

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041619\
 Data File : VX008992.D
 Acq On : 16 Apr 2019 17:01
 Operator : JC/SP
 Sample : K2358-02
 Misc : 5.43g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-5-S2

Quant Time: Apr 16 17:50:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	219741	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	347023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145527	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	139977	45.20	ug/l	0.00
Spiked Amount						
			Recovery	=	90.40%	
35) Dibromofluoromethane	5.50	113	99545	44.70	ug/l	0.00
Spiked Amount						
			Recovery	=	89.40%	
50) Toluene-d8	8.71	98	433874	48.85	ug/l	0.00
Spiked Amount						
			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.14	95	155868	49.71	ug/l	0.00
Spiked Amount						
			Recovery	=	99.42%	

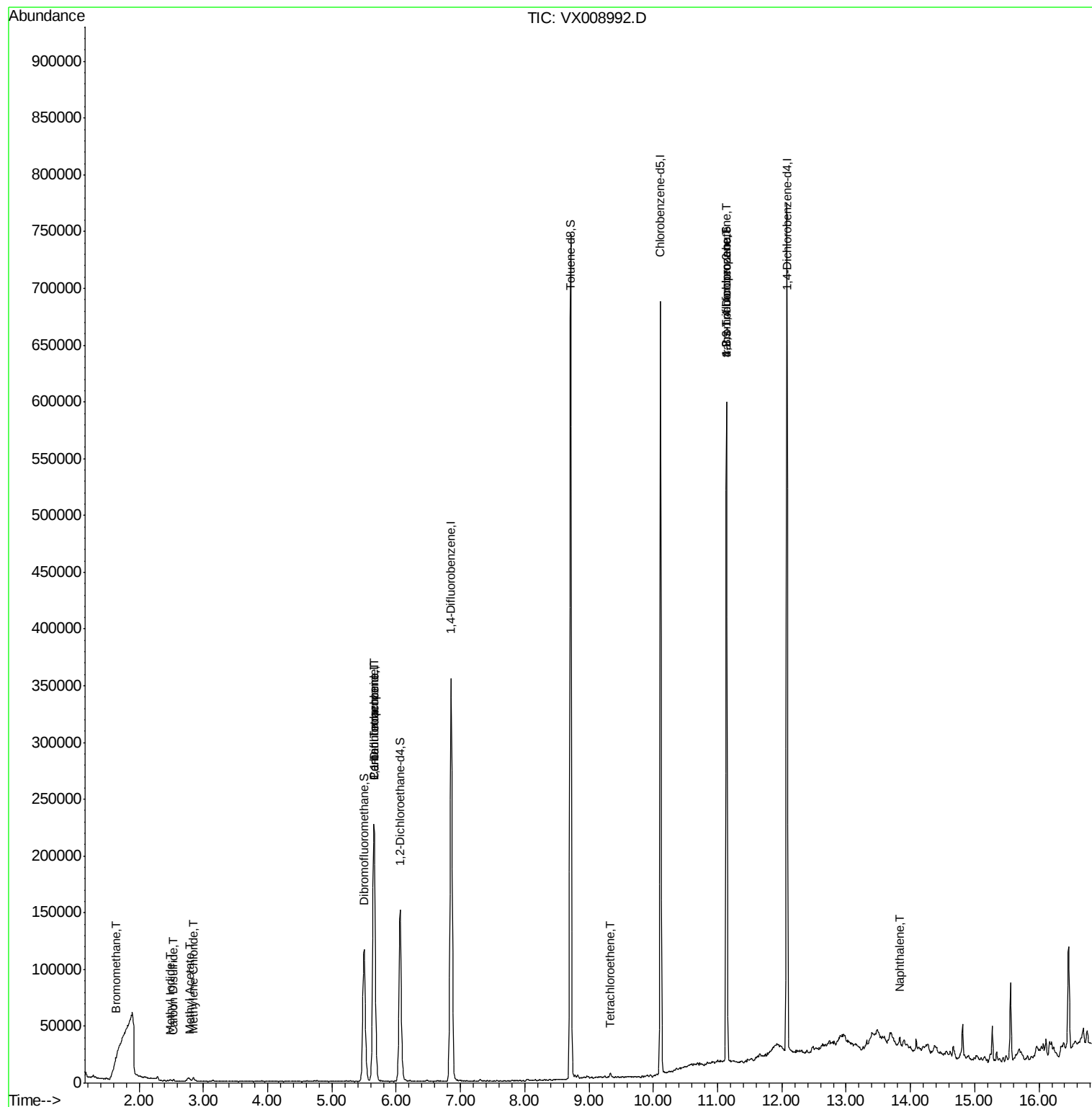
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1140	4.404	ug/l	88
10) Methyl Iodide	2.49	142	658	4.658	ug/l #	85
17) Carbon Disulfide	2.54	76	1019	1.396	ug/l #	62
18) Methyl Acetate	2.79	43	2947	0.735	ug/l #	85
20) Methylene Chloride	2.84	84	1363	0.496	ug/l	88
28) Bromochloromethane	4.99	49	222	Below Cal	#	21
36) 1,1-Dichloropropene	5.65	75	17852	4.974	ug/l #	51
38) Carbon Tetrachloride	5.66	117	20440	6.718	ug/l #	17
64) Tetrachloroethene	9.34	164	752	0.327	ug/l #	85
76) 1,2,3-Trichloropropane	11.14	75	77386	21.778	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	77386	55.909	ug/l #	11
95) Naphthalene	13.83	128	6074	0.546	ug/l #	92

