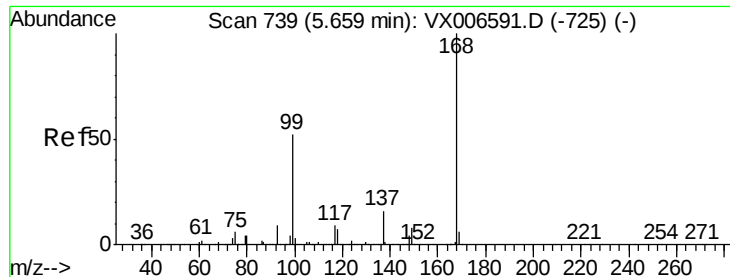
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
Data File : VX006825.D
Acq On : 26 Dec 2018 18:15
Operator : JC/MD
Sample : J6404-03
Misc : 18.92g/5mL/100ul/5.00mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CPIDW01-121218-N

Quant Time: Dec 27 03:06:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX006825.D

Acq: 26 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

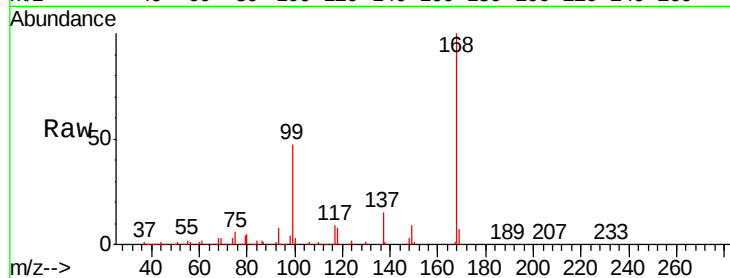
CPIDW01-121218-N

Tgt Ion:168 Resp: 642222

Ion Ratio Lower Upper

168 100

99 47.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

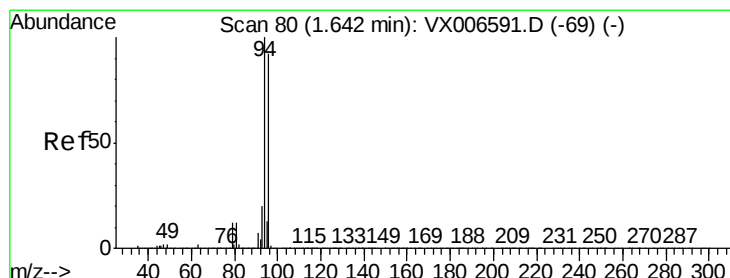
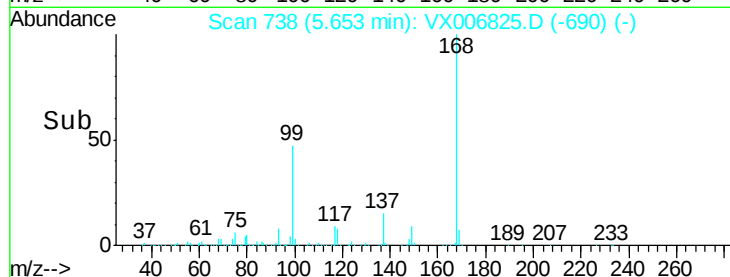
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006825.D

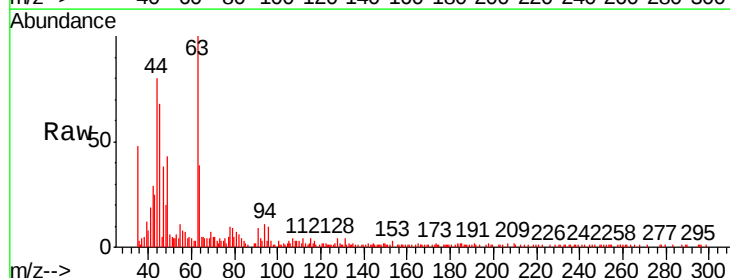
Acq: 26 Dec 2018 18:15

Tgt Ion: 94 Resp: 1417

Ion Ratio Lower Upper

94 100

96 118.8 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1200

1000

800

600

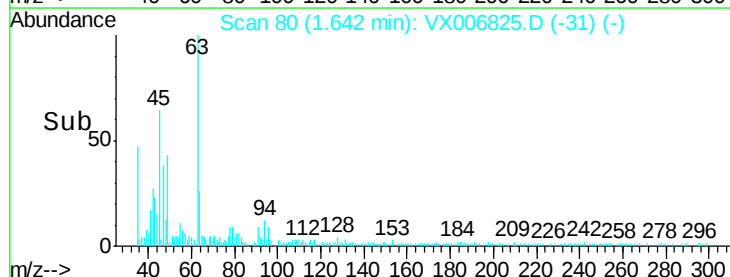
400

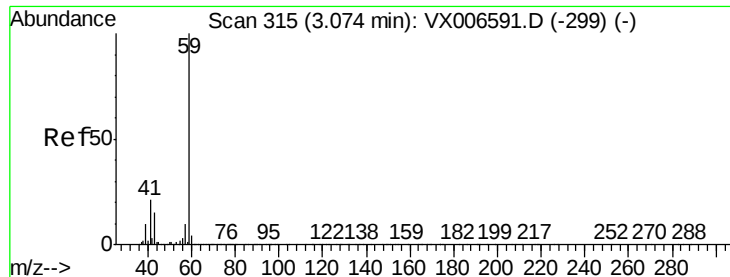
200

0

Time-->

1.60 1.65



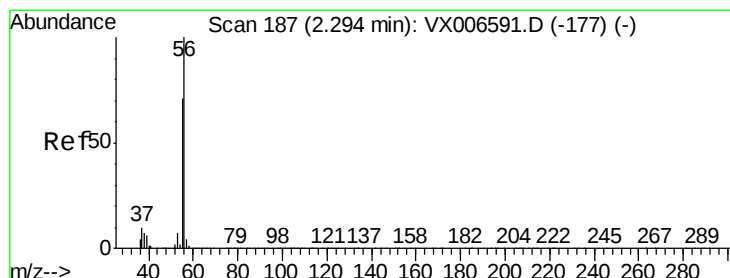
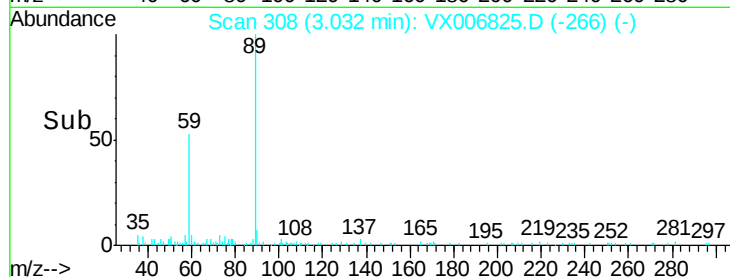
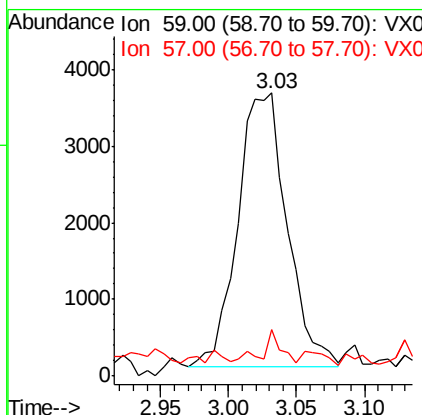
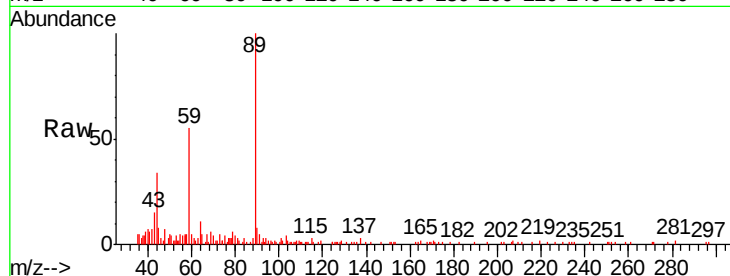


