

Data File : VX000368.D
Acq On : 20 Mar 2018 18:54
Operator : JC/MD
Sample : J1977-04 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SP

Quant Time: Mar 21 04:39:35 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 20 14:01:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	106217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	185718	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	177484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	85795	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	74723	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
35) Dibromofluoromethane	5.52	113	58641	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	8.73	98	230371	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
62) 4-Bromofluorobenzene	11.15	95	77380	39.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.58%	

Target Compounds			Qvalue			
6) Chloroethane	1.71	64	97	Below Cal	#	44
10) Methyl Iodide	2.52	142	167	4.39	ug/l #	39
13) Acrolein	2.34	56	45	14.86	ug/l #	13
14) Allyl chloride	2.75	41	67	Below Cal	#	75
16) Acetone	2.45	43	1799	1.56	ug/l	94
20) Methylene Chloride	2.87	84	1356	1.02	ug/l #	87
31) Cyclohexane	5.67	56	2646	1.51	ug/l #	58
36) 1,1-Dichloropropene	5.67	75	8314	4.78	ug/l #	50
38) Carbon Tetrachloride	5.68	117	10595	5.81	ug/l #	16
43) Isopropyl Acetate	6.48	43	979	0.28	ug/l #	77
74) N-amyl acetate	6.48	43	979	Below Cal	#	81
76) 1,2,3-Trichloropropane	11.15	75	45507	24.68	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	45507	79.91	ug/l #	9
95) Naphthalene	13.84	128	26284	3.75	ug/l	98

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

Data File : VX000368.D

Acq On : 20 Mar 2018 18:54

Operator : JC/MD

Sample : J1977-04 5X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SP

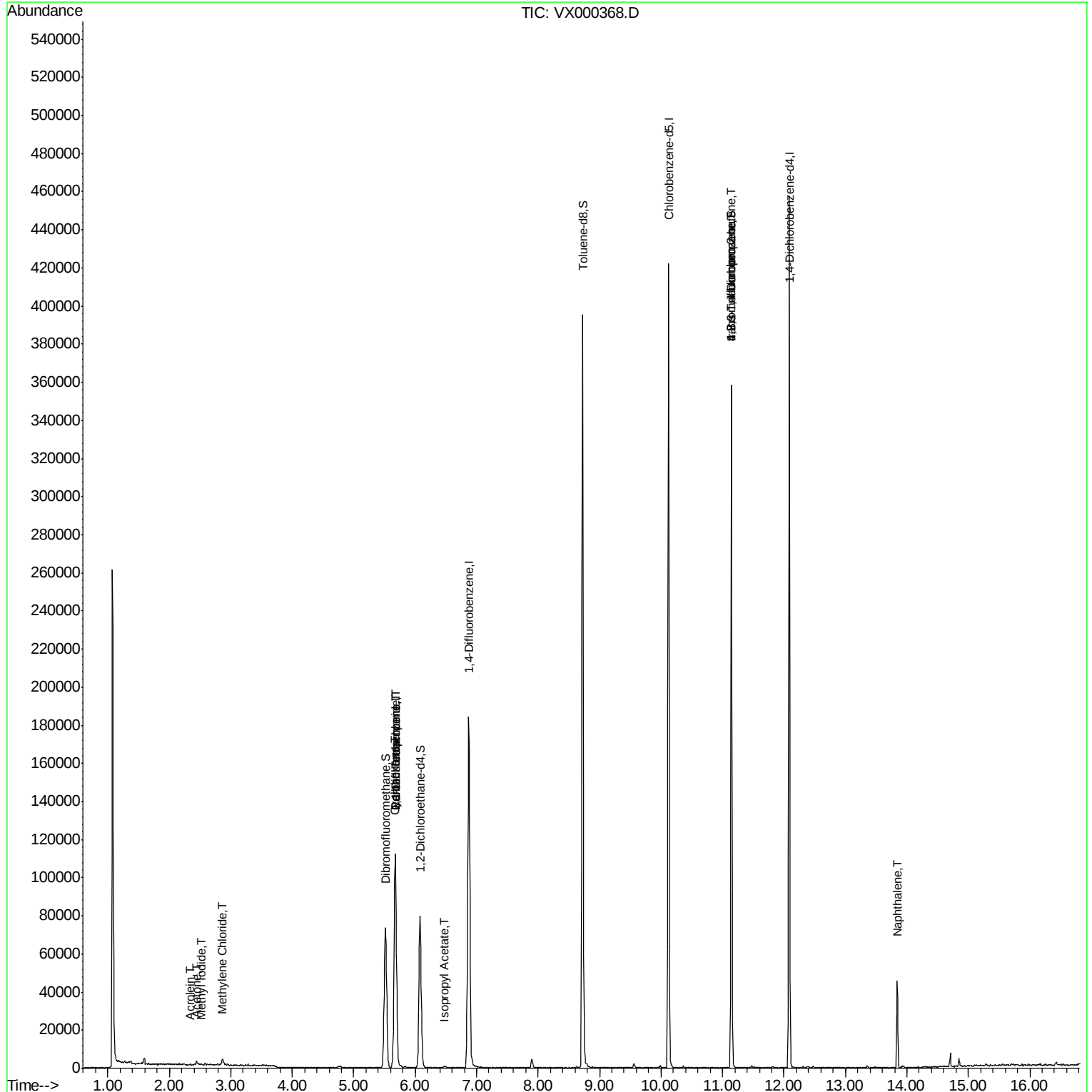
Quant Time: Mar 21 04:39:35 2018

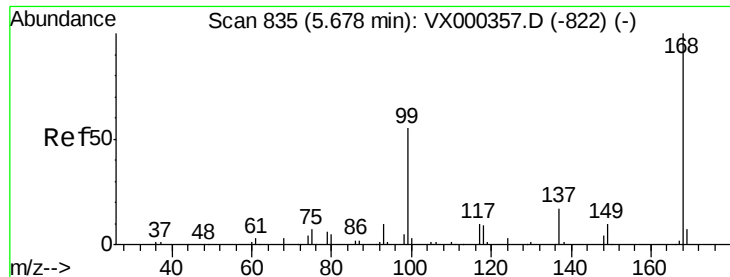
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Tue Mar 20 14:01:51 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000368.D

Acq: 20 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampled :

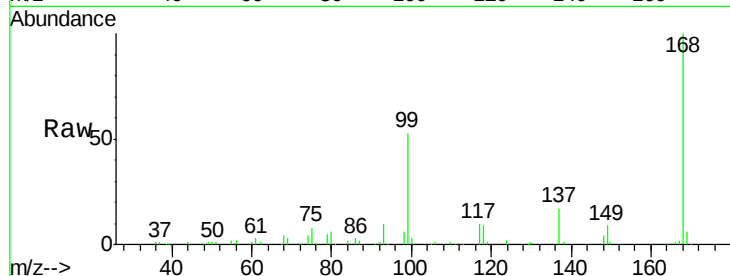
SP

Tgt Ion: 168 Resp: 106217

Ion Ratio Lower Upper

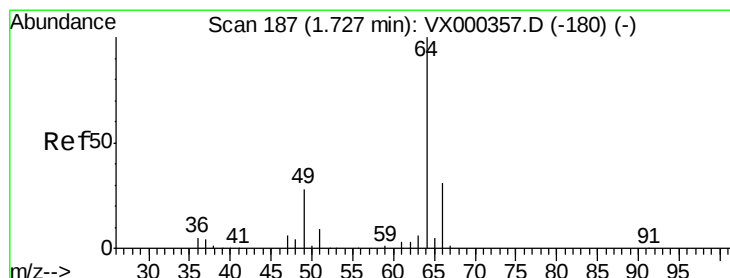
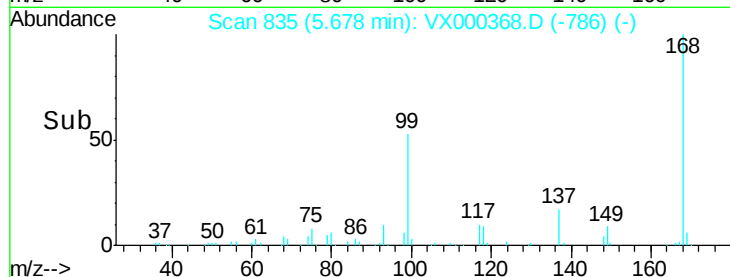
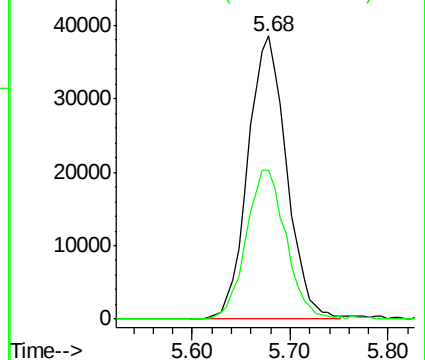
168 100

