

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003801.D
 Acq On : 01 Aug 2018 18:23
 Operator : JC/SP
 Sample : J4143-09RE
 Misc : 11.11G/5.0mL/MSVOA X/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 02 05:56:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	59462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	84184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	67947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	26881	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	23082	38.38	ug/l	0.00
Spiked Amount			Recovery	=	76.76%	
35) Dibromofluoromethane	5.50	113	20193	40.74	ug/l	0.00
Spiked Amount			Recovery	=	81.48%	
50) Toluene-d8	8.72	98	77845	37.67	ug/l	0.00
Spiked Amount			Recovery	=	75.34%	
62) 4-Bromofluorobenzene	11.14	95	22484	29.51	ug/l	0.00
Spiked Amount			Recovery	=	59.02%	

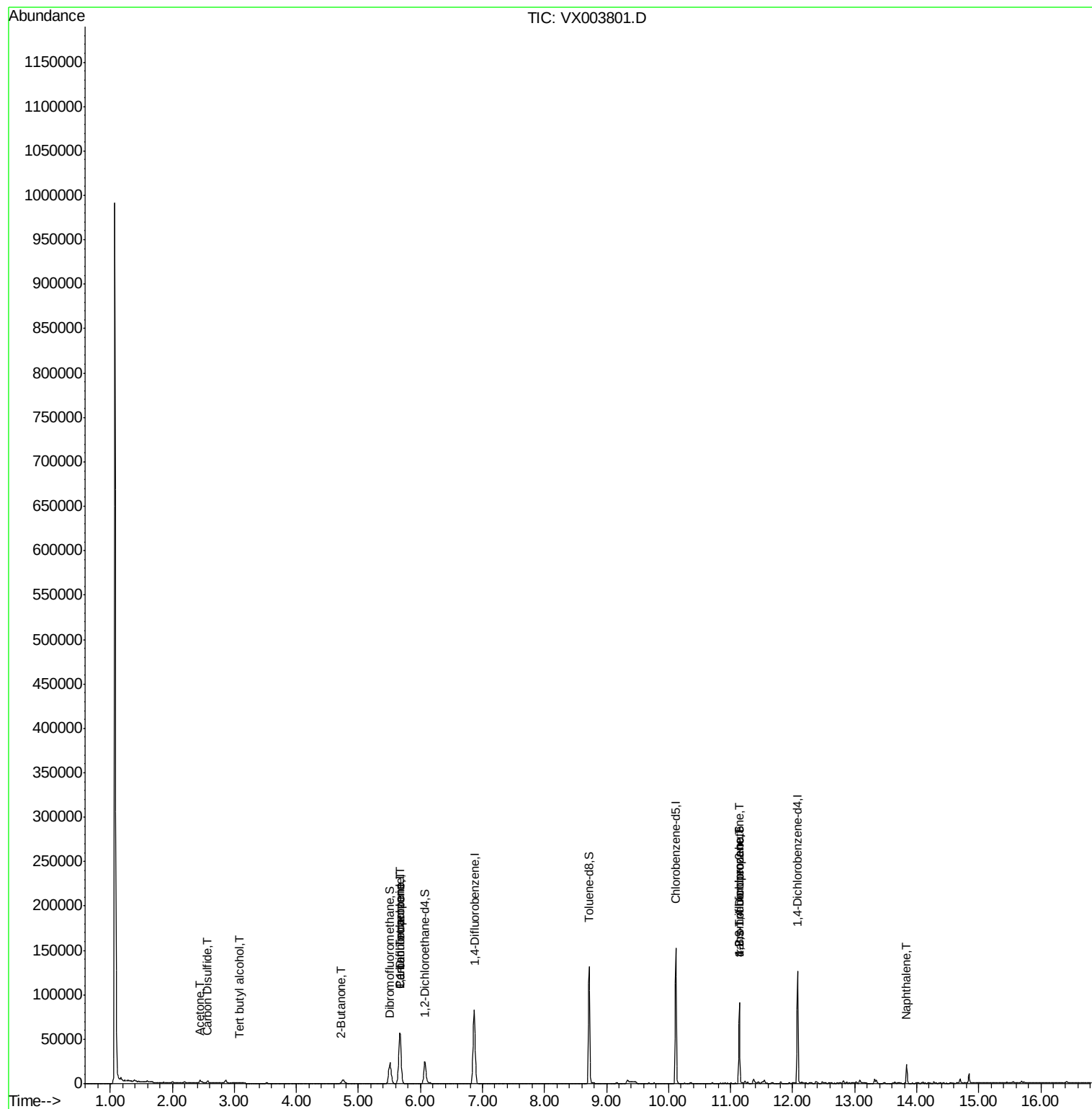
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	95	Below Cal	#	2
11) Tert butyl alcohol	3.07	59	149	1.53	ug/l #	73
16) Acetone	2.45	43	2820	12.28	ug/l	99
17) Carbon Disulfide	2.57	76	3411	1.97	ug/l	97
20) Methylene Chloride	2.86	84	1678	Below Cal	#	85
25) 2-Butanone	4.71	43	339	1.01	ug/l #	49
36) 1,1-Dichloropropene	5.66	75	3839	4.87	ug/l #	49
38) Carbon Tetrachloride	5.67	117	5067	6.95	ug/l #	18
76) 1,2,3-Trichloropropane	11.14	75	10514	28.38	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	10514	84.05	ug/l #	11
95) Naphthalene	13.83	128	13583	9.69	ug/l	99

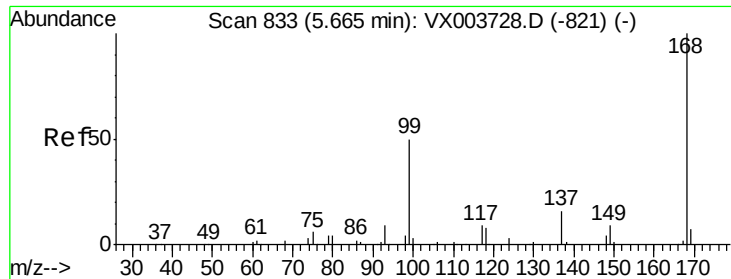
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080118\
Data File : VX003801.D
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Operator : JC/SP
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 02 05:56:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration

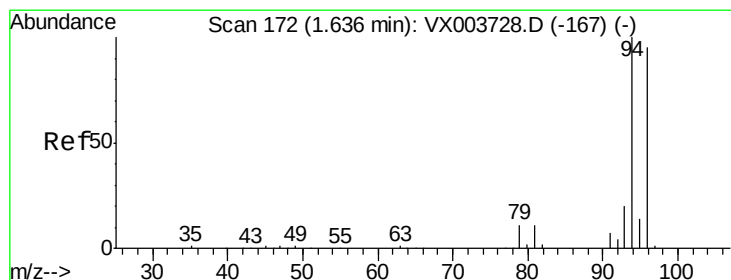
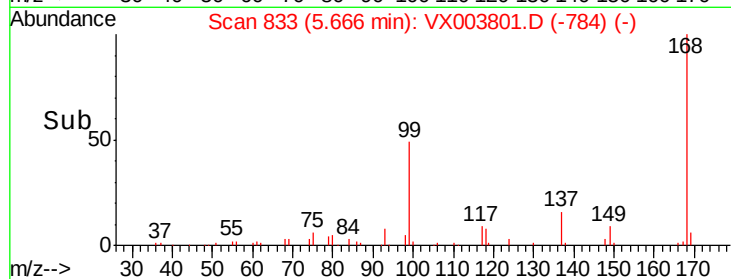
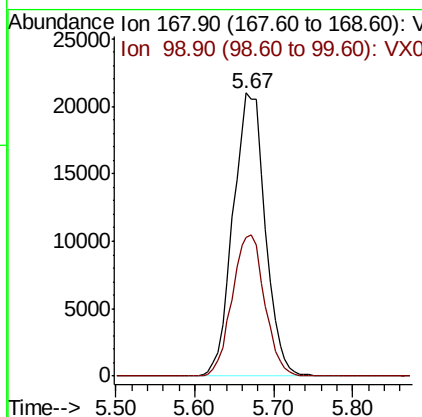
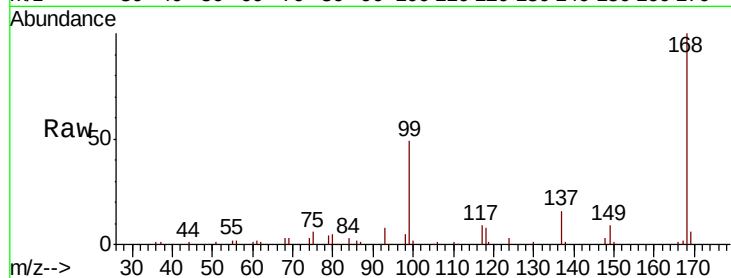




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003801.D
Acq: 01 Aug 2018 18:23

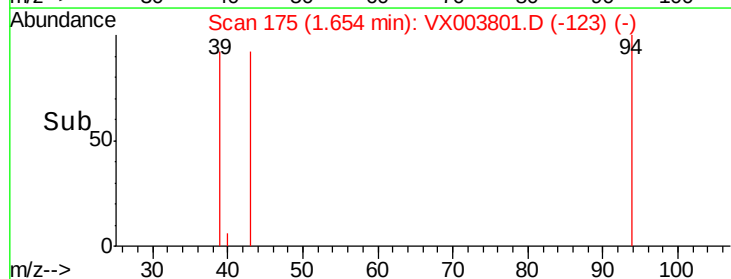
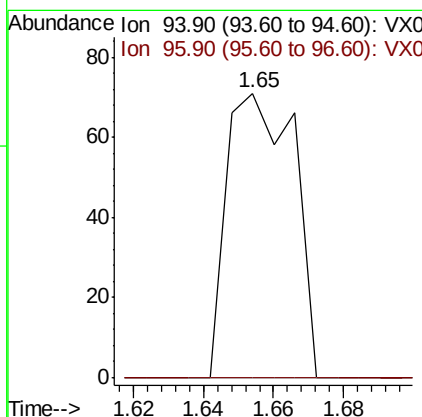
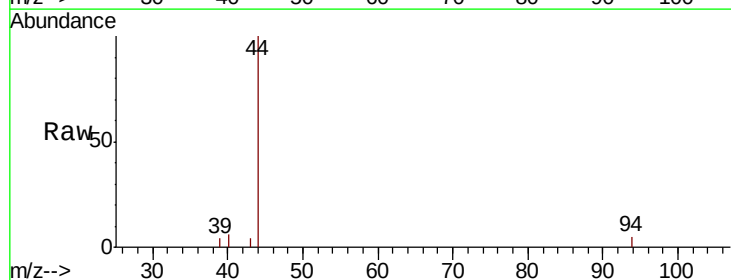
Instrument :
MSVOA_X
ClientSampled :

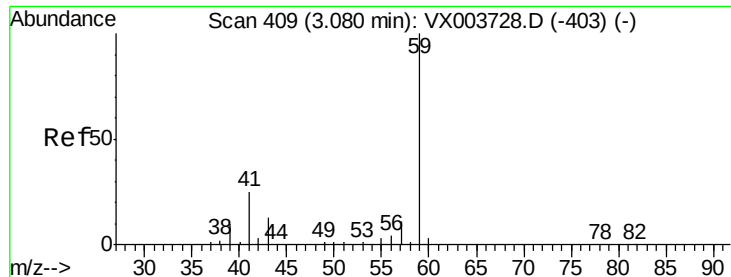
Tot Ion:168 Resp: 59462
Ion Ratio Lower Upper
168 100
99 48.8 40.2 60.2



#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX003801.D
Acq: 01 Aug 2018 18:23

Tgt Ion: 94 Resp: 95
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

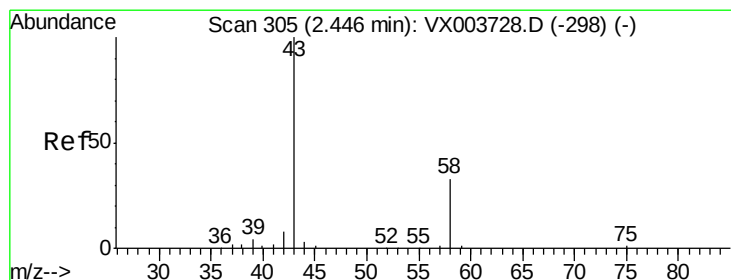
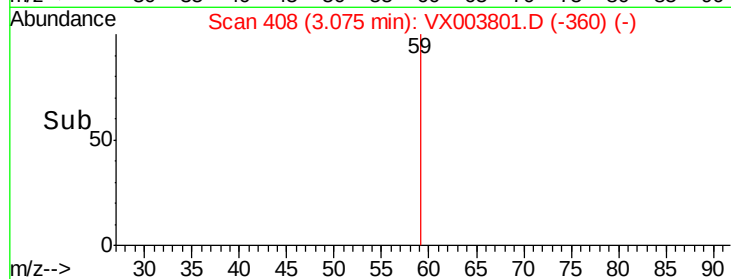
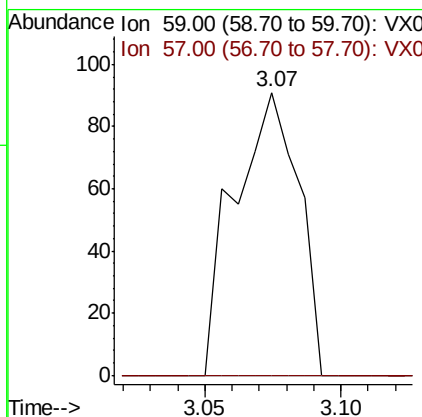
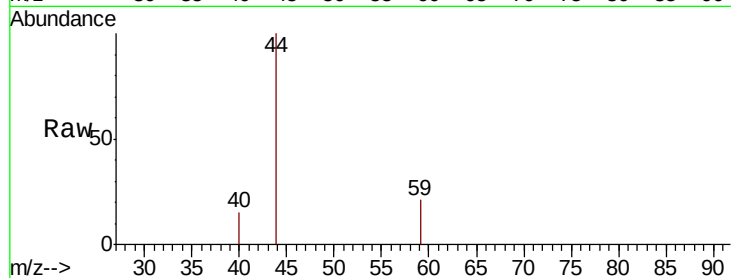