#11

Tert butyl alcohol
 Concen: 5.847 ug/l
 RT: 3.03 min Scan# 308
 Delta R.T. -0.04 min
 Lab File: VX006825.D
 Acq: 26 Dec 2018 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 CPIDW01-121218-N

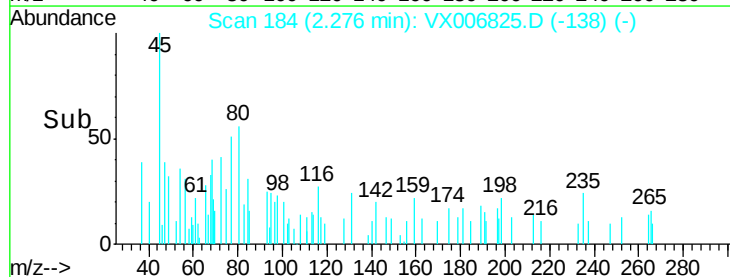
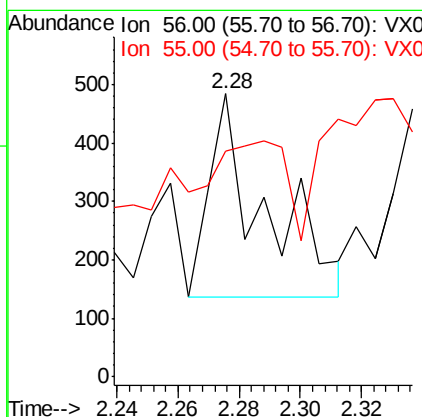
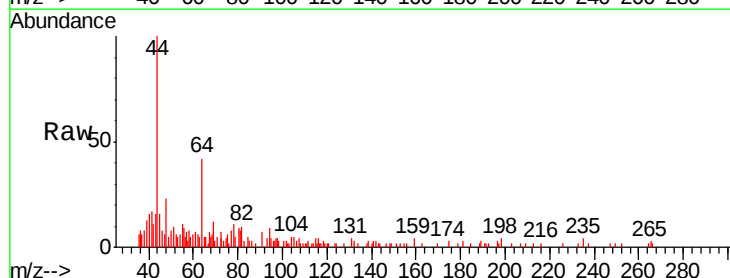
Tgt Ion: 59 Resp: 9032
 Ion Ratio Lower Upper
 59 100
 57 6.2 8.5 12.7#

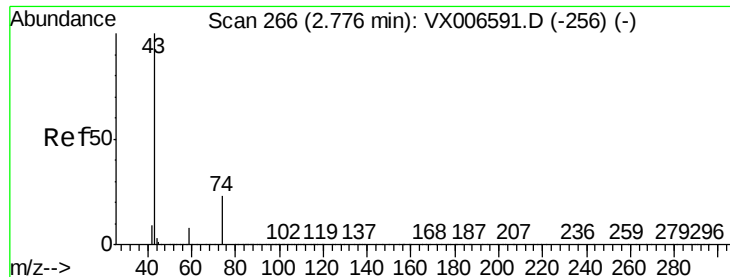


#13

Acrolein
 Concen: 0.416 ug/l
 RT: 2.28 min Scan# 184
 Delta R.T. -0.02 min
 Lab File: VX006825.D
 Acq: 26 Dec 2018 18:15

Tgt Ion: 56 Resp: 433
 Ion Ratio Lower Upper
 56 100
 55 80.1 58.2 87.4

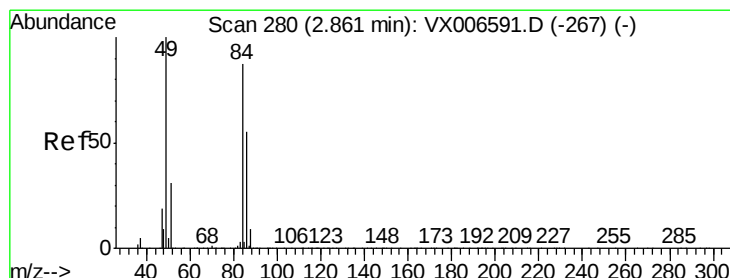
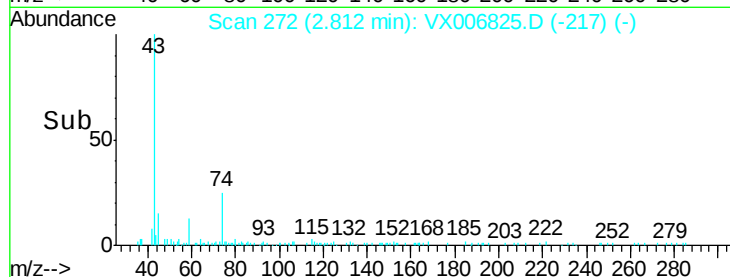
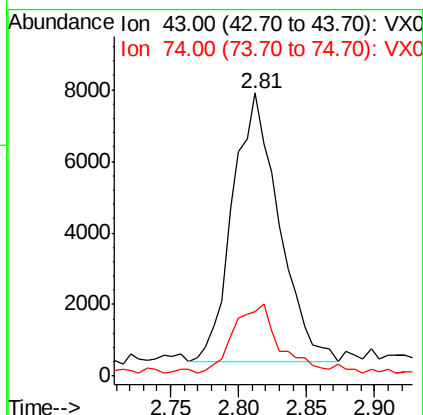
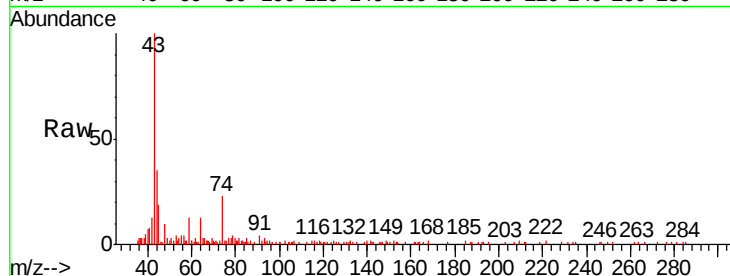




#18
Methyl Acetate
Concen: 1.922 ug/l
RT: 2.81 min Scan# 272
Delta R.T. 0.04 min
Lab File: VX006825.D
Acq: 26 Dec 2018 18:15

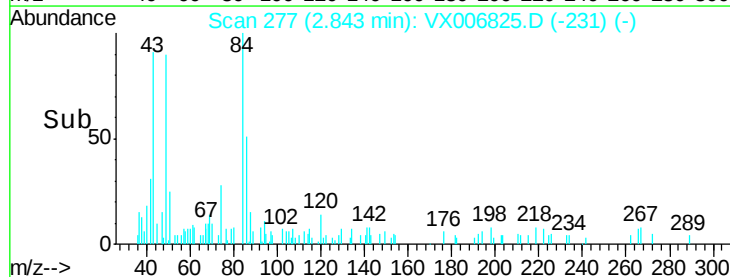
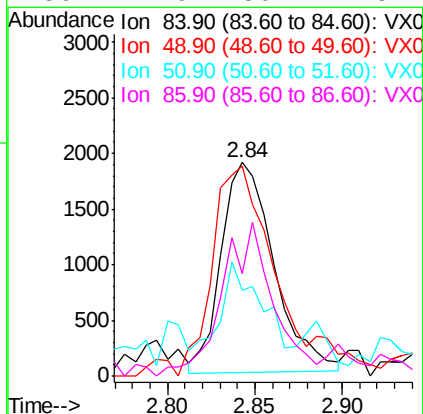
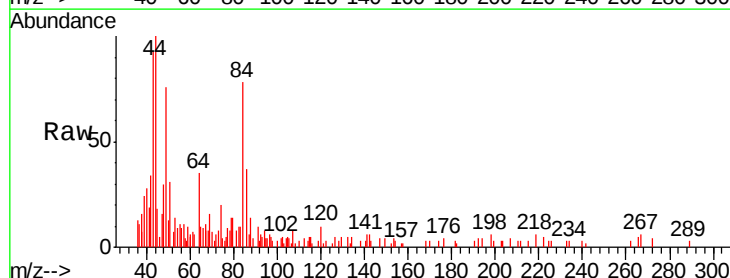
Instrument :
MSVOA_X
ClientSampleId :
CPIDW01-121218-N

