

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005925.D
 Acq On : 13 Nov 2018 03:05
 Operator : JC/MD
 Sample : J5920-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN001

Quant Time: Nov 13 04:48:56 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	101837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	142089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	130443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	63025	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	65480	55.93	ug/l	0.00
Spiked Amount			Recovery	=	111.86%	
35) Dibromofluoromethane	5.50	113	51625	53.42	ug/l	0.00
Spiked Amount			Recovery	=	106.84%	
50) Toluene-d8	8.72	98	172619	53.73	ug/l	0.00
Spiked Amount			Recovery	=	107.46%	
62) 4-Bromofluorobenzene	11.14	95	58600	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	

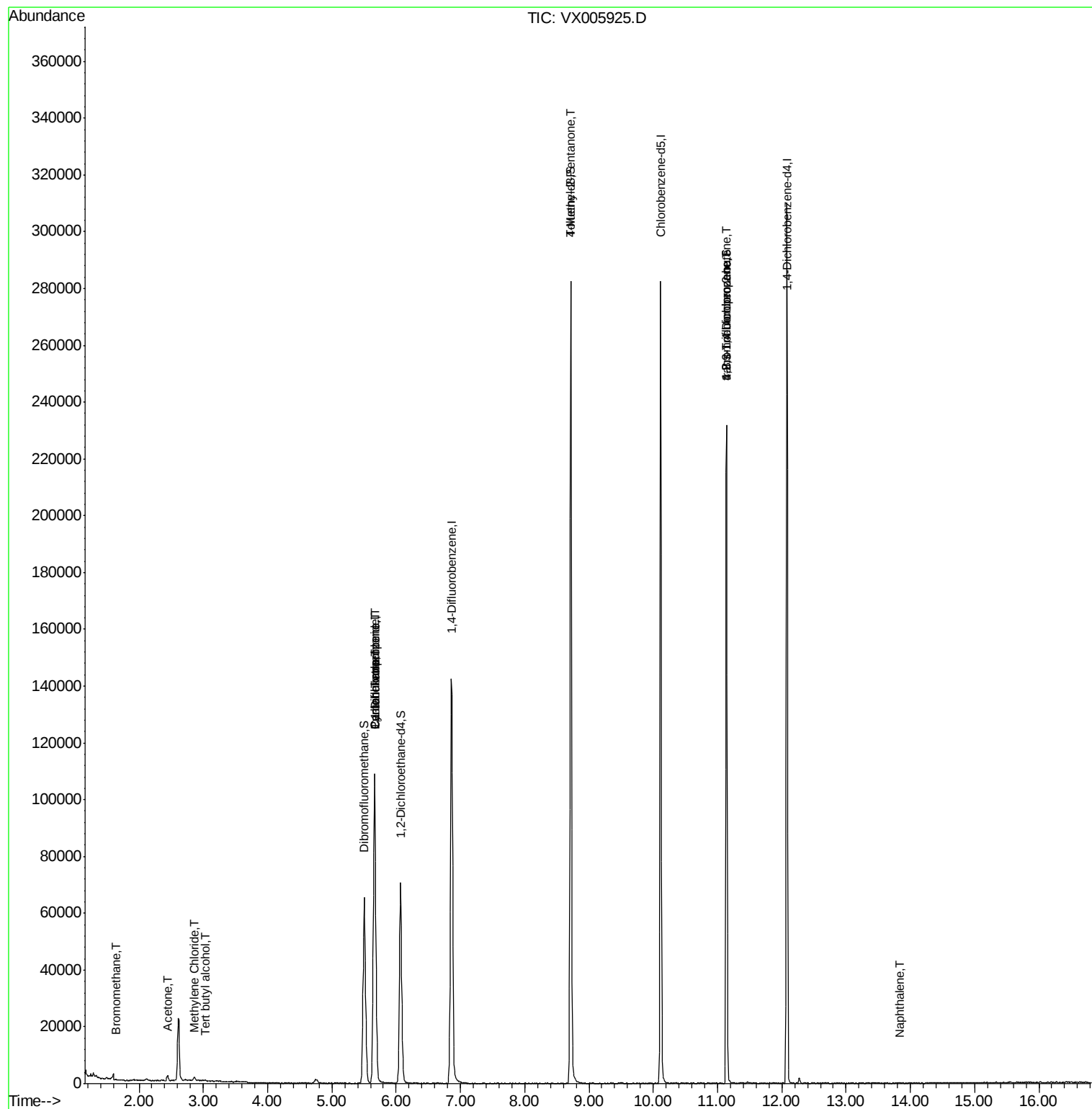
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	168	0.227	ug/l #	80
11) Tert butyl alcohol	3.03	59	304	0.906	ug/l #	72
16) Acetone	2.45	43	2050	3.252	ug/l	95
18) Methyl Acetate	2.78	43	296	Below Cal	#	55
20) Methylene Chloride	2.85	84	515	0.497	ug/l	97
31) Cyclohexane	5.66	56	1995	1.223	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	7059	5.153	ug/l #	48
38) Carbon Tetrachloride	5.67	117	9666	7.049	ug/l #	17
51) 4-Methyl-2-Pentanone	8.71	43	761	0.463	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	29865	23.272	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	29865	74.170	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	42	Below Cal	#	31
95) Naphthalene	13.83	128	164	1.213	ug/l #	69

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005925.D

Acq: 13 Nov 2018 03:05

Instrument :

MSVOA_X

ClientSampleId :

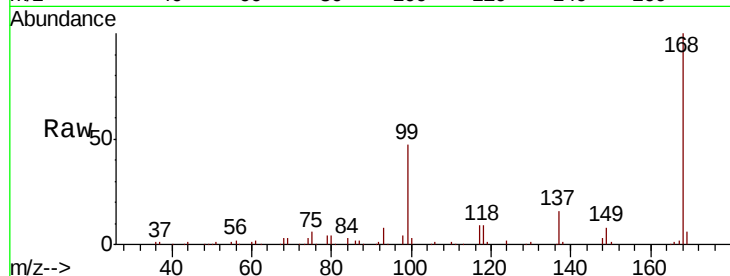
DSN001

Tot Ion:168 Resp: 101837

Ion Ratio Lower Upper

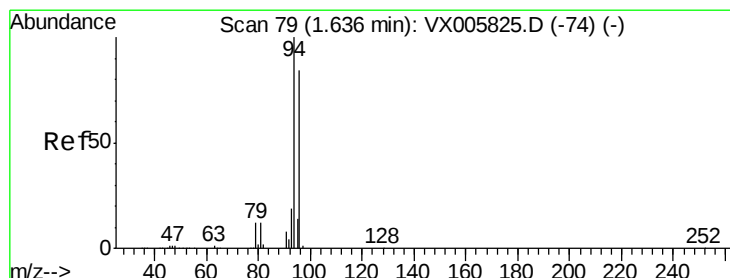
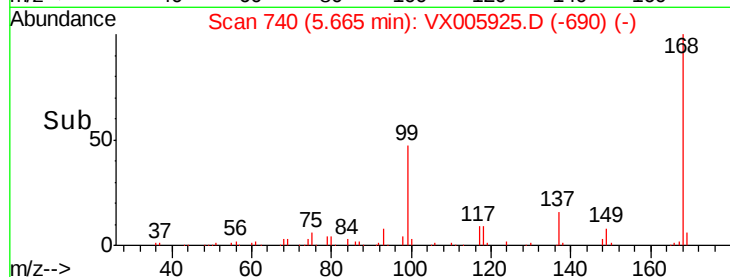
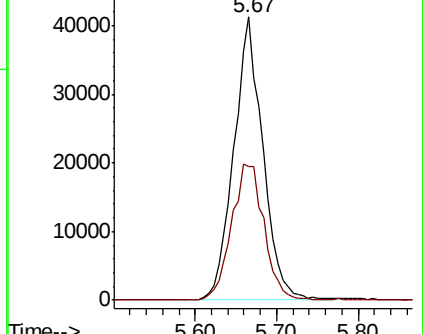
168 100

