

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005875.D
 Acq On : 09 Nov 2018 22:11
 Operator : JC/MD
 Sample : VX1109MBL02
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBL02

Quant Time: Nov 11 23:54:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	106271	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	151448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	124149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	60199	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	65427	53.55	ug/l	0.00
Spiked Amount			Recovery	=	107.10%	
35) Dibromofluoromethane	5.51	113	52302	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
50) Toluene-d8	8.72	98	165589	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.14	95	54556	44.31	ug/l	0.00
Spiked Amount			Recovery	=	88.62%	

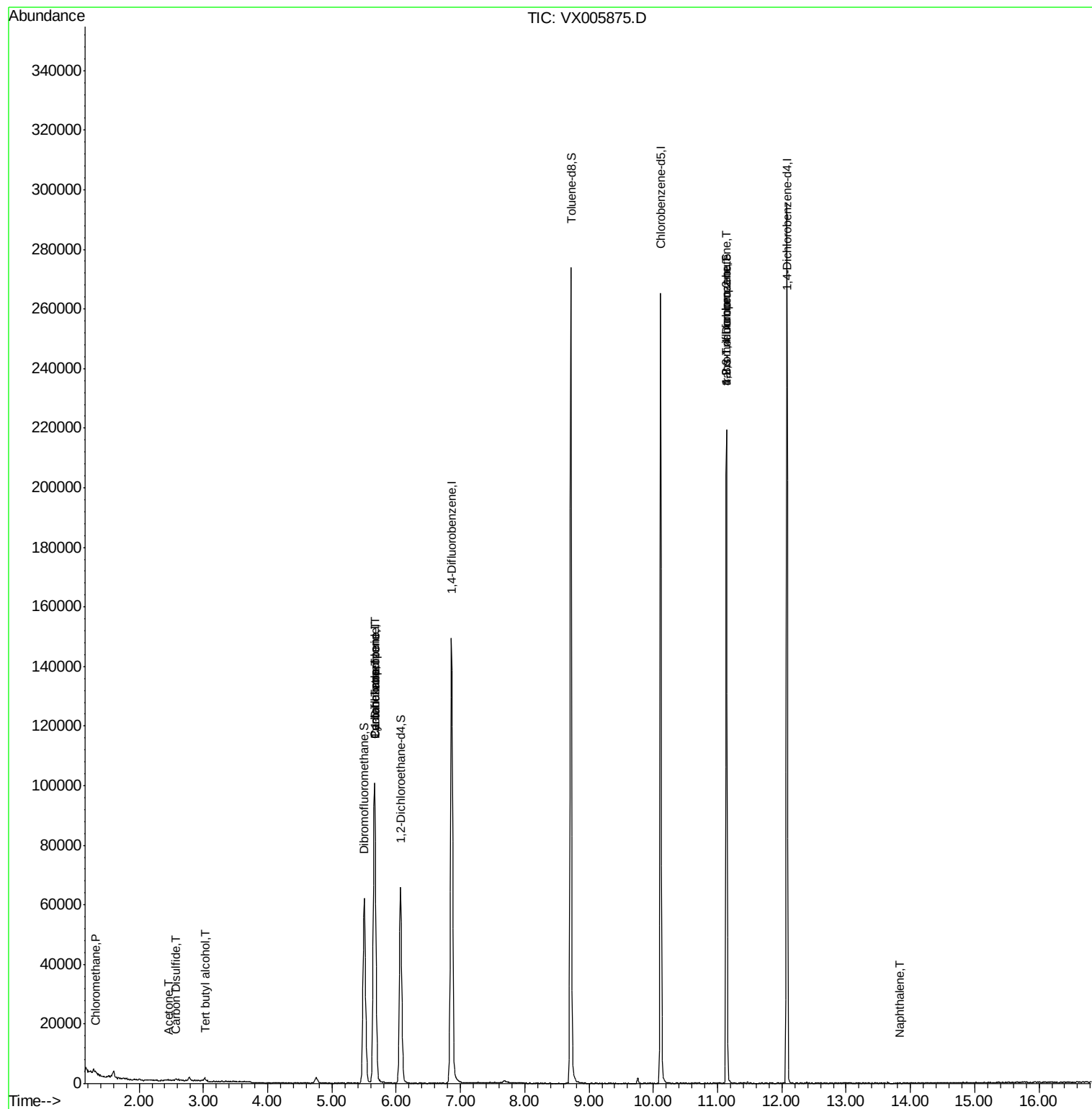
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	261	0.208	ug/l #	79
11) Tert butyl alcohol	3.02	59	911	2.603	ug/l #	72
16) Acetone	2.45	43	542	0.824	ug/l	95
17) Carbon Disulfide	2.57	76	608	0.217	ug/l #	83
18) Methyl Acetate	2.78	43	1691	Below Cal		92
31) Cyclohexane	5.66	56	1969	1.157	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	7679	5.260	ug/l #	49
38) Carbon Tetrachloride	5.66	117	9650	6.602	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	27895	22.757	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	27895	72.530	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	122	Below Cal	#	31
95) Naphthalene	13.83	128	227	1.229	ug/l #	69

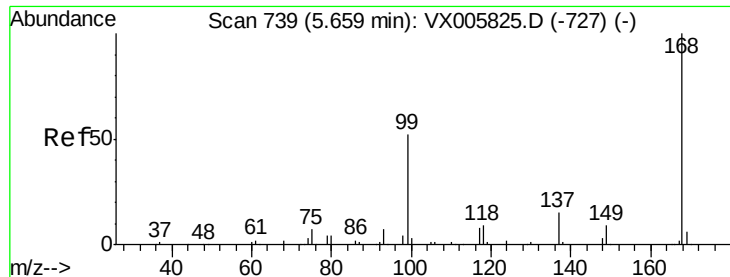
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005875.D