99 52.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000368.D

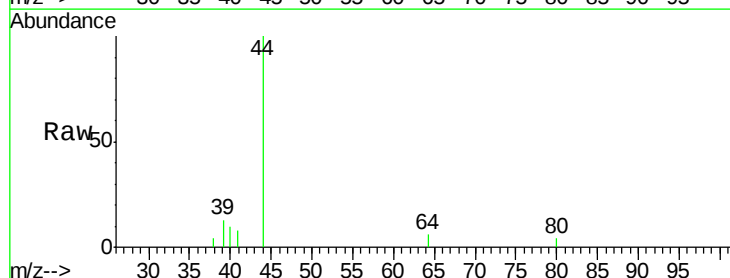
Acq: 20 Mar 2018 18:54

Tgt Ion: 64 Resp: 97

Ion Ratio Lower Upper

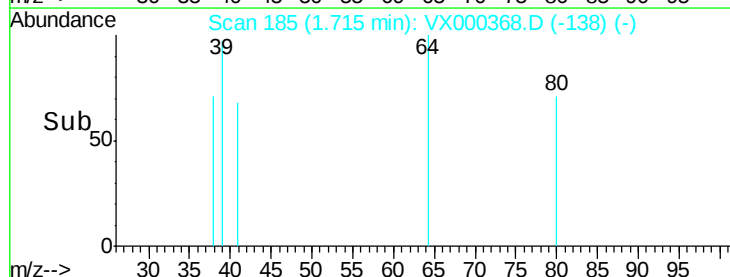
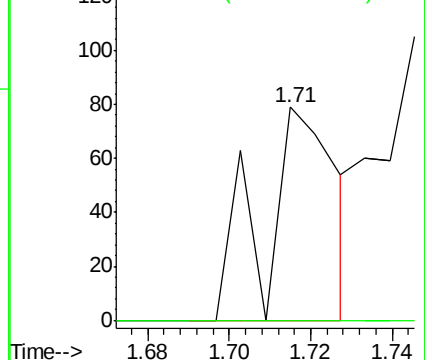
64 100

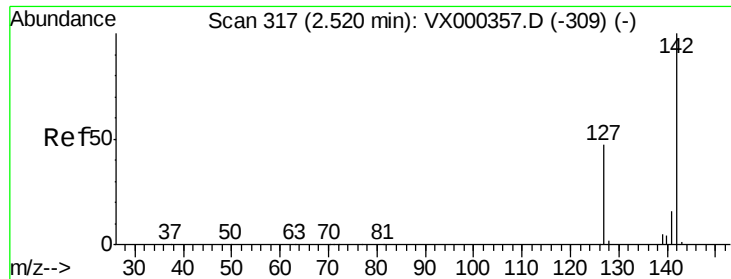
66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

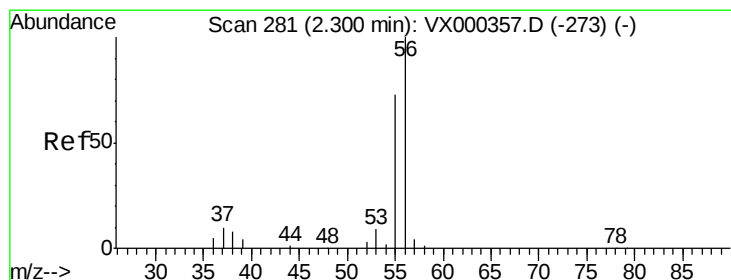
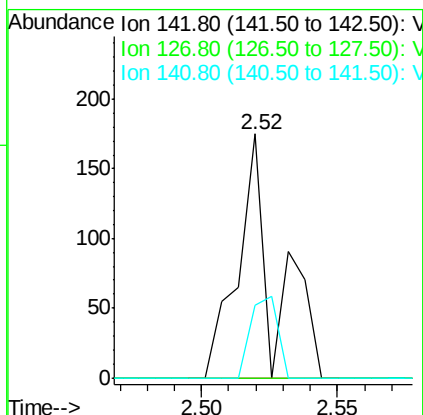
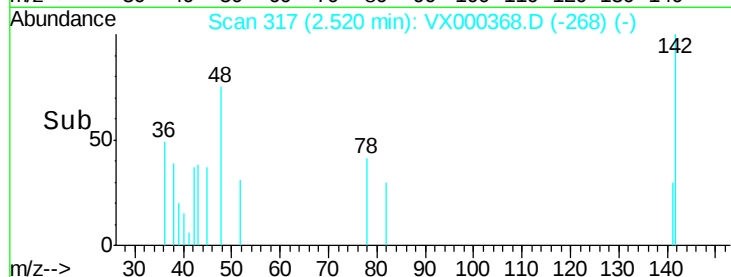
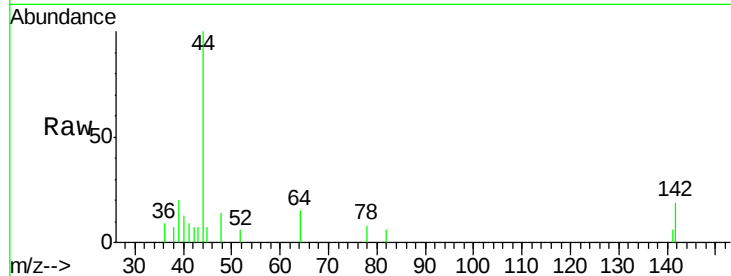




#10
Methyl Iodide
Concen: 4.39 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000368.D
Acq: 20 Mar 2018 18:54

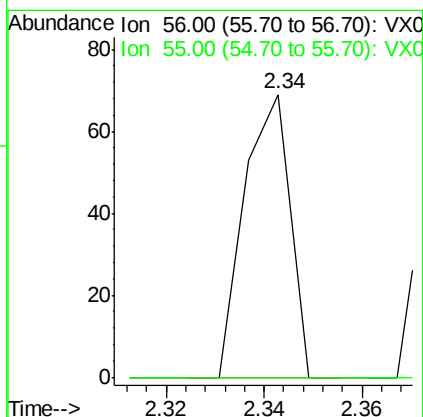
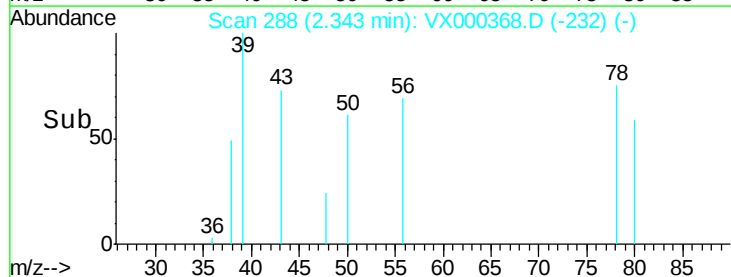
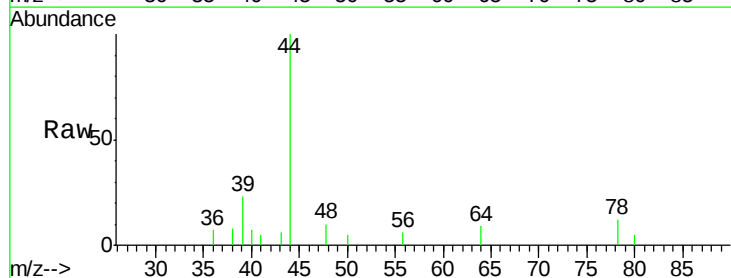
Instrument :
MSVOA_X
ClientSampled :
SP

