

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032718\
 Data File : VX000472.D
 Acq On : 27 Mar 2018 21:10
 Operator : JC/MD
 Sample : J2074-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-032618

Quant Time: Mar 28 06:55:48 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	107405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	198089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	192778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	100946	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	80854	57.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.34%	
35) Dibromofluoromethane	5.51	113	63711	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	8.73	98	246929	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.15	95	84171	39.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.90%	

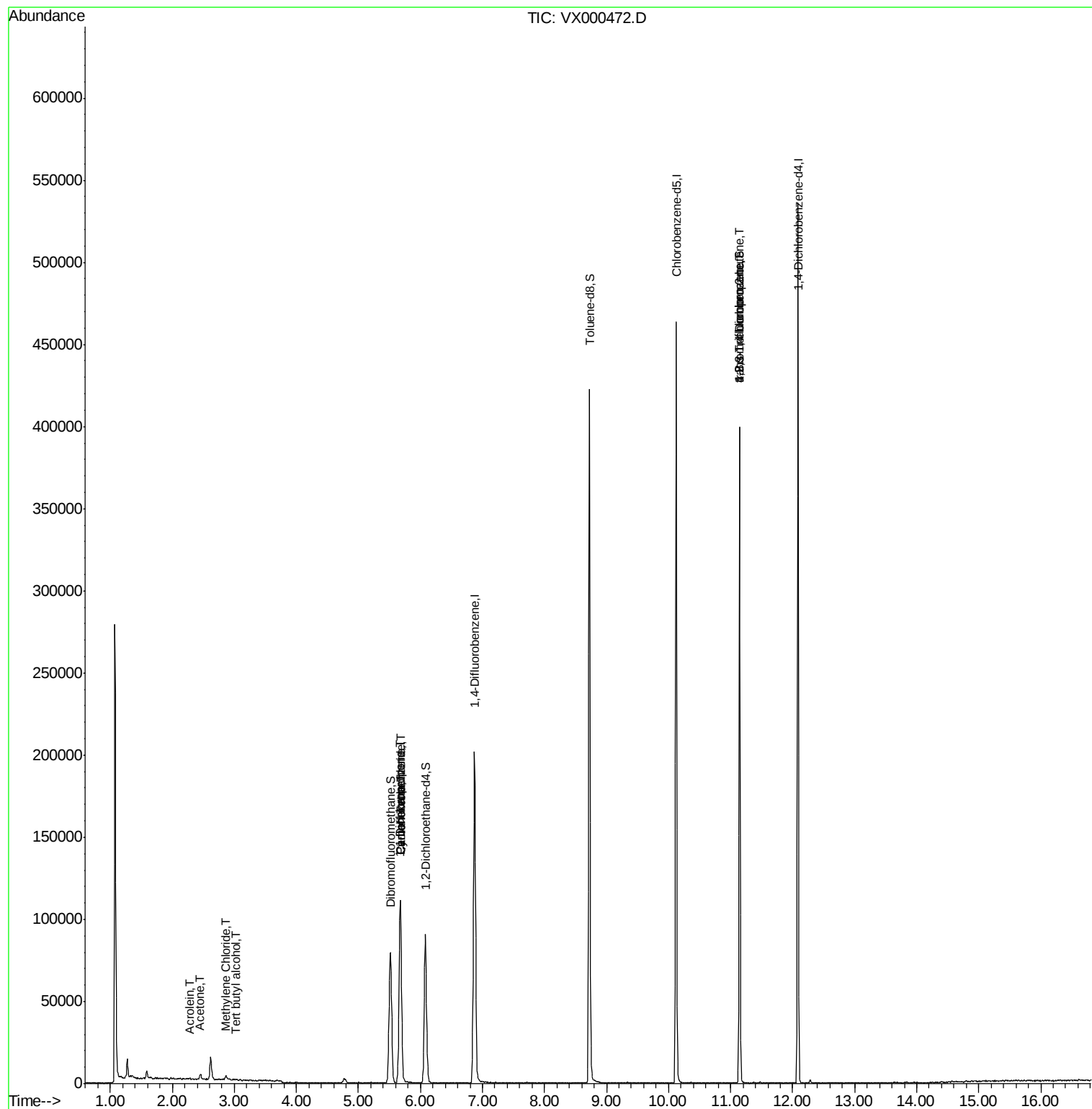
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.75	64	375	Below Cal	#	44
11) Tert butyl alcohol	3.03	59	230	0.48	ug/l #	72
13) Acrolein	2.28	56	26	14.74	ug/l #	13
14) Allyl chloride	2.73	41	196	Below Cal	#	50
16) Acetone	2.45	43	2782	2.39	ug/l	93
20) Methylene Chloride	2.87	84	833	0.62	ug/l	84
31) Cyclohexane	5.67	56	2671	1.51	ug/l #	50
36) 1,1-Dichloropropene	5.67	75	8524	4.59	ug/l #	50
38) Carbon Tetrachloride	5.67	117	10892	5.60	ug/l #	18
74) N-amyl acetate	6.49	43	64	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	49897	23.00	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	49897	74.46	ug/l #	9

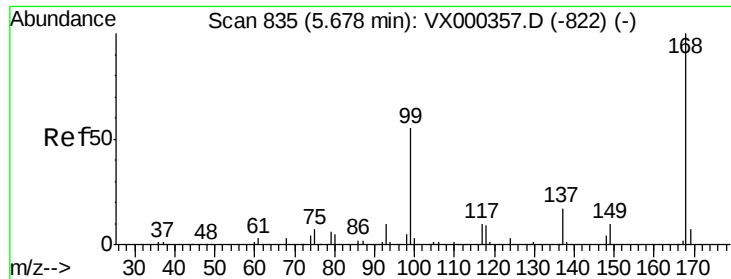
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000472.D

Acq: 27 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampled :

