

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040218\
 Data File : VX000640.D
 Acq On : 02 Apr 2018 14:52
 Operator : JC/MD
 Sample : J2178-04 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S6-TP

Quant Time: Apr 03 02:40:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	122051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	200650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	200172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	109811	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	80228	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	5.51	113	61897	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	8.73	98	250794	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.15	95	90362	41.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.94%	

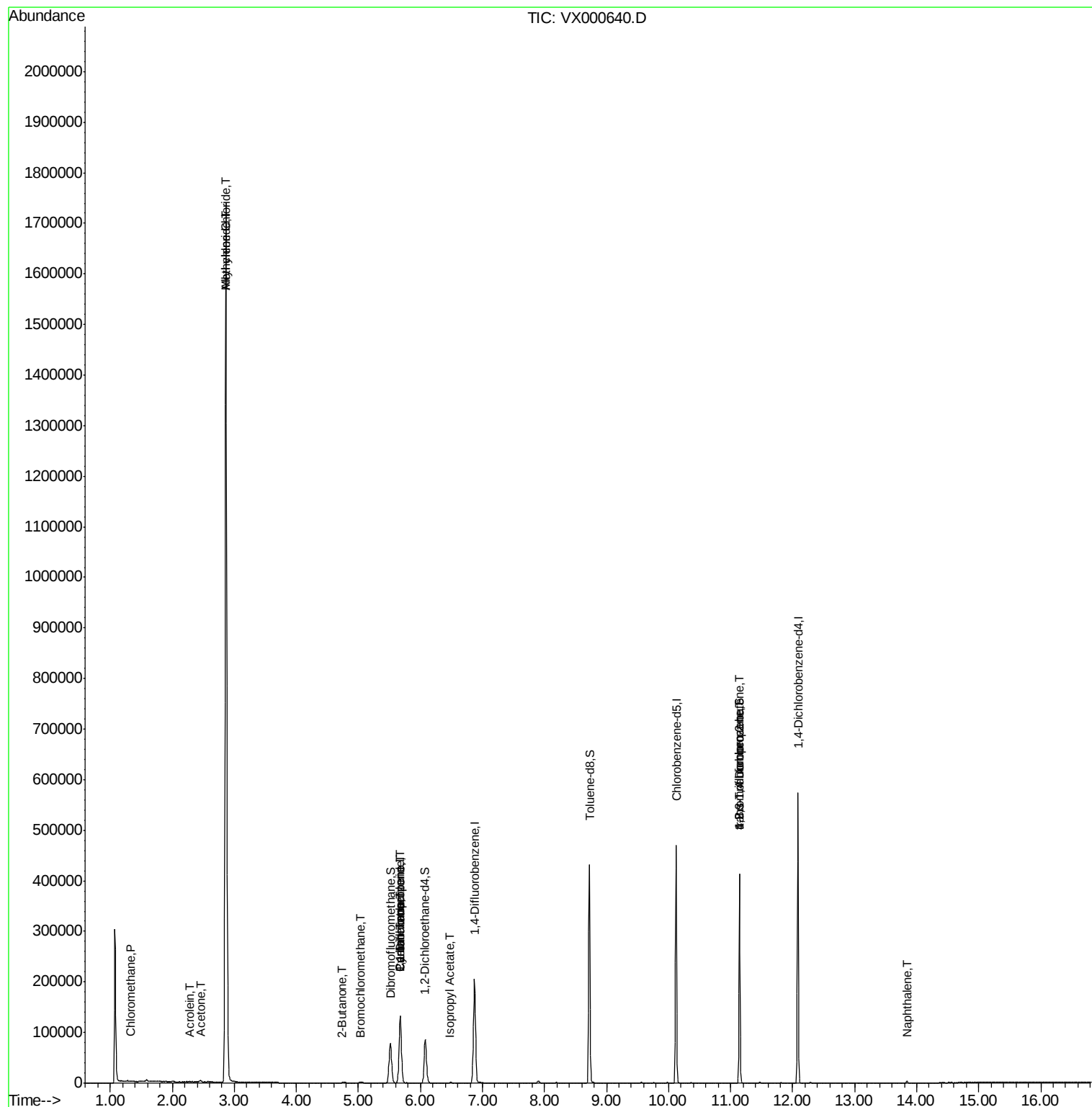
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	285	0.20	ug/l	89
6) Chloroethane	1.74	64	218	Below Cal	#	44
13) Acrolein	2.27	56	21	14.69	ug/l #	1
14) Allyl chloride	2.86	41	28246	12.01	ug/l #	24
16) Acetone	2.45	43	3623	2.73	ug/l	99
20) Methylene Chloride	2.87	84	767648	501.47	ug/l	99
25) 2-Butanone	4.73	43	421	0.28	ug/l #	49
28) Bromochloromethane	5.03	49	521	0.49	ug/l #	1
31) Cyclohexane	5.67	56	3181	1.58	ug/l #	61
36) 1,1-Dichloropropene	5.68	75	9464	5.04	ug/l #	51
38) Carbon Tetrachloride	5.67	117	12522	6.35	ug/l #	17
43) Isopropyl Acetate	6.48	43	1022	0.27	ug/l #	66
74) N-amyl acetate	6.48	43	1022	Below Cal	#	65
76) 1,2,3-Trichloropropane	11.15	75	53482	22.66	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	53482	73.37	ug/l #	9
95) Naphthalene	13.83	128	2445	0.27	ug/l #	91

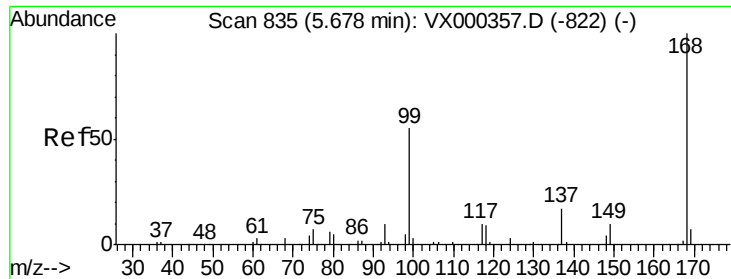
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040218\
Data File : VX000640.D
Acq On : 02 Apr 2018 14:52
Operator : JC/MD
Sample : J2178-04 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S6-TP

Quant Time: Apr 03 02:40:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

Instrument :

MSVOA_X

ClientSampled :

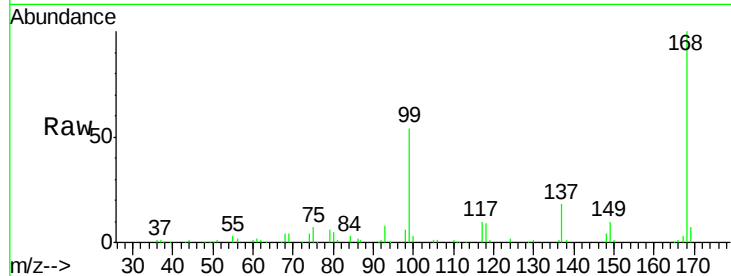
S6-TP

Tgt Ion:168 Resp: 122051

Ion Ratio Lower Upper

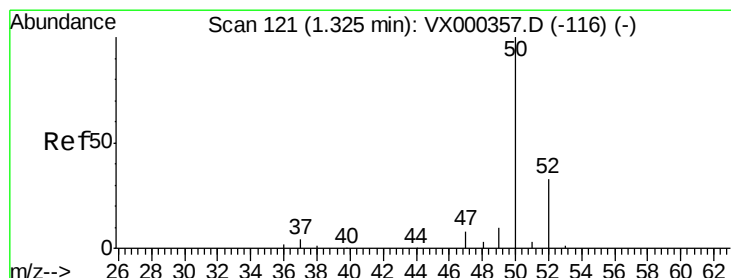
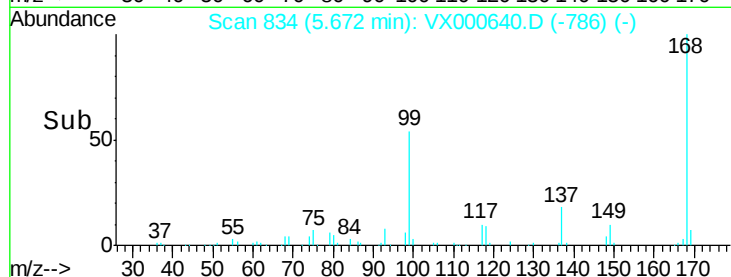
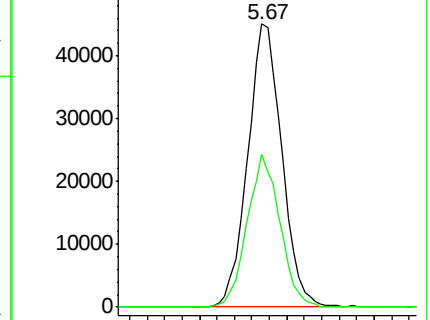
168 100