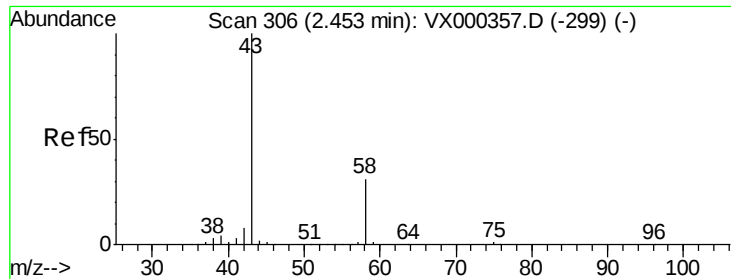
Tgt Ion: 142 Resp: 167
Ion Ratio Lower Upper
142 100
127 0.0 39.2 58.8#
141 24.0 11.7 17.5#



#13
Acrolein
Concen: 14.86 ug/l
RT: 2.34 min Scan# 288
Delta R.T. 0.04 min
Lab File: VX000368.D
Acq: 20 Mar 2018 18:54

Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 58.8 88.2#





#16

Acetone

Concen: 1.56 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000368.D

Acq: 20 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

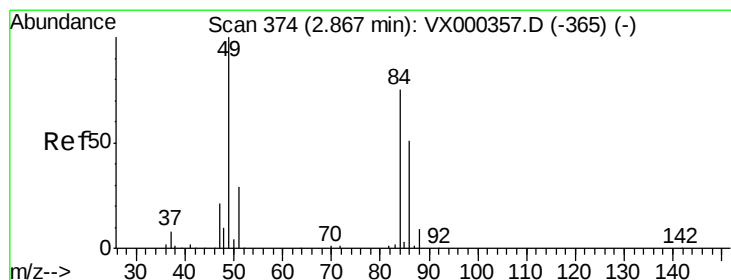
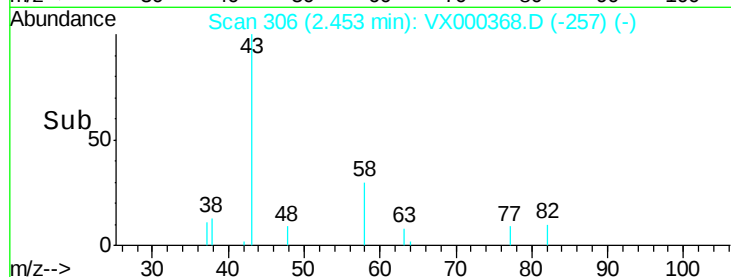
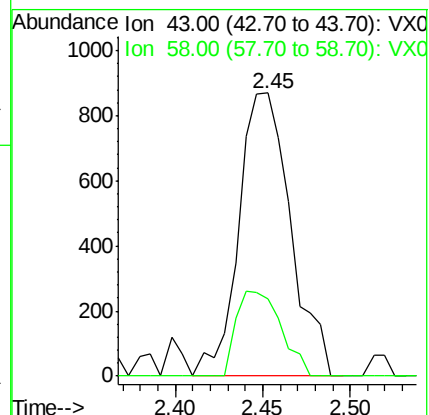
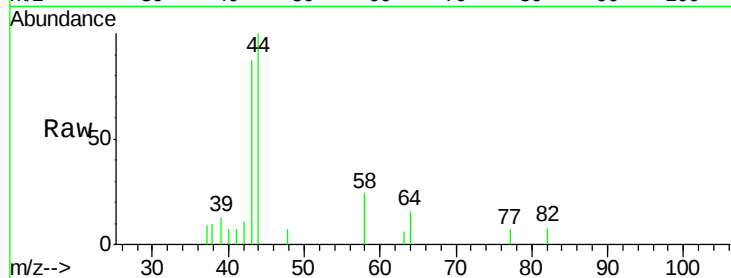
SP

Tgt Ion: 43 Resp: 1799

Ion Ratio Lower Upper

43 100

58 27.4 24.7 37.1



#20

Methylene Chloride

Concen: 1.02 ug/l

RT: 2.87 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX000368.D

Acq: 20 Mar 2018 18:54

Tgt Ion: 84 Resp: 1356

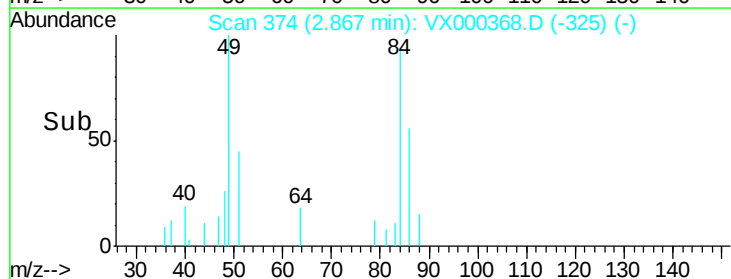
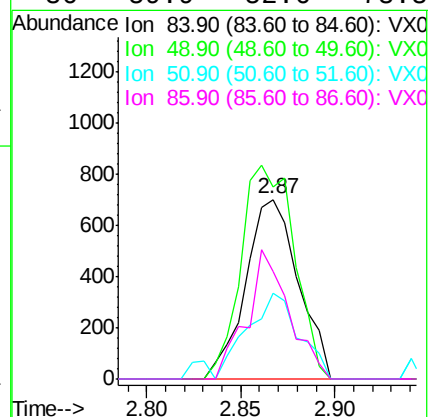
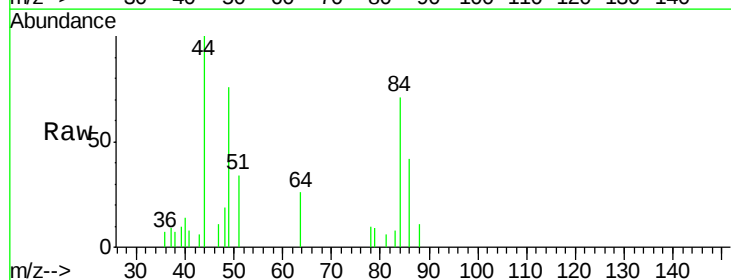
Ion Ratio Lower Upper