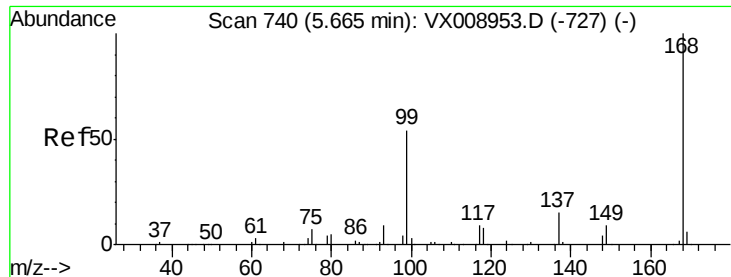
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX041619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008992.D

Acq: 16 Apr 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

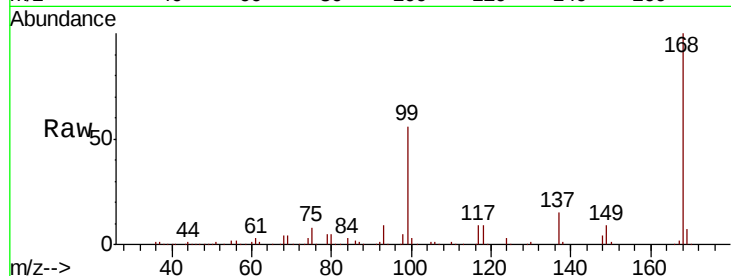
TP-5-S2

Tgt Ion:168 Resp: 219741

Ion Ratio Lower Upper

168 100

99 56.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

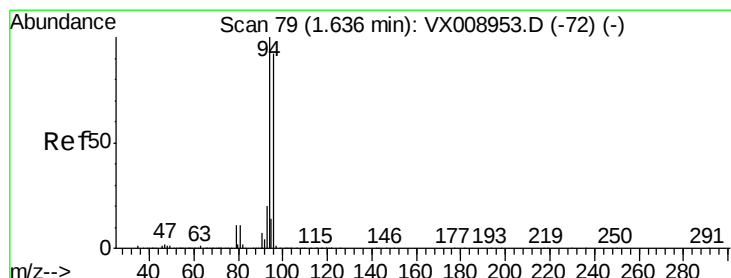
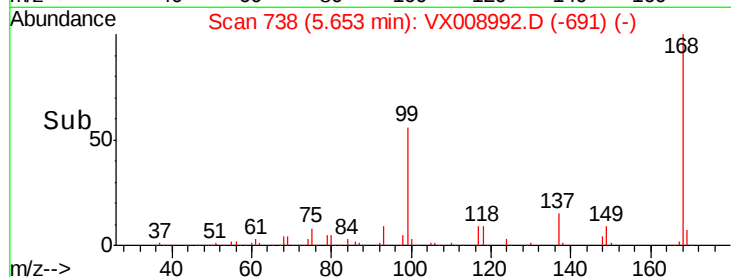
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 4.404 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008992.D