99 47.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.227 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX005925.D

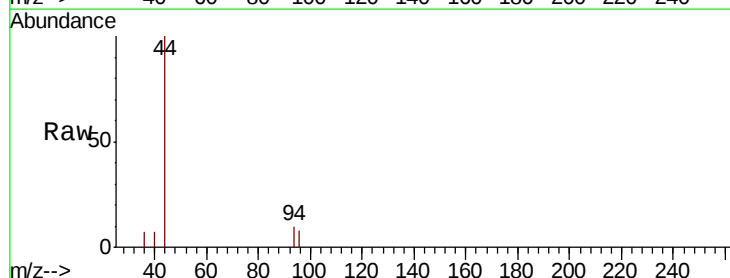
Acq: 13 Nov 2018 03:05

Tgt Ion: 94 Resp: 168

Ion Ratio Lower Upper

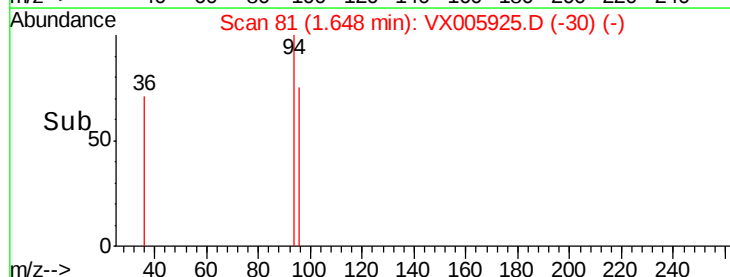
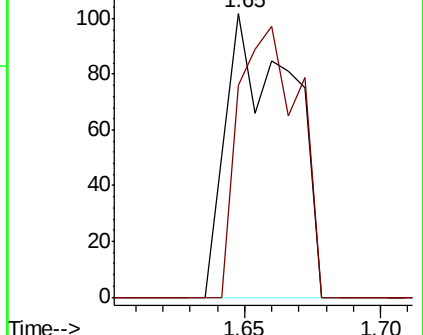
94 100

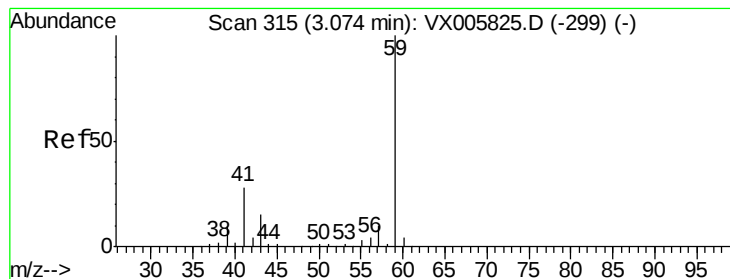
96 74.5 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



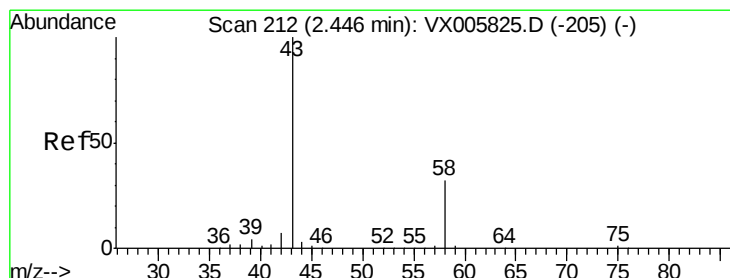
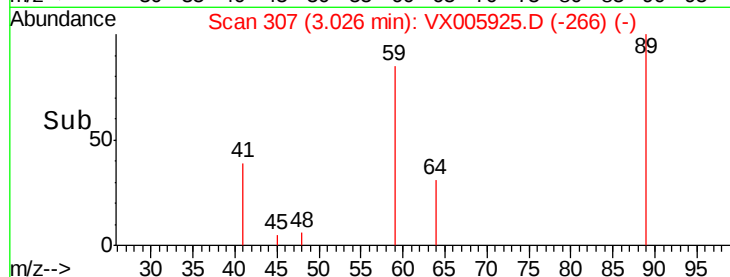
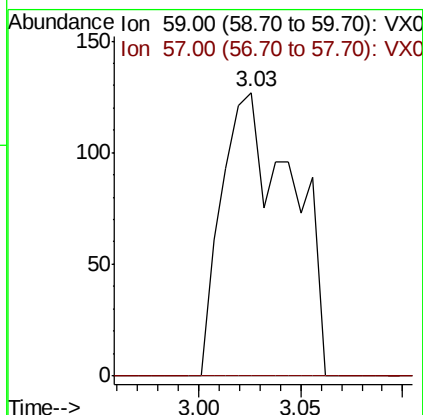
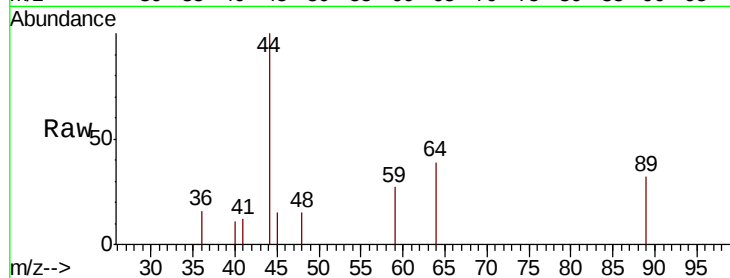


#11

Tert butyl alcohol
 Concen: 0.906 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: VX005925.D
 Acq: 13 Nov 2018 03:05

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN001

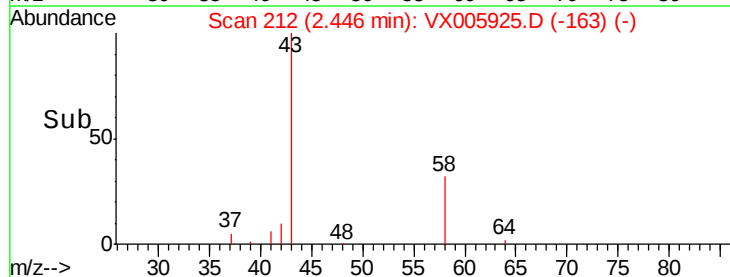
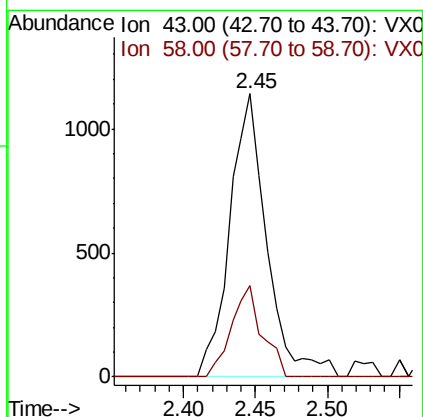
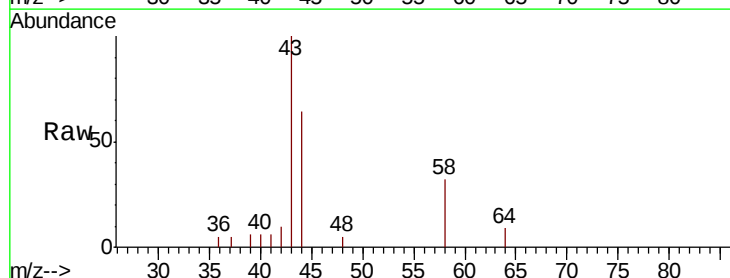
Tot Ion: 59 Resp: 304
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