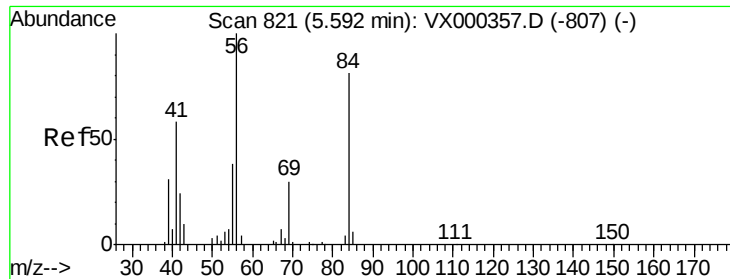
84 100

49 106.7 100.6 151.0

51 47.6 31.6 47.4#

86 59.9 52.6 78.8

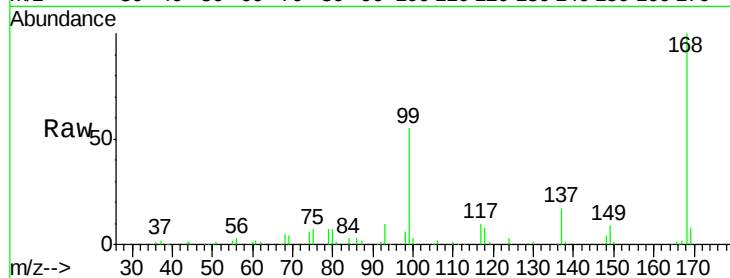




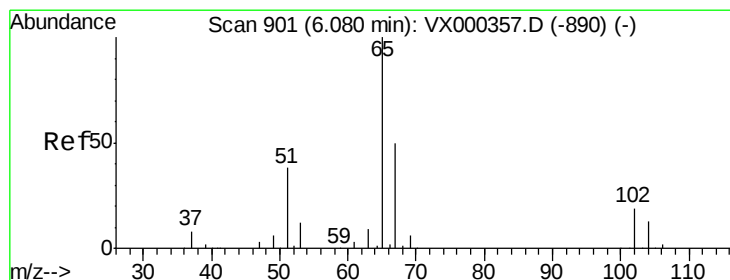
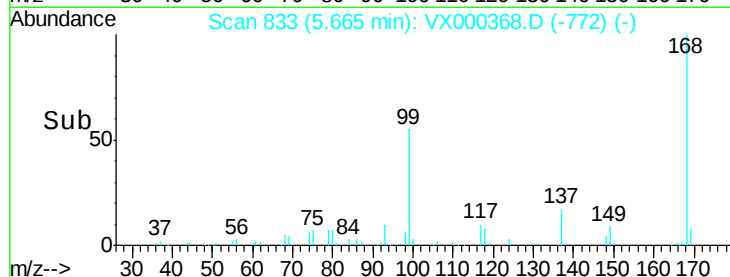
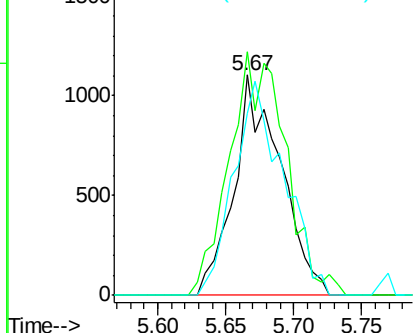
#31
Cyclohexane
Concen: 1.51 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.07 min
Lab File: VX000368.D
Acq: 20 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampled :
SP

Tgt Ion: 56 Resp: 2646
Ion Ratio Lower Upper
56 100
69 110.6 23.4 35.0#
84 83.0 71.0 106.4

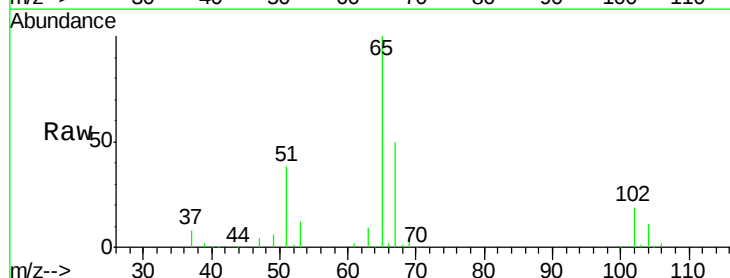


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

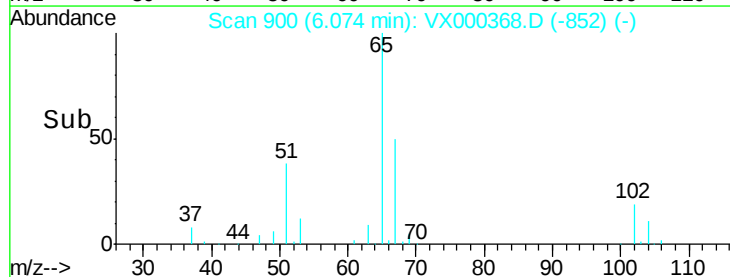
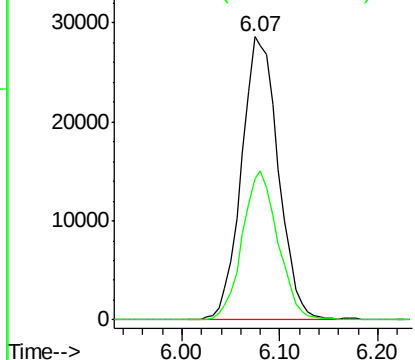


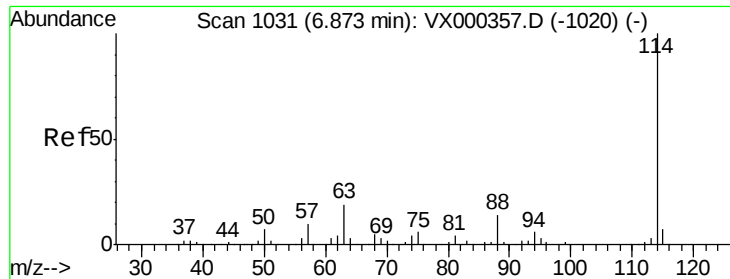
#33
1,2-Dichloroethane-d4
Concen: 53.89 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX000368.D
Acq: 20 Mar 2018 18:54

Tgt Ion: 65 Resp: 74723
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

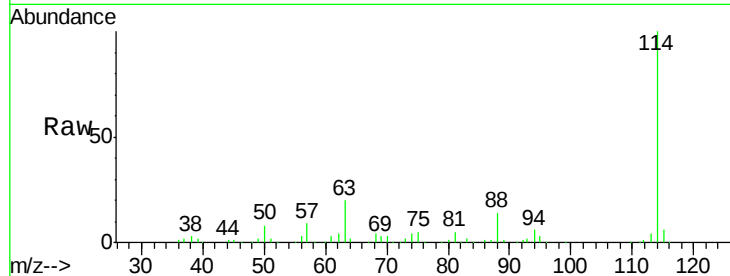




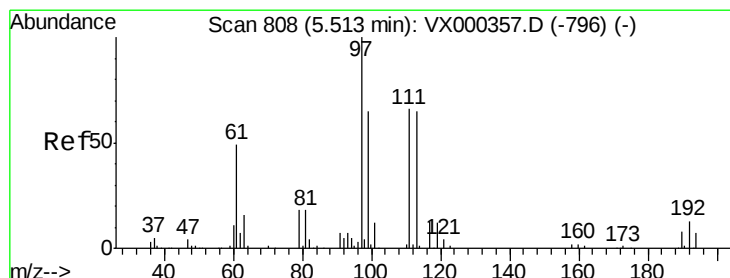
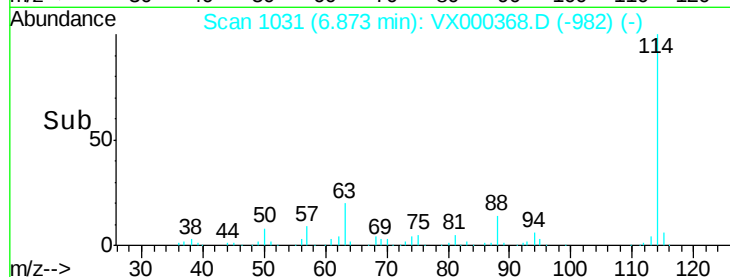
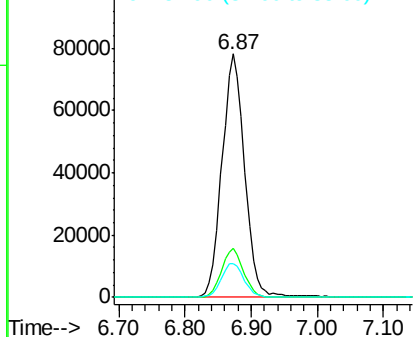
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000368.D
 Acq: 20 Mar 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SP