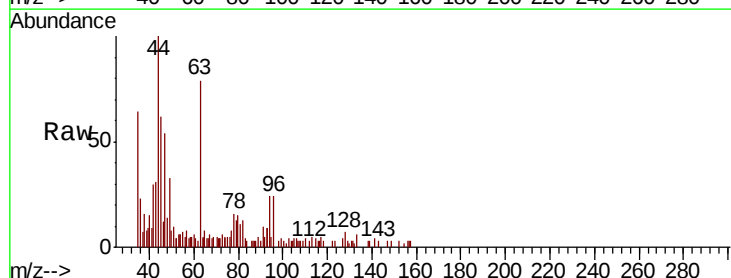
Acq: 16 Apr 2019 17:01

Tgt Ion: 94 Resp: 1140

Ion Ratio Lower Upper

94 100

96 103.4 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

600

500

400

300

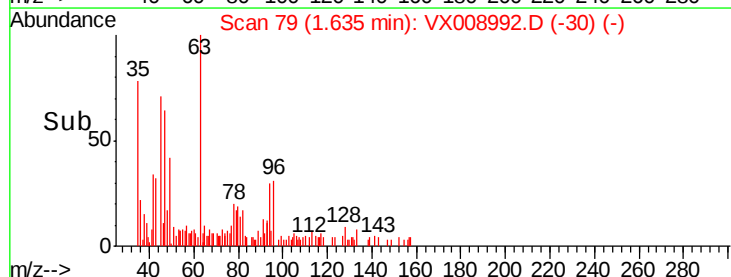
200

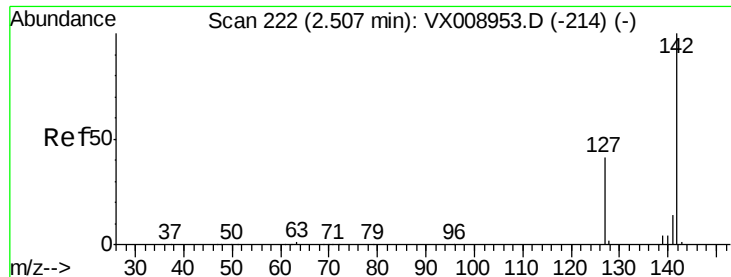
100

0

Time-->

1.55 1.60 1.65 1.70

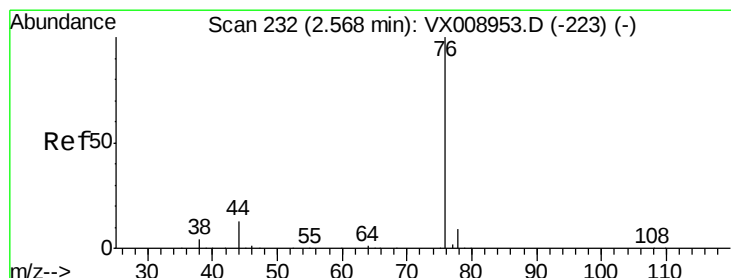
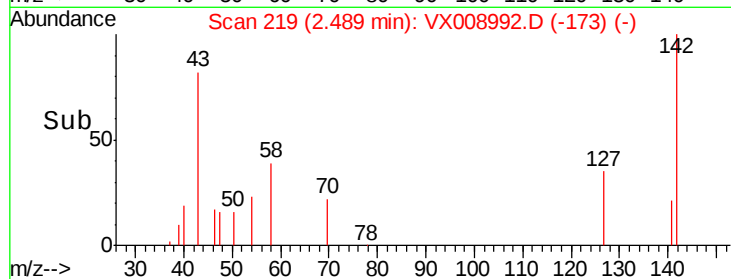
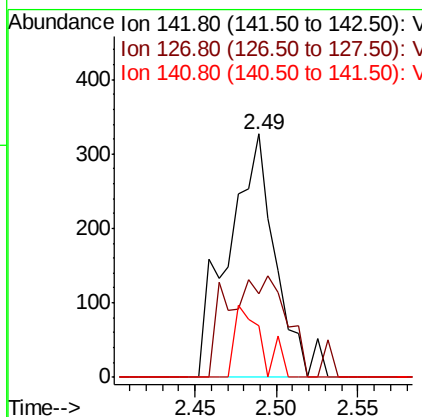
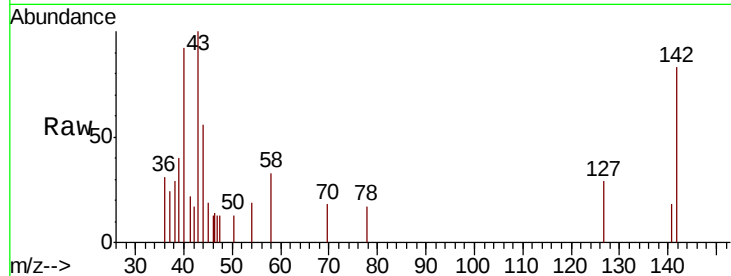