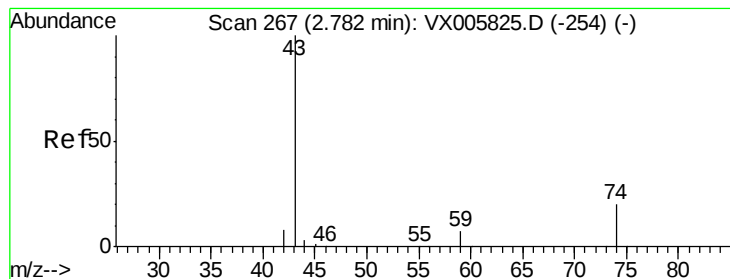


#16

Acetone
 Concen: 3.252 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX005925.D
 Acq: 13 Nov 2018 03:05

Tgt Ion: 43 Resp: 2050
 Ion Ratio Lower Upper
 43 100
 58 32.2 23.8 35.6





#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005925.D

Acq: 13 Nov 2018 03:05

Instrument :

MSVOA_X

ClientSampled :

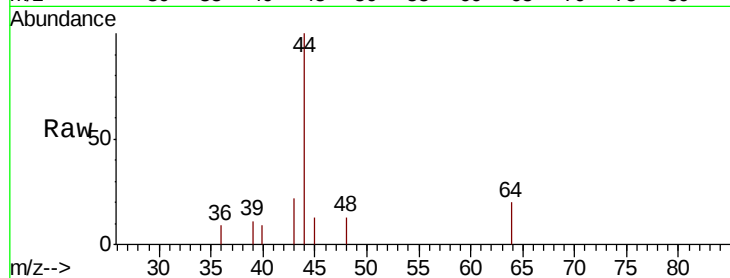
DSN001

Tot Ion: 43 Resp: 296

Ion Ratio Lower Upper

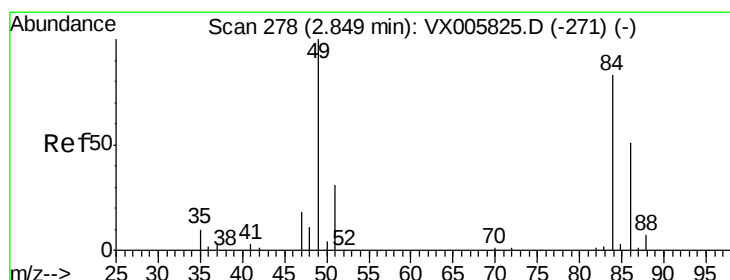
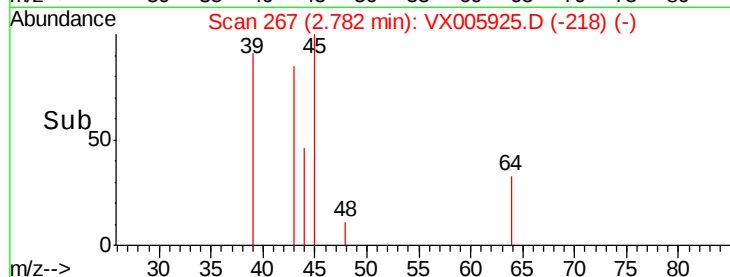
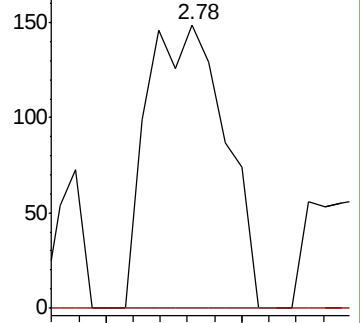
43 100

74 0.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 0.497 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX005925.D

Acq: 13 Nov 2018 03:05

Tgt Ion: 84 Resp: 515

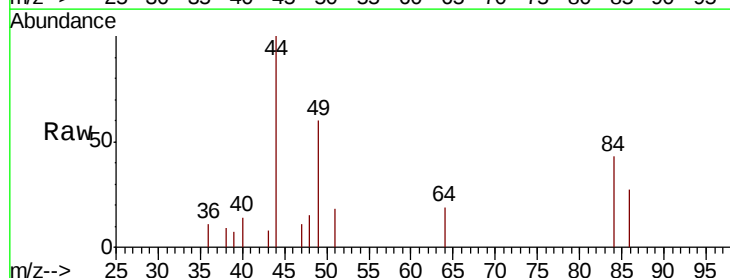
Ion Ratio Lower Upper

84 100

49 141.1 109.5 164.3

51 42.8 33.3 49.9

86 63.4 52.7 79.1

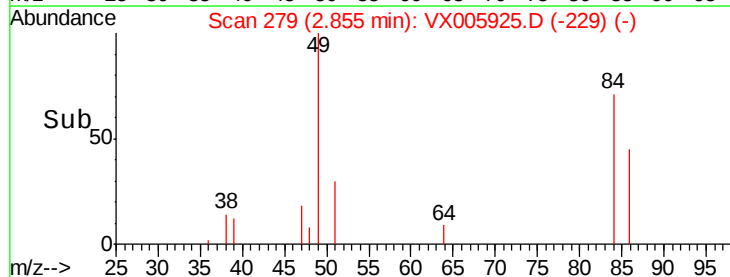
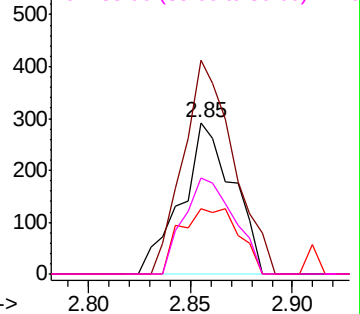


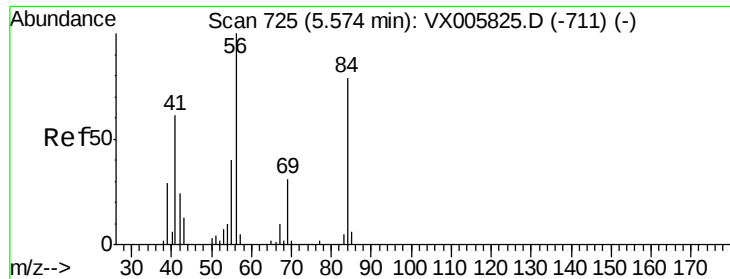
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