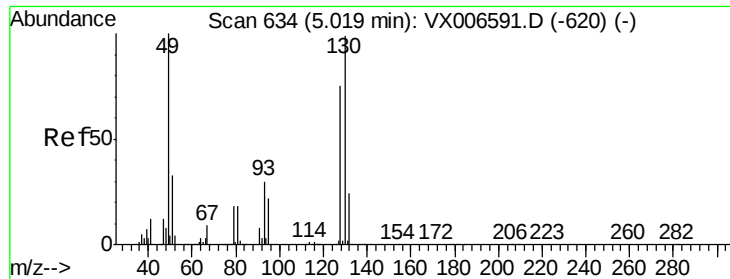
Tgt Ion: 43 Resp: 17968
Ion Ratio Lower Upper
43 100
74 24.7 18.6 28.0



#20
Methylene Chloride
Concen: 0.606 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX006825.D
Acq: 26 Dec 2018 18:15

Tgt Ion: 84 Resp: 3983
Ion Ratio Lower Upper
84 100
49 93.8 91.8 137.6
51 35.3 28.5 42.7
86 44.9 50.2 75.2#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX006825.D

Acq: 26 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

CPIDW01-121218-N

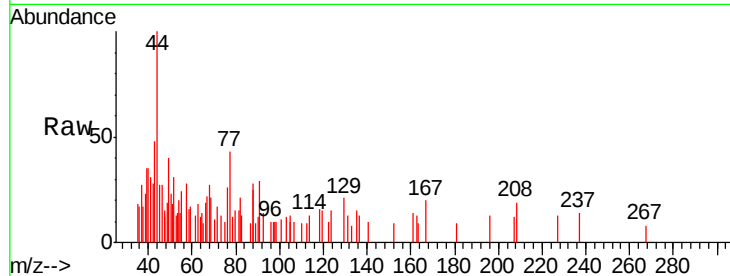
Tgt Ion: 49 Resp: 251

Ion Ratio Lower Upper

49 100

129 67.3 0.0 5.4#

130 0.0 77.7 116.5#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

5.03

400

300

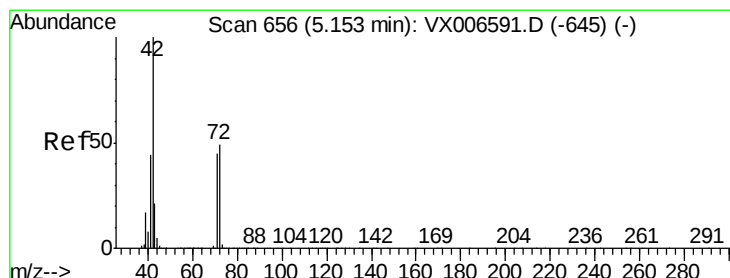
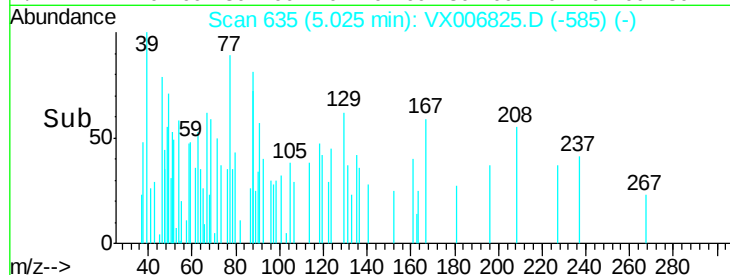
200