Tgt Ion:114 Resp: 185718
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.4
 88 13.9 0.0 27.0

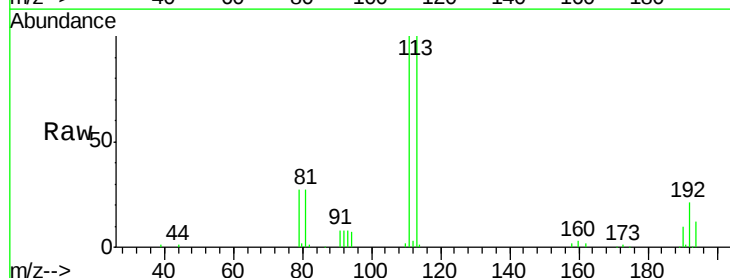


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

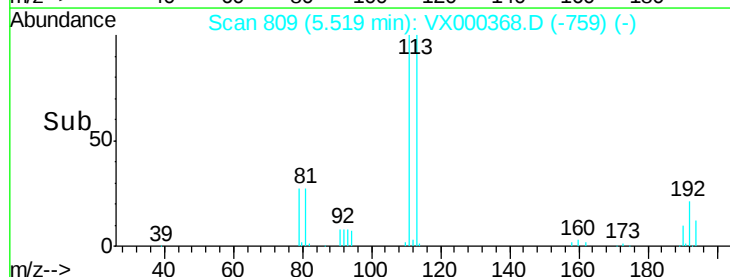
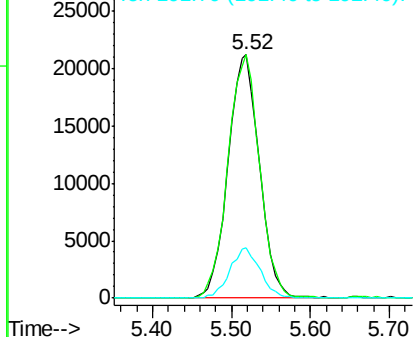


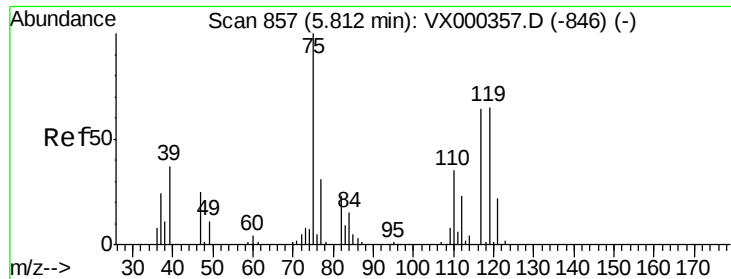
#35
 Dibromofluoromethane
 Concen: 50.11 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000368.D
 Acq: 20 Mar 2018 18:54

Tgt Ion:113 Resp: 58641
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.4 123.6
 192 19.9 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

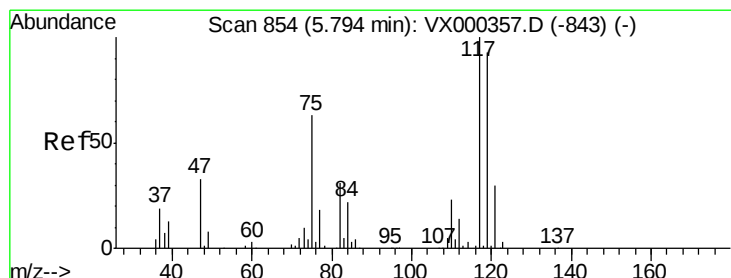
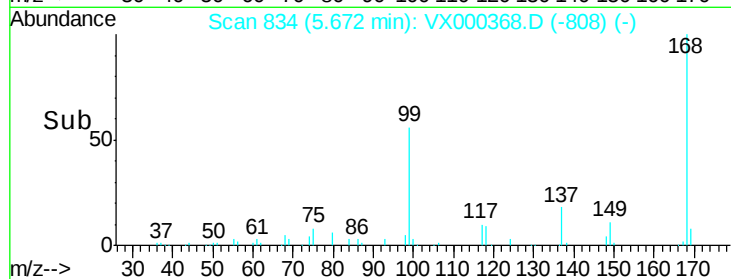
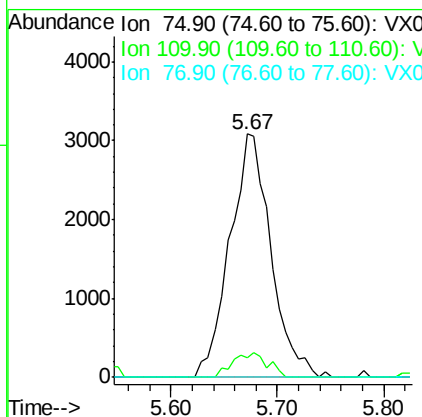
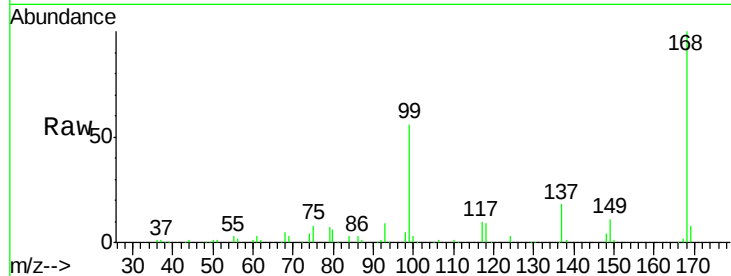




#36
 1,1-Dichloropropene
 Concen: 4.78 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.14 min
 Lab File: VX000368.D
 Acq: 20 Mar 2018 18:54

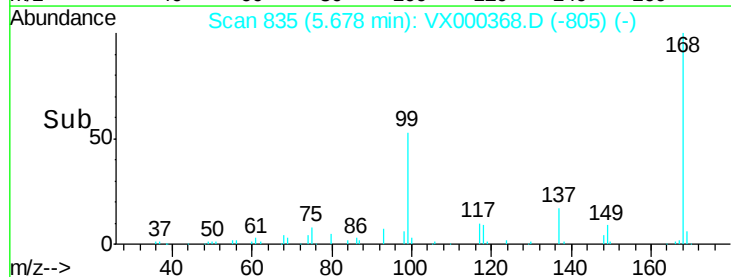
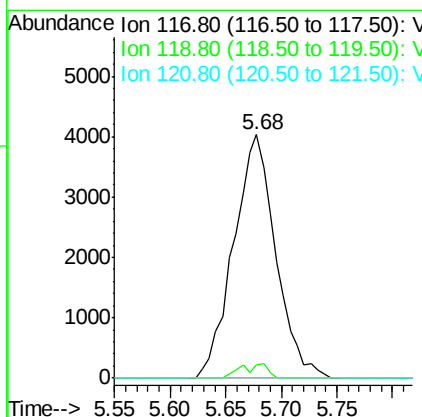
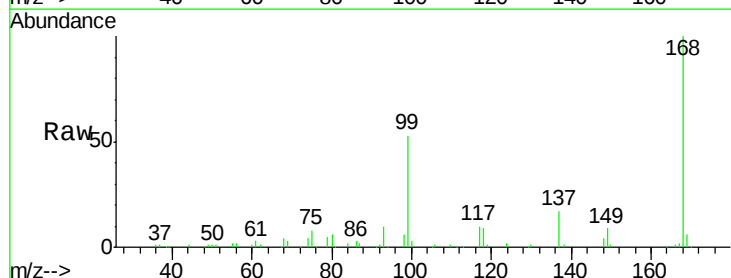
Instrument :
 MSVOA_X
 ClientSampleId :
 SP