99 54.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000640.D

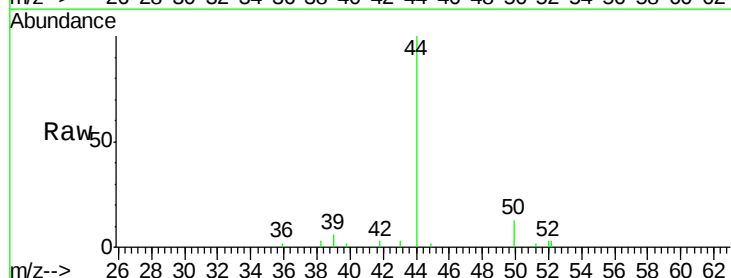
Acq: 02 Apr 2018 14:52

Tgt Ion: 50 Resp: 285

Ion Ratio Lower Upper

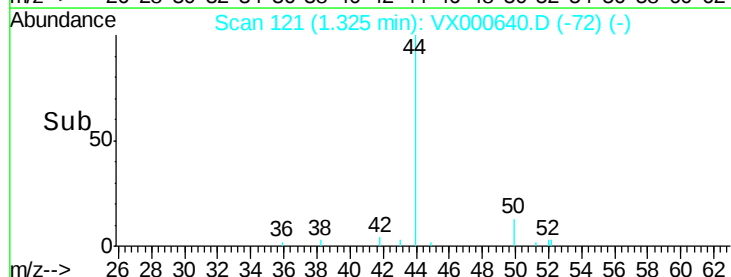
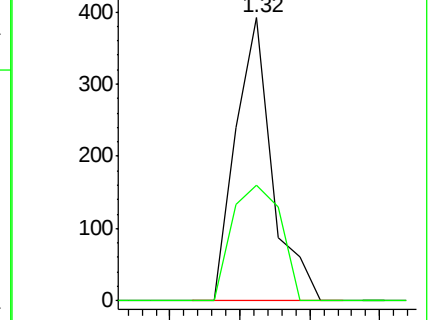
50 100

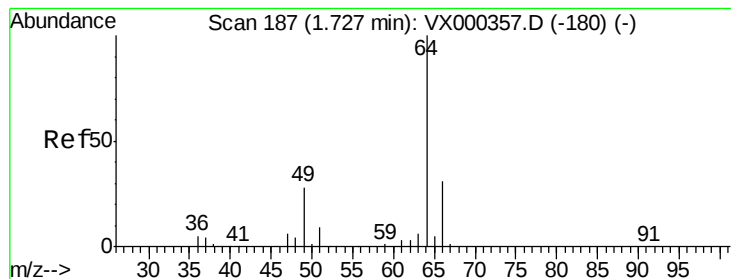
52 40.8 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.74 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

Instrument :

MSVOA_X

ClientSampleId :

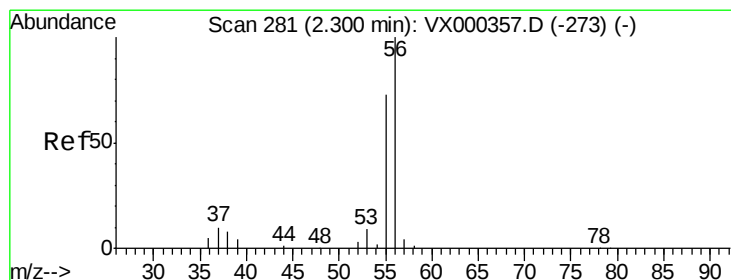
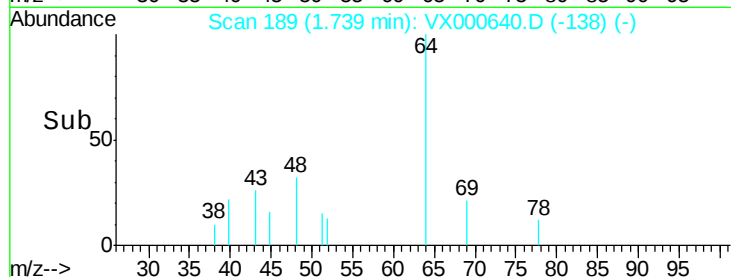
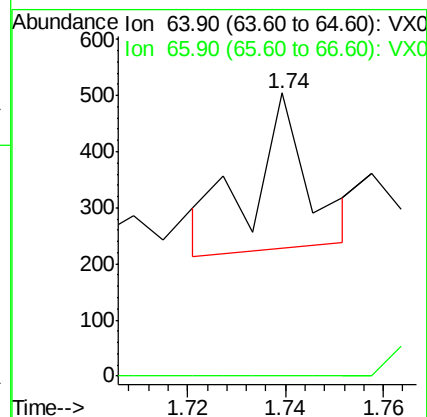
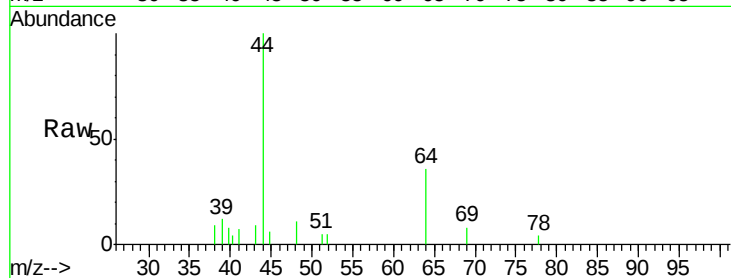
S6-TP

Tgt Ion: 64 Resp: 218

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#



#13

Acrolein

Concen: 14.69 ug/l

RT: 2.27 min Scan# 276

Delta R.T. -0.03 min

Lab File: VX000640.D

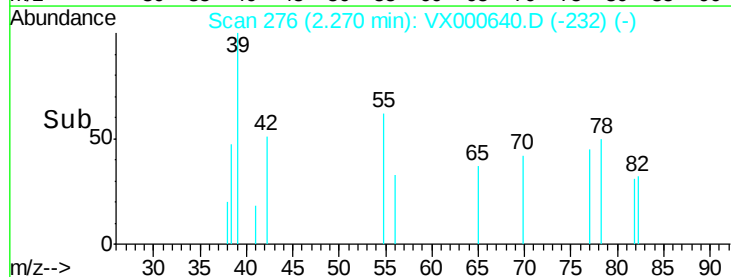
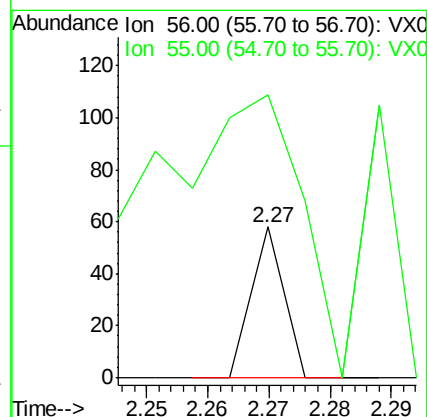
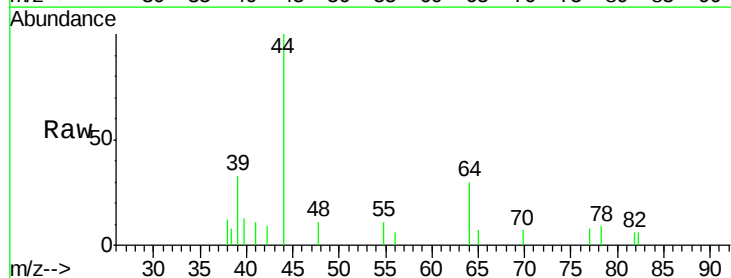
Acq: 02 Apr 2018 14:52