Acq: 09 Nov 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

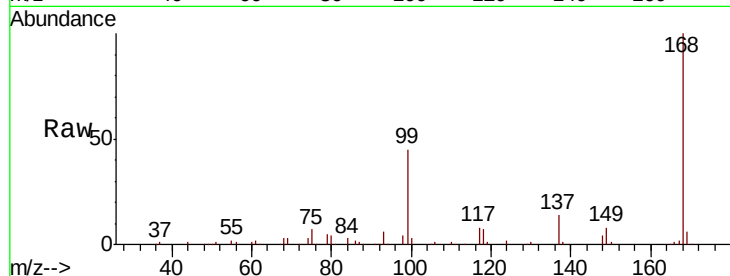
VX1109MBL02

Tot Ion:168 Resp: 106271

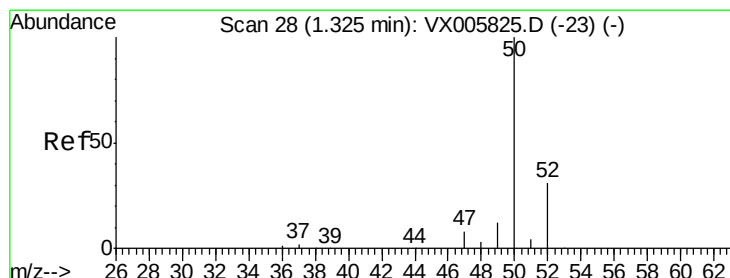
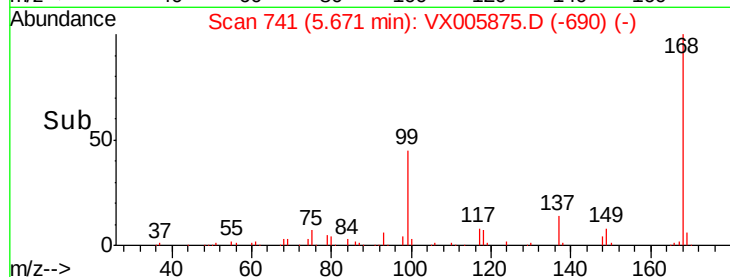
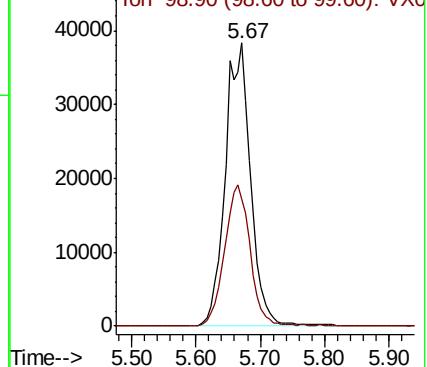
Ion Ratio Lower Upper

168 100

99 44.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005875.D (-690) (-)



#3

Chloromethane

Concen: 0.208 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005875.D

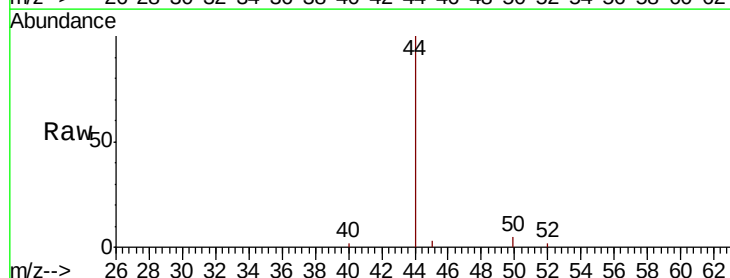
Acq: 09 Nov 2018 22:11

Tgt Ion: 50 Resp: 261

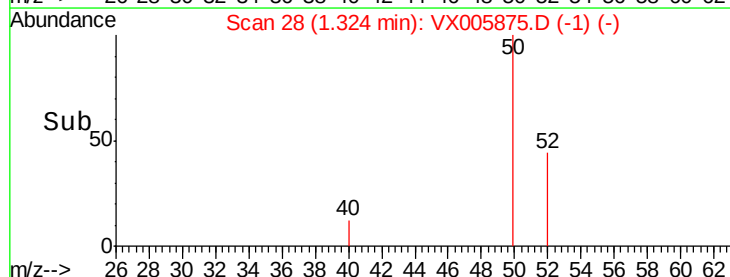
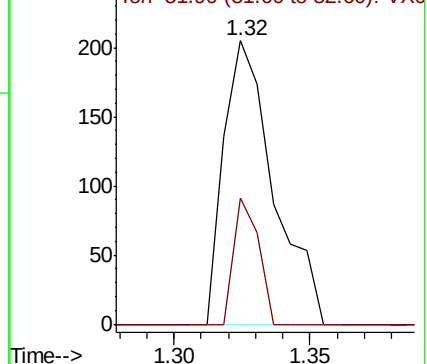
Ion Ratio Lower Upper

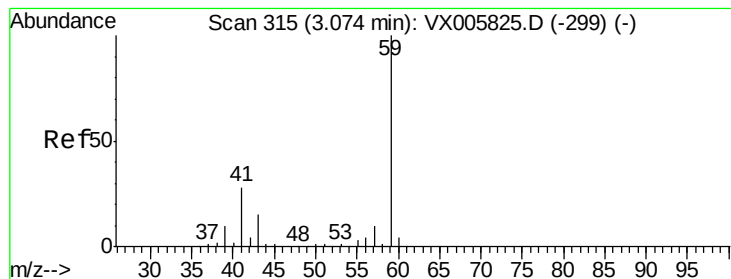
50 100

52 44.4 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX005875.D (-1) (-)



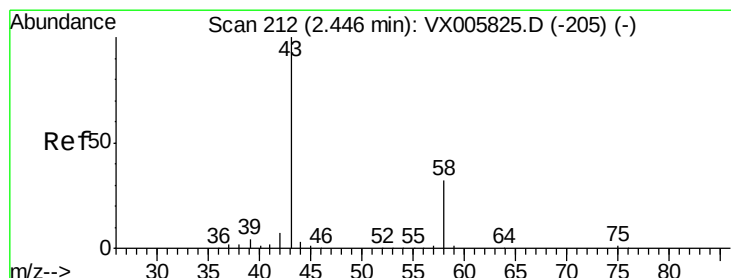
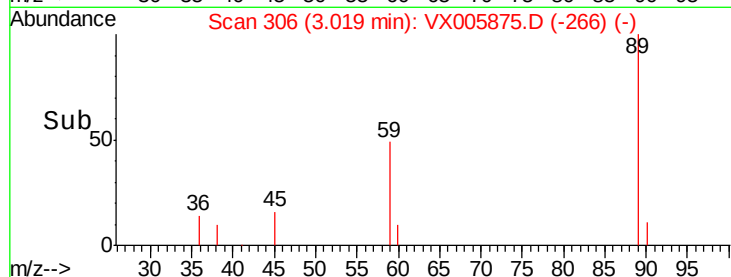
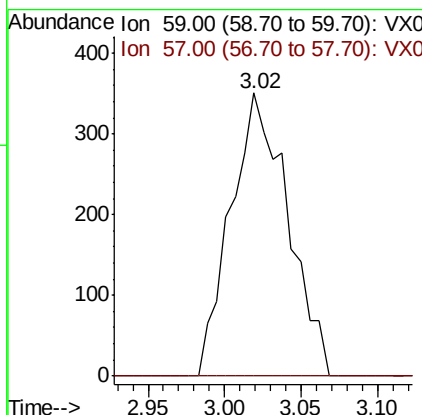
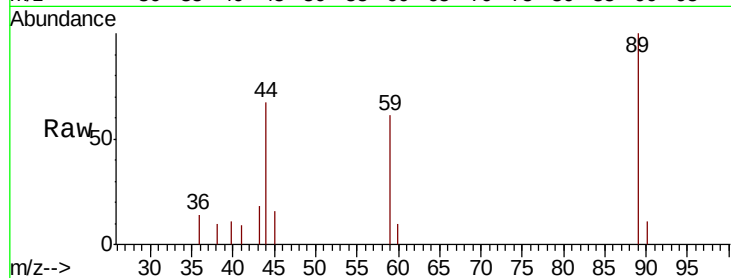


#11

Tert butyl alcohol
 Concen: 2.603 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: VX005875.D
 Acq: 09 Nov 2018 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBL02