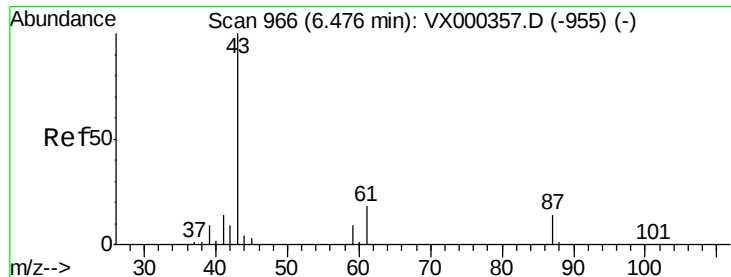
Tgt Ion: 75 Resp: 8314
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.9 53.7#
 77 0.0 24.0 36.0#



#38
 Carbon Tetrachloride
 Concen: 5.81 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.12 min
 Lab File: VX000368.D
 Acq: 20 Mar 2018 18:54

Tgt Ion: 117 Resp: 10595
 Ion Ratio Lower Upper
 117 100
 119 5.3 77.4 116.2#
 121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 0.28 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000368.D

Acq: 20 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

SP

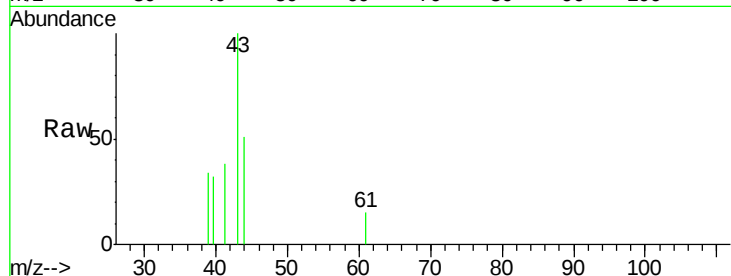
Tgt Ion: 43 Resp: 979

Ion Ratio Lower Upper

43 100

61 9.8 14.4 21.6#

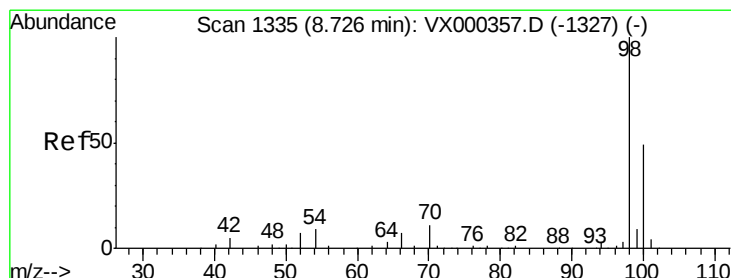
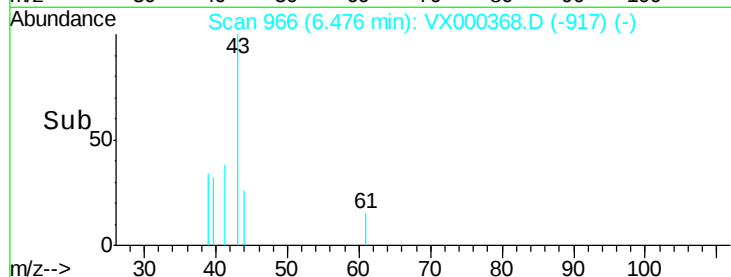
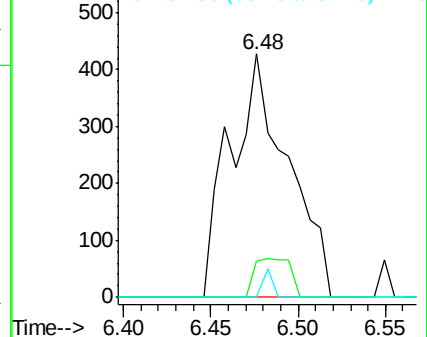
87 1.9 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 47.53 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000368.D

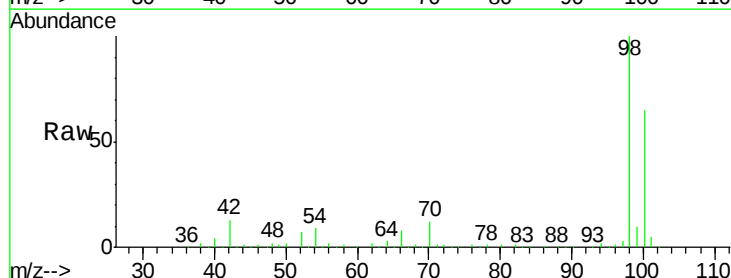
Acq: 20 Mar 2018 18:54

Tgt Ion: 98 Resp: 230371

Ion Ratio Lower Upper

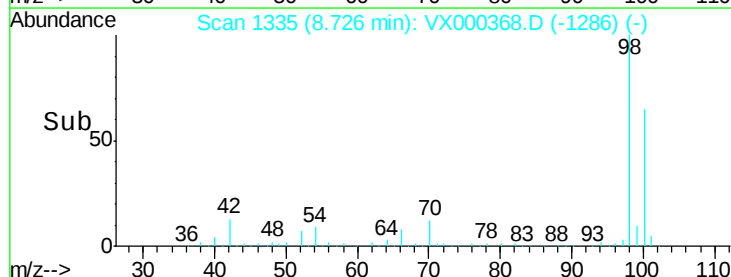
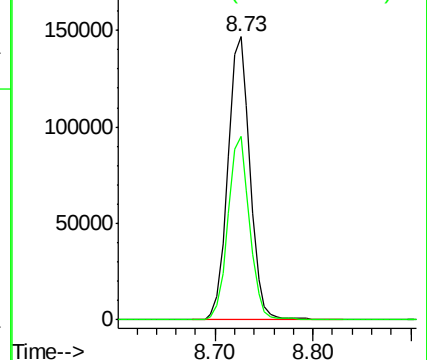
98 100

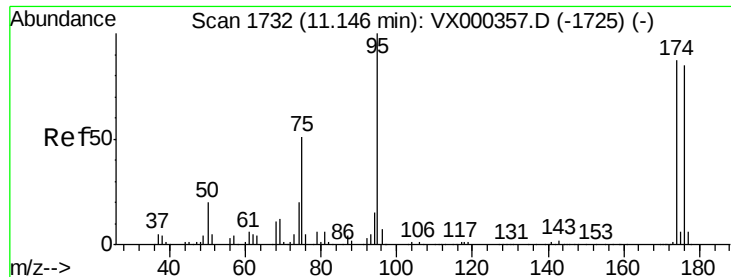
100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 39.29 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000368.D