100

0

5.01 5.02 5.03 5.04

Time-->



#29

Tetrahydrofuran

Concen: 1.202 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.05 min

Lab File: VX006825.D

Acq: 26 Dec 2018 18:15

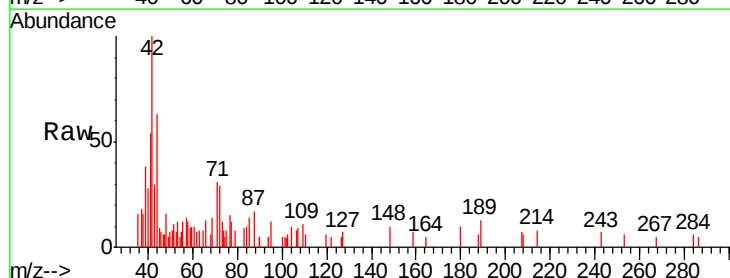
Tgt Ion: 42 Resp: 3542

Ion Ratio Lower Upper

42 100

72 15.9 38.9 58.3#

71 30.8 36.2 54.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

1500

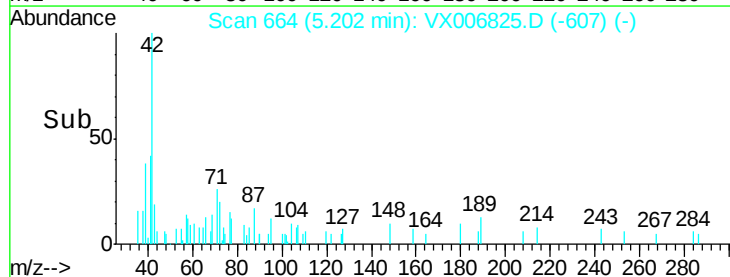
1000

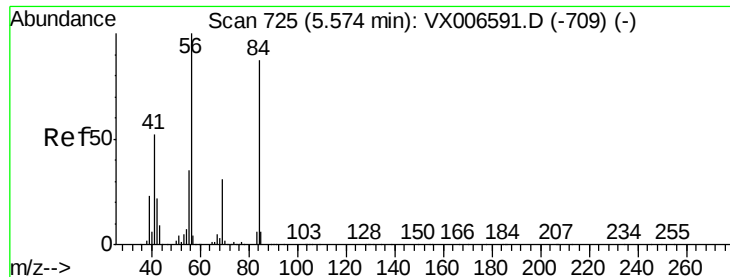
500

0

5.10 5.15 5.20 5.25

Time-->

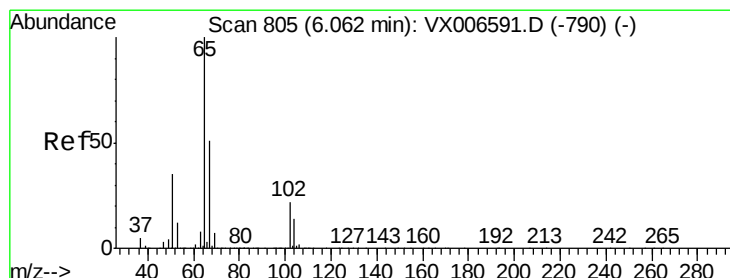
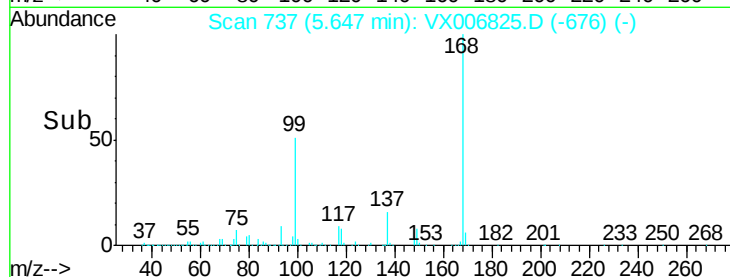
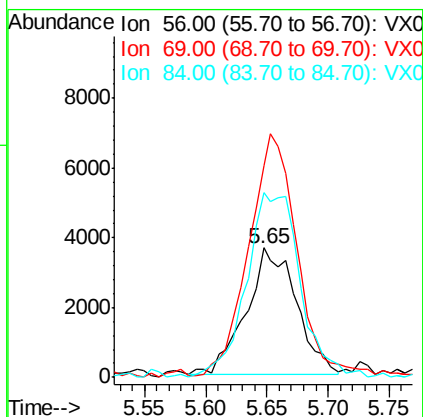
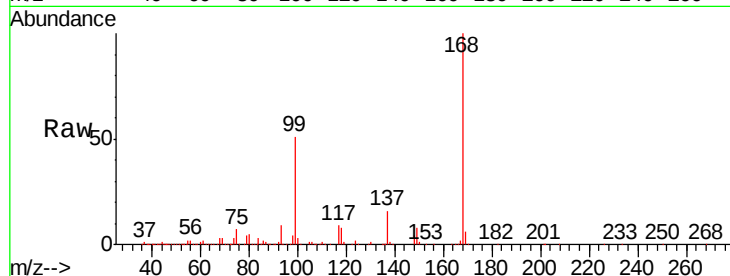




#31
Cyclohexane
Concen: 1.087 ug/l
RT: 5.65 min Scan# 737
Delta R.T. 0.07 min
Lab File: VX006825.D
Acq: 26 Dec 2018 18:15

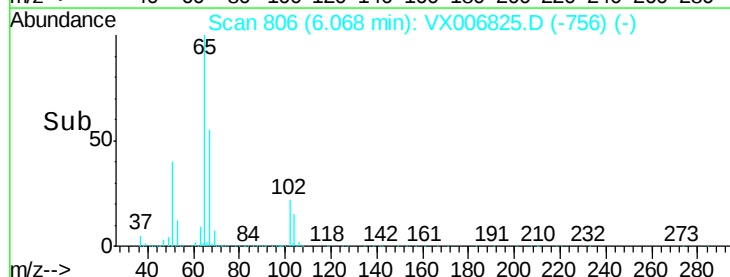
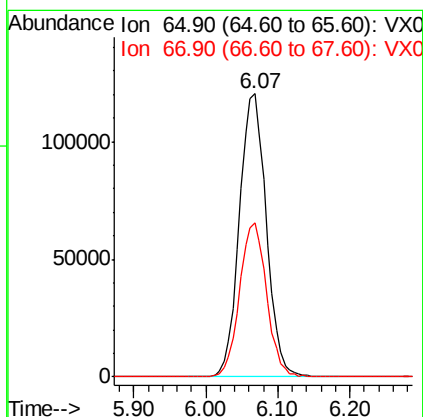
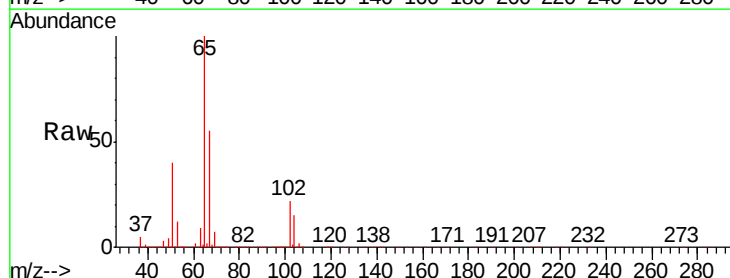
Instrument :
MSVOA_X
ClientSampleId :
CPIDW01-121218-N

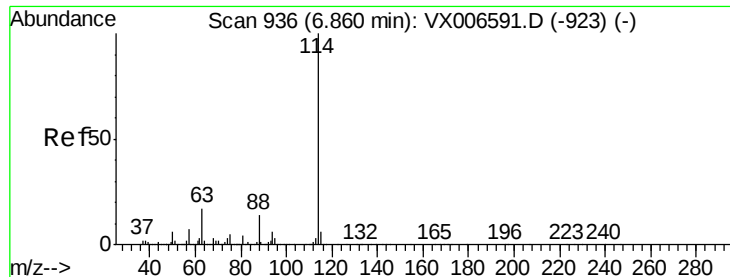
Tgt Ion: 56 Resp: 10414
Ion Ratio Lower Upper
56 100
69 170.3 24.4 36.6#
84 149.5 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 45.344 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006825.D
Acq: 26 Dec 2018 18:15

Tgt Ion: 65 Resp: 313852
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX006825.D

Acq: 26 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

CPIDW01-121218-N

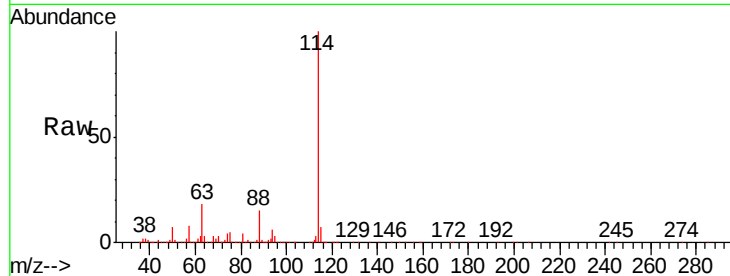
Tgt Ion:114 Resp: 940016

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

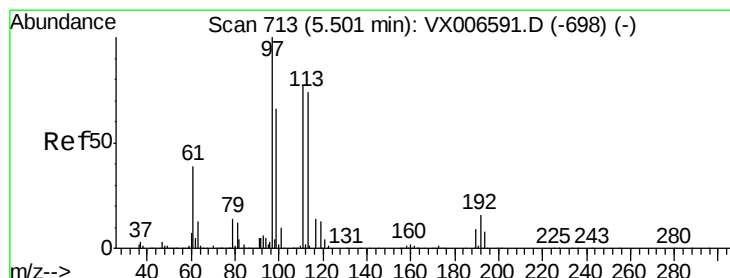
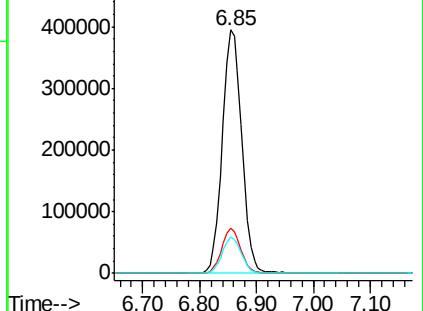
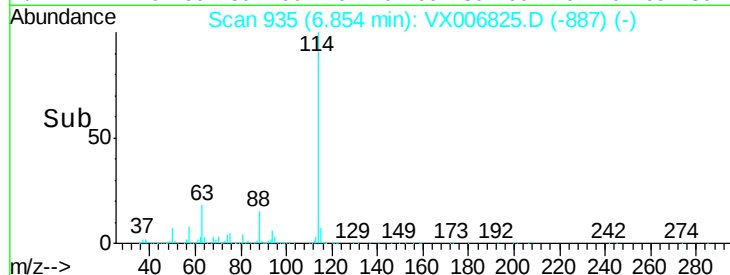
88 14.8 0.0 28.8



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: 45.165 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006825.D