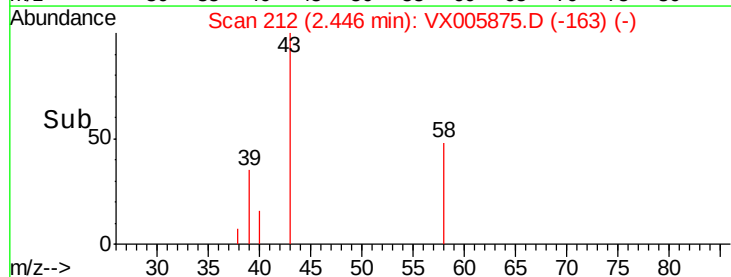
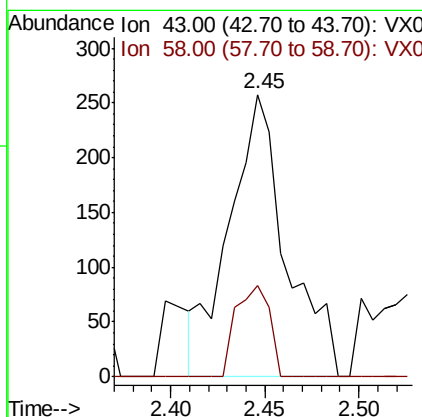
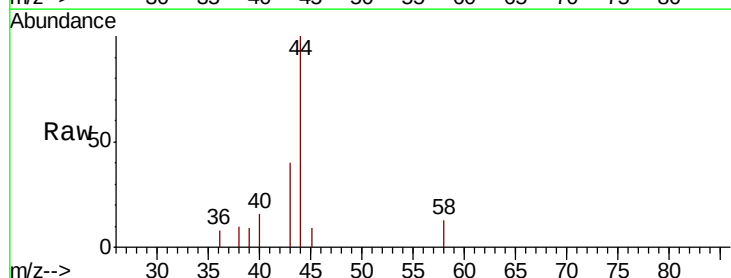
Tot Ion: 59 Resp: 911
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

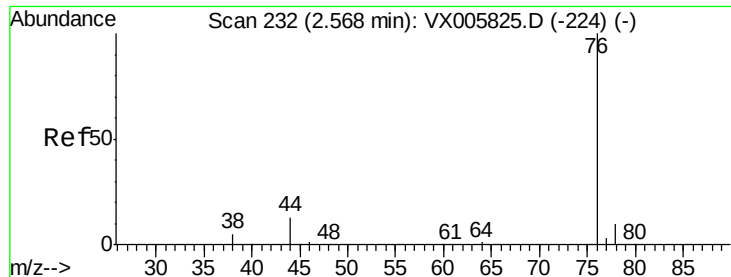


#16

Acetone
 Concen: 0.824 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005875.D
 Acq: 09 Nov 2018 22:11

Tgt Ion: 43 Resp: 542
 Ion Ratio Lower Upper
 43 100
 58 32.2 23.8 35.6





#17

Carbon Disulfide

Concen: 0.217 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005875.D

Acq: 09 Nov 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

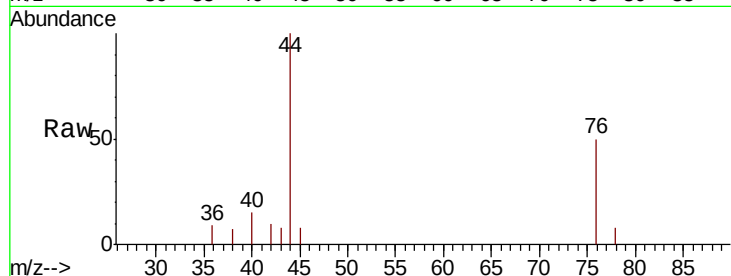
VX1109MBL02

Tot Ion: 76 Resp: 608

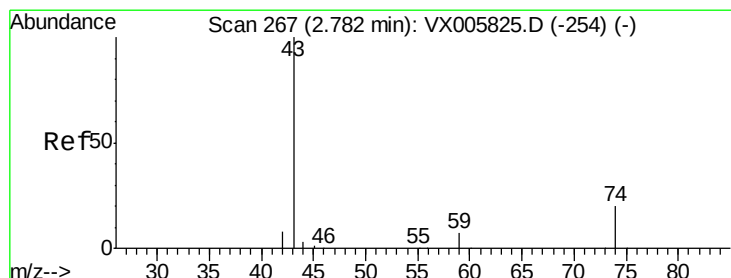
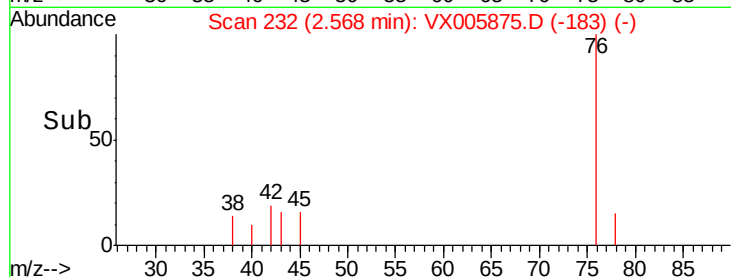
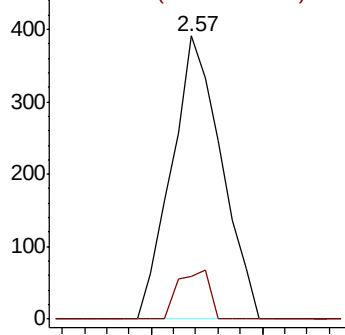
Ion Ratio Lower Upper

76 100

78 15.1 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005875.D

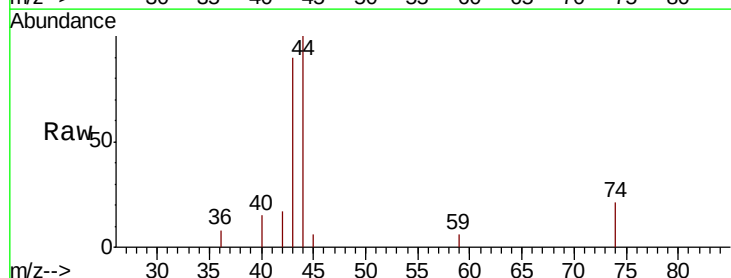
Acq: 09 Nov 2018 22:11

Tgt Ion: 43 Resp: 1691

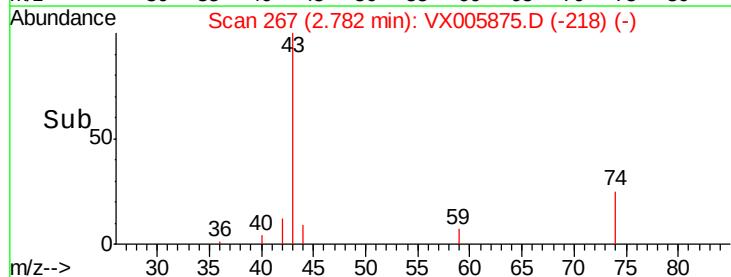
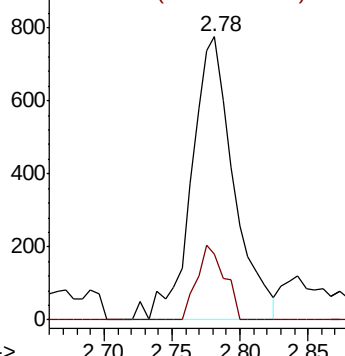
Ion Ratio Lower Upper