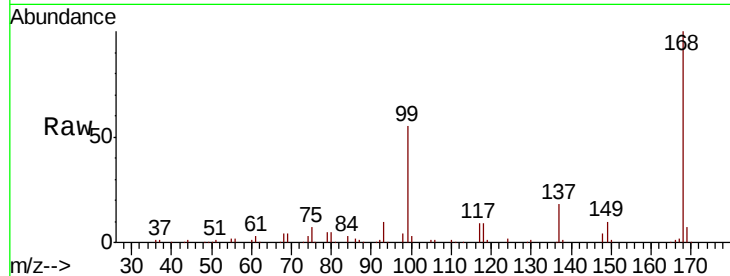




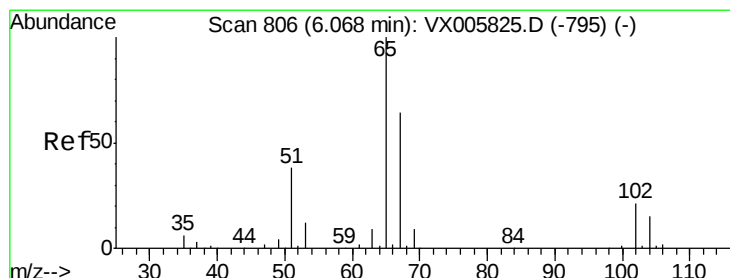
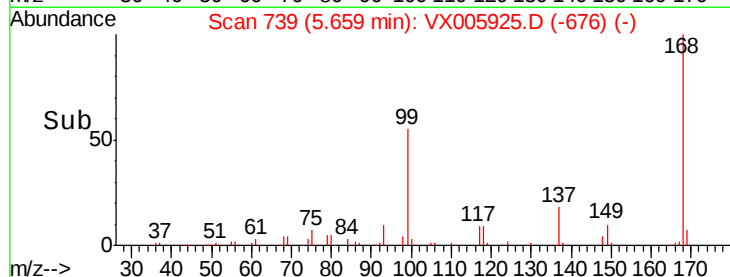
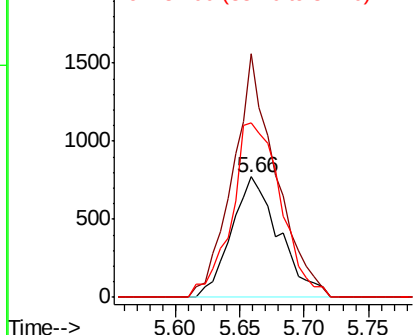
#31
Cyclohexane
Concen: 1.223 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005925.D
Acq: 13 Nov 2018 03:05

Instrument :
MSVOA_X
ClientSampled :
DSN001

Tot Ion: 56 Resp: 1995
Ion Ratio Lower Upper
56 100
69 202.2 22.6 34.0#
84 145.1 62.7 94.1#

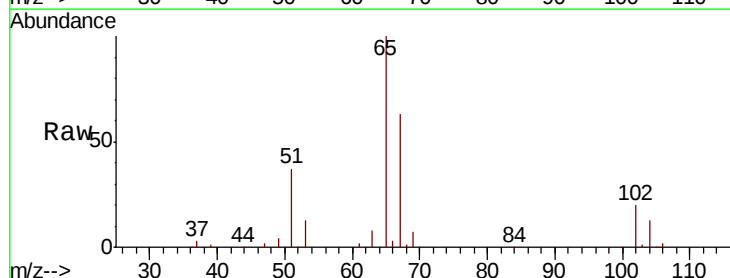


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

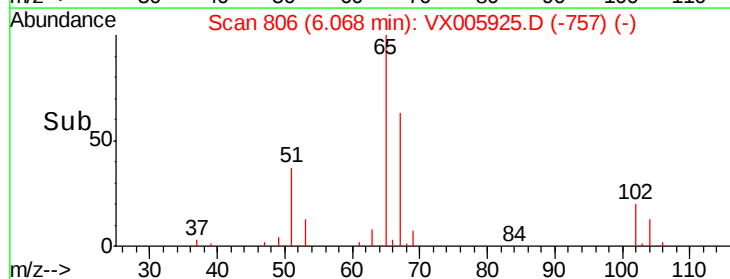
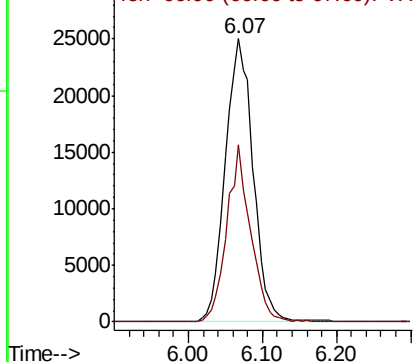


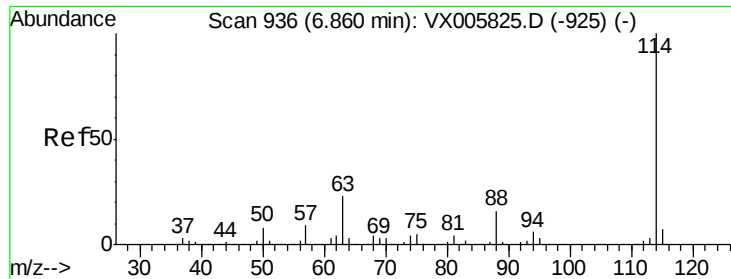
#33
1,2-Dichloroethane-d4
Concen: 55.930 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005925.D
Acq: 13 Nov 2018 03:05

Tgt Ion: 65 Resp: 65480
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.0



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

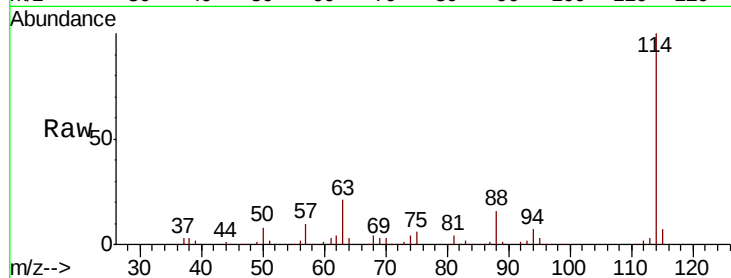




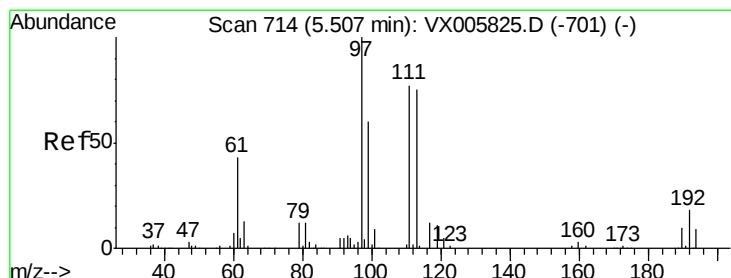
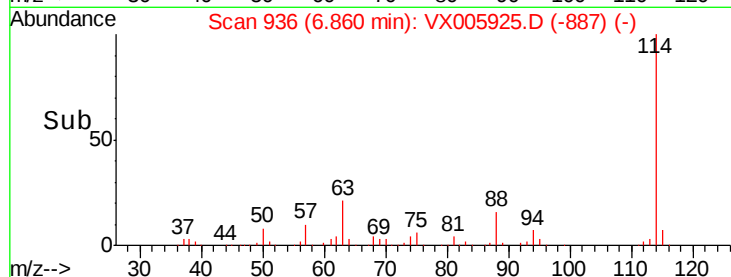
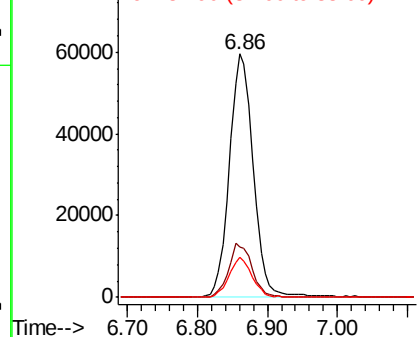
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005925.D
 Acq: 13 Nov 2018 03:05