#11
 Tert butyl alcohol
 Concen: 1.53 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003801.D
 Acq: 01 Aug 2018 18:23

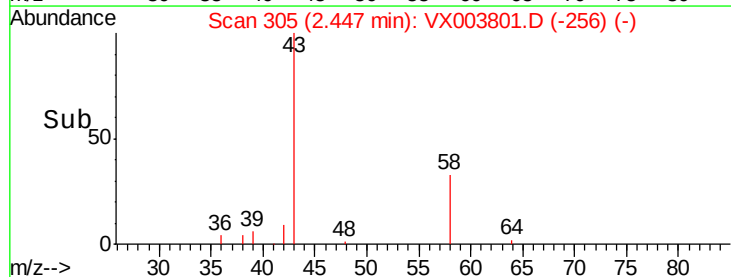
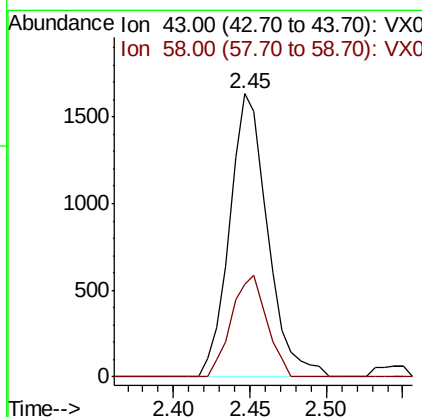
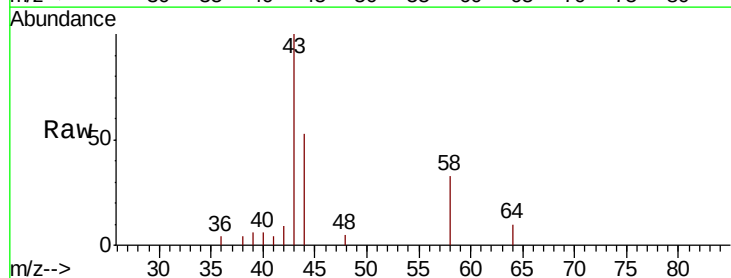
Instrument :
 MSVOA_X
 ClientSampled :

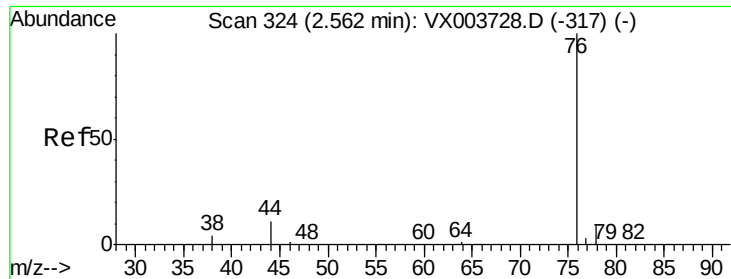
Tot Ion: 59 Resp: 149
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#



#16
 Acetone
 Concen: 12.28 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VX003801.D
 Acq: 01 Aug 2018 18:23

Tgt Ion: 43 Resp: 2820
 Ion Ratio Lower Upper
 43 100
 58 32.6 26.7 40.1

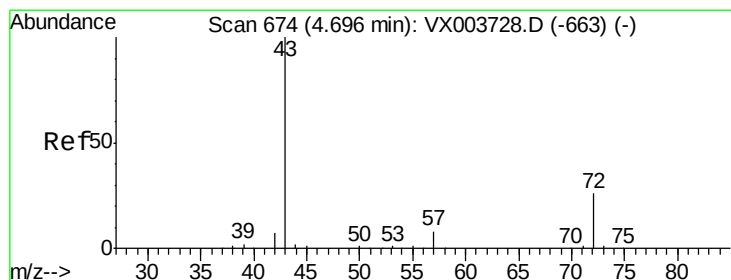
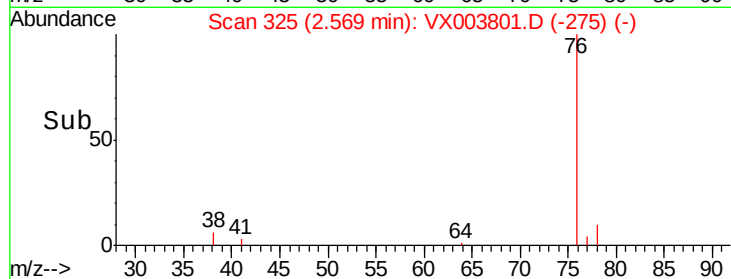
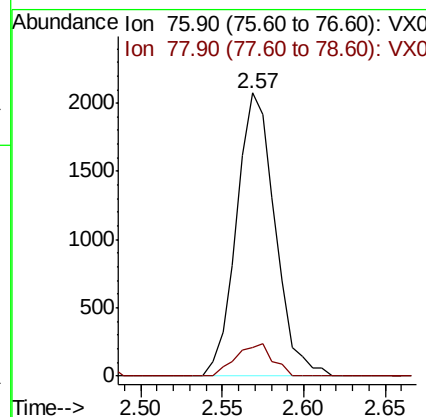
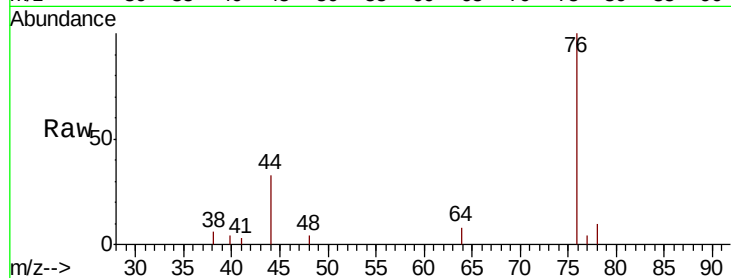




#17
Carbon Disulfide
Concen: 1.97 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003801.D
Acq: 01 Aug 2018 18:23