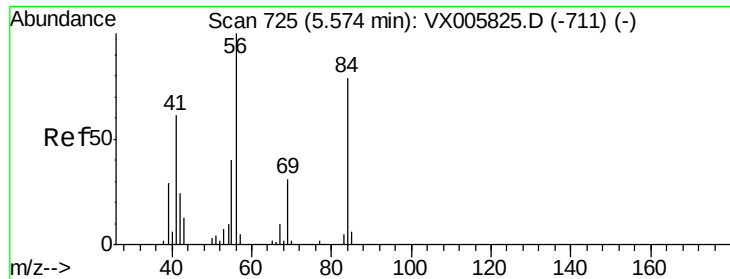
43 100

74 17.4 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

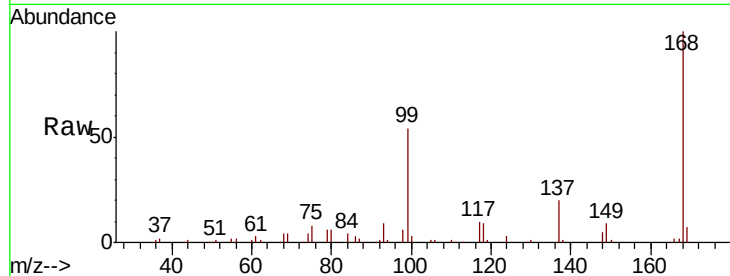




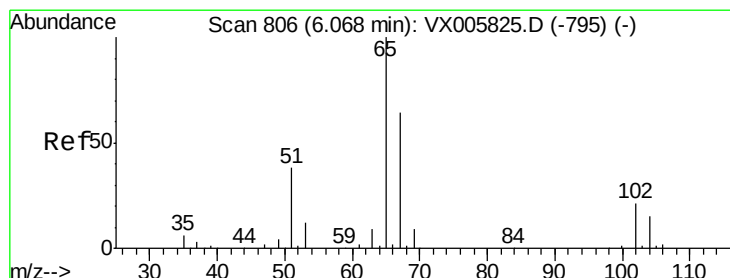
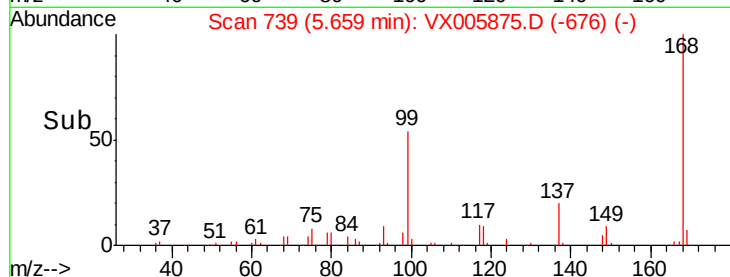
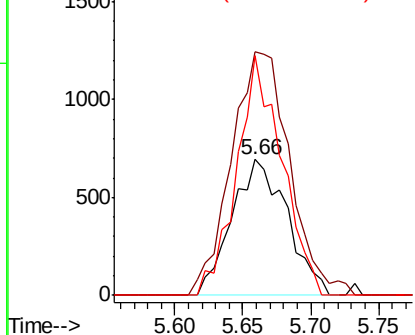
#31
Cyclohexane
Concen: 1.157 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005875.D
Acq: 09 Nov 2018 22:11

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL02

Tot Ion: 56 Resp: 1969
Ion Ratio Lower Upper
56 100
69 179.1 22.6 34.0#
84 176.8 62.7 94.1#

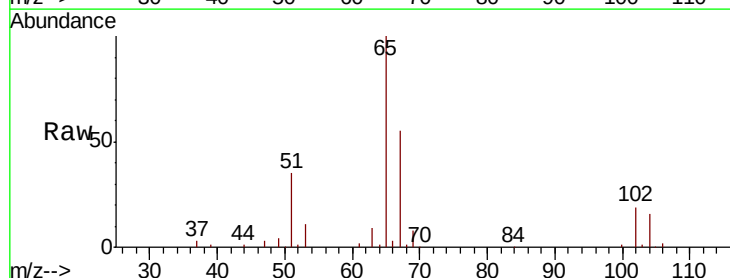


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

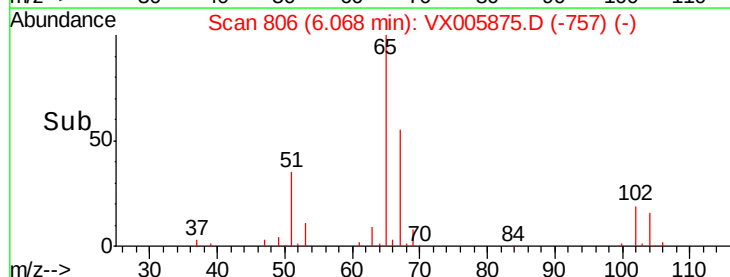
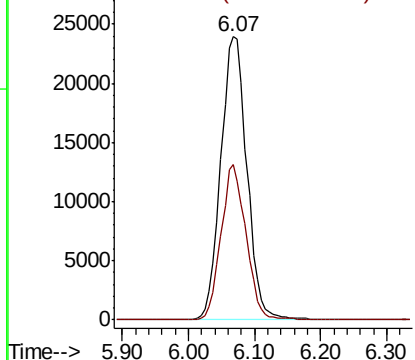


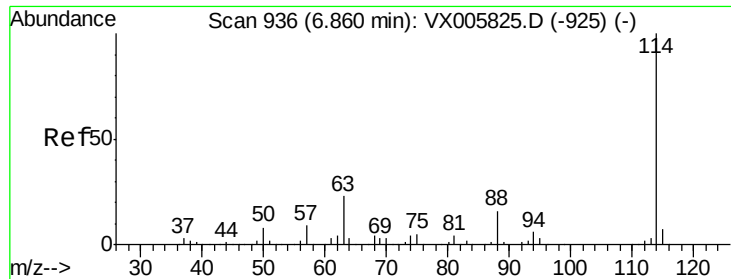
#33
1,2-Dichloroethane-d4
Concen: 53.553 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005875.D
Acq: 09 Nov 2018 22:11