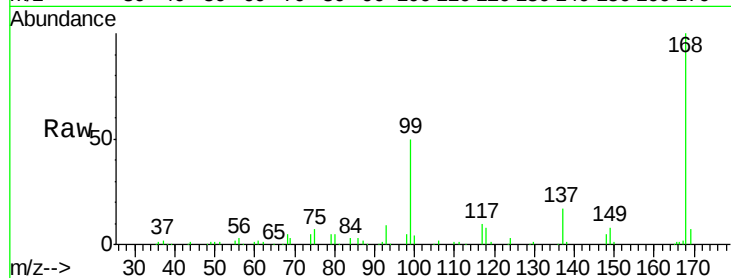
FB-032618

Tgt Ion:168 Resp: 107405

Ion Ratio Lower Upper

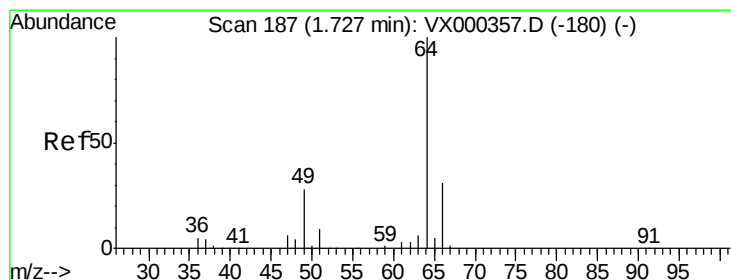
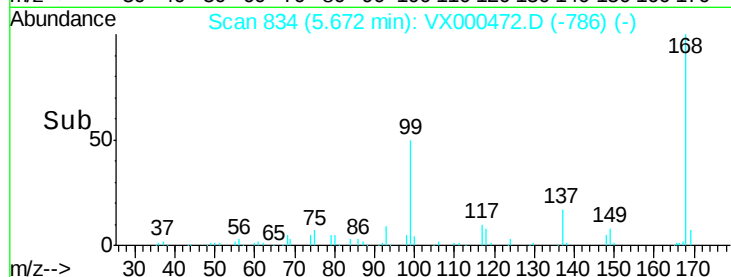
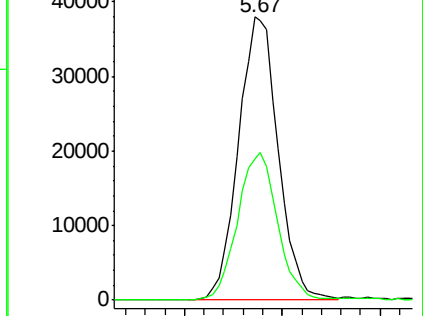
168 100

99 49.9 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: 1.75 min Scan# 190

Delta R.T. 0.02 min

Lab File: VX000472.D

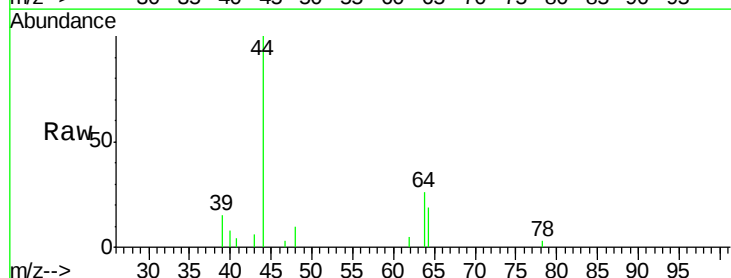
Acq: 27 Mar 2018 21:10

Tgt Ion: 64 Resp: 375

Ion Ratio Lower Upper

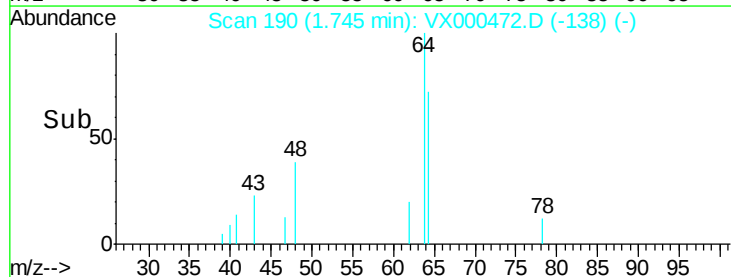
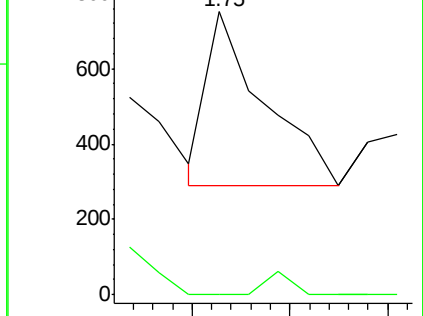
64 100

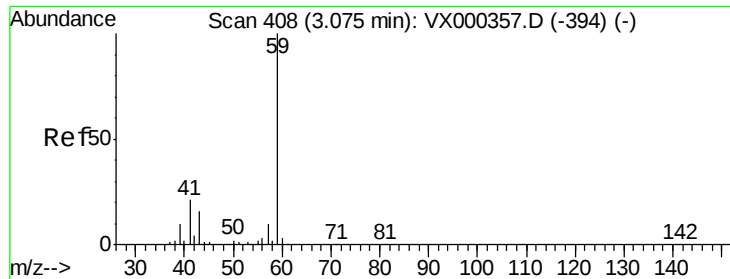
66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

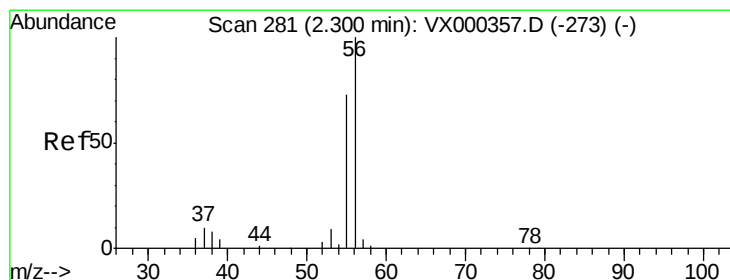
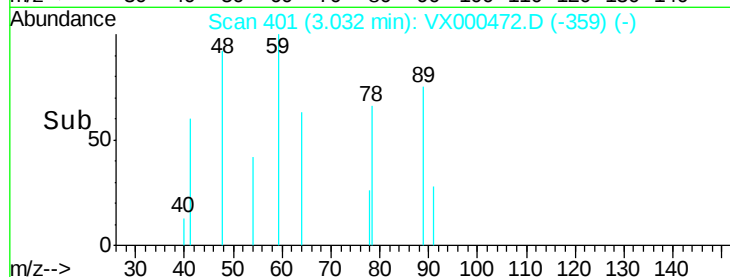
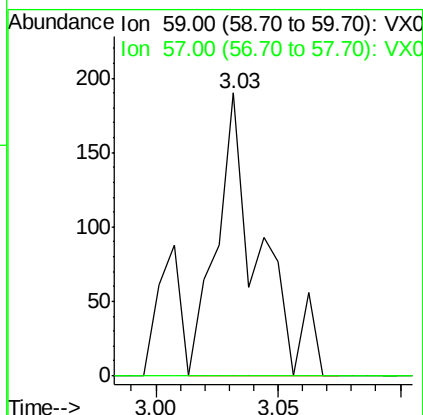
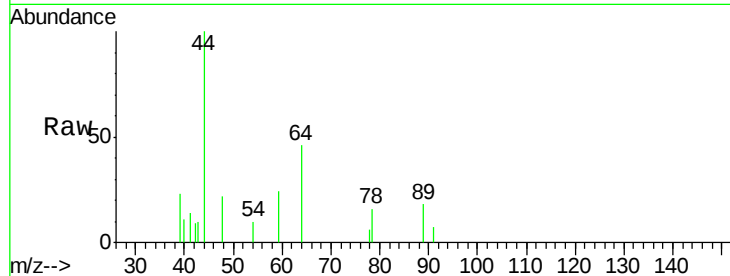




#11
Tert butyl alcohol
Concen: 0.48 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.04 min
Lab File: VX000472.D
Acq: 27 Mar 2018 21:10