#10
Methyl Iodide
Concen: 4.658 ug/l
RT: 2.49 min Scan# 219
Delta R.T. -0.02 min
Lab File: VX008992.D
Acq: 16 Apr 2019 17:01

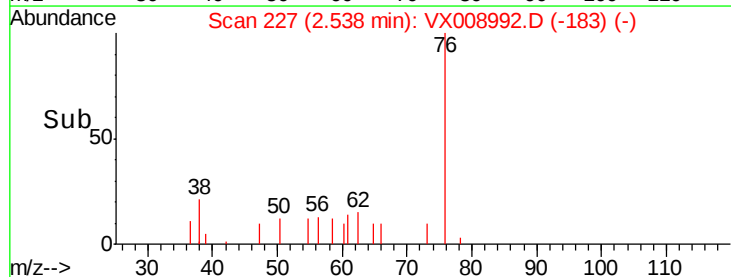
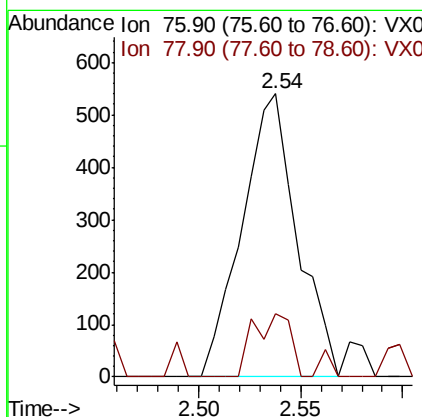
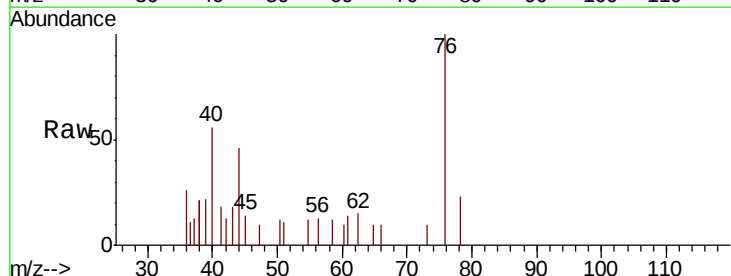
Instrument :
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ClientSampleId :
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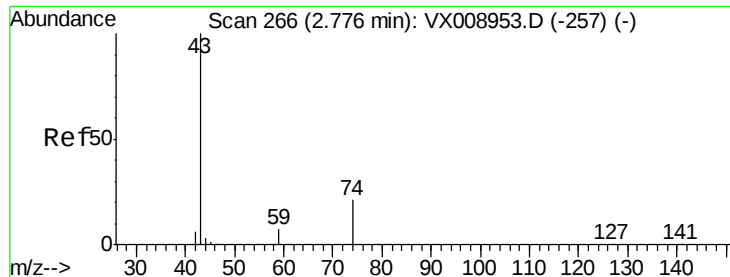
Tgt Ion: 142 Resp: 658
Ion Ratio Lower Upper
142 100
127 52.3 32.8 49.2#
141 16.6 11.4 17.2