Tgt Ion: 65 Resp: 65427
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.0



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

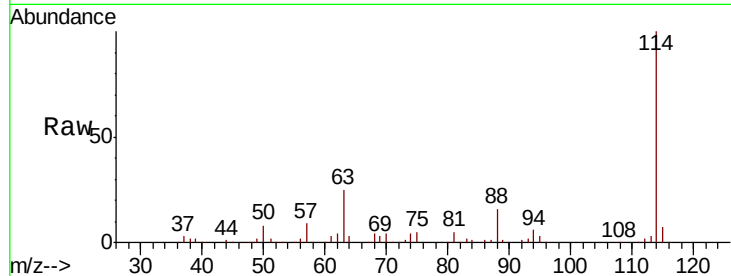




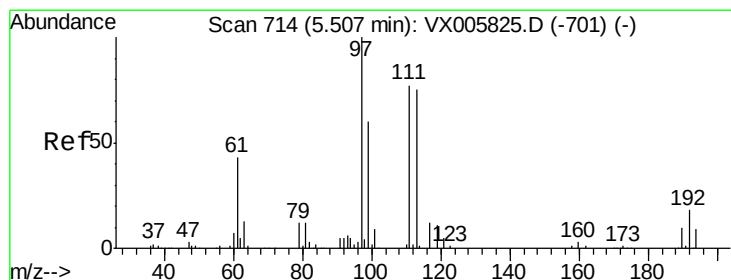
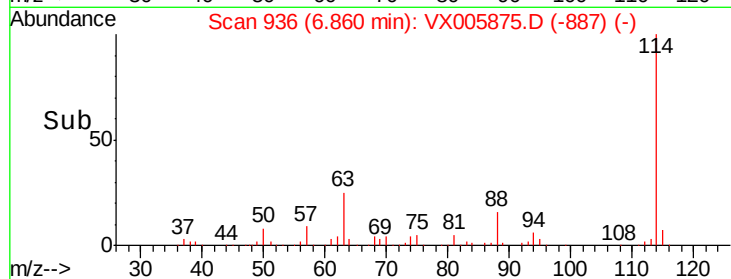
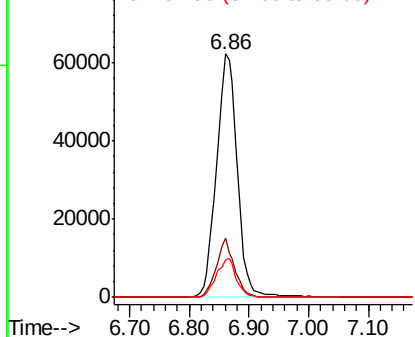
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005875.D
 Acq: 09 Nov 2018 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBL02

Tot Ion:114 Resp: 151448
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 42.8
 88 15.5 0.0 31.2

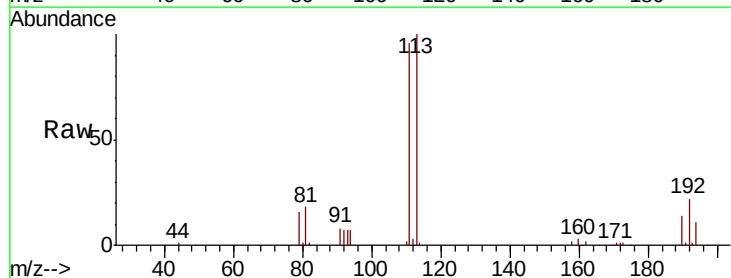


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

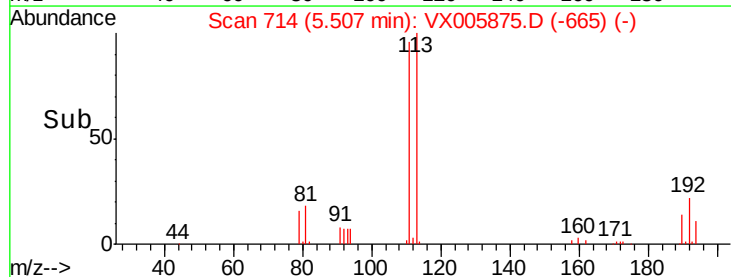
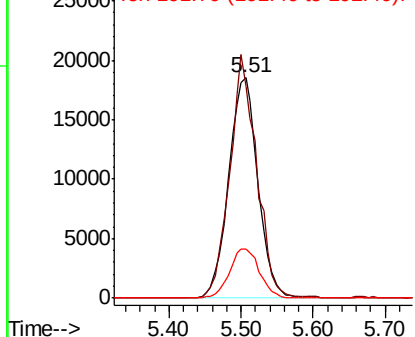


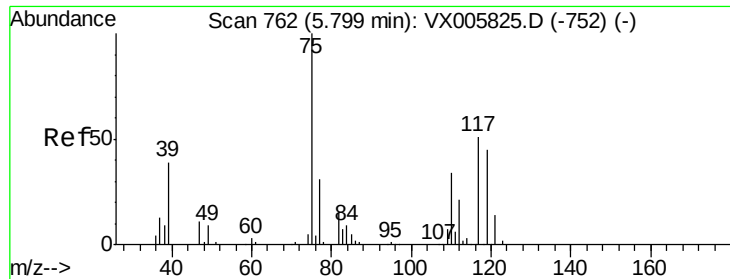
#35
 Dibromofluoromethane
 Concen: 50.775 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX005875.D
 Acq: 09 Nov 2018 22:11

Tgt Ion:113 Resp: 52302
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.3 123.5
 192 22.8 17.9 26.9



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

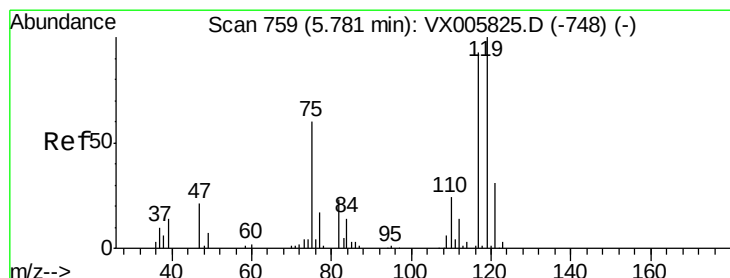
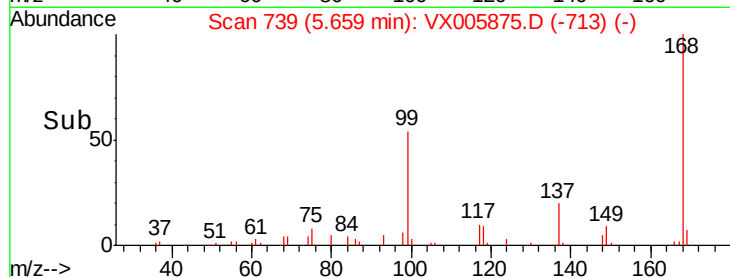
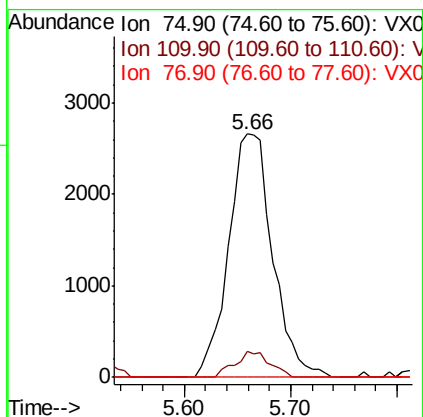
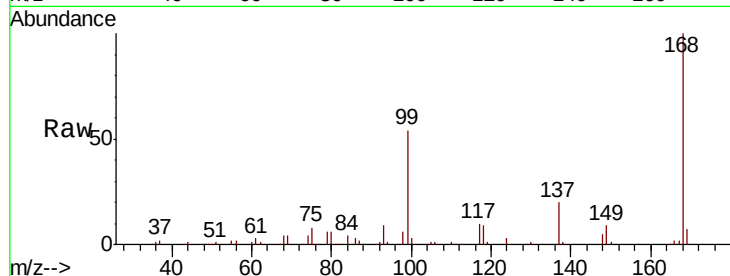