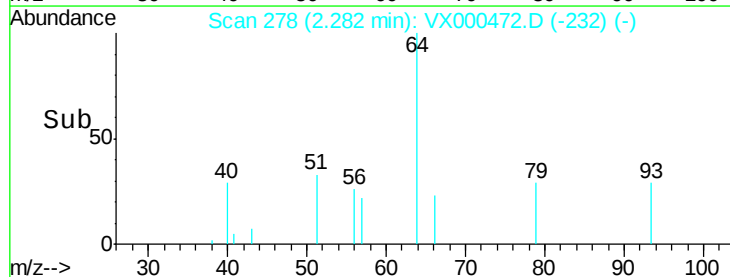
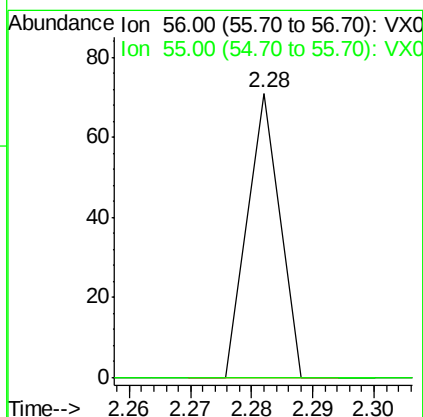
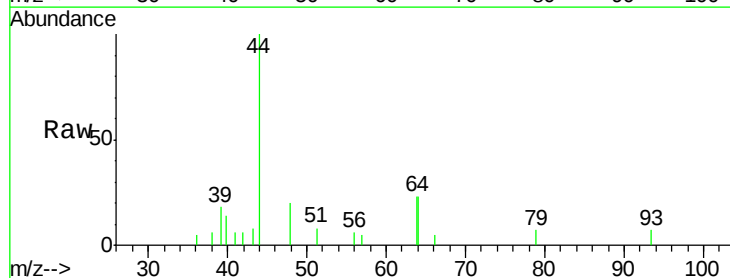
Instrument :
MSVOA_X
ClientSampled :
FB-032618

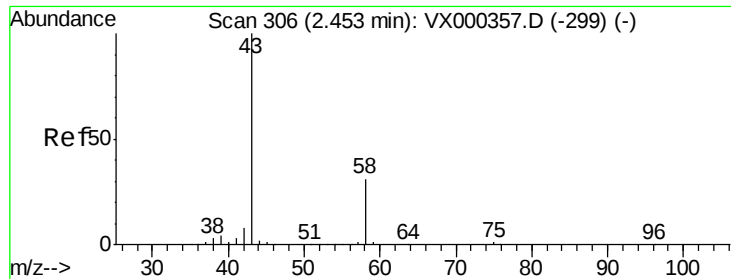
Tgt Ion: 59 Resp: 230
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#13
Acrolein
Concen: 14.74 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.02 min
Lab File: VX000472.D
Acq: 27 Mar 2018 21:10

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 0.0 58.8 88.2#





#16

Acetone

Concen: 2.39 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000472.D

Acq: 27 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

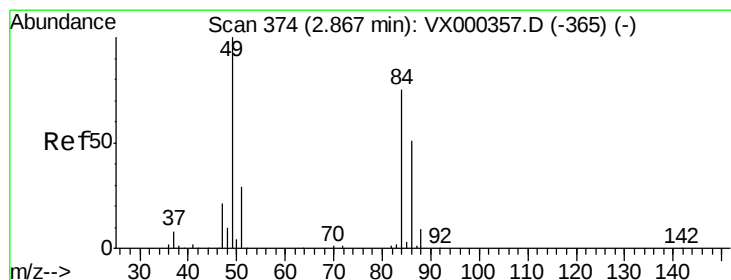
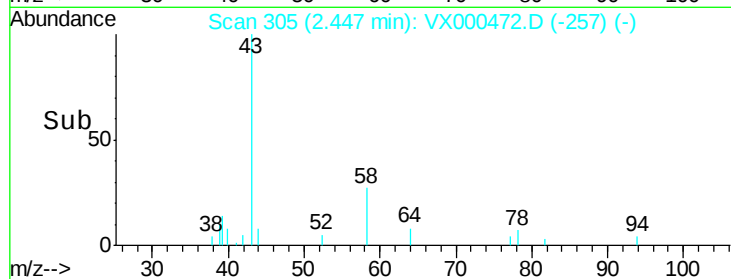
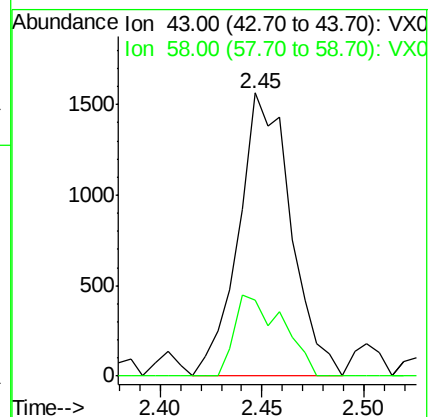
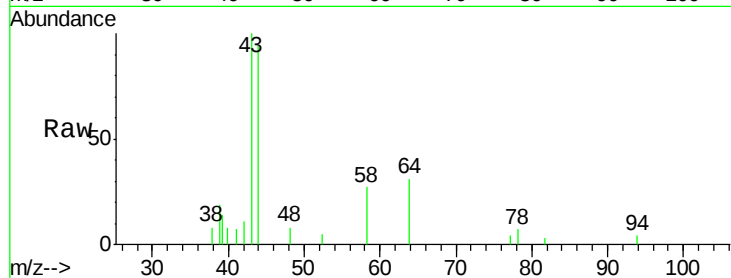
FB-032618

Tgt Ion: 43 Resp: 2782

Ion Ratio Lower Upper

43 100

58 26.8 24.7 37.1



#20

Methylene Chloride

Concen: 0.62 ug/l

RT: 2.87 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX000472.D

Acq: 27 Mar 2018 21:10

Tgt Ion: 84 Resp: 833

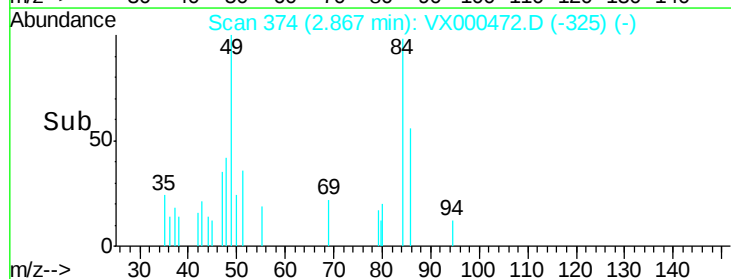
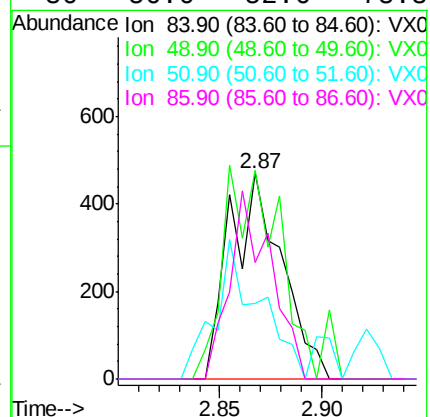
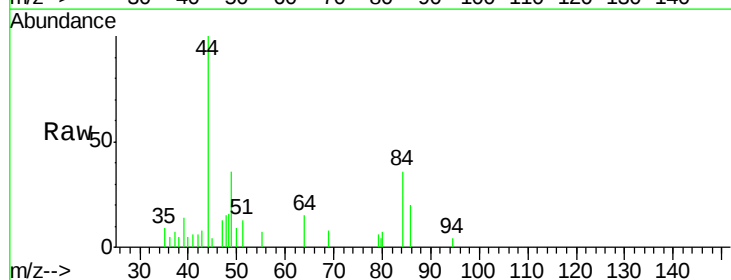
Ion Ratio Lower Upper