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN001

Tot Ion:114 Resp: 142089
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 16.4 0.0 31.2

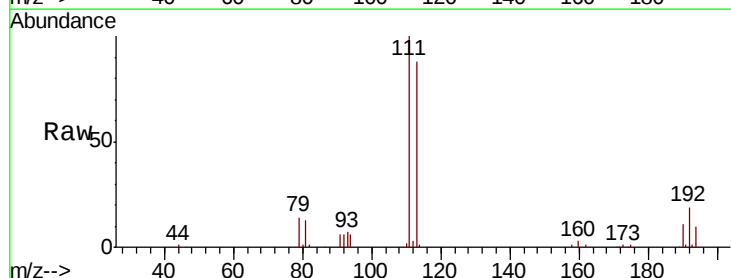


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

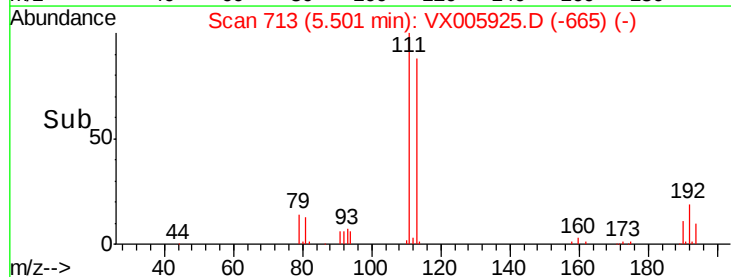
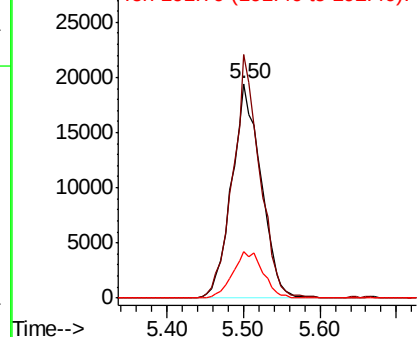


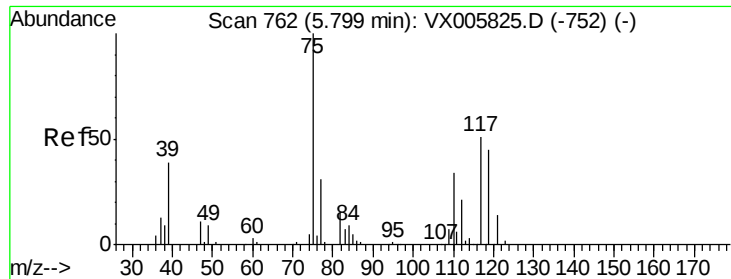
#35
 Dibromofluoromethane
 Concen: 53.419 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX005925.D
 Acq: 13 Nov 2018 03:05

Tgt Ion:113 Resp: 51625
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.3 123.5
 192 22.3 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

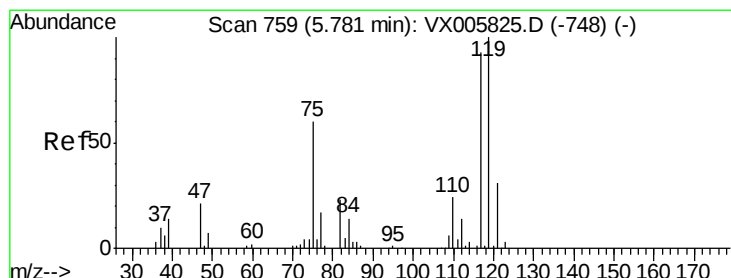
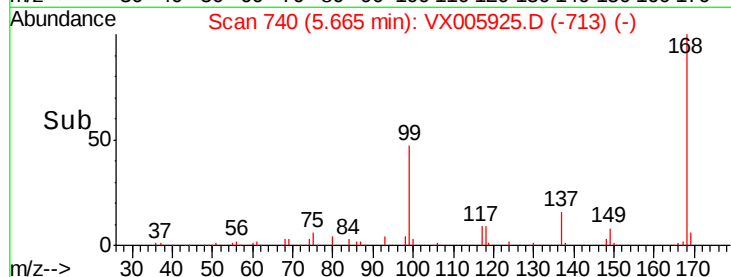
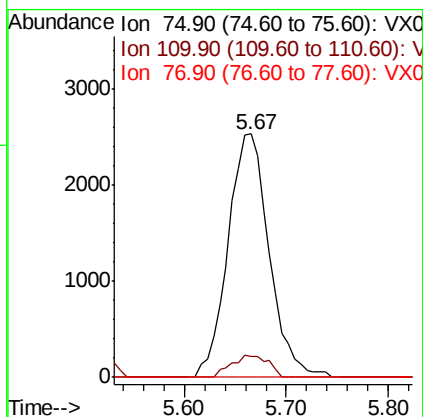
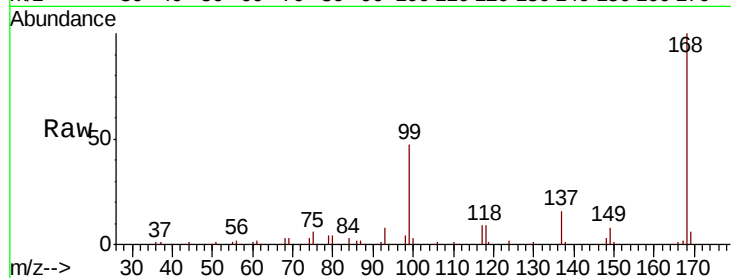




#36
 1,1-Dichloropropene
 Concen: 5.153 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005925.D
 Acq: 13 Nov 2018 03:05