Acq: 26 Dec 2018 18:15

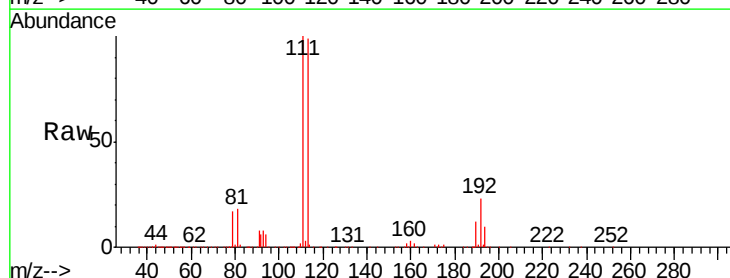
Tgt Ion:113 Resp: 268482

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

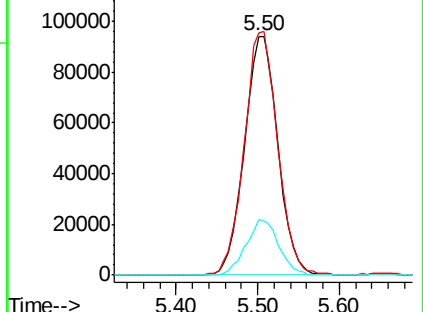
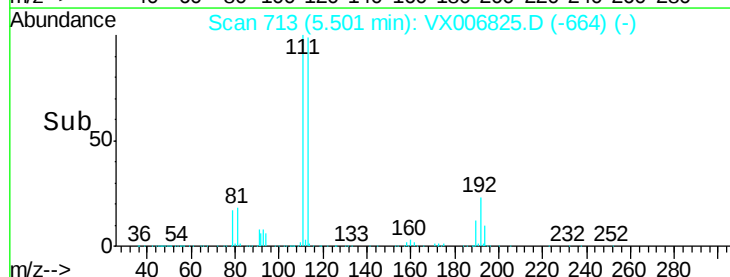
192 22.8 16.7 25.1

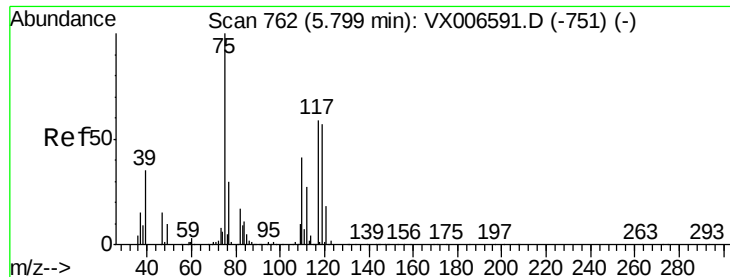


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

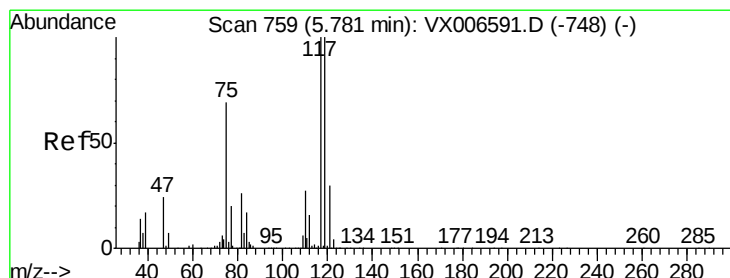
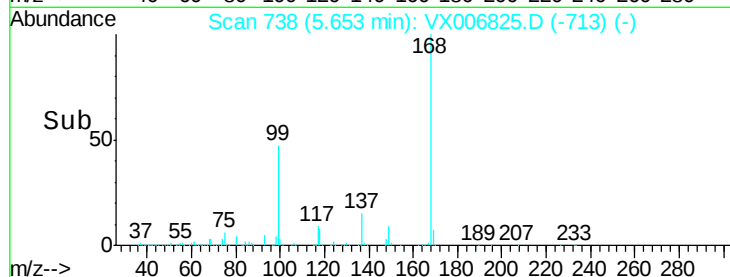
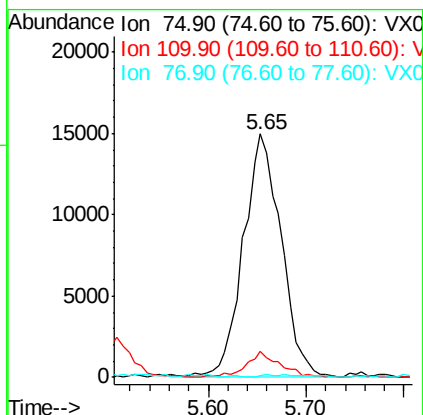
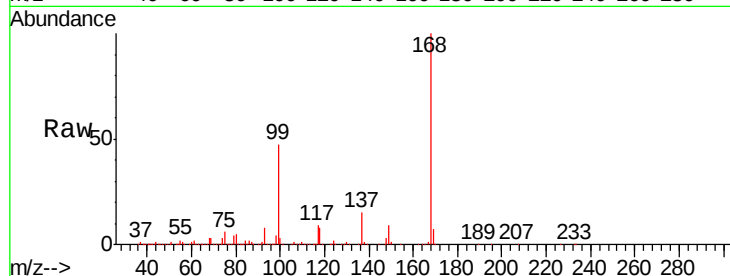




#36
 1,1-Dichloropropene
 Concen: 5.177 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX006825.D
 Acq: 26 Dec 2018 18:15

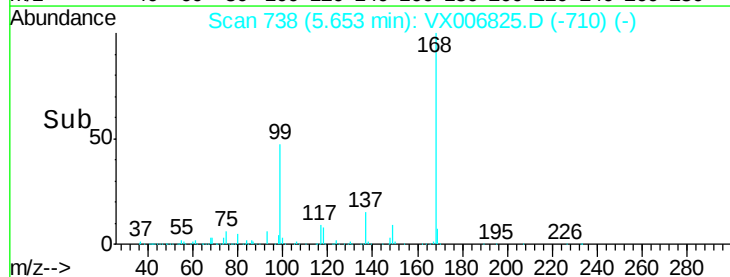
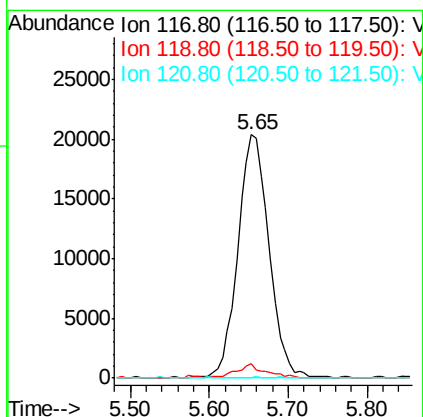
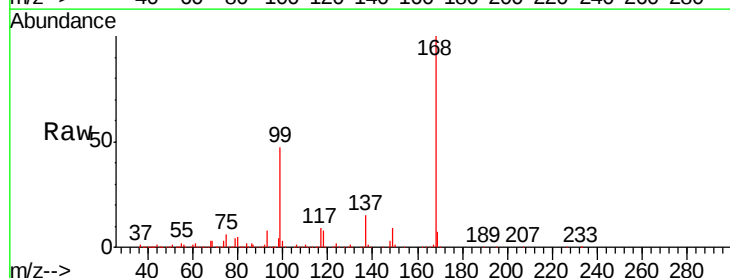
Instrument :
 MSVOA_X
 ClientSampleId :
 CPIDW01-121218-N

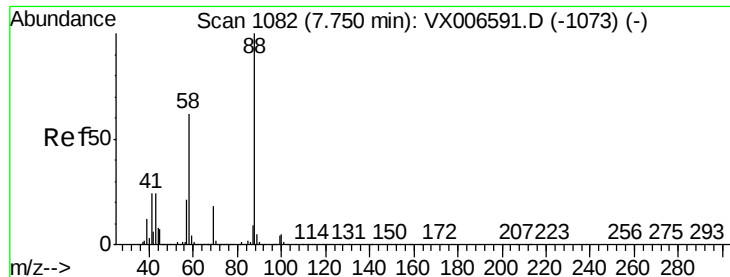
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	20.2	60.5#
77	0.4	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 7.429 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX006825.D
 Acq: 26 Dec 2018 18:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	79.4	119.2#
121	0.0	24.0	36.0#