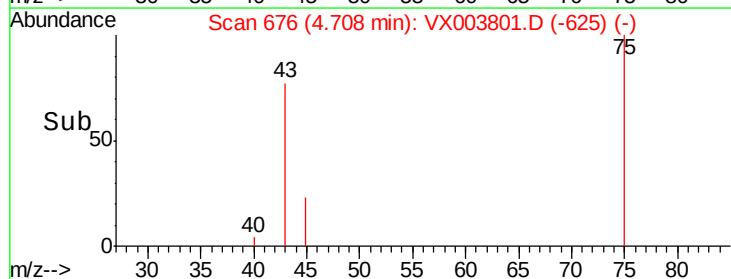
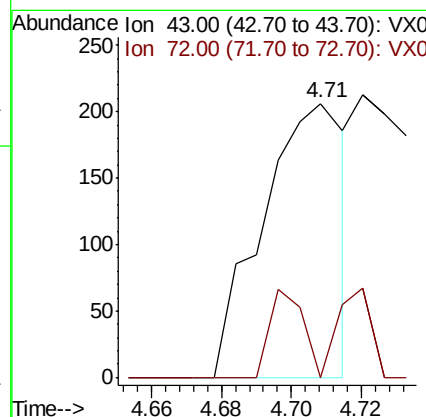
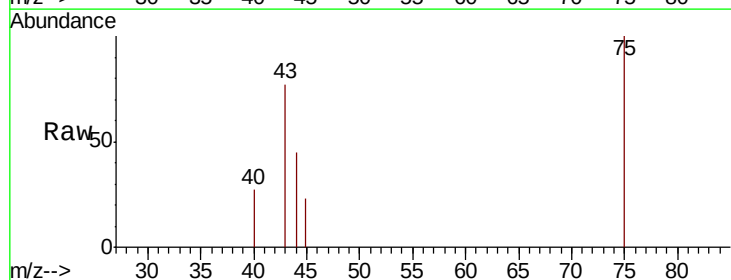
Instrument :
MSVOA_X
ClientSampleId :

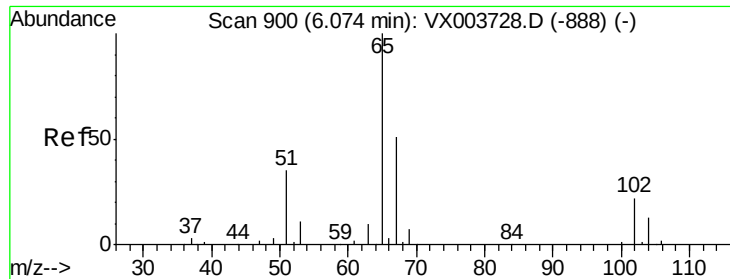
Tot Ion: 76 Resp: 3411
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9



#25
2-Butanone
Concen: 1.01 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX003801.D
Acq: 01 Aug 2018 18:23

Tgt Ion: 43 Resp: 339
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#

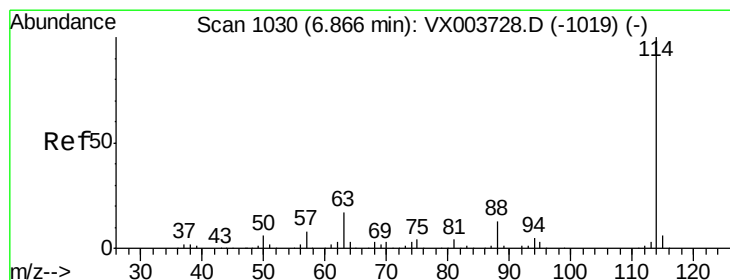
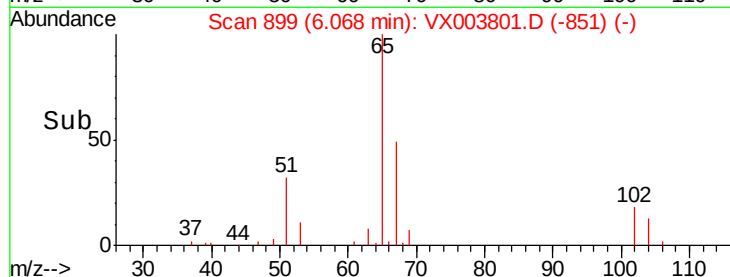
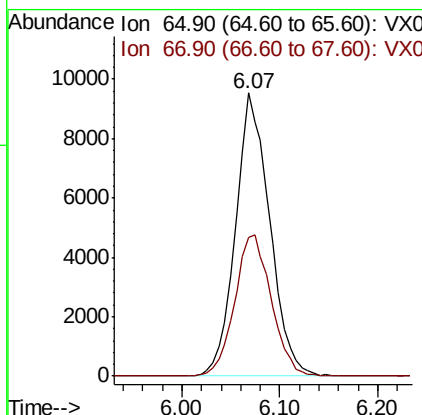
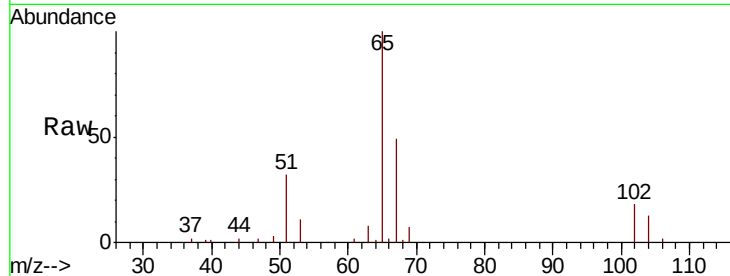




#33
 1,2-Dichloroethane-d4
 Concen: 38.38 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003801.D
 Acq: 01 Aug 2018 18:23

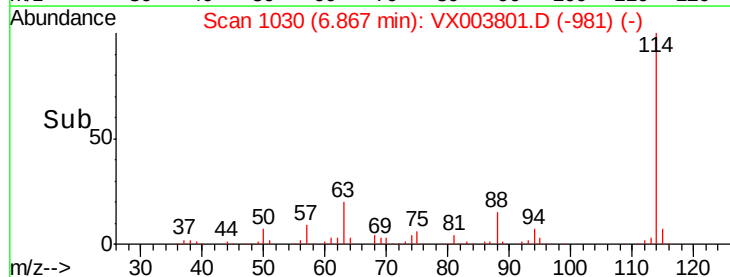
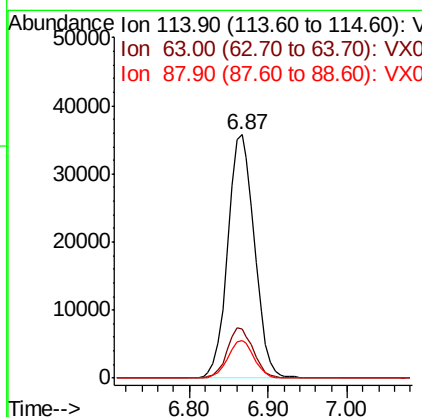
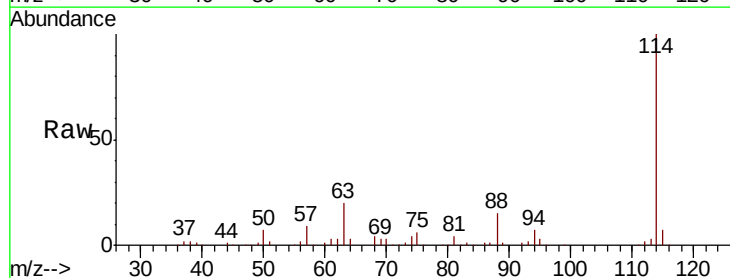
Instrument :
 MSVOA_X
 ClientSampleId :