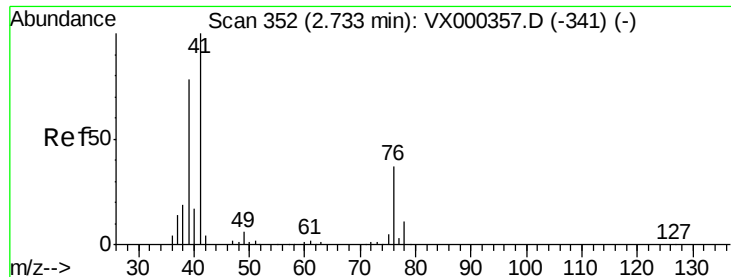
Tgt Ion: 56 Resp: 21

Ion Ratio Lower Upper

56 100

55 990.5 58.8 88.2#

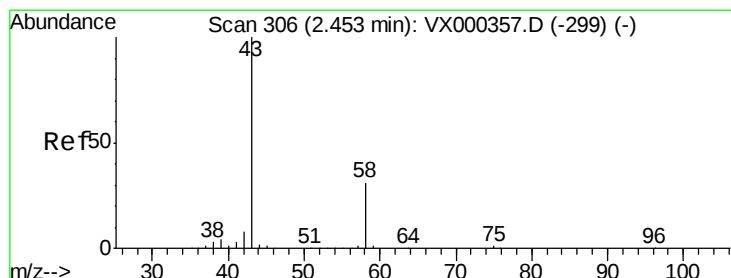
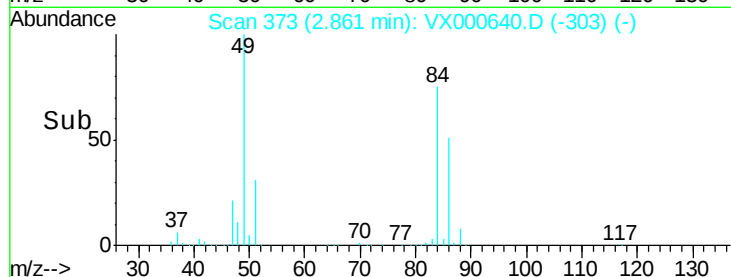
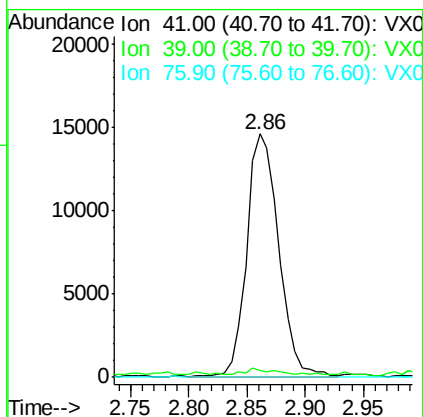
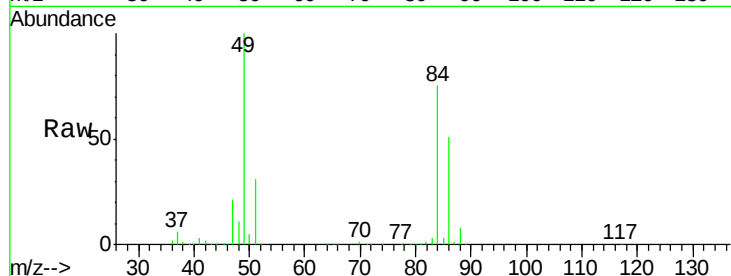




#14
 Allyl chloride
 Concen: 12.01 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.13 min
 Lab File: VX000640.D
 Acq: 02 Apr 2018 14:52

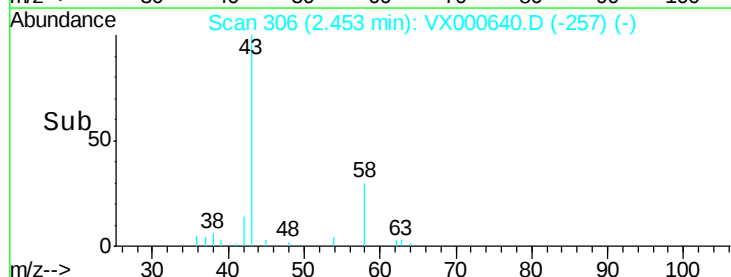
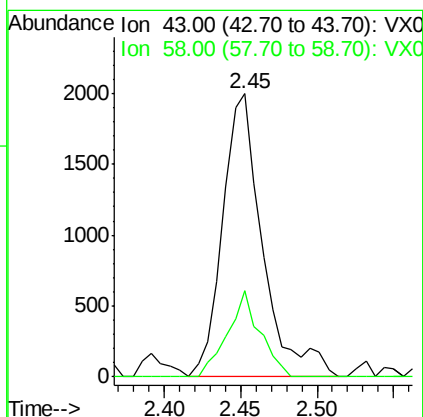
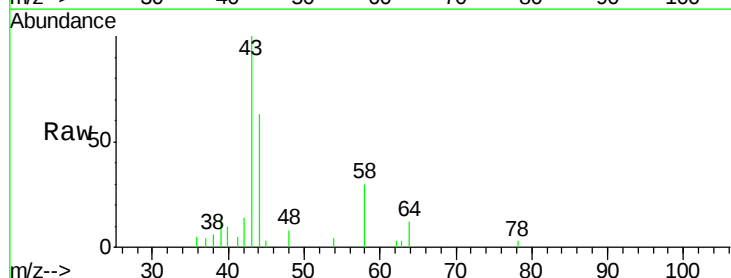
Instrument :
 MSVOA_X
 ClientSampleId :
 S6-TP

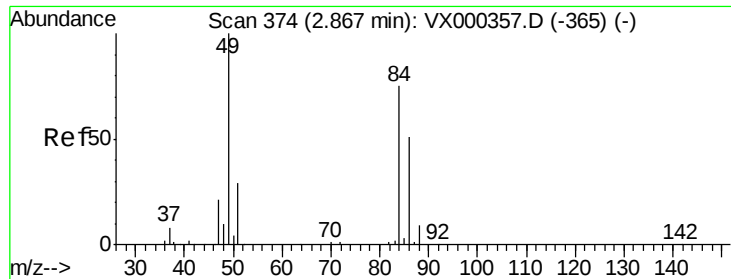
Tgt Ion: 41 Resp: 28246
 Ion Ratio Lower Upper
 41 100
 39 2.1 57.6 86.4#
 76 0.0 27.3 40.9#



#16
 Acetone
 Concen: 2.73 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX000640.D
 Acq: 02 Apr 2018 14:52

Tgt Ion: 43 Resp: 3623
 Ion Ratio Lower Upper
 43 100
 58 30.5 24.7 37.1

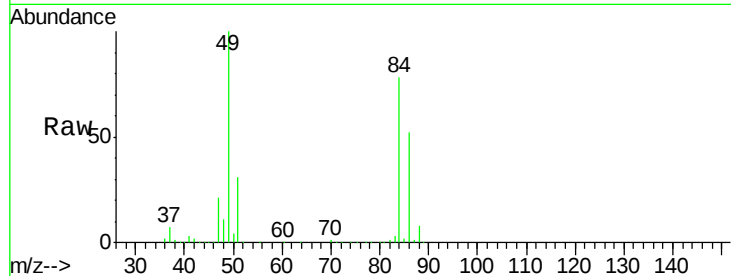




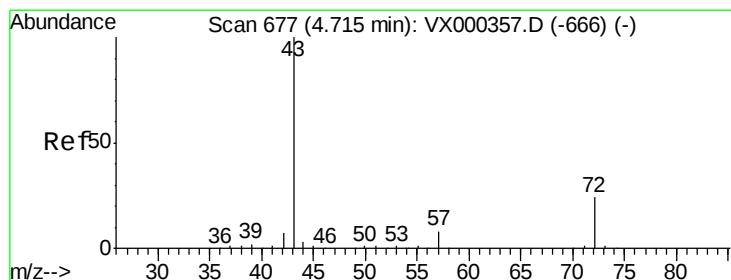
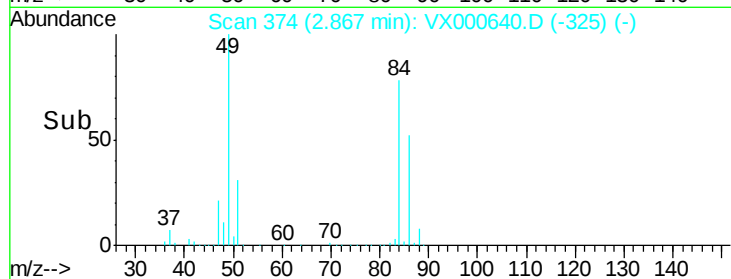
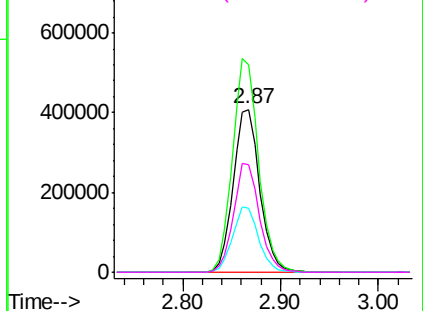
#20
Methylene Chloride
Concen: 501.47 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000640.D
Acq: 02 Apr 2018 14:52

Instrument :
MSVOA_X
ClientSampled :
S6-TP

Tgt Ion: 84 Resp: 767648
Ion Ratio Lower Upper
84 100
49 127.6 100.6 151.0
51 39.1 31.6 47.4
86 65.8 52.6 78.8