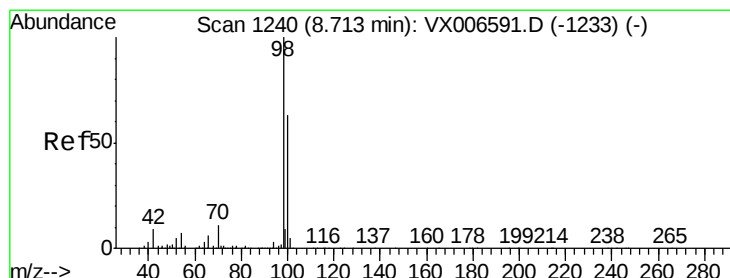
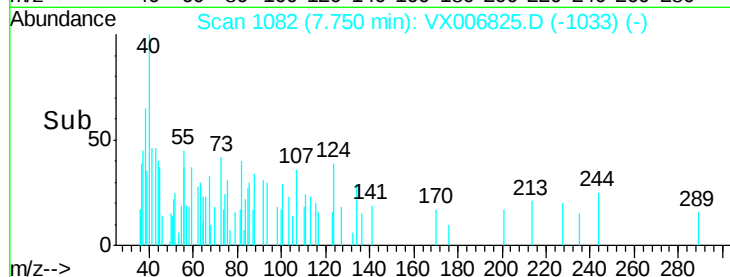
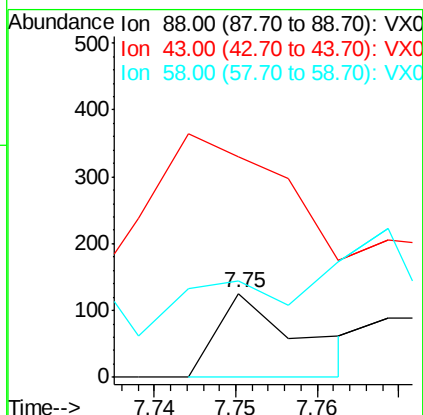
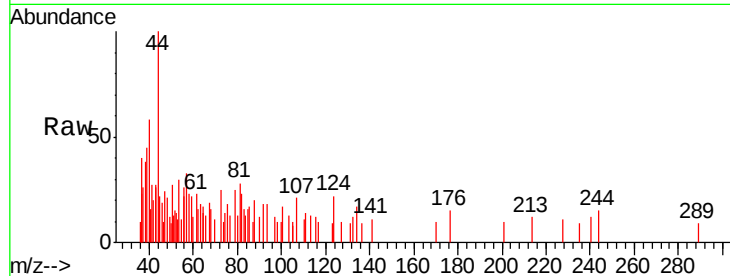




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006825.D
Acq: 26 Dec 2018 18:15

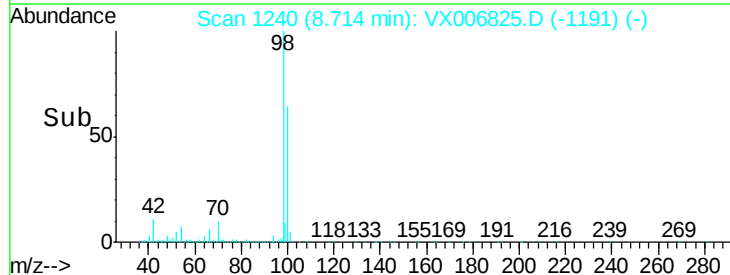
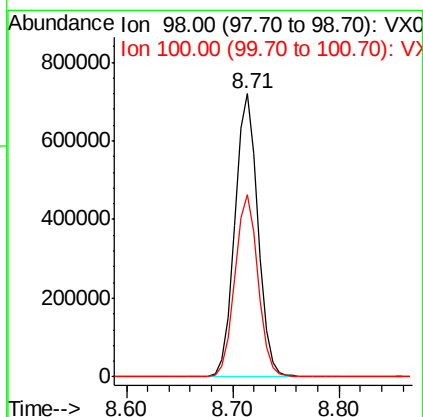
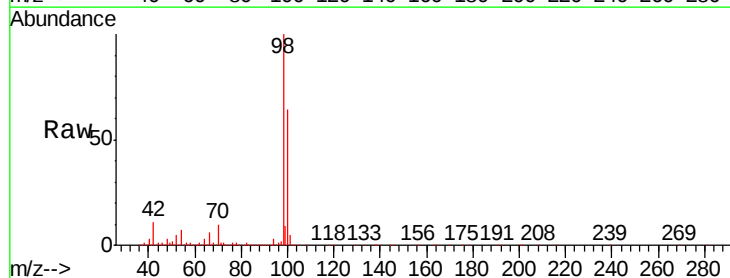
Instrument :
MSVOA_X
ClientSampleId :
CPIDW01-121218-N

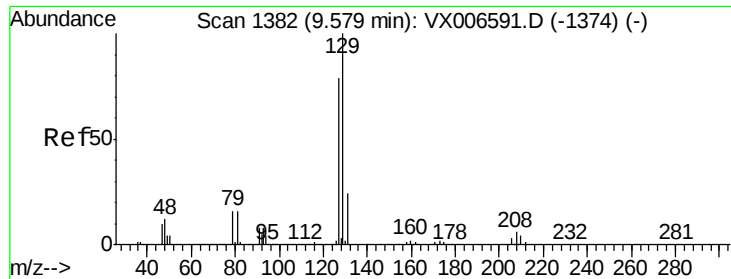
Tgt Ion: 88 Resp: 90
Ion Ratio Lower Upper
88 100
43 377.8 22.2 33.4#
58 281.1 51.0 76.4#



#50
Toluene-d8
Concen: 48.924 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006825.D
Acq: 26 Dec 2018 18:15

Tgt Ion: 98 Resp: 1096435
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#60

Dibromochloromethane

Concen: 2.340 ug/l

RT: 9.57 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VX006825.D

Acq: 26 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

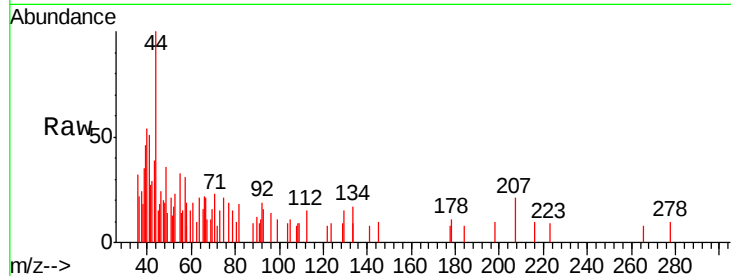
CPIDW01-121218-N

Tgt Ion:129 Resp: 109

Ion Ratio Lower Upper

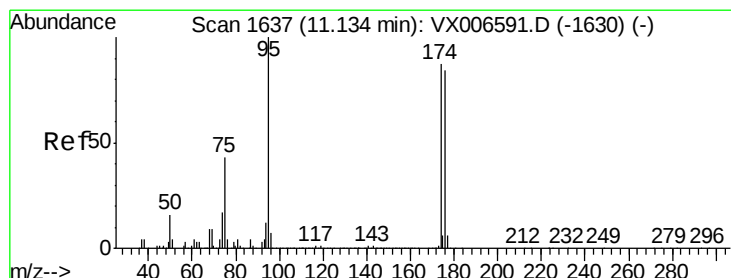
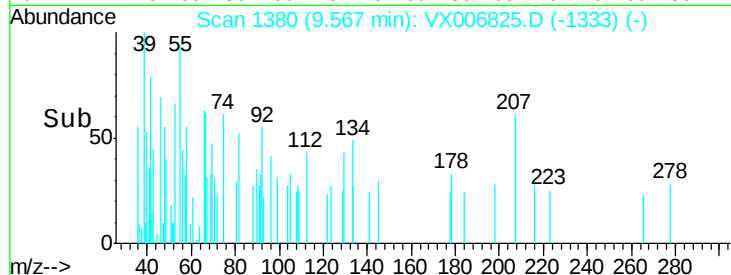
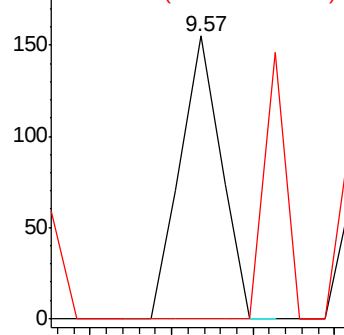
129 100