Acq: 20 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

SP

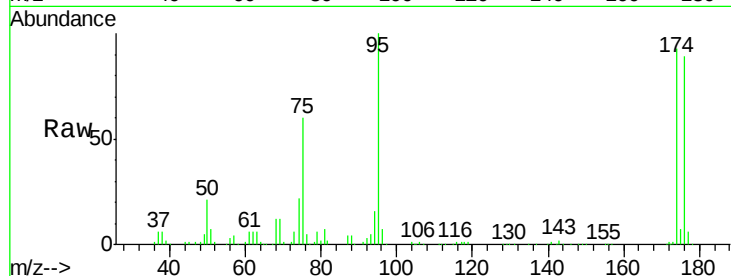
Tgt Ion: 95 Resp: 77380

Ion Ratio Lower Upper

95 100

174 90.2 0.0 173.6

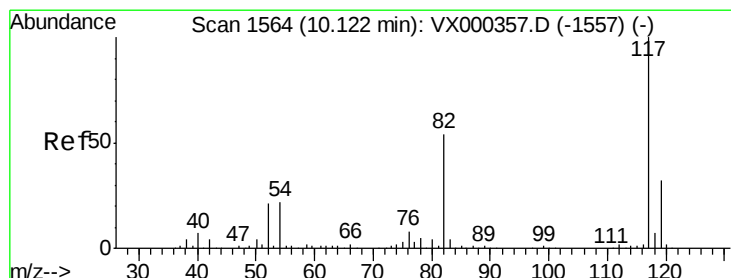
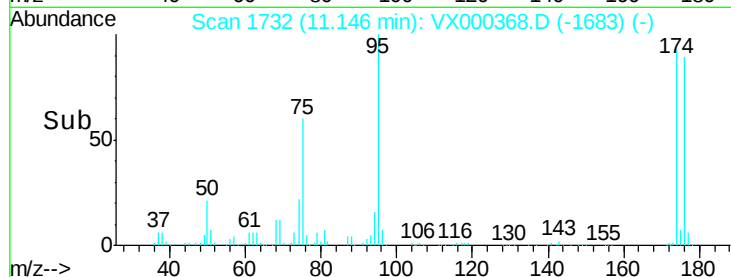
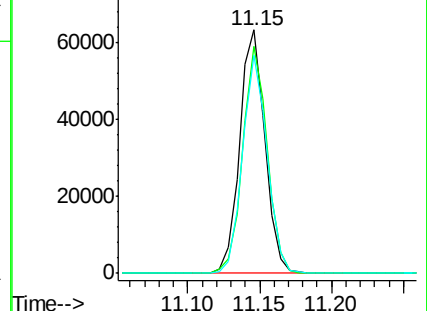
176 87.1 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000357.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000357.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000357.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000368.D

Acq: 20 Mar 2018 18:54

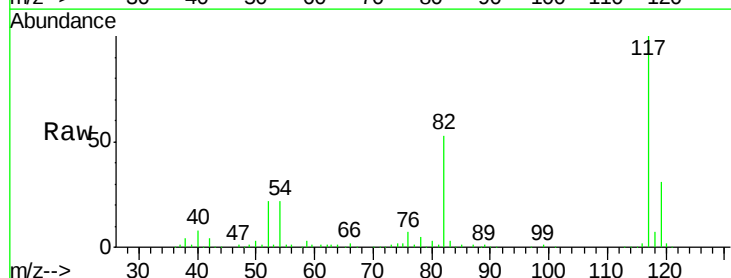
Tgt Ion: 117 Resp: 177484

Ion Ratio Lower Upper

117 100

82 52.9 43.8 65.8

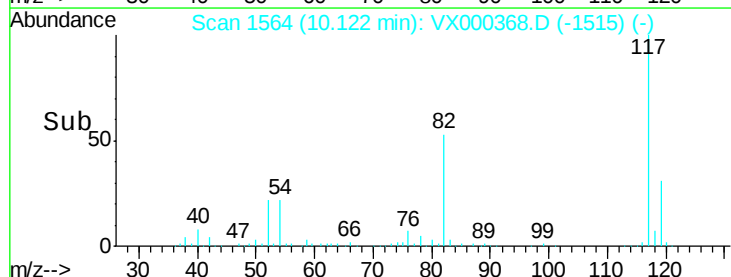
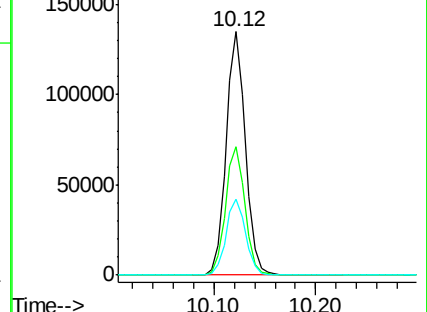
119 31.3 24.9 37.3

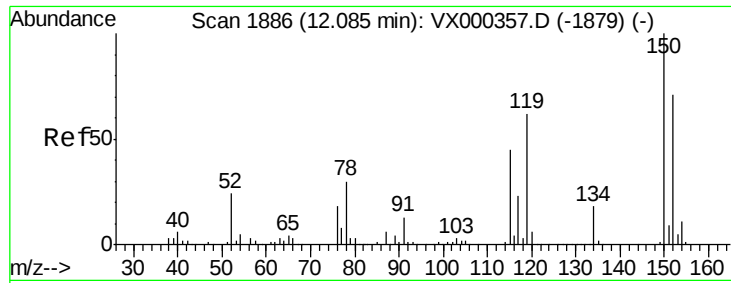


Abundance Ion 116.90 (116.60 to 117.60): VX000357.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000357.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000357.D (-1557) (-)



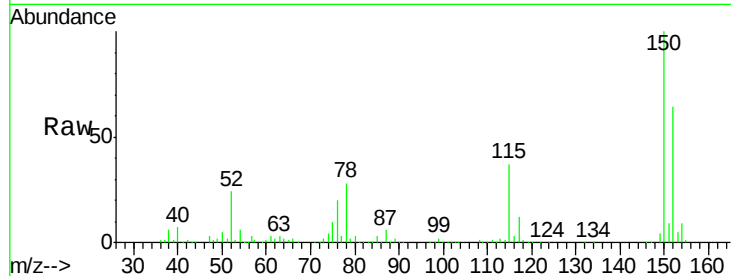


#72

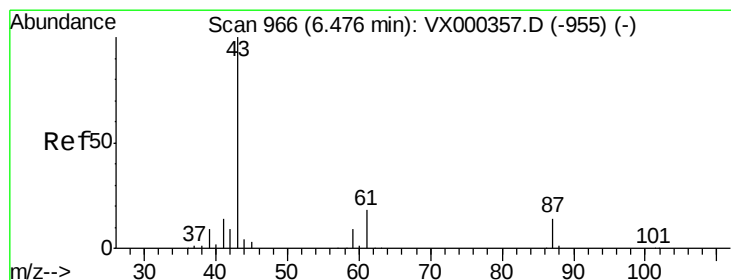
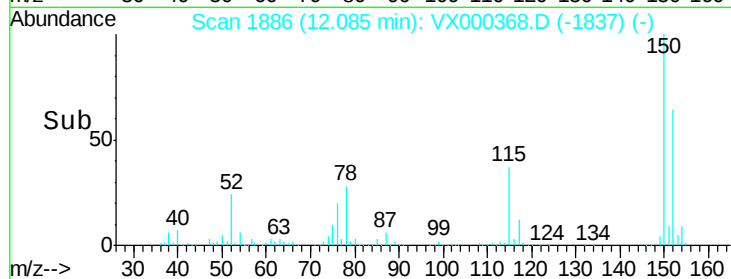
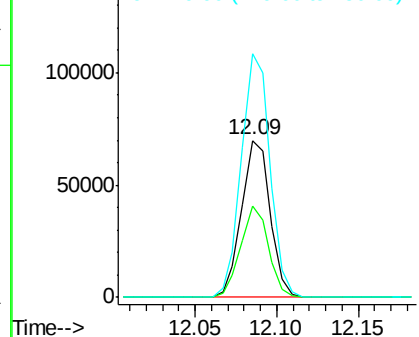
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000368.D
Acq: 20 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampled :
SP

Tgt Ion: 152 Resp: 85795
Ion Ratio Lower Upper
152 100
115 56.6 39.8 119.3
150 155.1 0.0 344.4



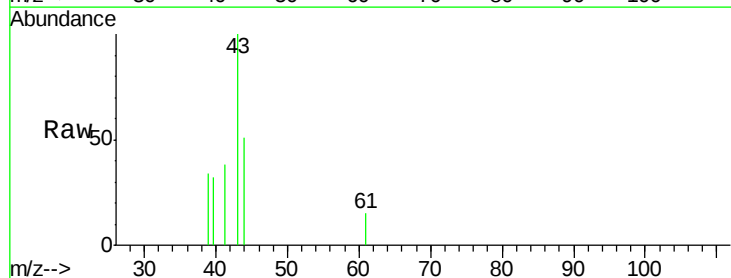
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