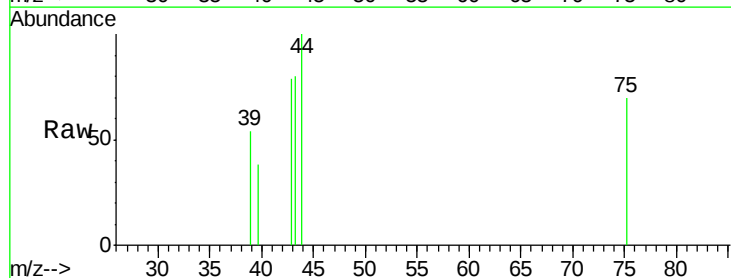


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

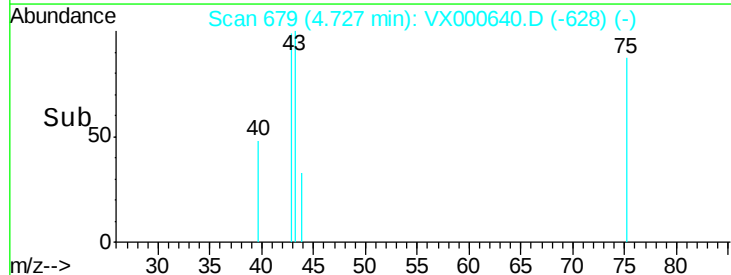
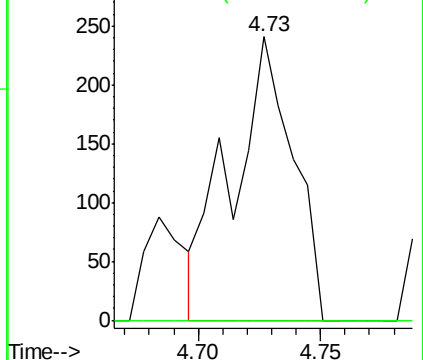


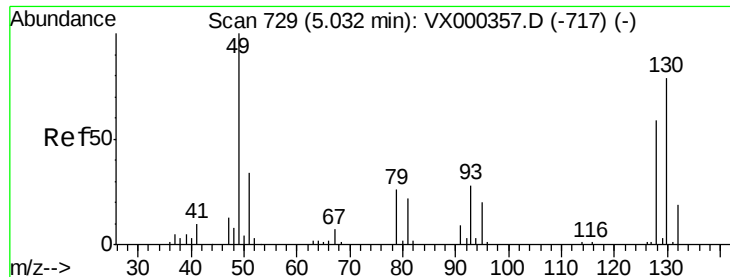
#25
2-Butanone
Concen: 0.28 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX000640.D
Acq: 02 Apr 2018 14:52

Tgt Ion: 43 Resp: 421
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: 0.49 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

Instrument :

MSVOA_X

ClientSampleId :

S6-TP

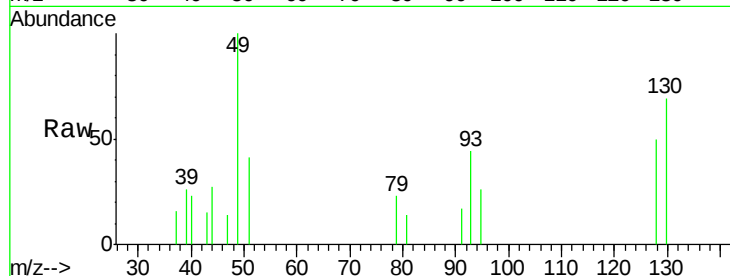
Tgt Ion: 49 Resp: 521

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

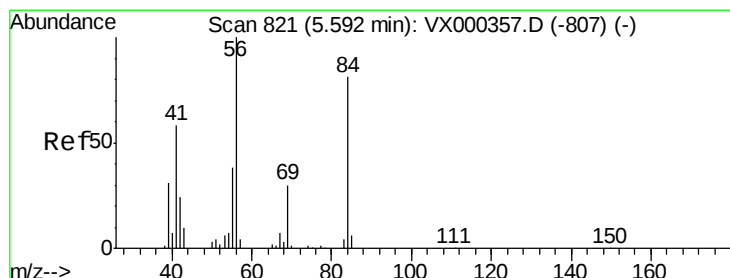
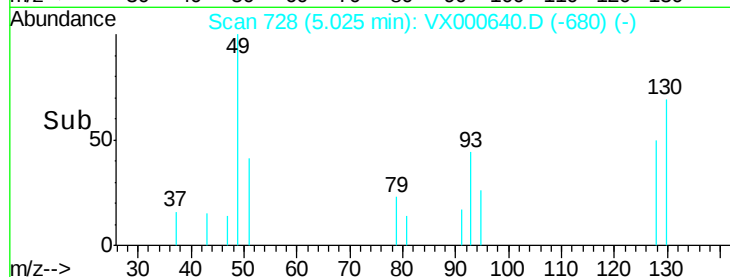
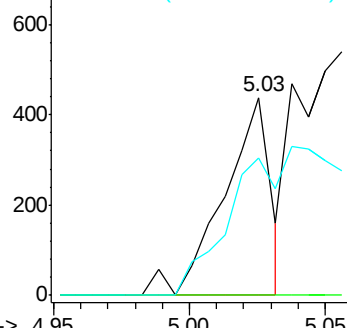
130 215.9 64.0 96.0#



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



#31

Cyclohexane

Concen: 1.58 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.07 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

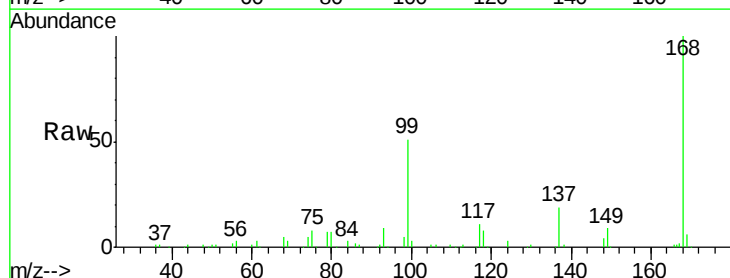
Tgt Ion: 56 Resp: 3181

Ion Ratio Lower Upper

56 100

69 96.0 23.4 35.0#

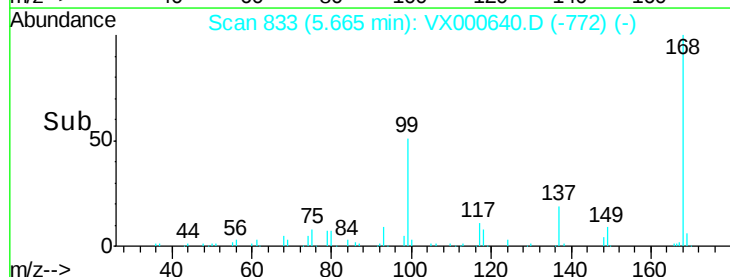
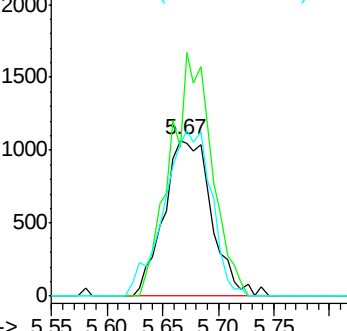
84 98.2 71.0 106.4

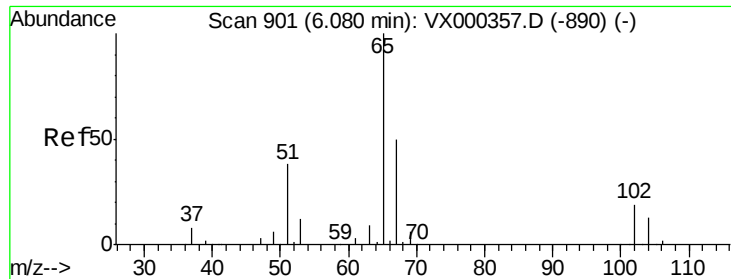


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

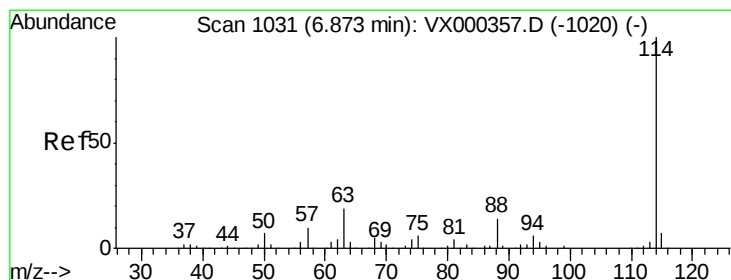
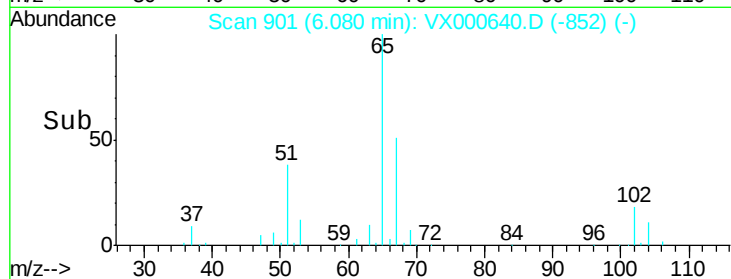
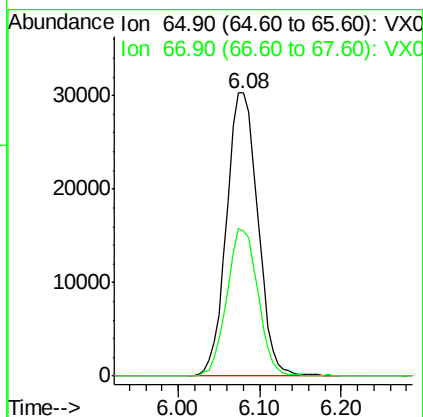
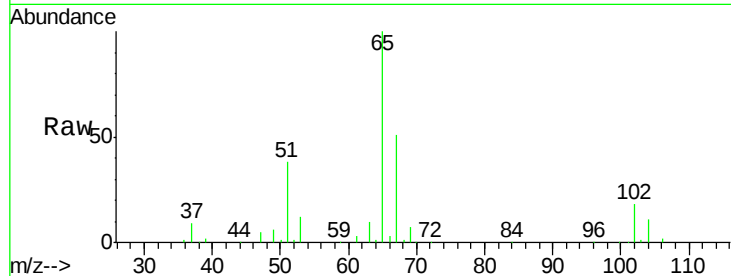