#36
 1,1-Dichloropropene
 Concen: 5.260 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005875.D
 Acq: 09 Nov 2018 22:11

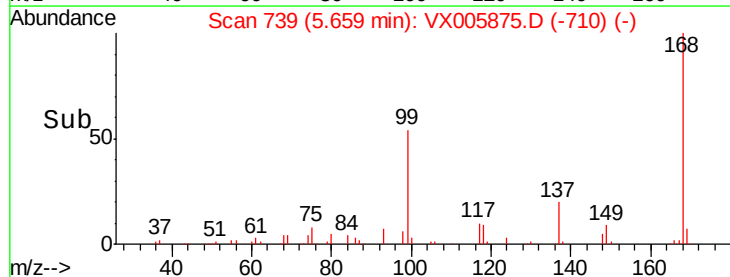
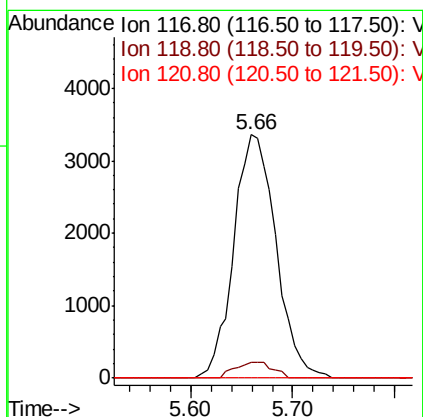
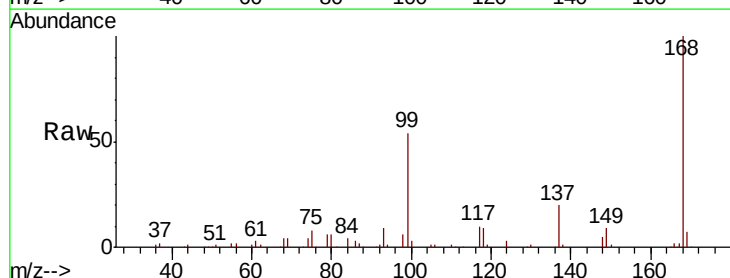
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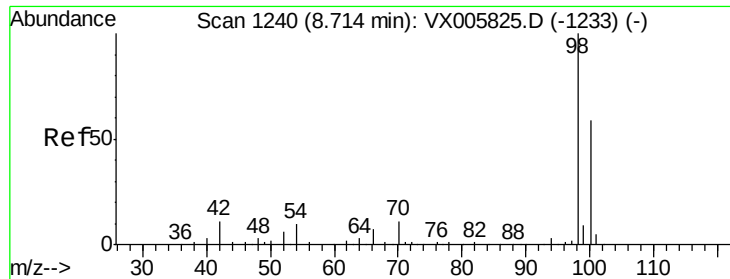
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.4	52.2#
77	0.0	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 6.602 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX005875.D
 Acq: 09 Nov 2018 22:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.7	78.1	117.1#
121	0.0	24.6	36.8#

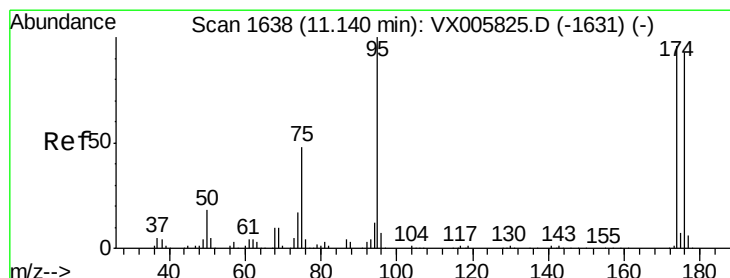
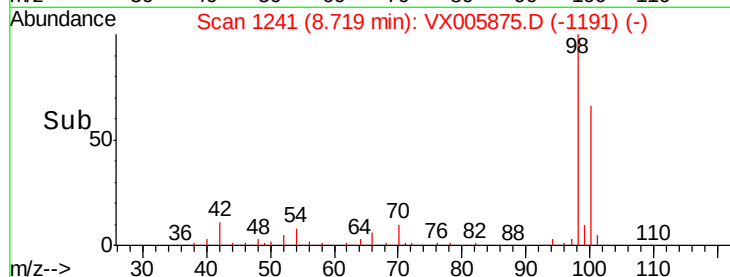
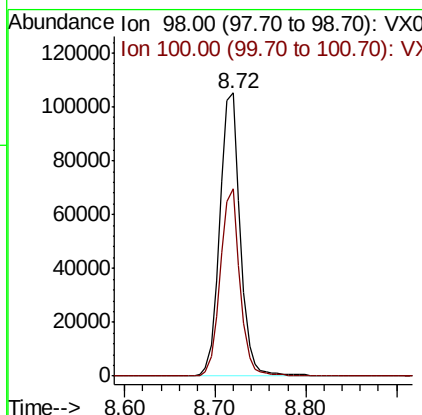
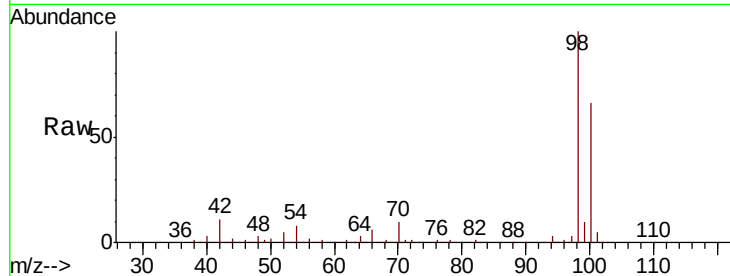




#50
Toluene-d8
Concen: 48.353 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005875.D
Acq: 09 Nov 2018 22:11

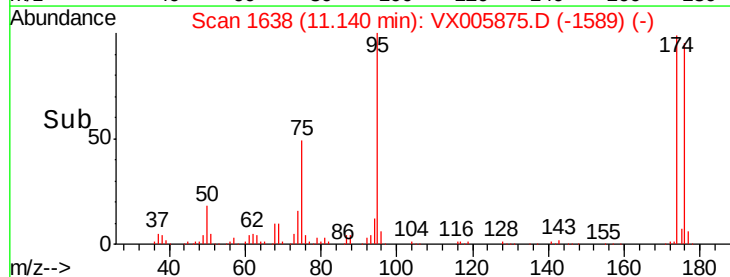
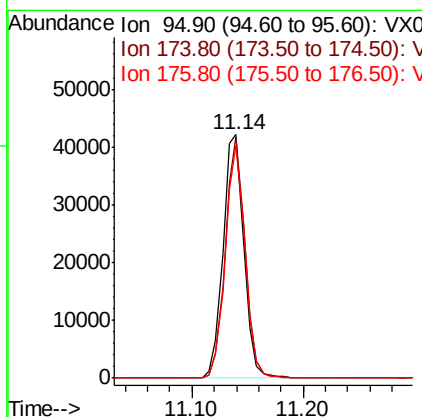
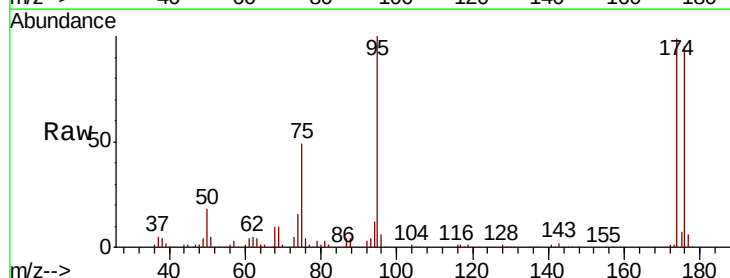
Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL02