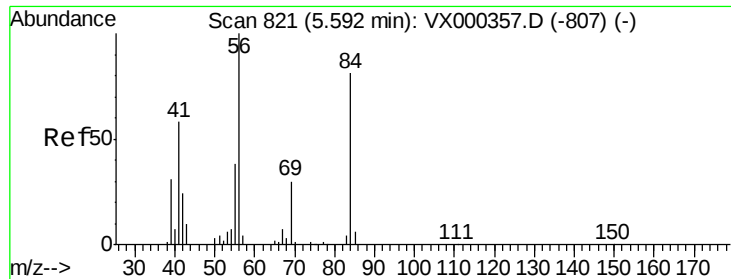
84 100

49 101.7 100.6 151.0

51 36.4 31.6 47.4

86 56.6 52.6 78.8

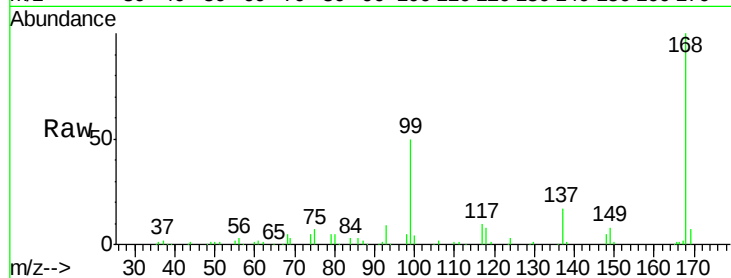




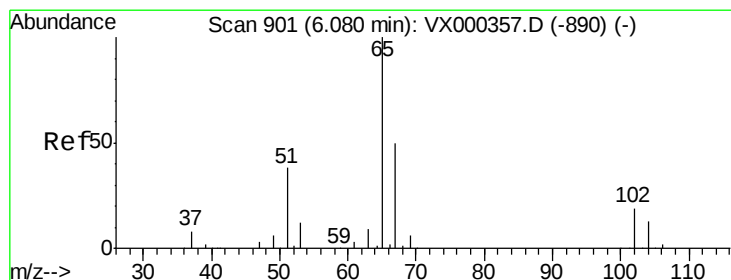
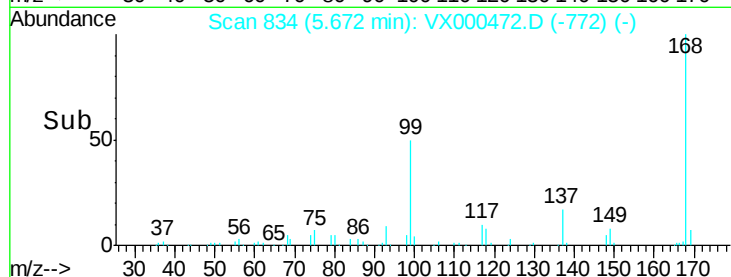
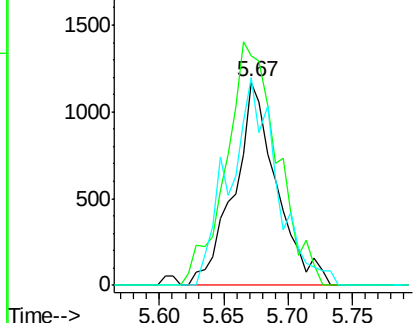
#31
Cyclohexane
Concen: 1.51 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.08 min
Lab File: VX000472.D
Acq: 27 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
FB-032618

Tgt Ion: 56 Resp: 2671
Ion Ratio Lower Upper
56 100
69 113.2 23.4 35.0#
84 102.7 71.0 106.4

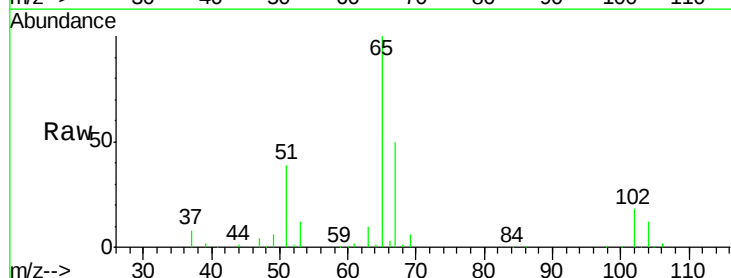


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

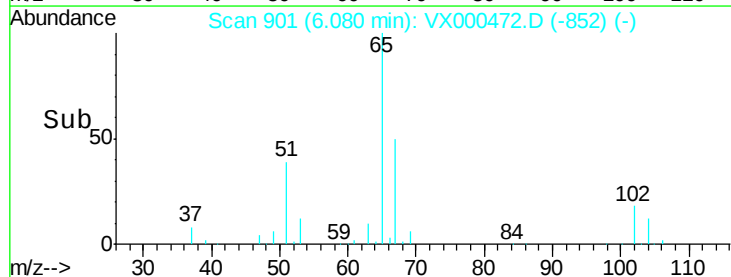
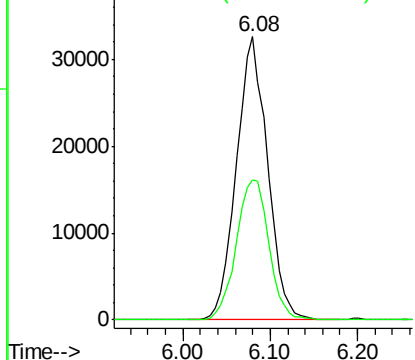


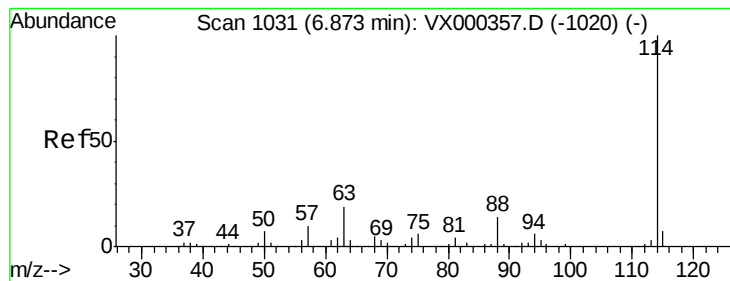
#33
1,2-Dichloroethane-d4
Concen: 57.67 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000472.D
Acq: 27 Mar 2018 21:10

Tgt Ion: 65 Resp: 80854
Ion Ratio Lower Upper
65 100
67 51.7 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: VX000472.D