127 48.6 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: 49.632 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006825.D

Acq: 26 Dec 2018 18:15

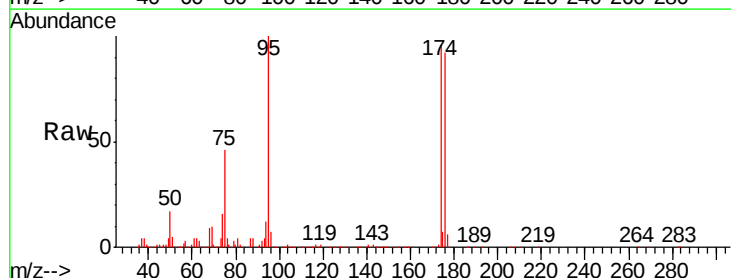
Tgt Ion: 95 Resp: 407370

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.2

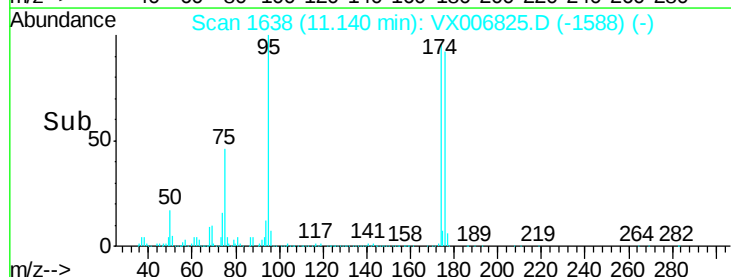
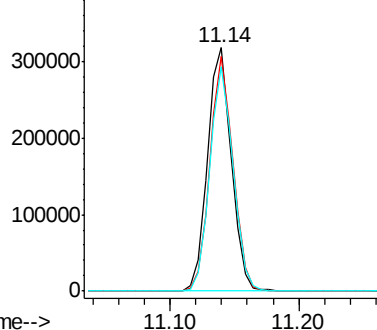
176 90.2 0.0 178.8

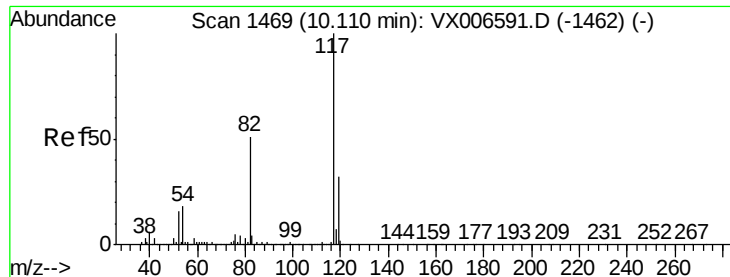


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

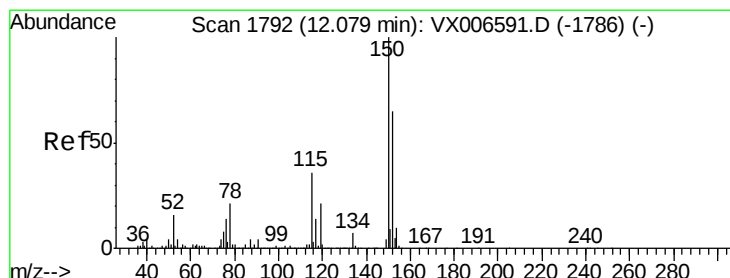
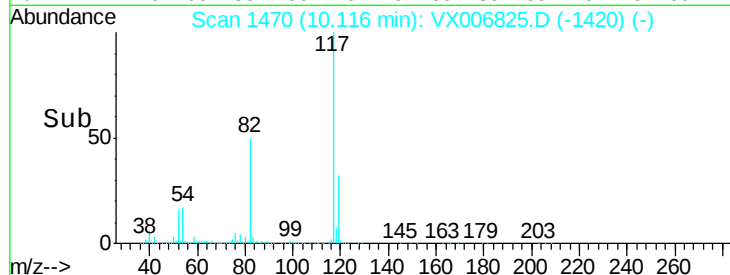
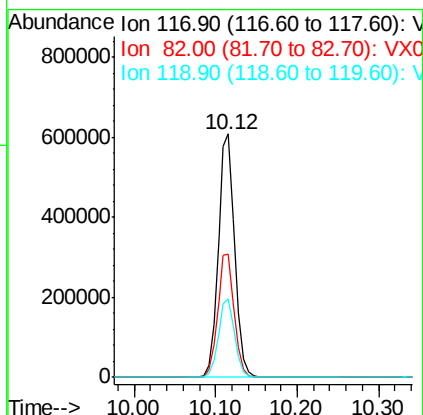
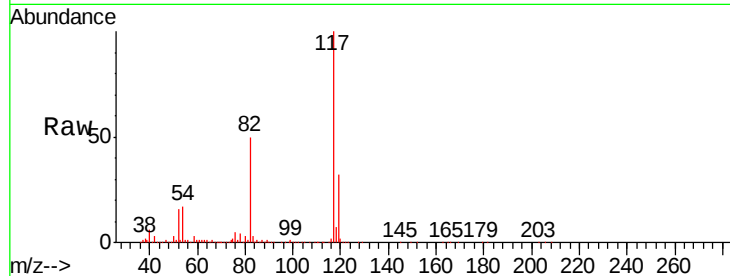




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006825.D
Acq: 26 Dec 2018 18:15

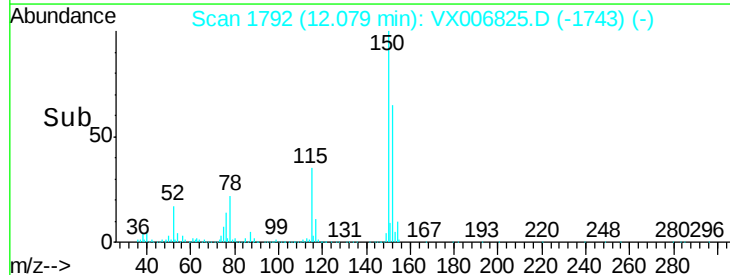
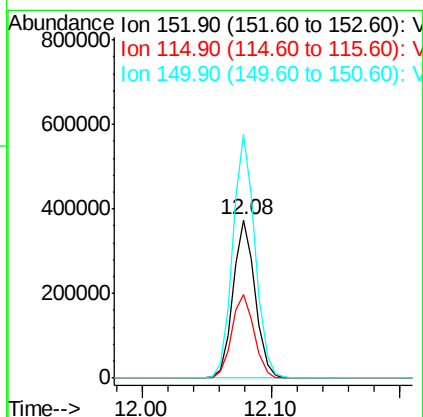
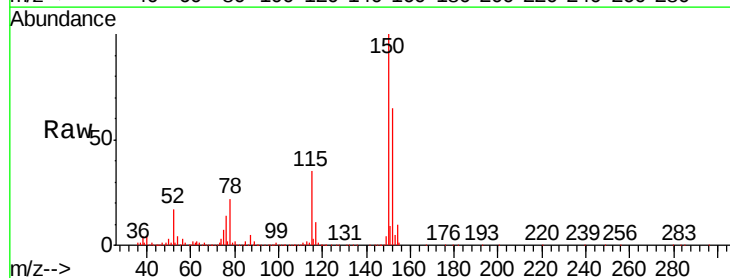
Instrument :
MSVOA_X
ClientSampleId :
CPIDW01-121218-N