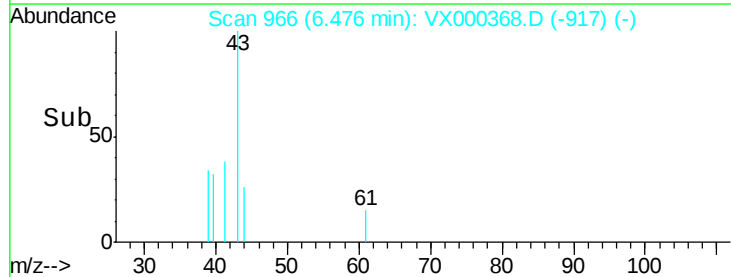
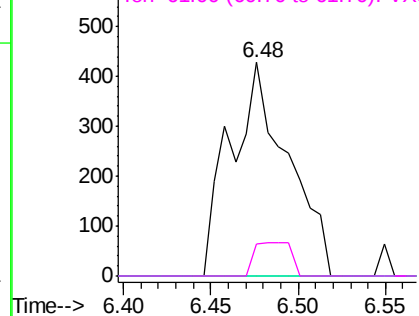
#74

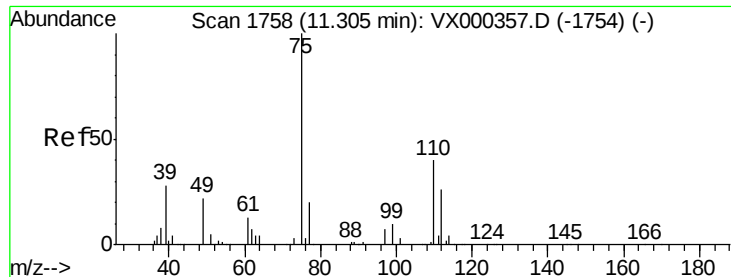
N-ethyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX000368.D
Acq: 20 Mar 2018 18:54

Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.0 0.0 0.0
61 9.8 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

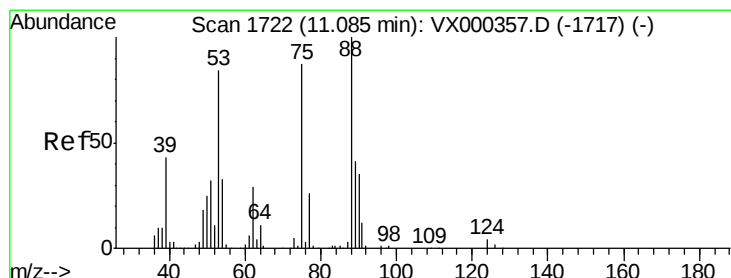
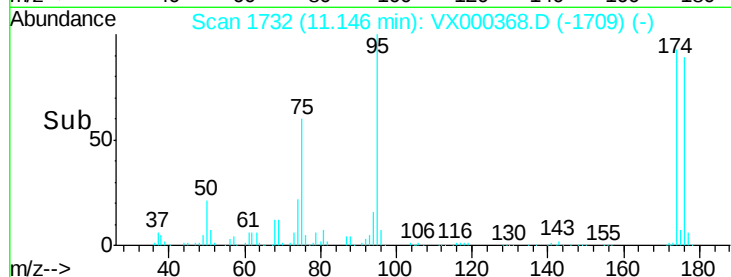
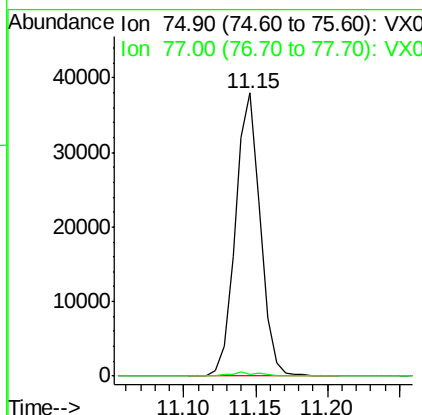
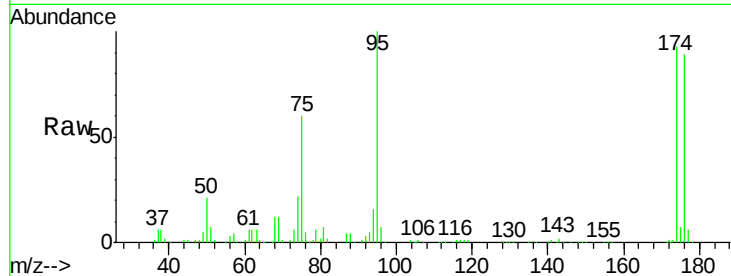




#76
 1,2,3-Trichloropropane
 Concen: 24.68 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000368.D
 Acq: 20 Mar 2018 18:54

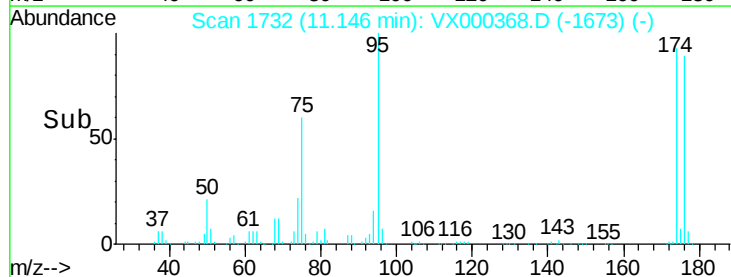
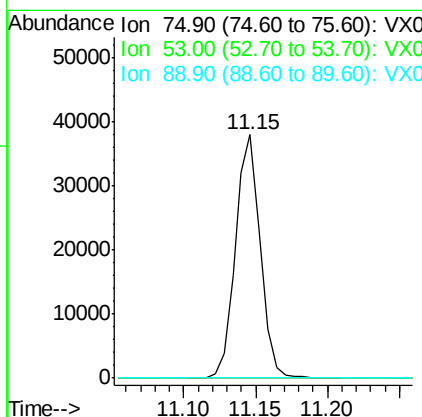
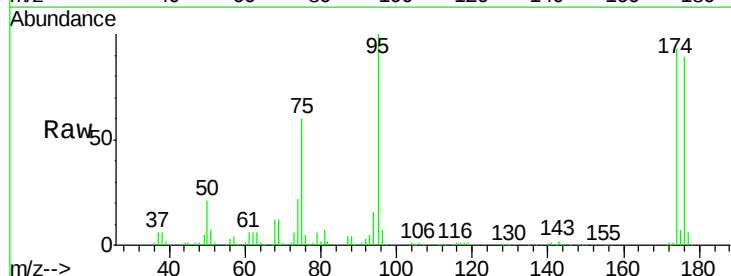
Instrument :
 MSVOA_X
 ClientSampleId :
 SP

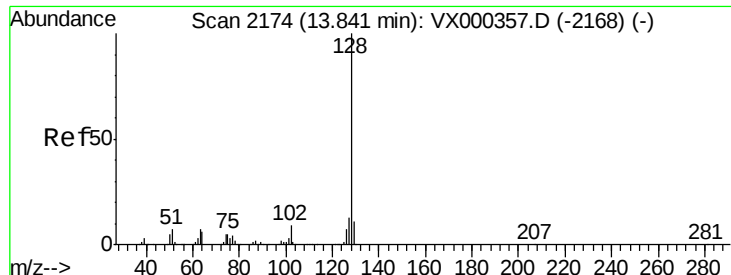
Tgt Ion: 75 Resp: 45507
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.4 64.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.91 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000368.D
 Acq: 20 Mar 2018 18:54

Tgt Ion: 75 Resp: 45507
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.7 121.1#
 89 0.1 39.4 59.0#





#95
Naphthalene
Concen: 3.75 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000368.D
Acq: 20 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
SP

Tgt Ion:128 Resp: 26284
Ion Ratio Lower Upper
128 100
127 12.0 10.6 15.8
129 11.3 8.9 13.3