Acq: 27 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

FB-032618

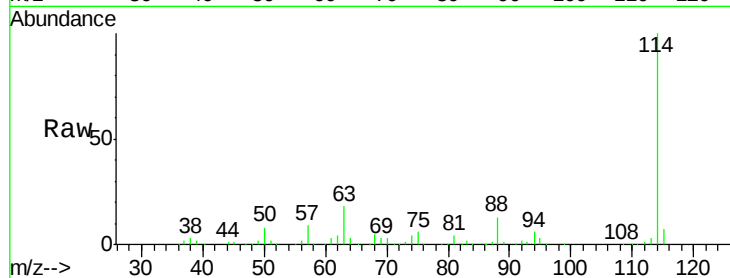
Tgt Ion:114 Resp: 198089

Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

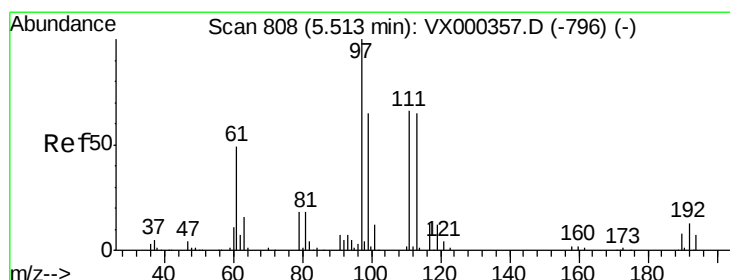
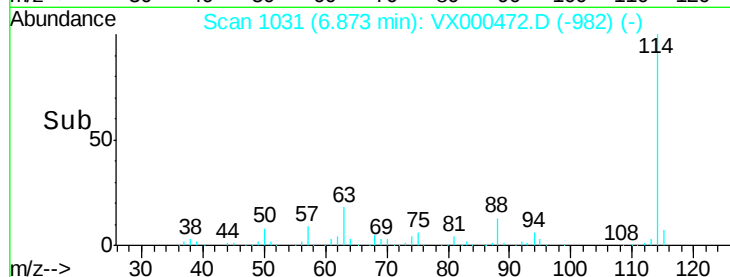
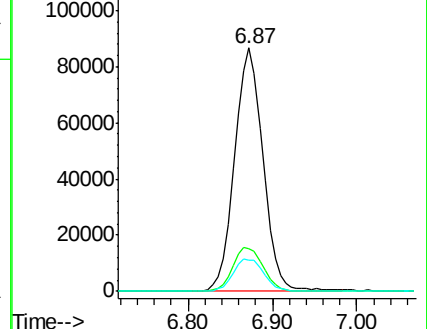
88 13.0 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 51.05 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000472.D

Acq: 27 Mar 2018 21:10

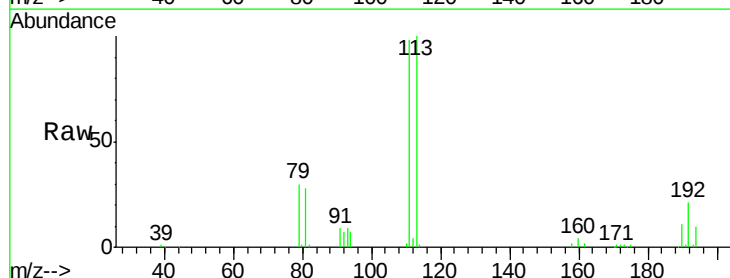
Tgt Ion:113 Resp: 63711

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

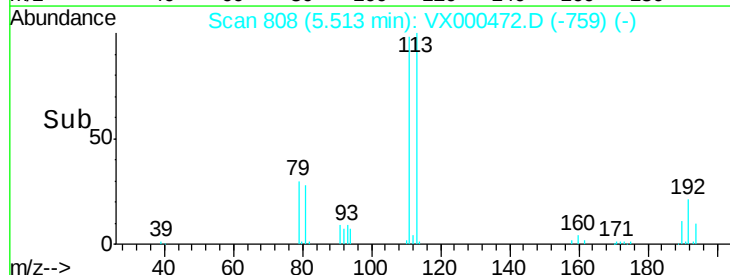
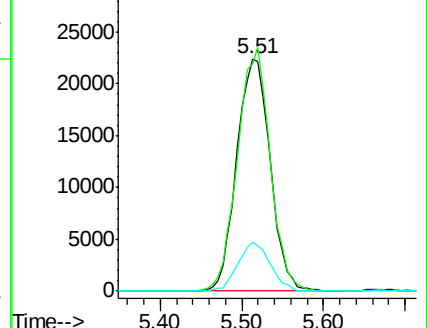
192 20.4 15.8 23.6

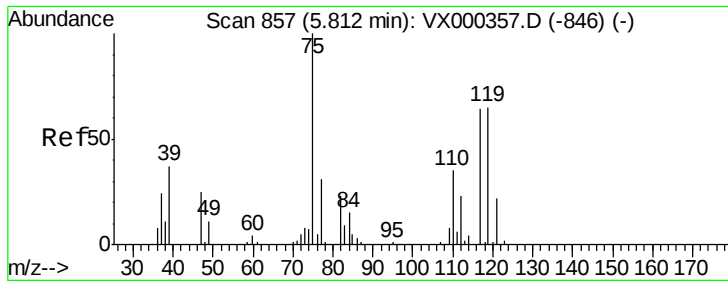


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

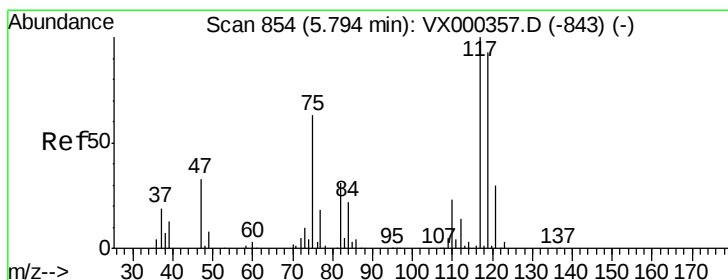
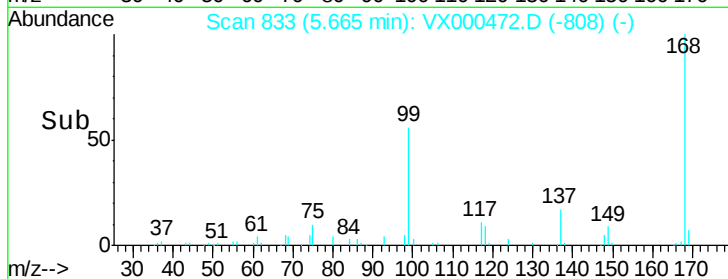
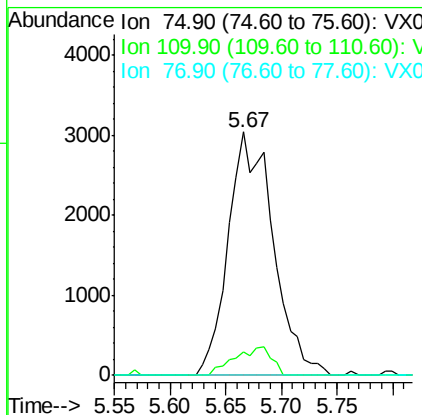
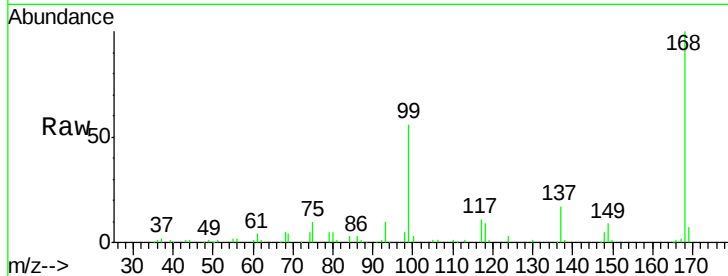