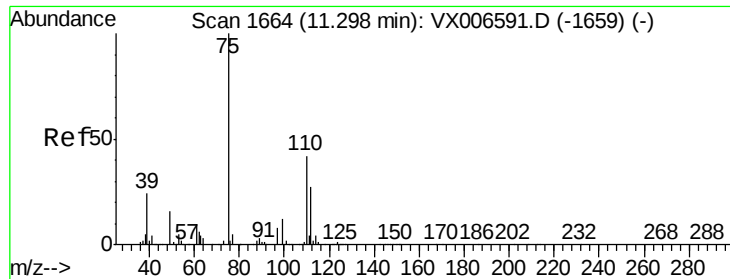
Tgt Ion:117 Resp: 855683
Ion Ratio Lower Upper
117 100
82 50.4 41.0 61.6
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006825.D
Acq: 26 Dec 2018 18:15

Tgt Ion:152 Resp: 447029
Ion Ratio Lower Upper
152 100
115 54.3 39.1 117.2
150 155.4 0.0 344.8

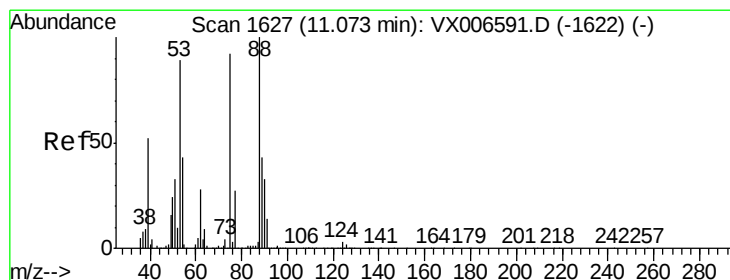
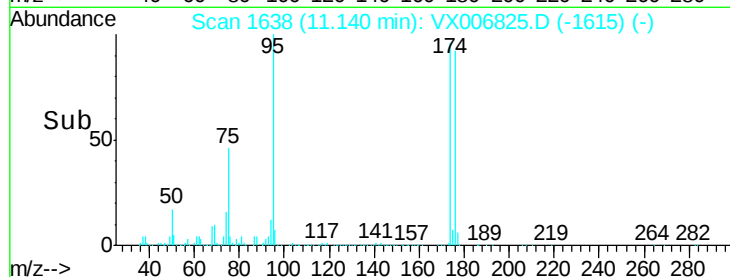
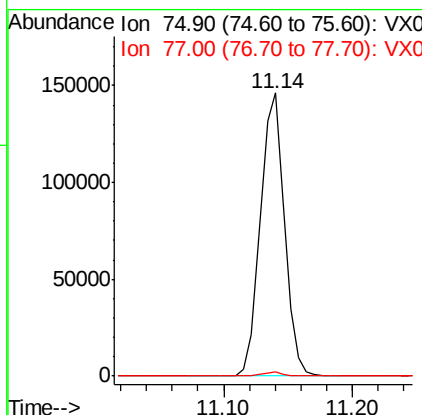
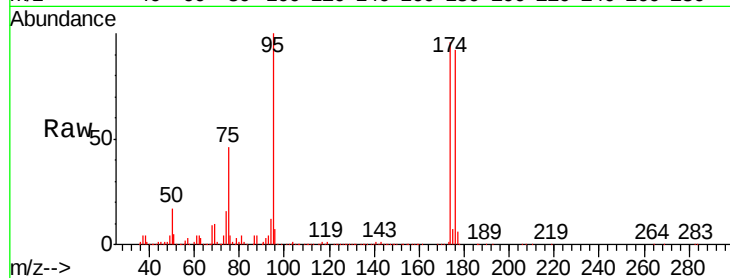




#76
 1,2,3-Trichloropropane
 Concen: 22.652 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX006825.D
 Acq: 26 Dec 2018 18:15

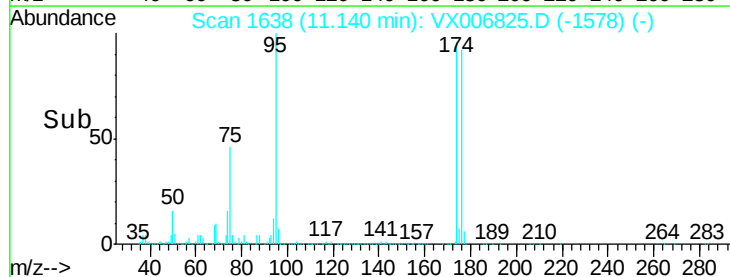
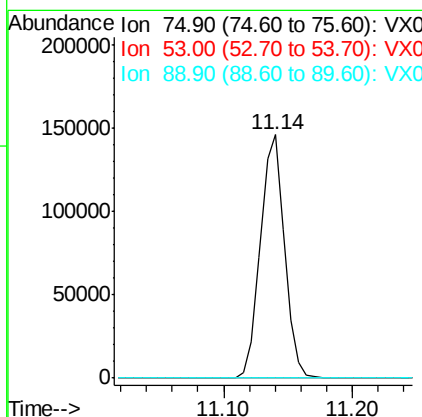
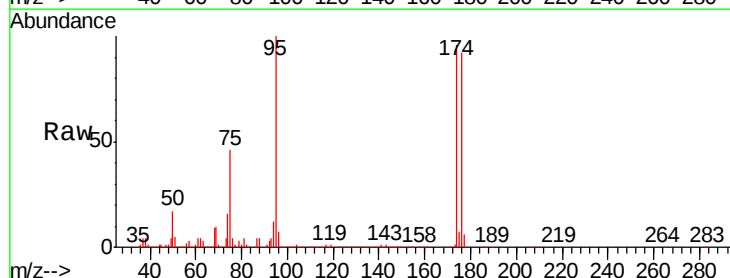
Instrument :
 MSVOA_X
 ClientSampleId :
 CPIDW01-121218-N

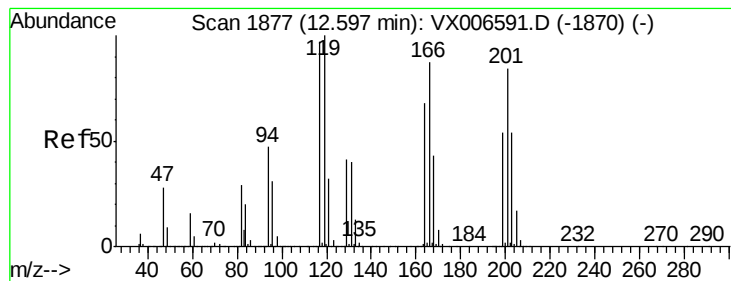
Tgt Ion: 75 Resp: 188189
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.5 55.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.335 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX006825.D
 Acq: 26 Dec 2018 18:15

Tgt Ion: 75 Resp: 188189
 Ion Ratio Lower Upper
 75 100
 53 0.2 79.7 119.5#
 89 0.0 38.0 57.0#





#90

Hexachloroethane

Concen: 3.302 ug/l

RT: 12.66 min Scan# 1887

Delta R.T. 0.06 min

Lab File: VX006825.D

Acq: 26 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

CPIDW01-121218-N

Tgt Ion:117 Resp: 40

Ion Ratio Lower Upper

117 100

201 55.0 42.9 128.7