#33
 1,2-Dichloroethane-d4
 Concen: 50.36 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000640.D
 Acq: 02 Apr 2018 14:52

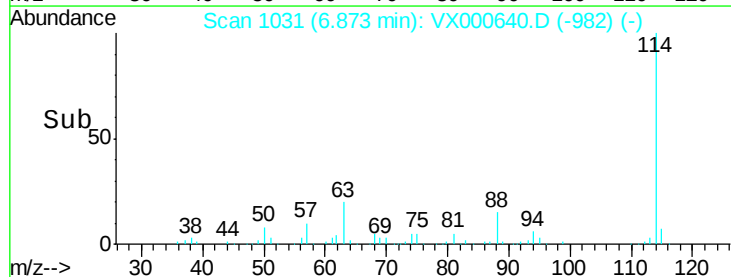
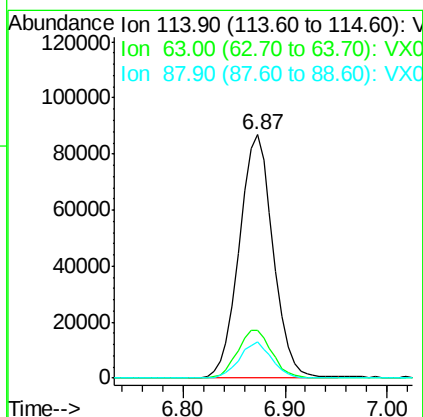
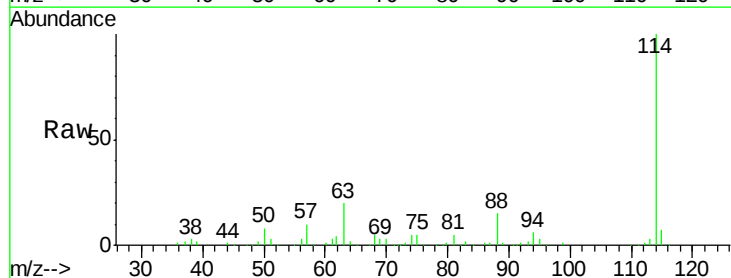
Instrument :
 MSVOA_X
 ClientSampleId :
 S6-TP

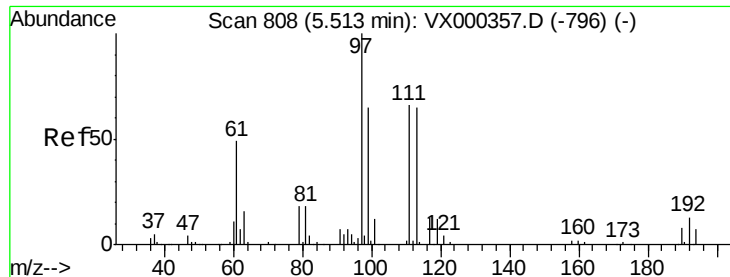
Tgt Ion: 65 Resp: 80228
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000640.D
 Acq: 02 Apr 2018 14:52

Tgt Ion: 114 Resp: 200650
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.4
 88 15.1 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.96 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

Instrument :

MSVOA_X

ClientSampleId :

S6-TP

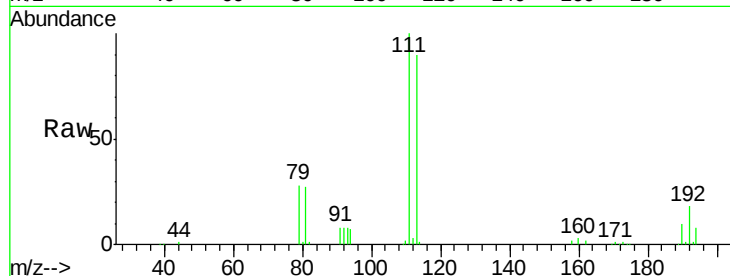
Tgt Ion:113 Resp: 61897

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

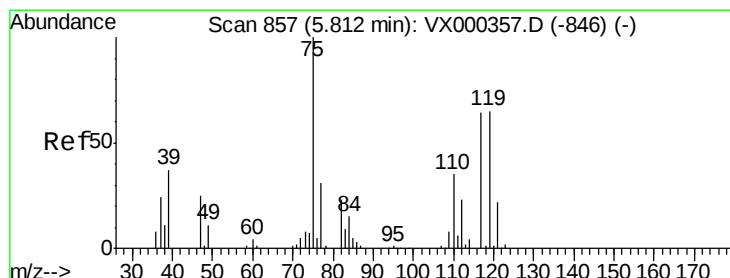
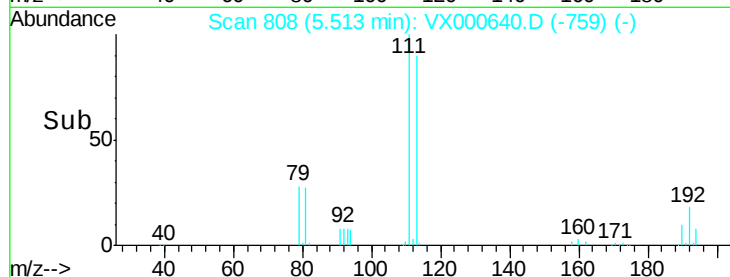
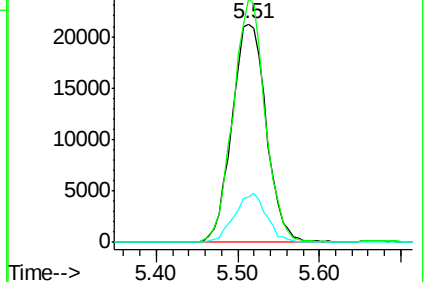
192 21.0 15.8 23.6



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: 5.04 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.13 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

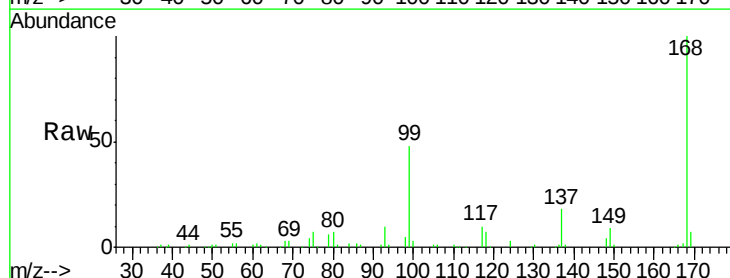
Tgt Ion: 75 Resp: 9464

Ion Ratio Lower Upper

75 100

110 9.9 17.9 53.7#

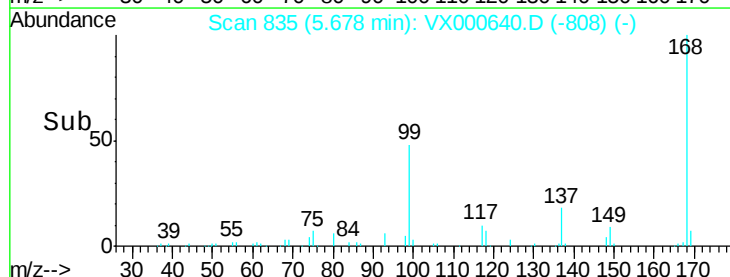
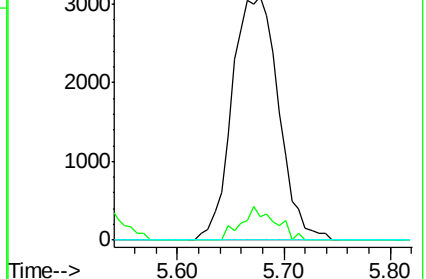
77 0.0 24.0 36.0#