#17
Carbon Disulfide
Concen: 1.396 ug/l
RT: 2.54 min Scan# 227
Delta R.T. -0.03 min
Lab File: VX008992.D
Acq: 16 Apr 2019 17:01

Tgt Ion: 76 Resp: 1019
Ion Ratio Lower Upper
76 100
78 22.6 7.2 10.8#

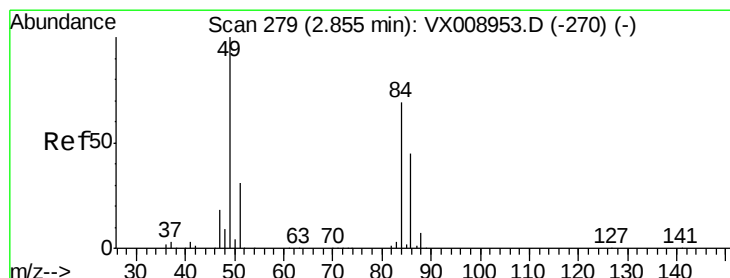
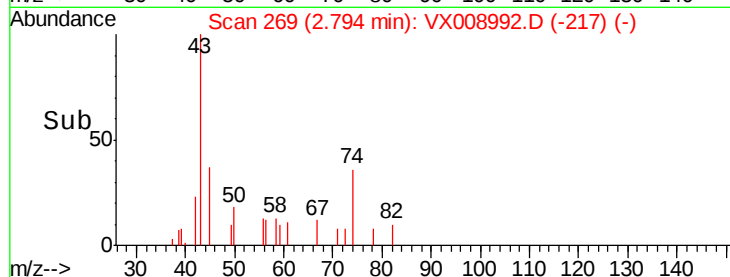
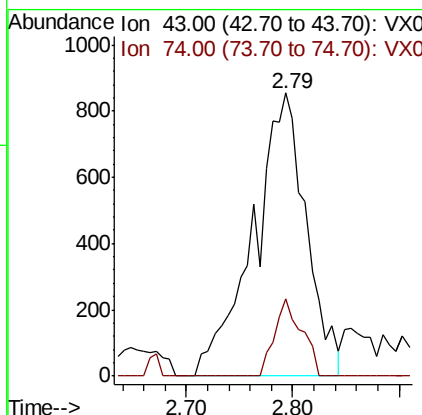
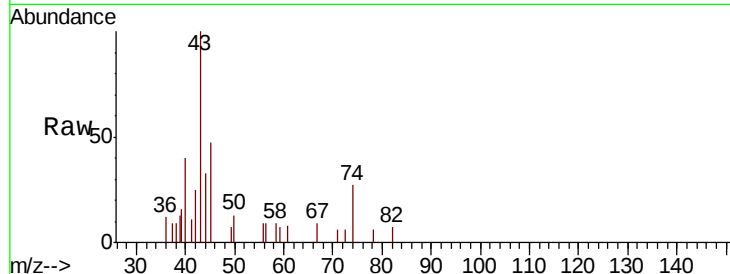




#18
Methyl Acetate
Concen: 0.735 ug/l
RT: 2.79 min Scan# 269
Delta R.T. 0.02 min
Lab File: VX008992.D
Acq: 16 Apr 2019 17:01