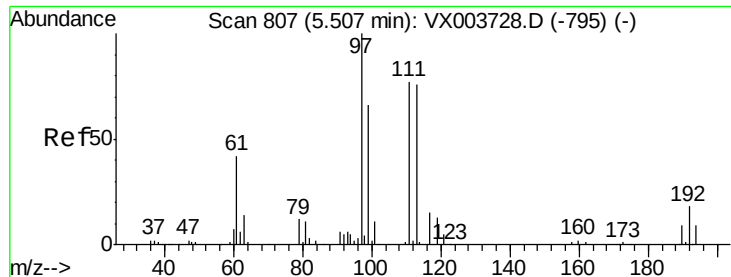
Tot Ion: 65 Resp: 23082
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003801.D
 Acq: 01 Aug 2018 18:23

Tgt Ion: 114 Resp: 84184
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 34.0
 88 15.4 0.0 26.4





#35

Dibromofluoromethane

Concen: 40.74 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003801.D

Acq: 01 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

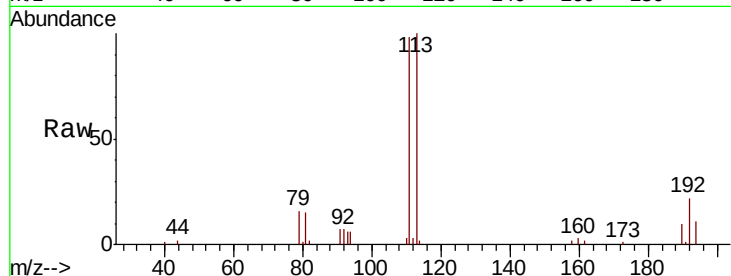
Tot Ion:113 Resp: 20193

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.6

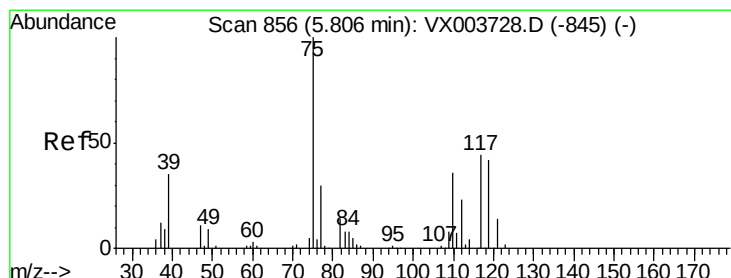
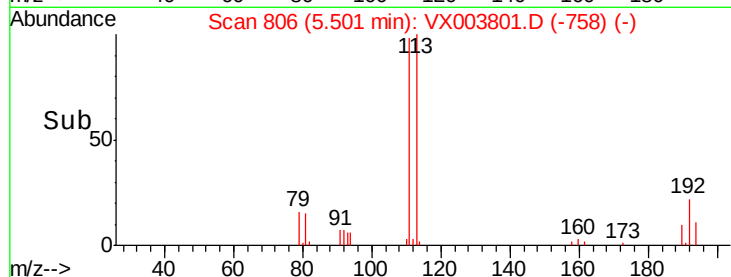
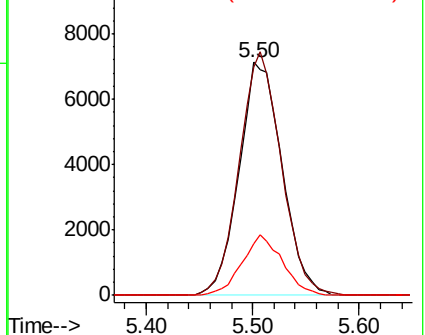
192 24.3 18.8 28.2



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: 4.87 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.15 min

Lab File: VX003801.D

Acq: 01 Aug 2018 18:23

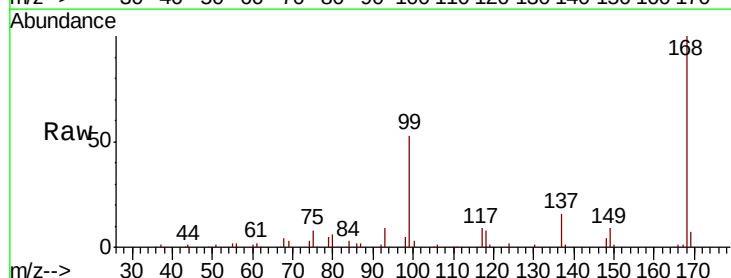
Tgt Ion: 75 Resp: 3839

Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.8#

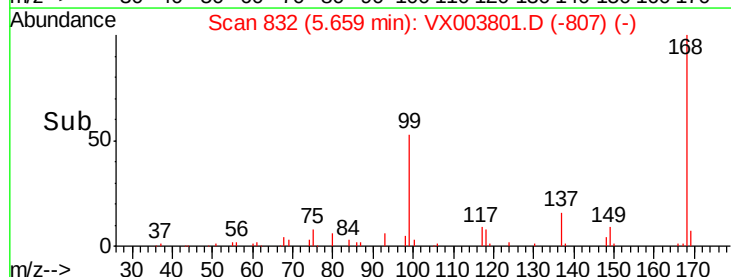
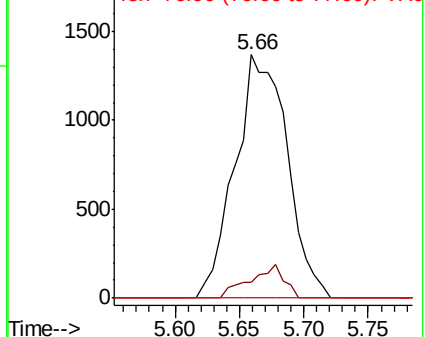
77 0.0 25.1 37.7#