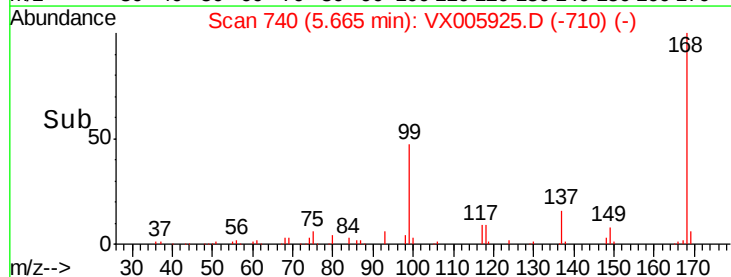
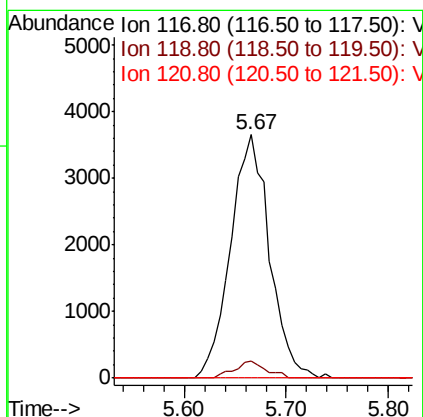
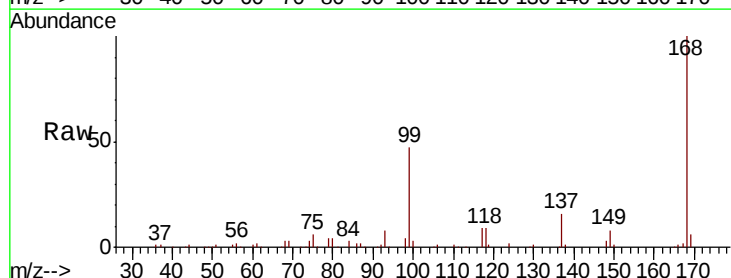
Instrument :
 MSVOA_X
 ClientSampleId :
 DSN001

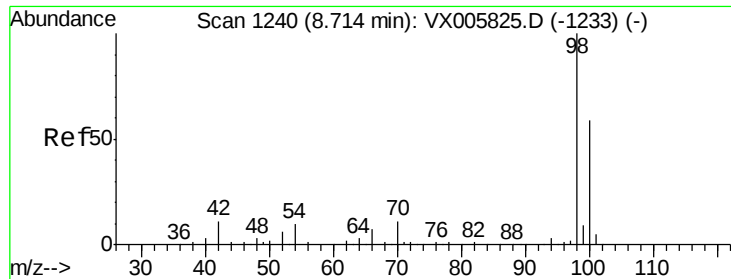
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.4	52.2#
77	0.0	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 7.049 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX005925.D
 Acq: 13 Nov 2018 03:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	78.1	117.1#
121	0.0	24.6	36.8#





#50

Toluene-d8

Concen: 53.726 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005925.D

Acq: 13 Nov 2018 03:05

Instrument :

MSVOA_X

ClientSampleId :

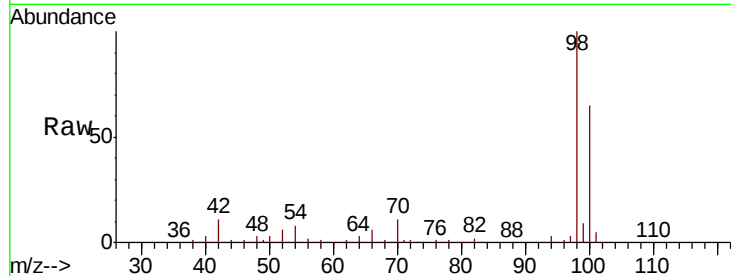
DSN001

Tot Ion: 98 Resp: 172619

Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

120000

100000

80000

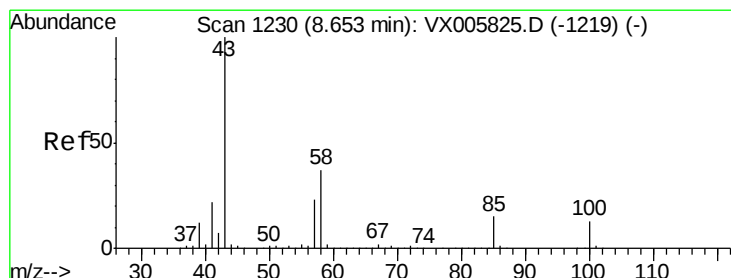
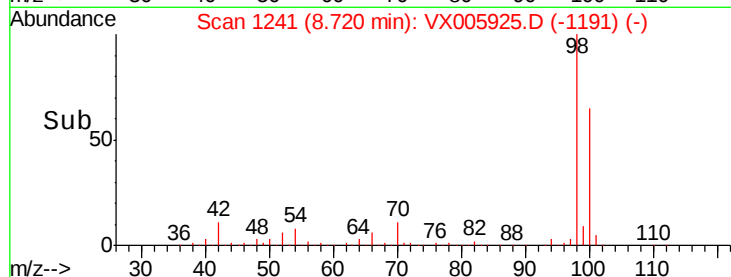
60000

40000

20000

0

Time--> 8.60 8.70 8.80 8.90



#51

4-Methyl-2-Pentanone

Concen: 0.463 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.06 min

Lab File: VX005925.D

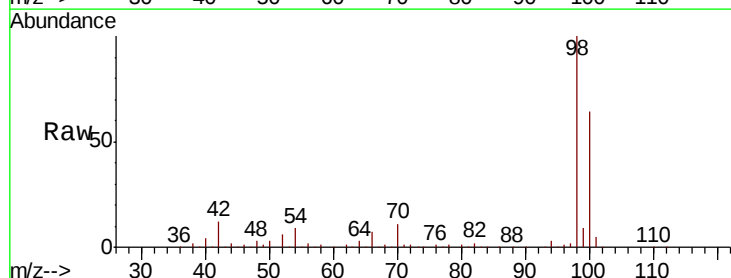
Acq: 13 Nov 2018 03:05

Tgt Ion: 43 Resp: 761

Ion Ratio Lower Upper

43 100

58 186.9 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1000

800

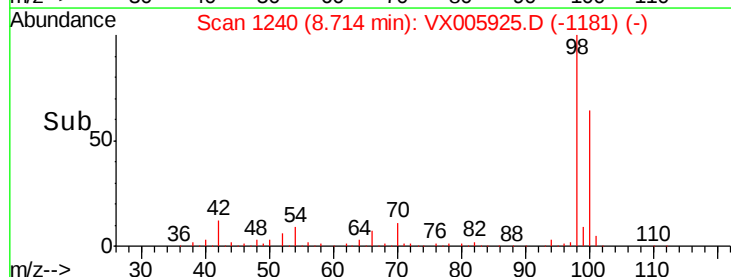
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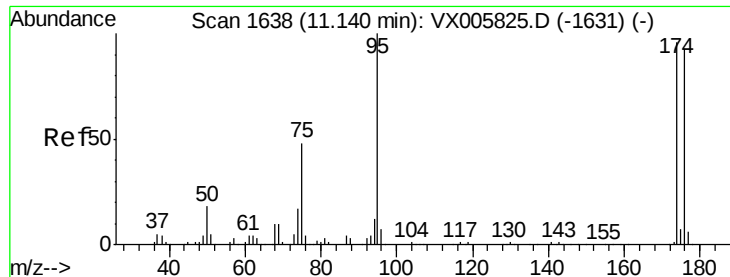
400