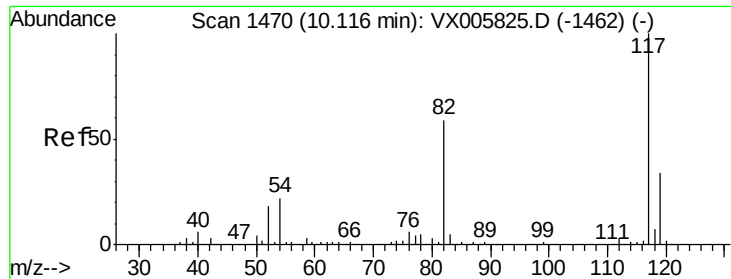
Tot Ion: 98 Resp: 165589
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 44.309 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005875.D
Acq: 09 Nov 2018 22:11

Tgt Ion: 95 Resp: 54556
Ion Ratio Lower Upper
95 100
174 93.5 0.0 184.4
176 90.1 0.0 177.4

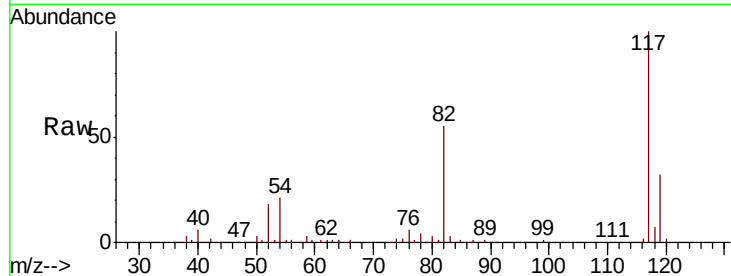




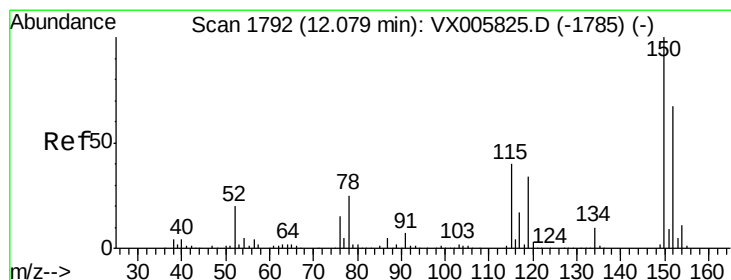
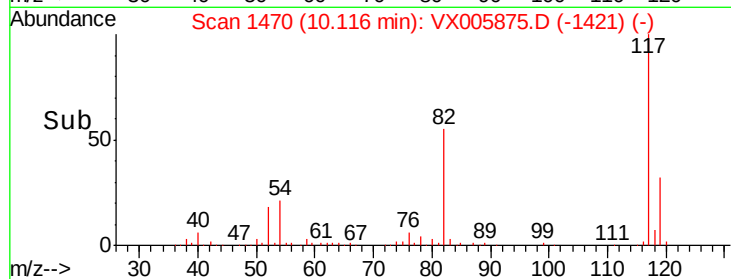
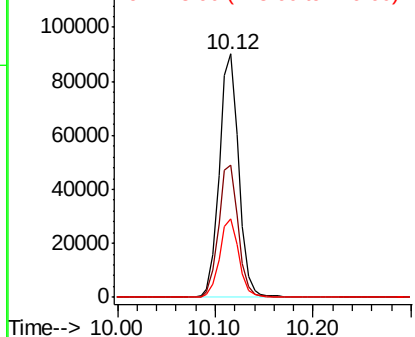
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005875.D
Acq: 09 Nov 2018 22:11

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL02

Tot Ion:117 Resp: 124149
Ion Ratio Lower Upper
117 100
82 54.5 44.1 66.1
119 32.1 26.2 39.2

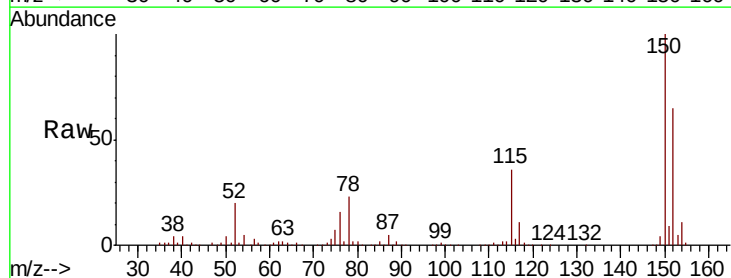


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

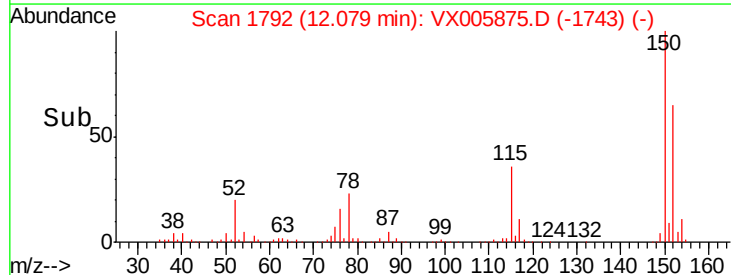
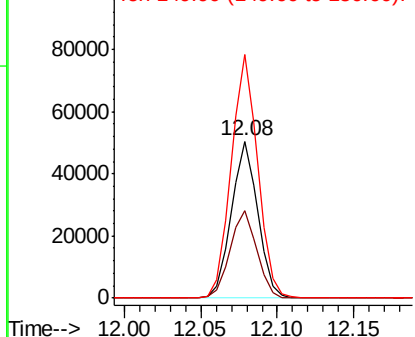


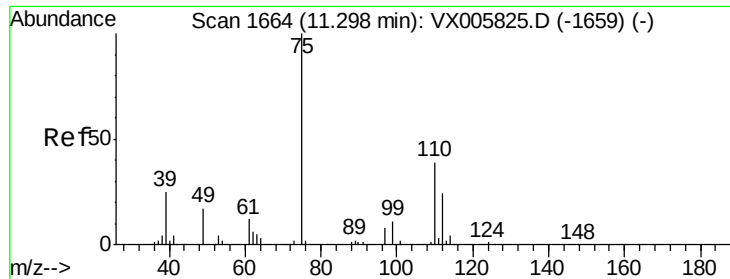
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005875.D
Acq: 09 Nov 2018 22:11

Tgt Ion:152 Resp: 60199
Ion Ratio Lower Upper
152 100
115 56.2 39.4 118.1
150 155.9 0.0 346.4