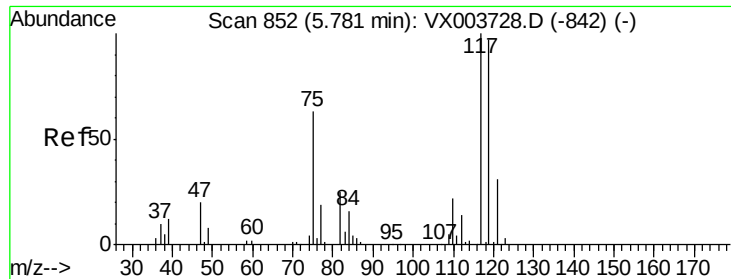


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

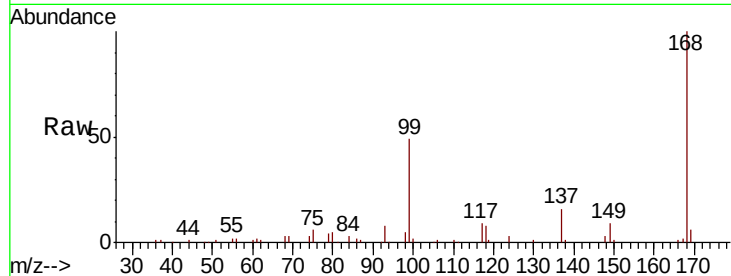




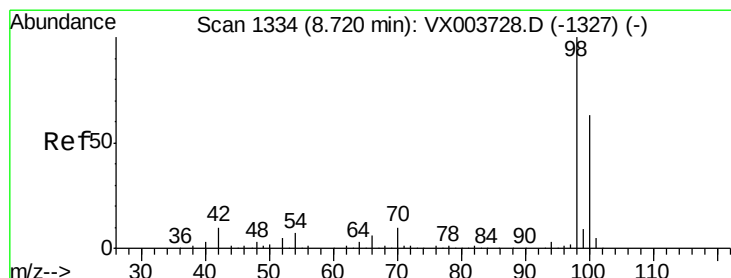
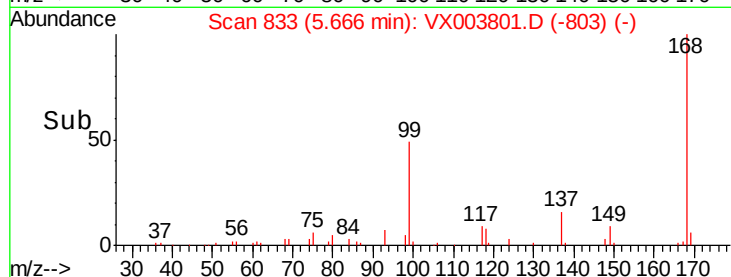
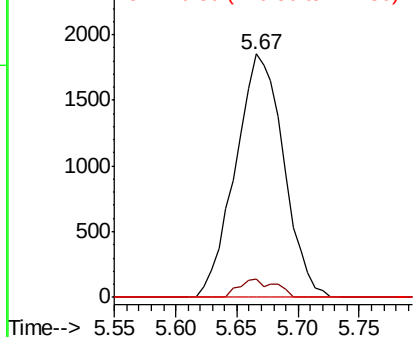
#38
Carbon Tetrachloride
Concen: 6.95 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003801.D
Acq: 01 Aug 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 5067
Ion Ratio Lower Upper
117 100
119 7.6 77.2 115.8#
121 0.0 25.0 37.4#

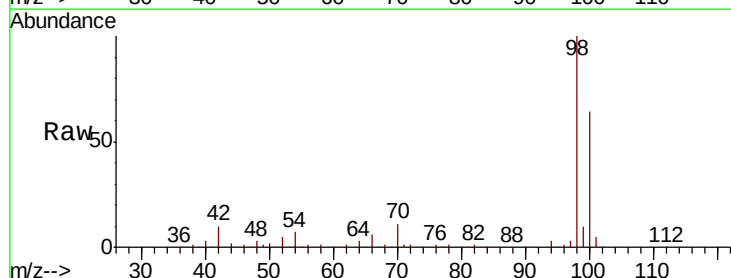


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

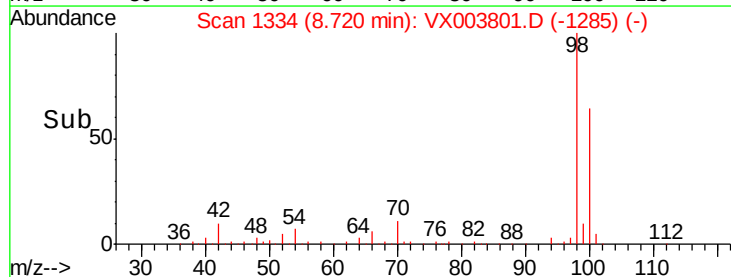
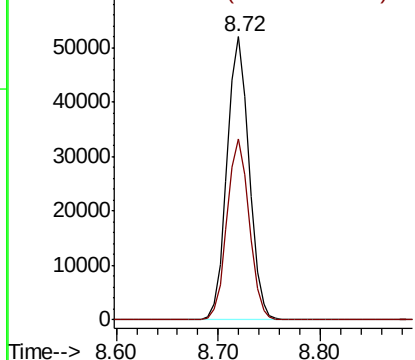


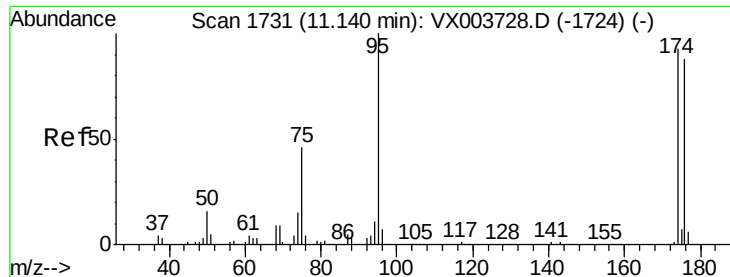
#50
Toluene-d8
Concen: 37.67 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003801.D
Acq: 01 Aug 2018 18:23

Tgt Ion: 98 Resp: 77845
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 29.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003801.D

Acq: 01 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampled :

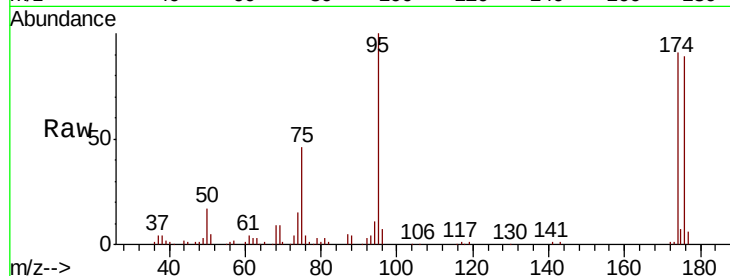
Tot Ion: 95 Resp: 22484

Ion Ratio Lower Upper

95 100

174 92.2 0.0 186.2

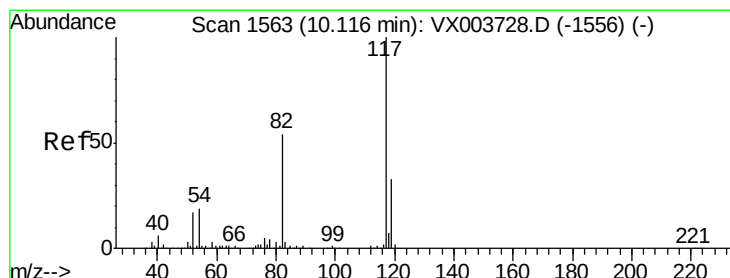
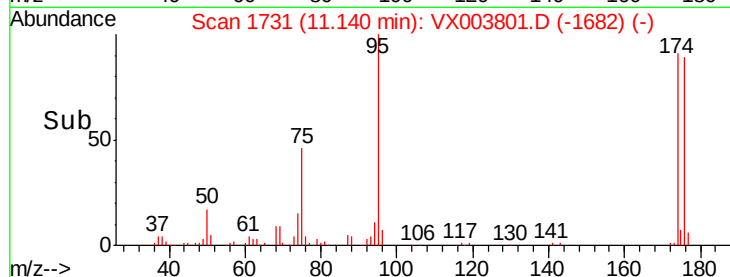
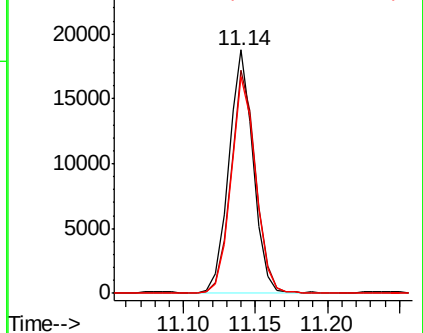
176 89.0 0.0 179.2



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003801.D

Acq: 01 Aug 2018 18:23

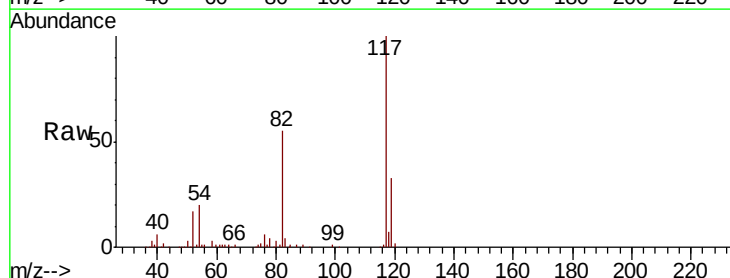
Tgt Ion: 117 Resp: 67947

Ion Ratio Lower Upper

117 100

82 55.0 43.2 64.8

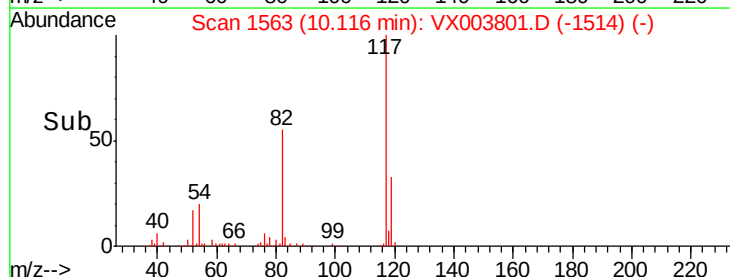
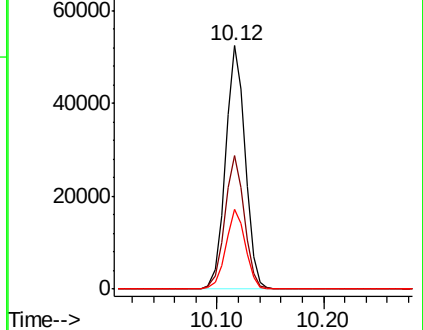
119 32.8 26.3 39.5

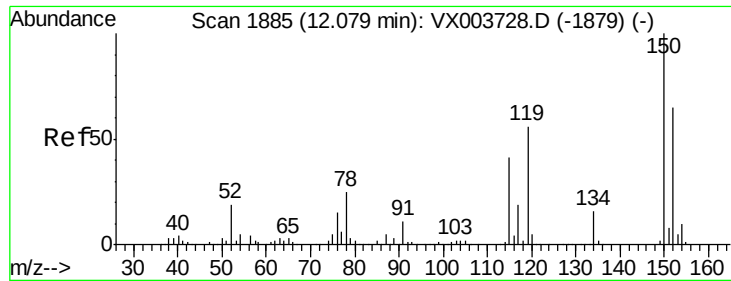


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003801.D

Acq: 01 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampled :

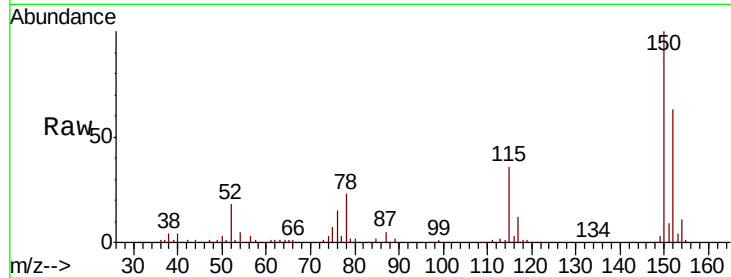
Tot Ion:152 Resp: 26881

Ion Ratio Lower Upper

152 100

115 55.0 38.5 115.3

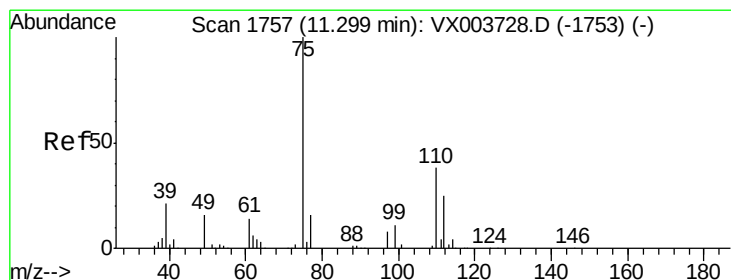
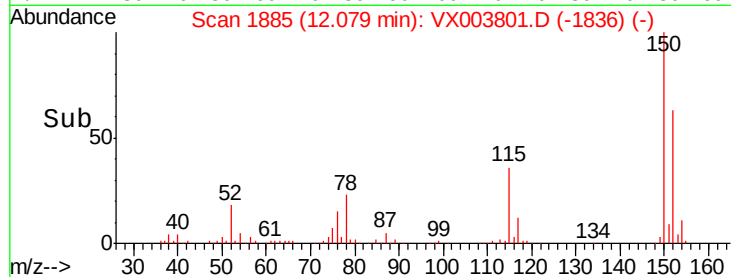
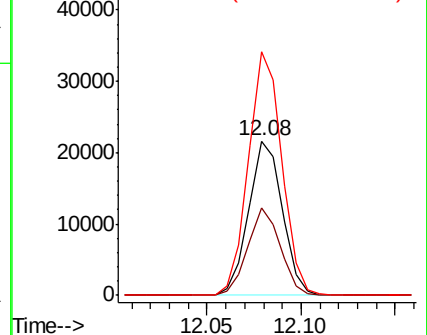
150 156.7 0.0 346.2