200

0

Time--> 8.65 8.70 8.75

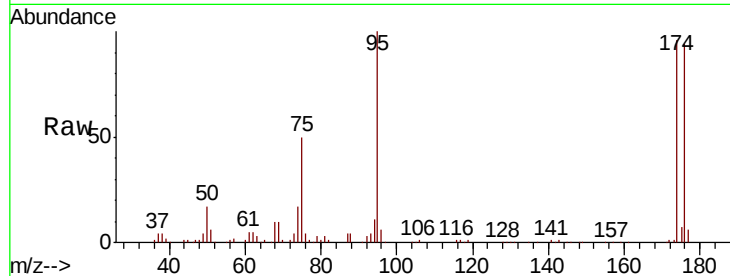




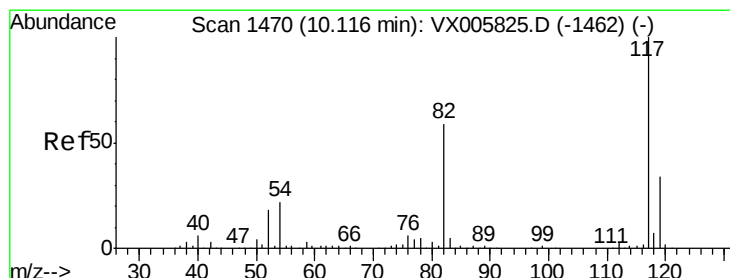
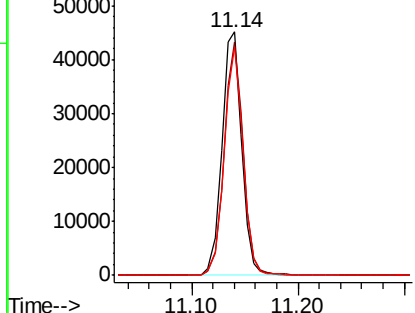
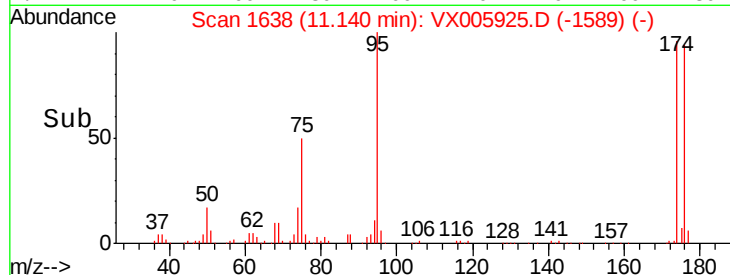
#62
4-Bromofluorobenzene
Concen: 50.729 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005925.D
Acq: 13 Nov 2018 03:05

Instrument :
MSVOA_X
ClientSampleId :
DSN001

Tot Ion: 95 Resp: 58600
Ion Ratio Lower Upper
95 100
174 92.0 0.0 184.4
176 89.6 0.0 177.4

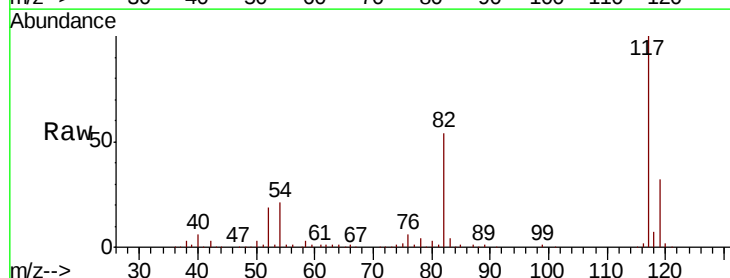


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

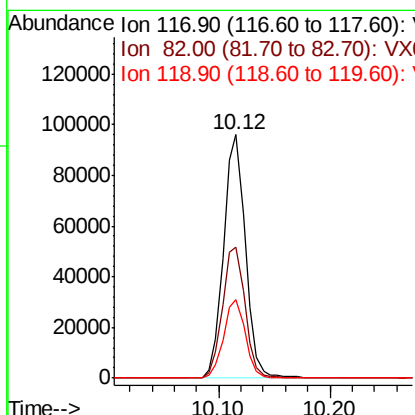
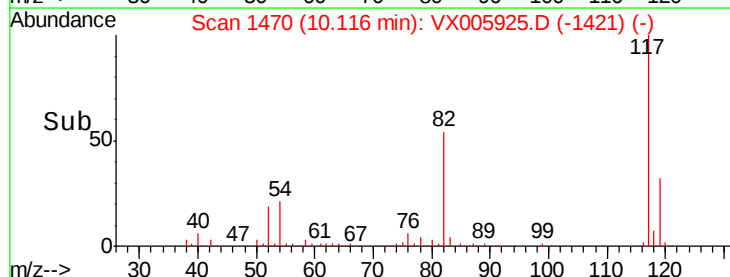


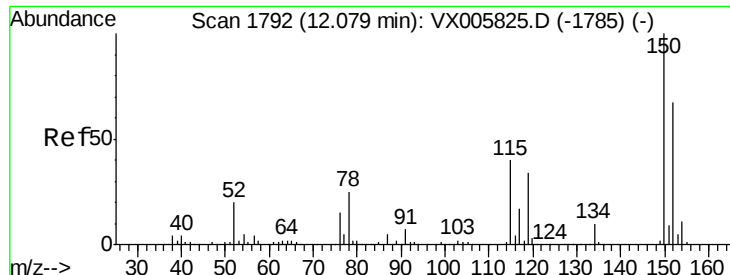
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005925.D
Acq: 13 Nov 2018 03:05

Tgt Ion: 117 Resp: 130443
Ion Ratio Lower Upper
117 100
82 53.9 44.1 66.1
119 32.2 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: VX005925.D

Acq: 13 Nov 2018 03:05

Instrument :

MSVOA_X

ClientSampleId :

DSN001

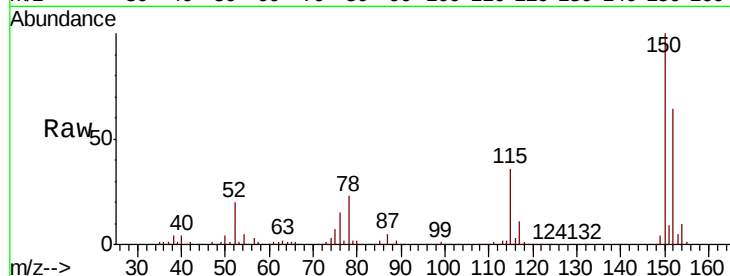
Tot Ion:152 Resp: 63025

Ion Ratio Lower Upper

152 100

115 56.6 39.4 118.1

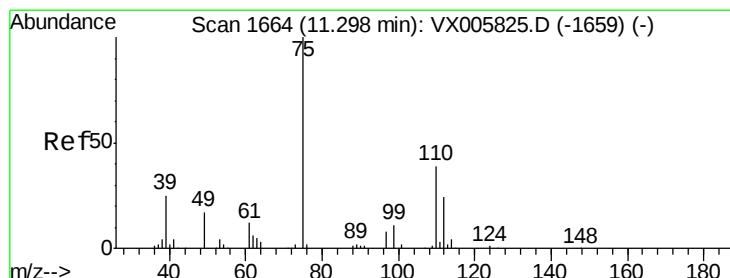
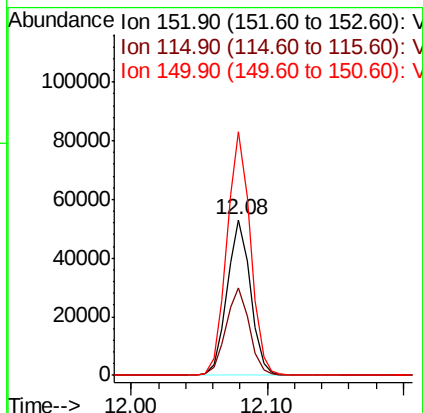
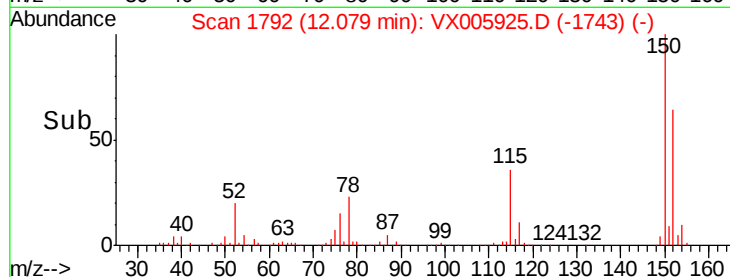
150 157.9 0.0 346.4