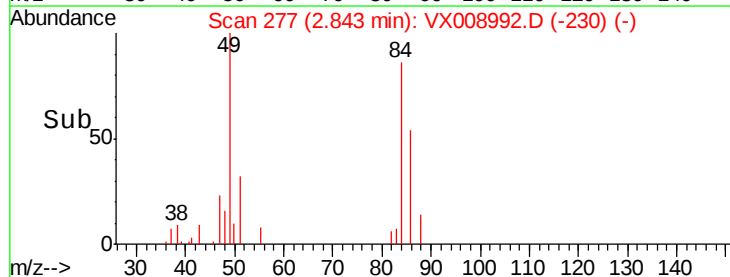
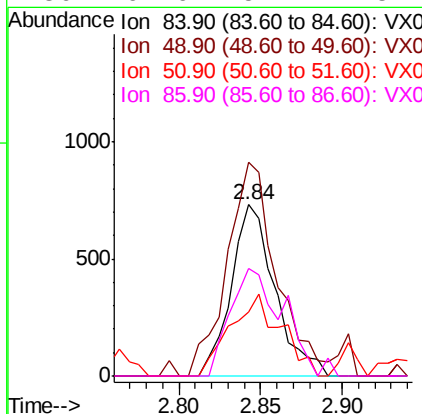
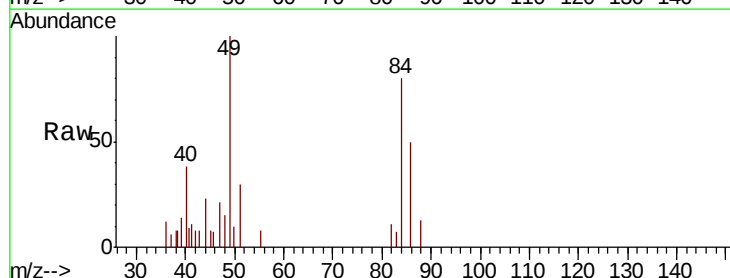
Instrument :
MSVOA_X
ClientSampleId :
TP-5-S2

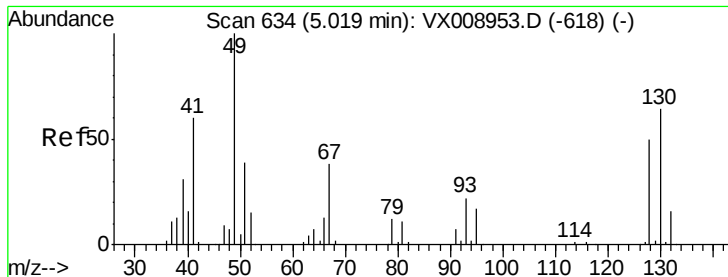
Tgt Ion: 43 Resp: 2947
Ion Ratio Lower Upper
43 100
74 13.8 16.6 25.0#



#20
Methylene Chloride
Concen: 0.496 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX008992.D
Acq: 16 Apr 2019 17:01

Tgt Ion: 84 Resp: 1363
Ion Ratio Lower Upper
84 100
49 124.8 115.4 173.0
51 37.1 35.8 53.6
86 62.6 52.1 78.1