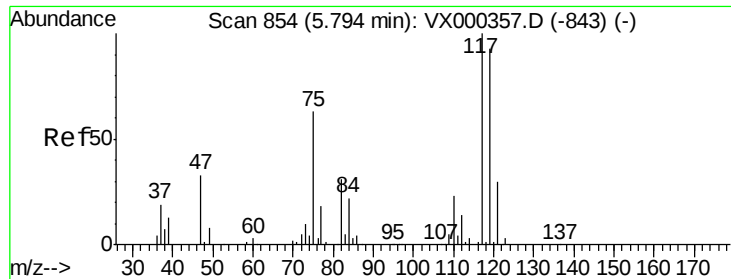


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

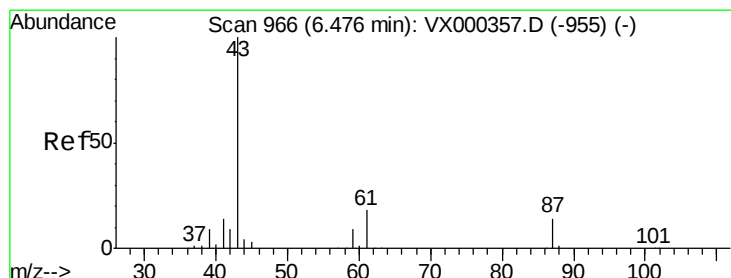
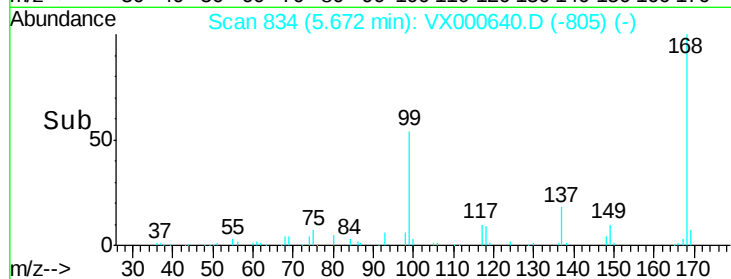
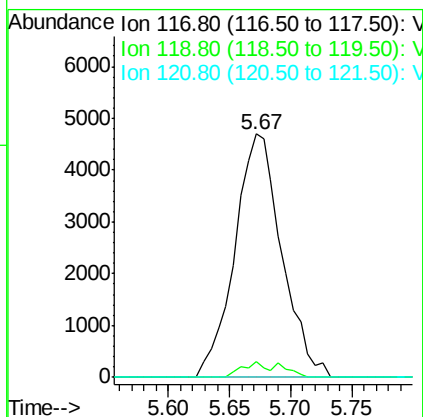
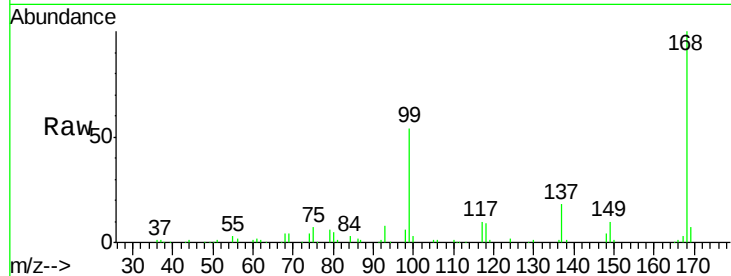




#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000640.D
Acq: 02 Apr 2018 14:52

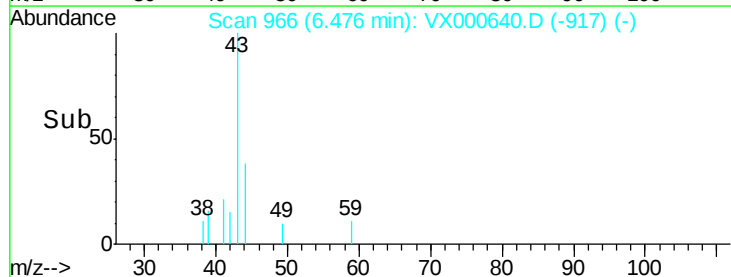
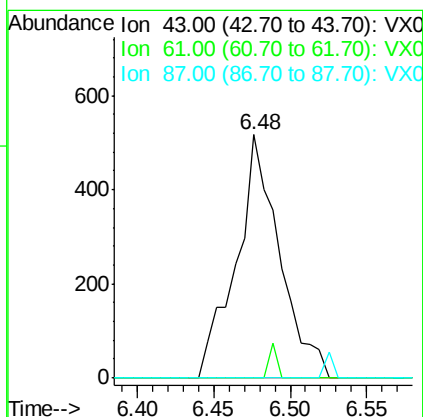
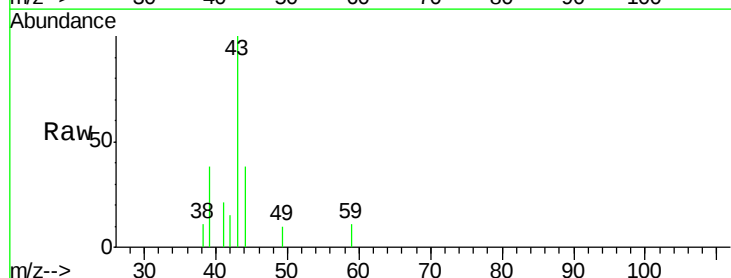
Instrument :
MSVOA_X
ClientSampled :
S6-TP

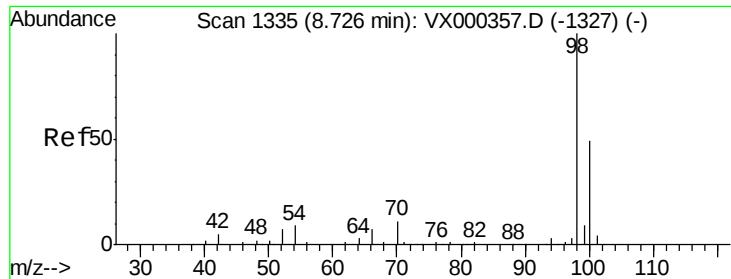
Tgt Ion:117 Resp: 12522
Ion Ratio Lower Upper
117 100
119 6.3 77.4 116.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 0.27 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX000640.D
Acq: 02 Apr 2018 14:52

Tgt Ion: 43 Resp: 1022
Ion Ratio Lower Upper
43 100
61 2.6 14.4 21.6#
87 0.0 11.0 16.4#

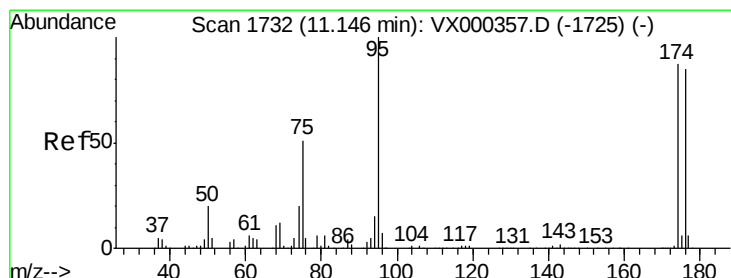
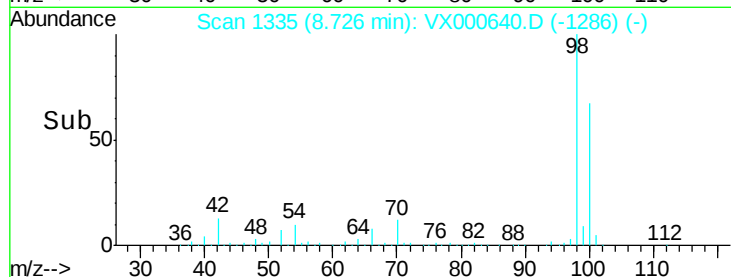
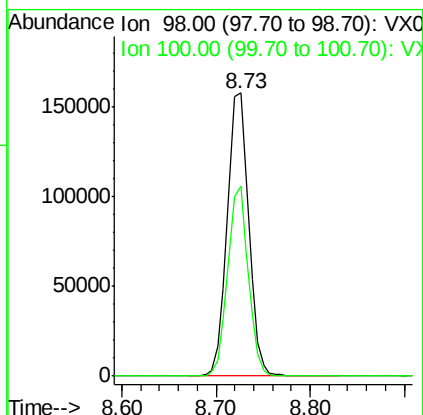
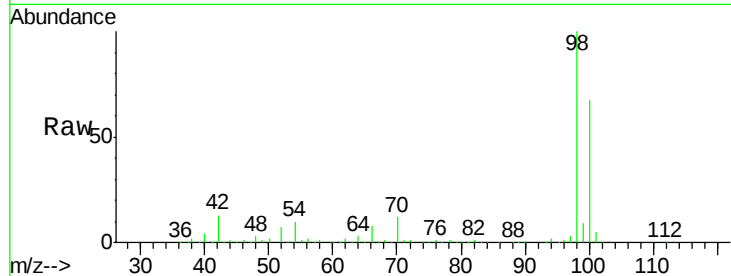