#36
 1,1-Dichloropropene
 Concen: 4.59 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.15 min
 Lab File: VX000472.D
 Acq: 27 Mar 2018 21:10

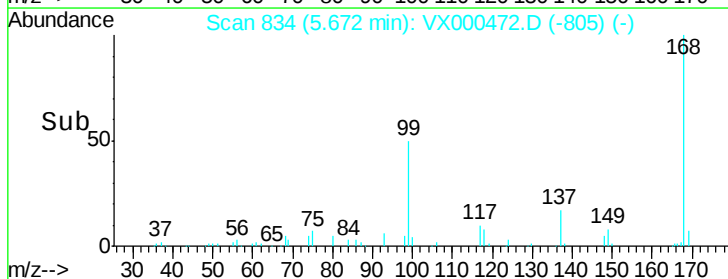
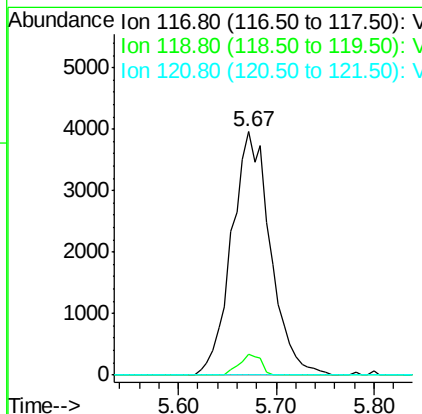
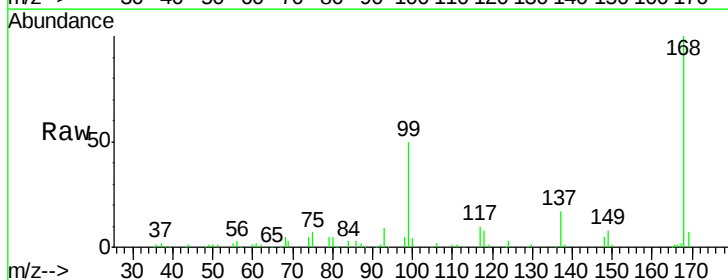
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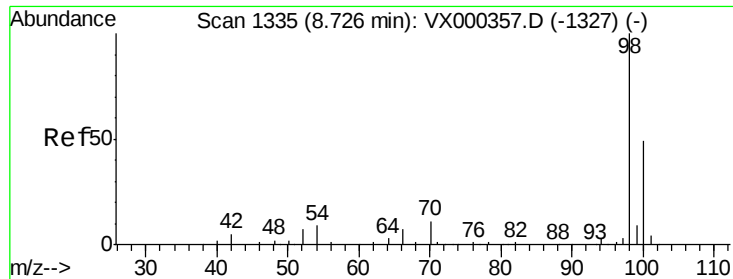
Tgt Ion: 75 Resp: 8524
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.9 53.7#
 77 0.0 24.0 36.0#



#38
 Carbon Tetrachloride
 Concen: 5.60 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX000472.D
 Acq: 27 Mar 2018 21:10

Tgt Ion: 117 Resp: 10892
 Ion Ratio Lower Upper
 117 100
 119 8.4 77.4 116.2#
 121 0.0 24.8 37.2#

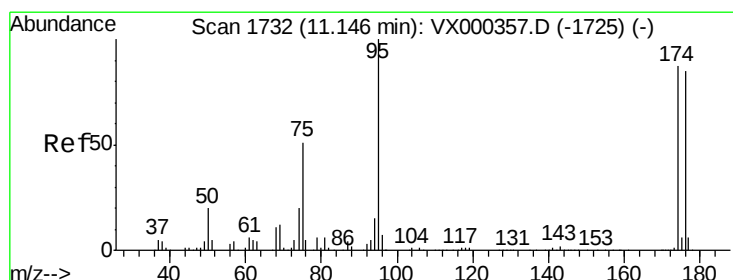
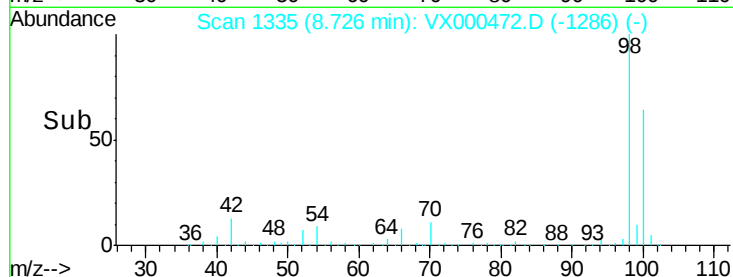
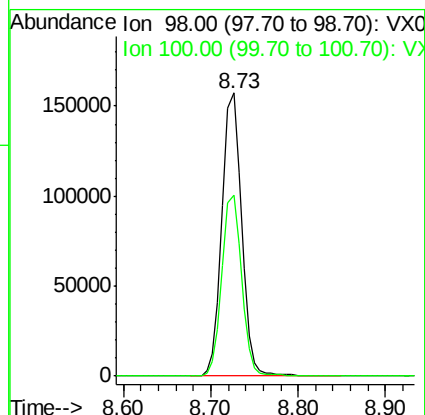
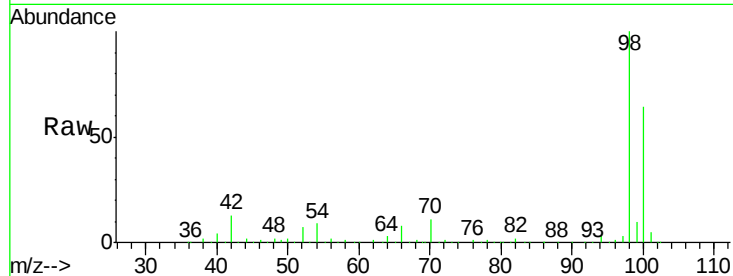




#50
Toluene-d8
Concen: 47.77 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000472.D
Acq: 27 Mar 2018 21:10