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: 28.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003801.D

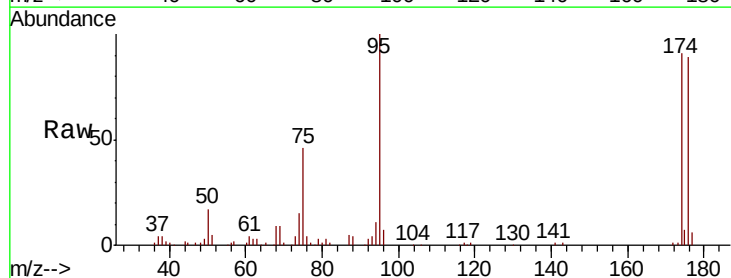
Acq: 01 Aug 2018 18:23

Tgt Ion: 75 Resp: 10514

Ion Ratio Lower Upper

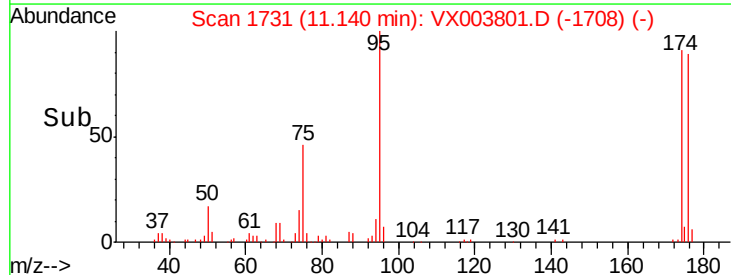
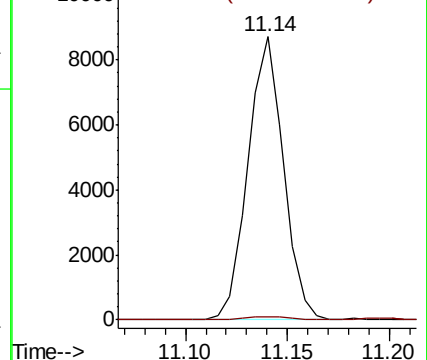
75 100

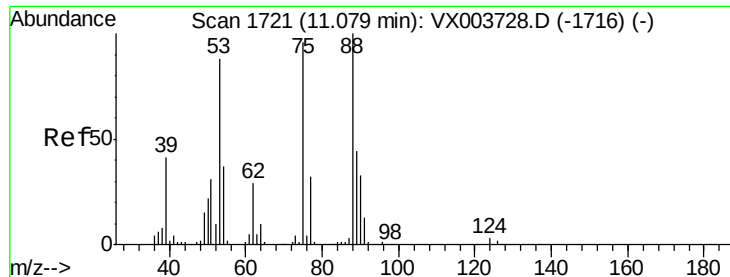
77 1.5 21.6 65.0#



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: 84.05 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003801.D

Acq: 01 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

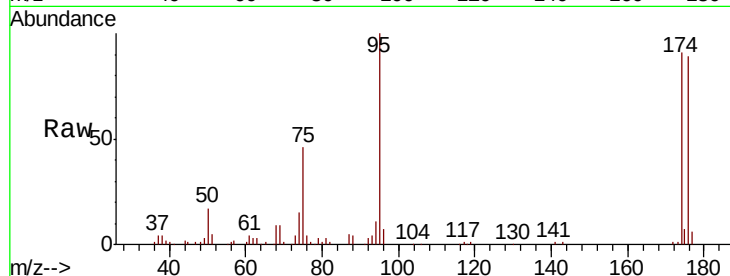
Tot Ion: 75 Resp: 10514

Ion Ratio Lower Upper

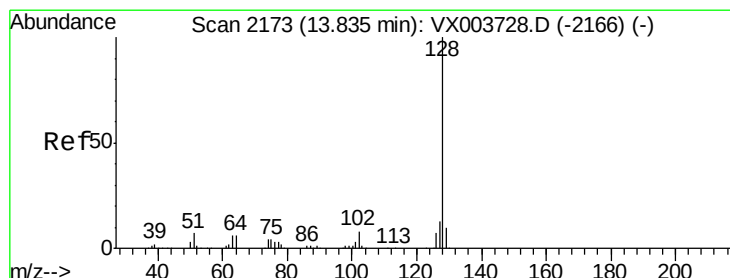
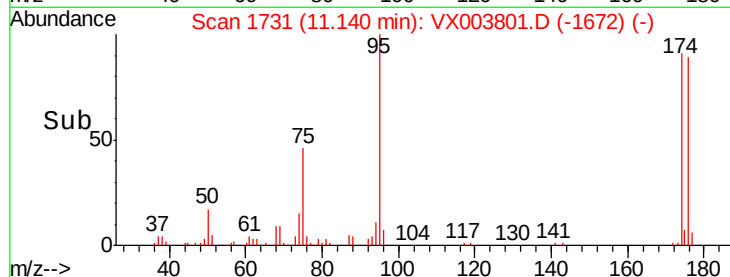
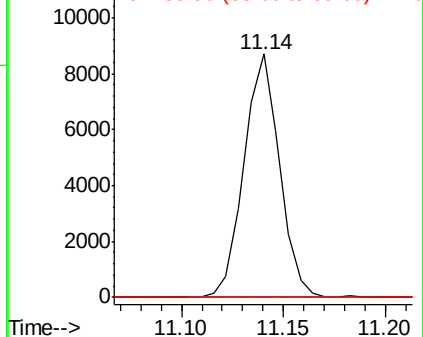
75 100

53 0.0 75.8 113.8#

89 0.0 39.1 58.7#



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: 9.69 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003801.D

Acq: 01 Aug 2018 18:23

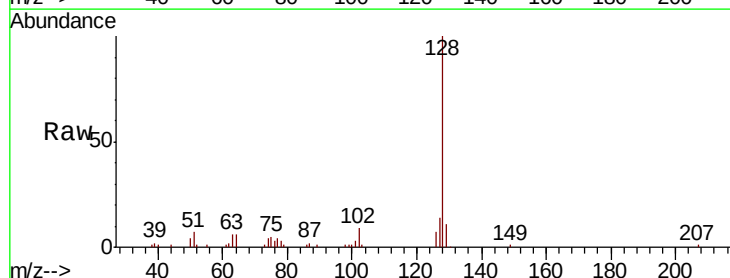
Tgt Ion: 128 Resp: 13583

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 10.4 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