#50
Toluene-d8
Concen: 47.90 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000640.D
Acq: 02 Apr 2018 14:52

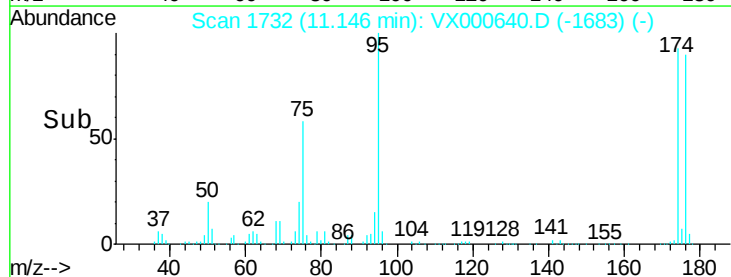
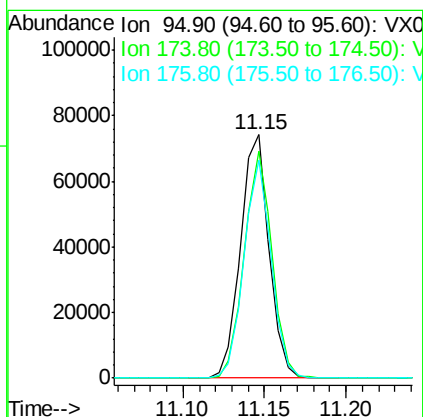
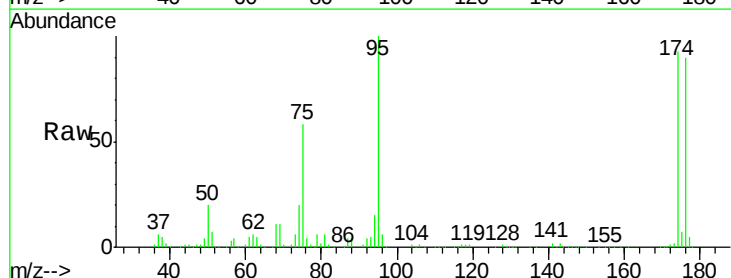
Instrument :
MSVOA_X
ClientSampleId :
S6-TP

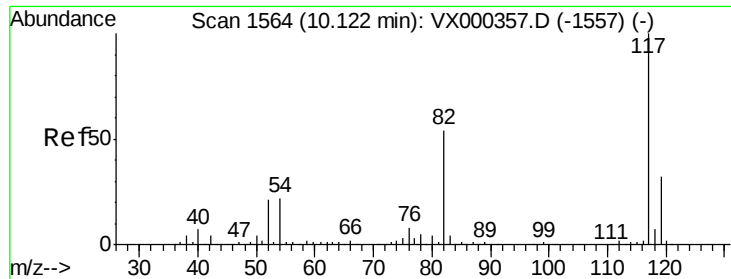
Tgt Ion: 98 Resp: 250794
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 41.97 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000640.D
Acq: 02 Apr 2018 14:52

Tgt Ion: 95 Resp: 90362
Ion Ratio Lower Upper
95 100
174 90.7 0.0 173.6
176 86.1 0.0 164.6

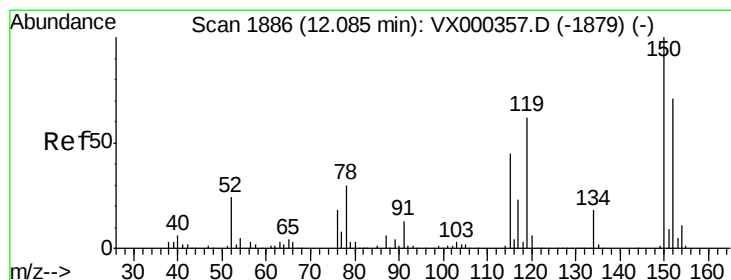
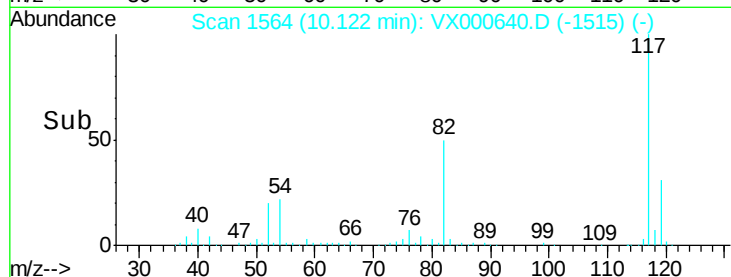
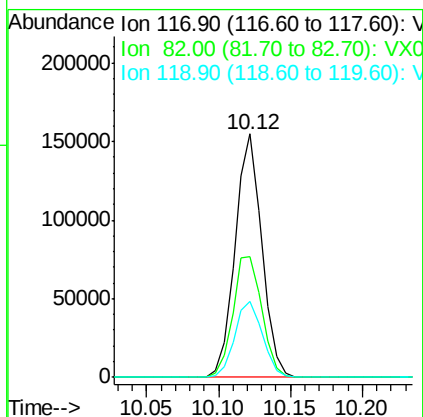
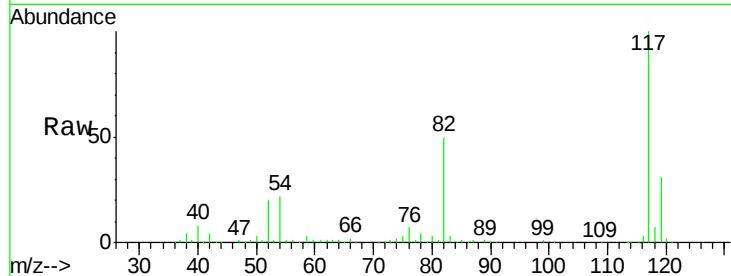




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000640.D
Acq: 02 Apr 2018 14:52

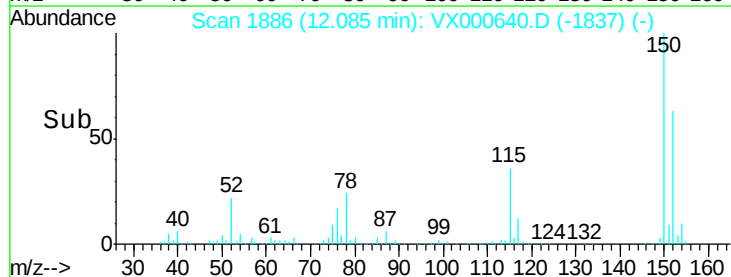
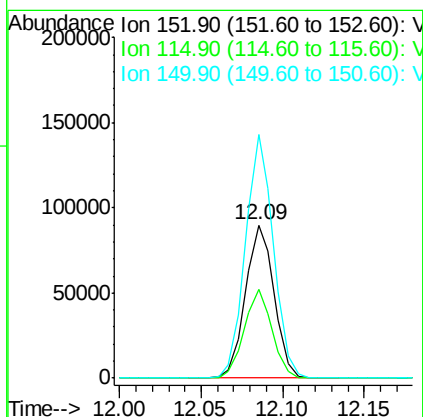
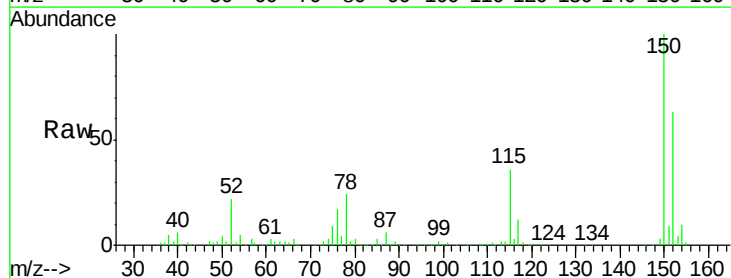
Instrument :
MSVOA_X
ClientSampled :
S6-TP

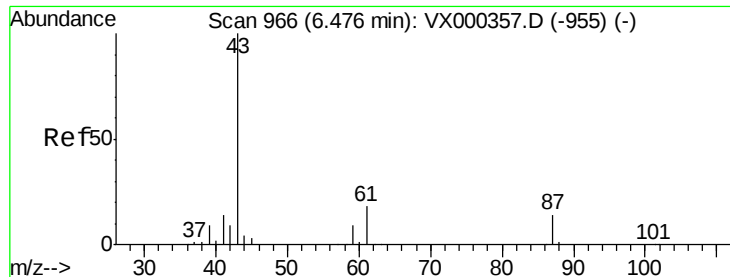
Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.6	43.8	65.8
119	31.3	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000640.D
Acq: 02 Apr 2018 14:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.8	119.3
150	155.6	0.0	344.4