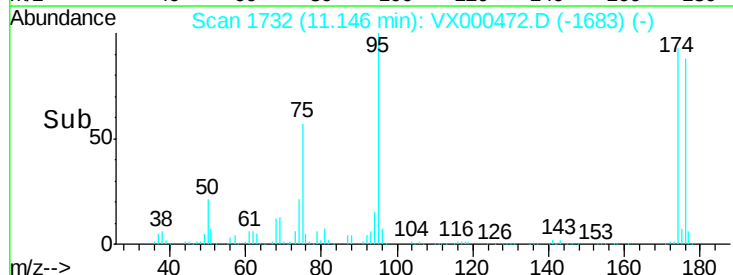
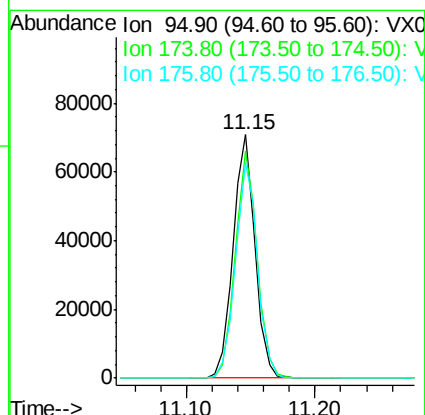
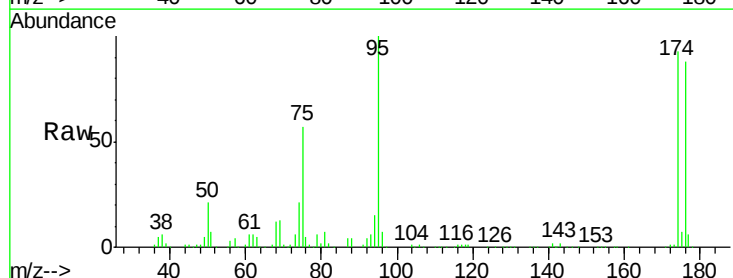
Instrument :
MSVOA_X
ClientSampled :
FB-032618

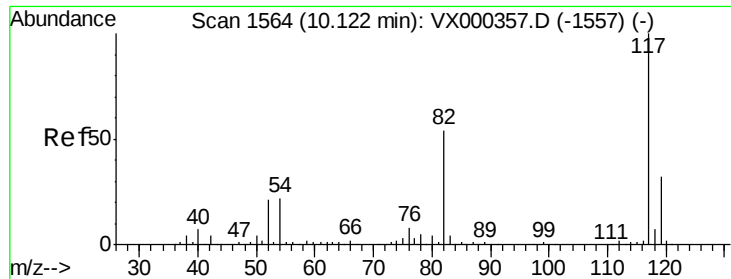
Tgt Ion: 98 Resp: 246929
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 39.95 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000472.D
Acq: 27 Mar 2018 21:10

Tgt Ion: 95 Resp: 84171
Ion Ratio Lower Upper
95 100
174 93.5 0.0 173.6
176 89.0 0.0 164.6

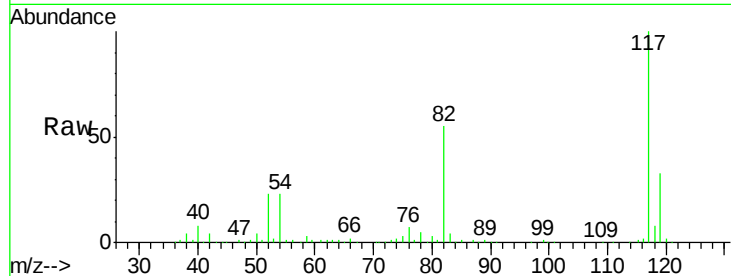




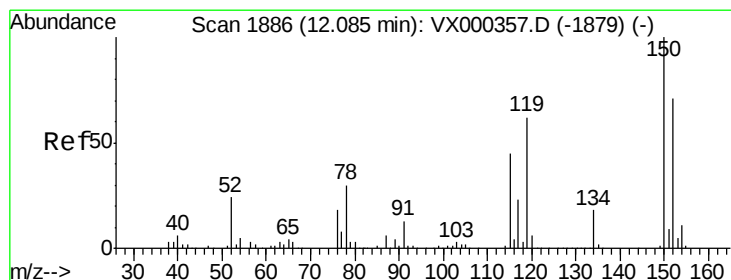
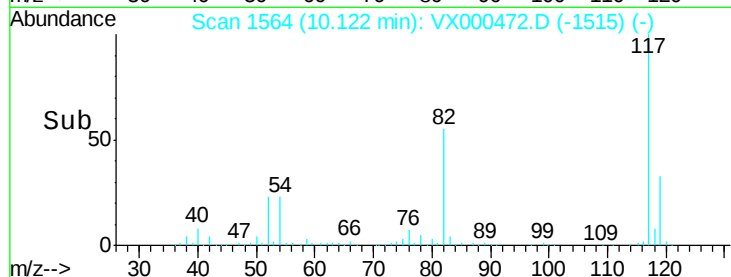
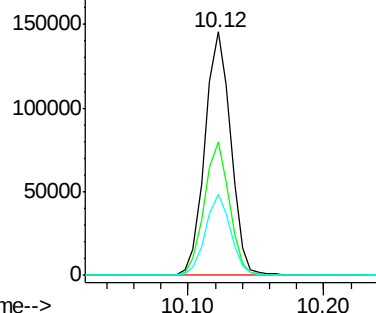
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000472.D
Acq: 27 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
FB-032618

Tgt Ion:117 Resp: 192778
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 33.1 24.9 37.3

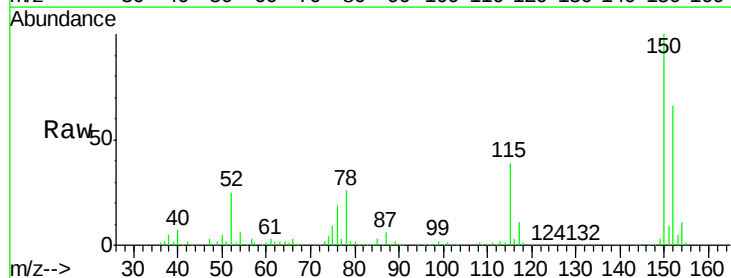


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

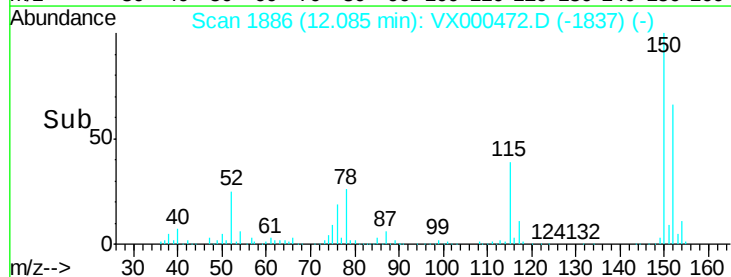
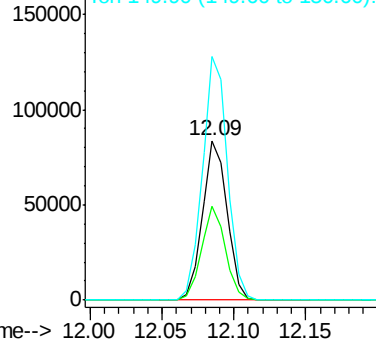