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

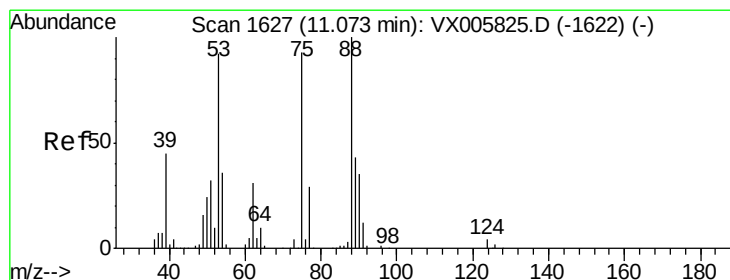
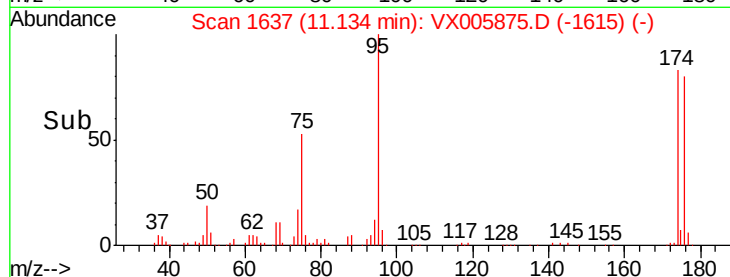
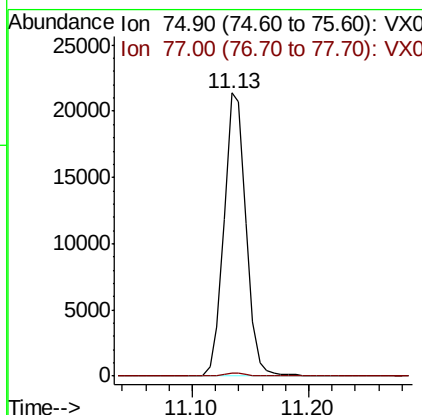
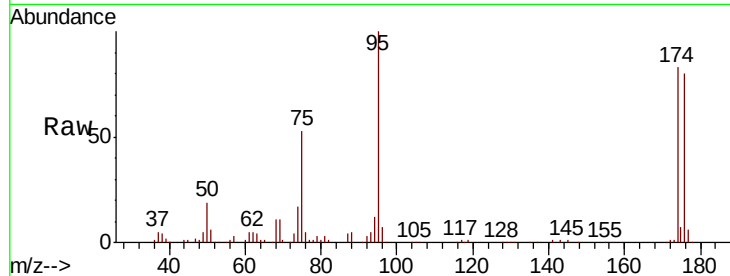




#76
 1,2,3-Trichloropropane
 Concen: 22.757 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX005875.D
 Acq: 09 Nov 2018 22:11

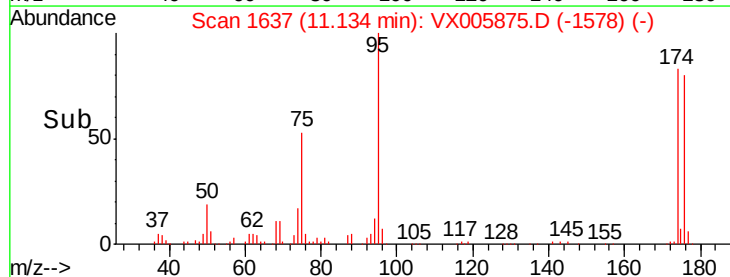
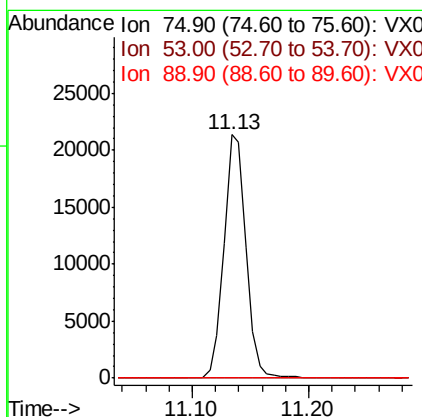
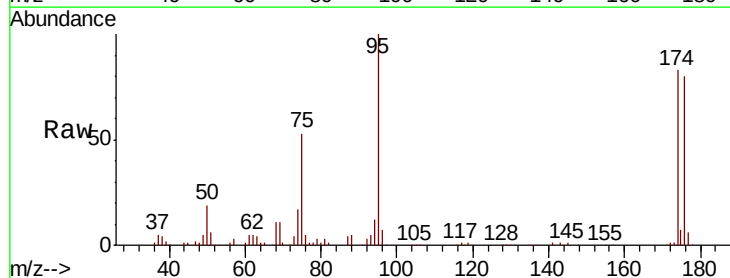
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBL02

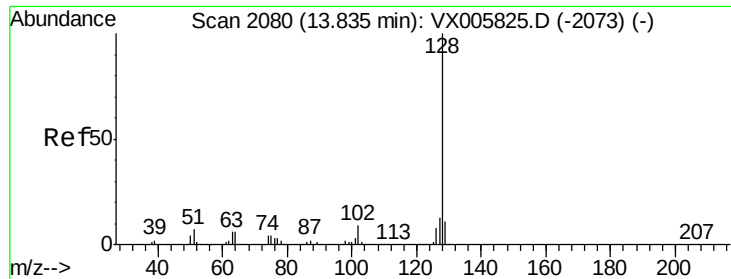
Tot Ion: 75 Resp: 27895
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.530 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX005875.D
 Acq: 09 Nov 2018 22:11

Tgt Ion: 75 Resp: 27895
 Ion Ratio Lower Upper
 75 100
 53 0.3 80.2 120.2#
 89 0.0 39.8 59.8#





#95

Naphthalene

Concen: 1.229 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005875.D

Acq: 09 Nov 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBL02

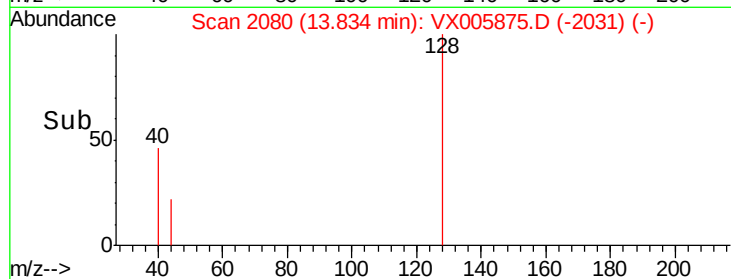
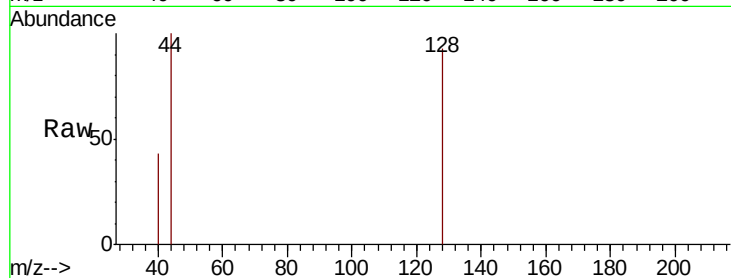
Tot Ion:128 Resp: 227

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

250 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

200

150

100

50

0

13.80

13.83

13.85

Time-->