#74

N-ethyl acetate

Concen: Below Cal

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

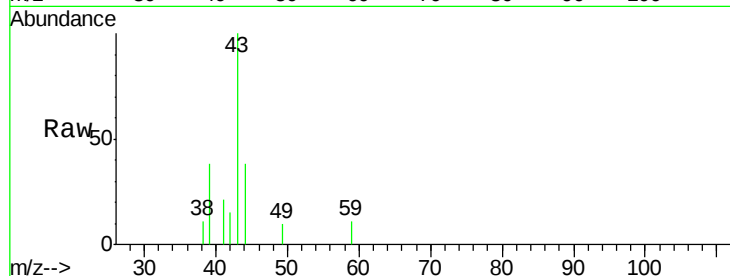
Instrument :

MSVOA_X

ClientSampleId :

S6-TP

Tgt Ion:	43	Resp:	1022
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	2.6	14.4	21.6#

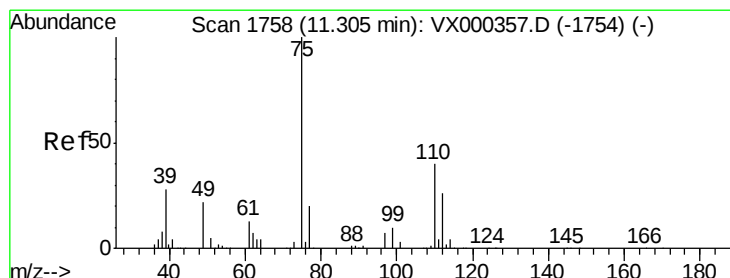
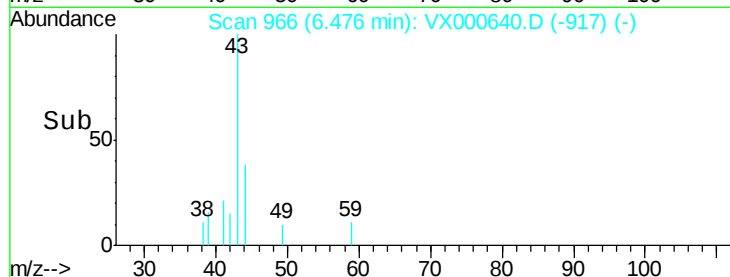
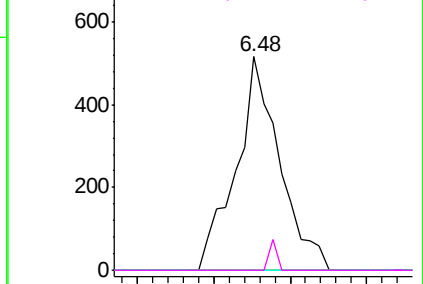


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 22.66 ug/l

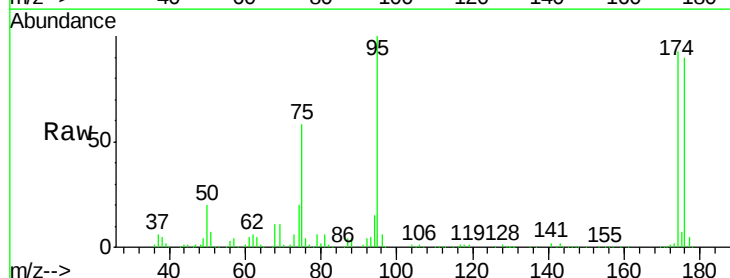
RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000640.D

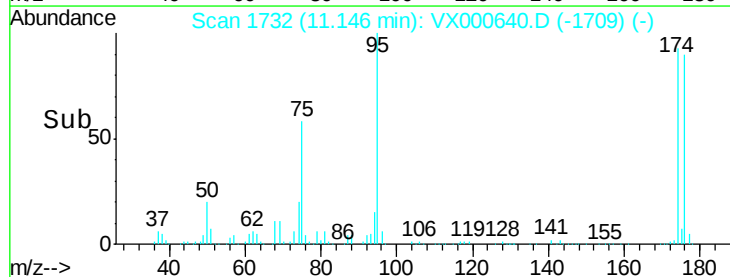
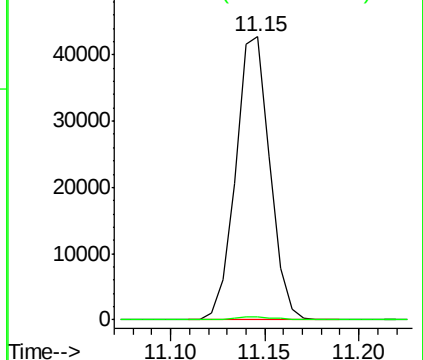
Acq: 02 Apr 2018 14:52

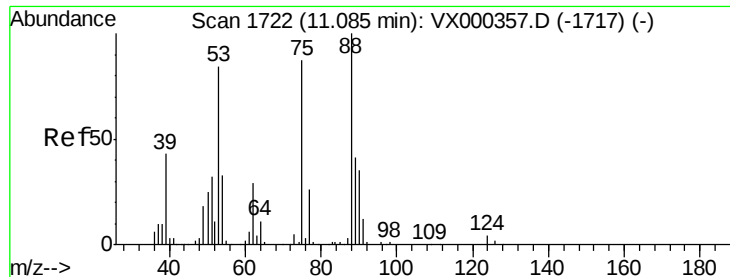
Tgt Ion:	75	Resp:	53482
Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.4	64.2#



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: 73.37 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

Instrument :

MSVOA_X

ClientSampled :

S6-TP

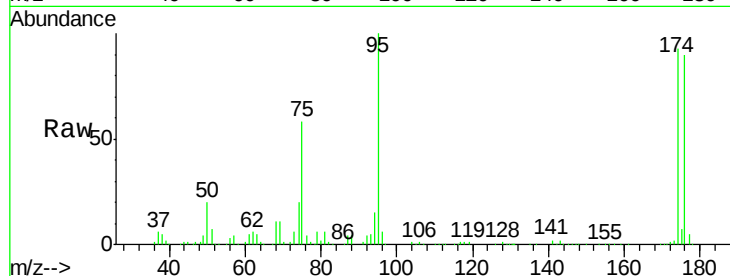
Tgt Ion: 75 Resp: 53482

Ion Ratio Lower Upper

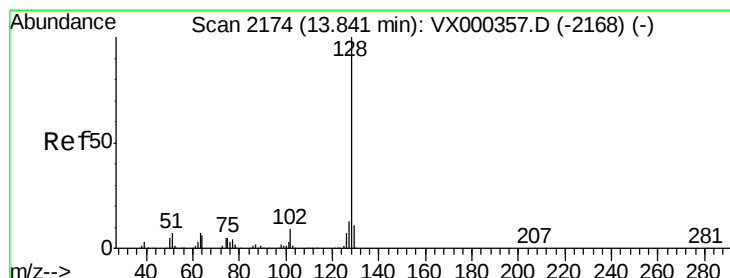
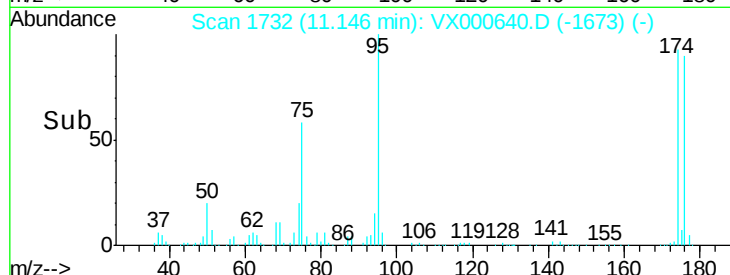
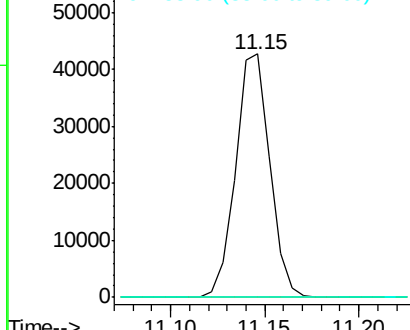
75 100

53 0.1 80.7 121.1#

89 0.1 39.4 59.0#



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



#95

Naphthalene

Concen: 0.27 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

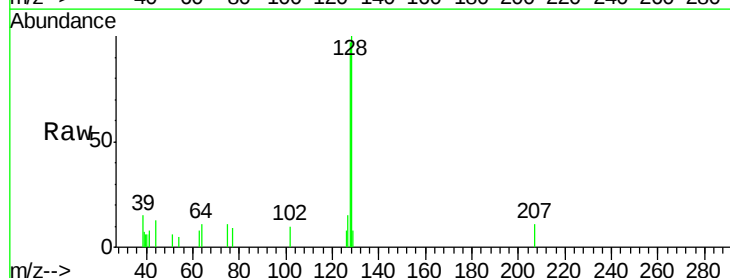
Tgt Ion: 128 Resp: 2445

Ion Ratio Lower Upper

128 100

127 7.8 10.6 15.8#

129 9.8 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