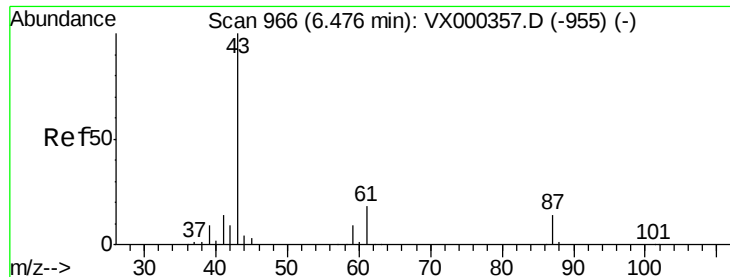
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000472.D
Acq: 27 Mar 2018 21:10

Tgt Ion:152 Resp: 100946
Ion Ratio Lower Upper
152 100
115 56.9 39.8 119.3
150 154.4 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-amyI acetate

Concen: Below Cal

RT: 6.49 min Scan# 969

Delta R.T. 0.02 min

Lab File: VX000472.D

Acq: 27 Mar 2018 21:10

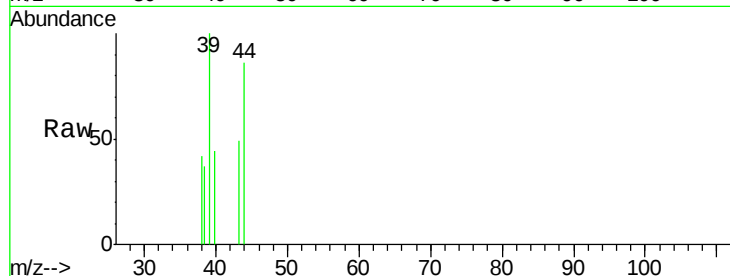
Instrument :

MSVOA_X

ClientSampleId :

FB-032618

Tgt Ion:	43	Resp:	64
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	0.0	14.4	21.6#



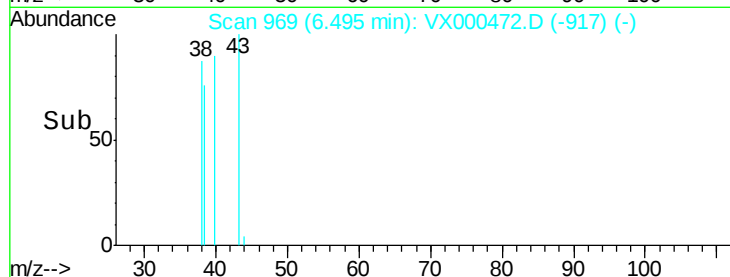
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

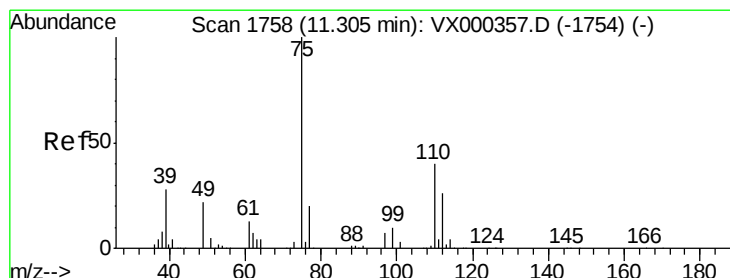
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 23.00 ug/l

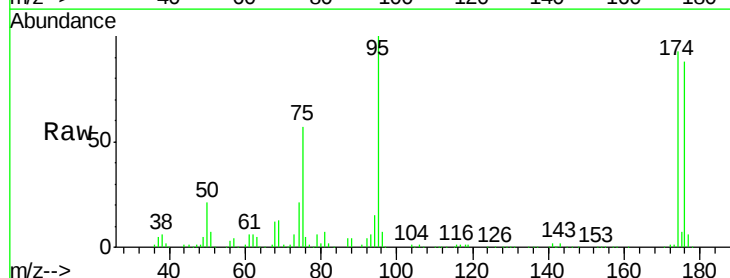
RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000472.D

Acq: 27 Mar 2018 21:10

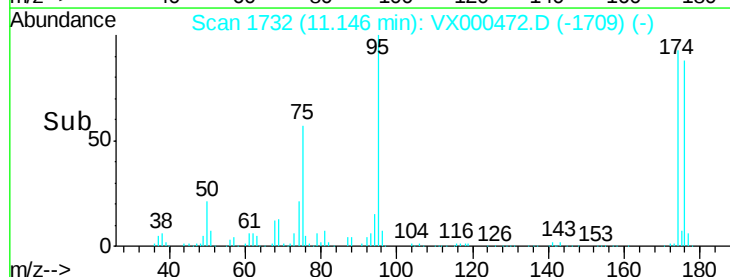
Tgt Ion:	75	Resp:	49897
Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

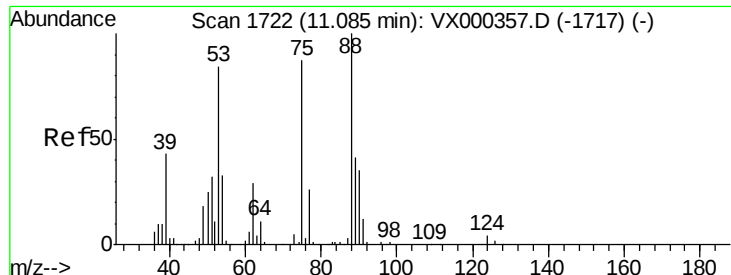
Ion 77.00 (76.70 to 77.70): VX0

Time-->



Time-->

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 74.46 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000472.D

Acq: 27 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

FB-032618

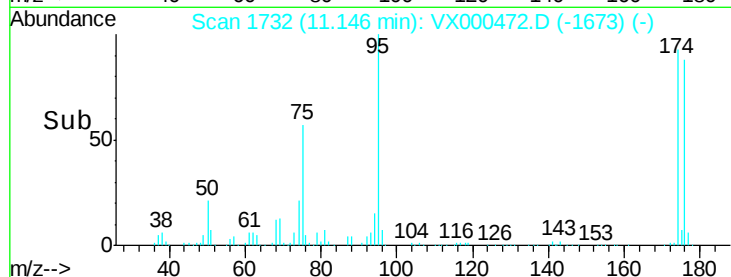
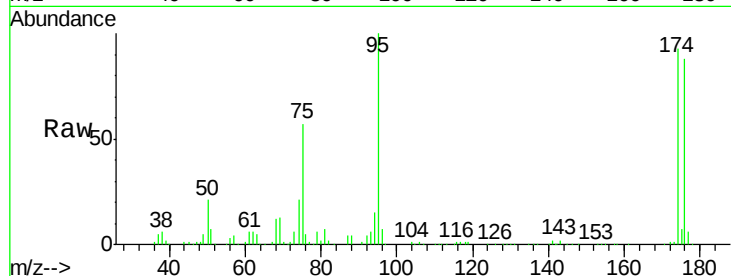
Tgt Ion: 75 Resp: 49897

Ion Ratio Lower Upper

75 100

53 0.0 80.7 121.1#

89 0.0 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