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: 23.272 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005925.D

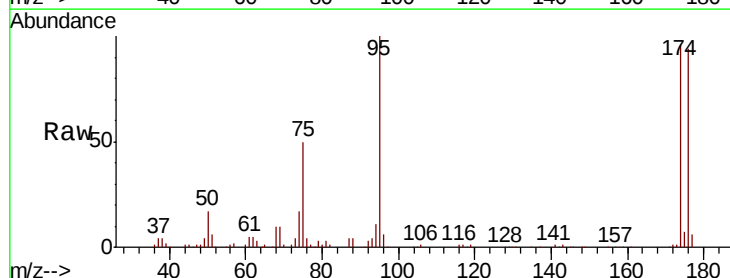
Acq: 13 Nov 2018 03:05

Tgt Ion: 75 Resp: 29865

Ion Ratio Lower Upper

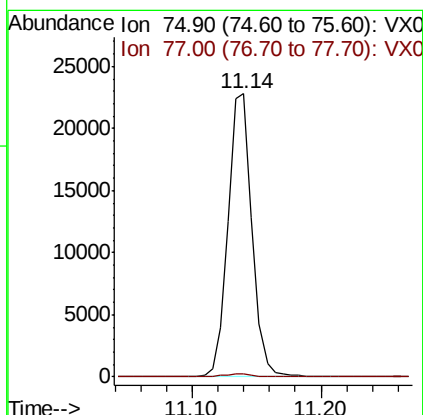
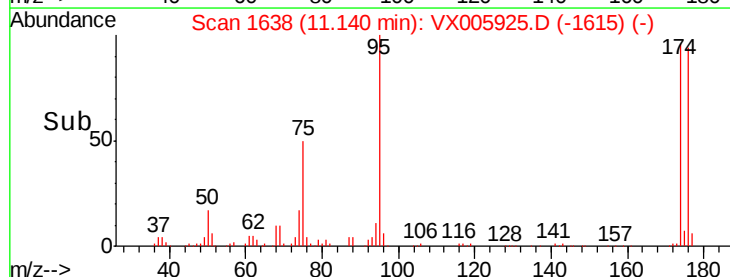
75 100

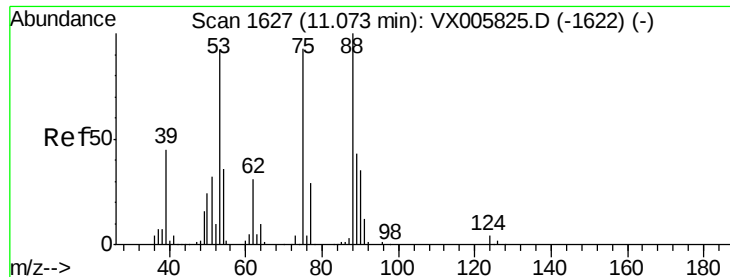
77 1.3 20.5 61.6#



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: 74.170 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005925.D

Acq: 13 Nov 2018 03:05

Instrument :

MSVOA_X

ClientSampleId :

DSN001

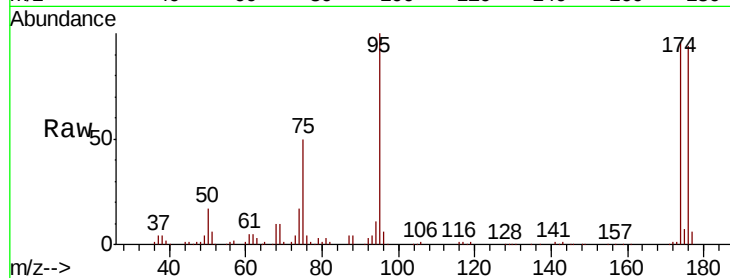
Tot Ion: 75 Resp: 29865

Ion Ratio Lower Upper

75 100

53 0.1 80.2 120.2#

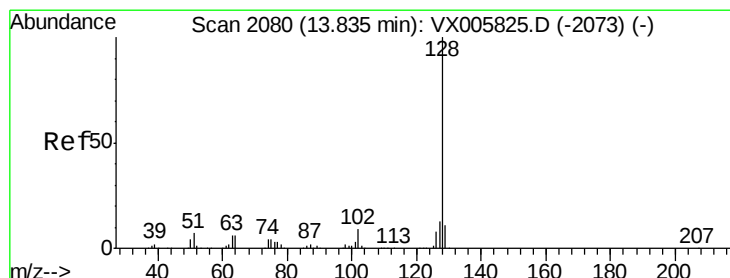
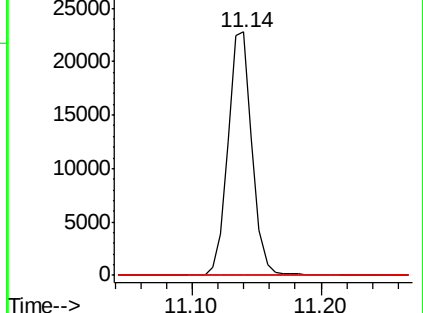
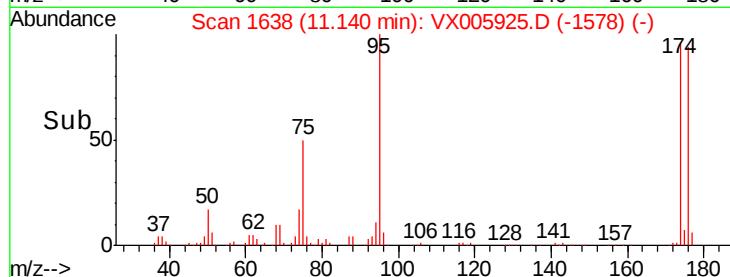
89 0.0 39.8 59.8#



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: 1.213 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005925.D

Acq: 13 Nov 2018 03:05

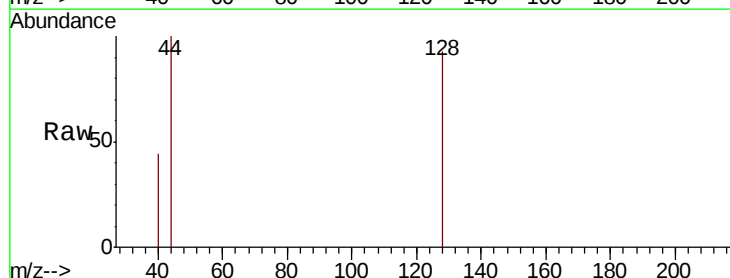
Tgt Ion:128 Resp: 164

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

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