#28

Bromochloromethane

Concen: Below Cal

RT: 4.99 min Scan# 629

Delta R.T. -0.03 min

Lab File: VX008992.D

Acq: 16 Apr 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
TP-5-S2

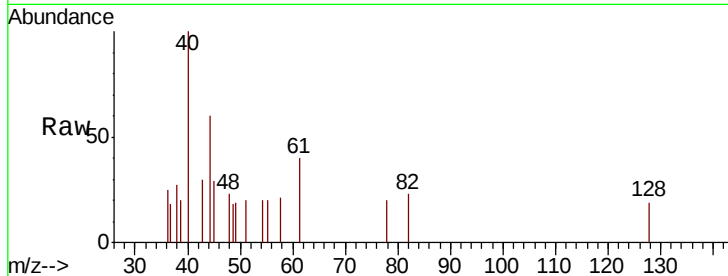
Tgt Ion: 49 Resp: 222

Ion Ratio Lower Upper

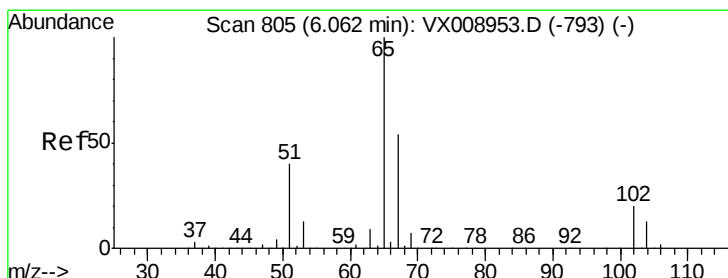
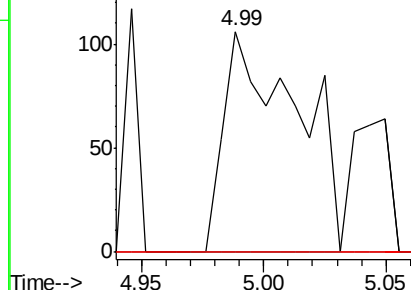
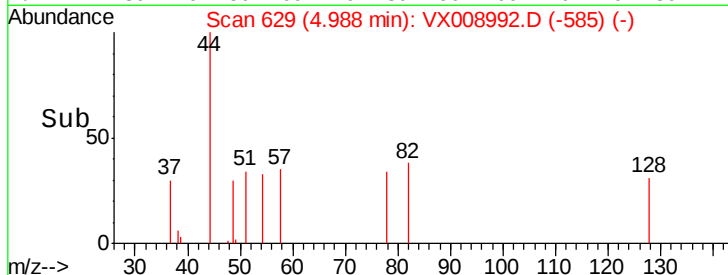
49 100

129 0.0 0.0 3.6

130 0.0 50.4 75.6#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V



#33

1,2-Dichloroethane-d4

Concen: 45.201 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008992.D

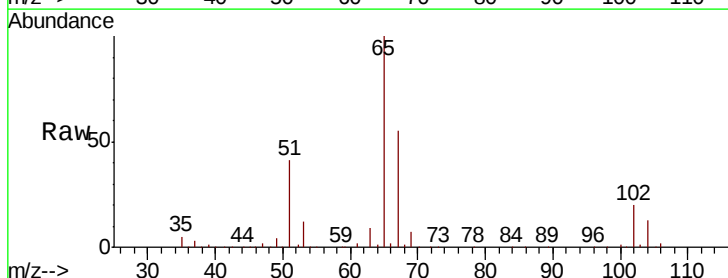
Acq: 16 Apr 2019 17:01

Tgt Ion: 65 Resp: 139977

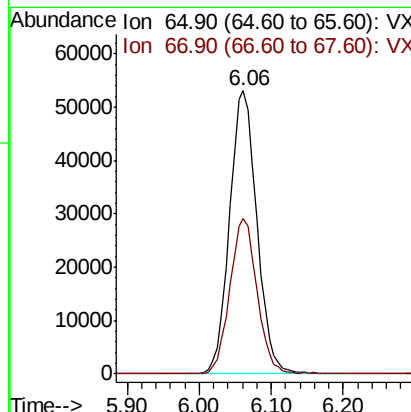
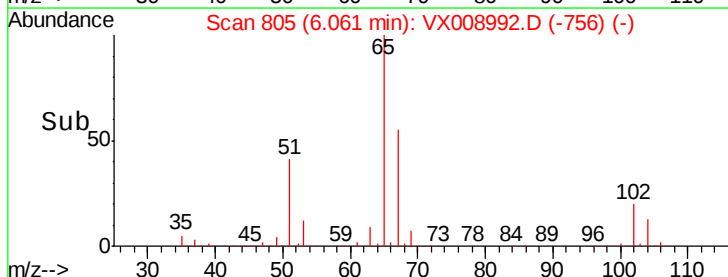
Ion Ratio Lower Upper

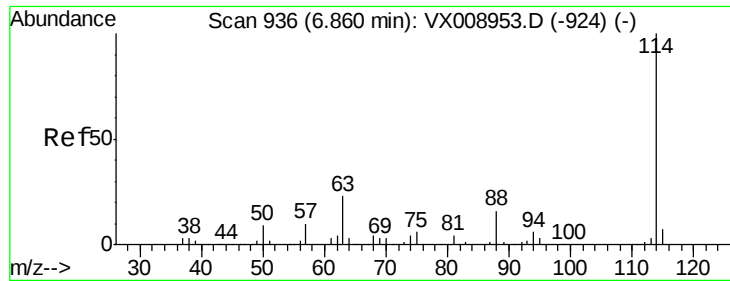
65 100

67 54.6 0.0 108.6



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

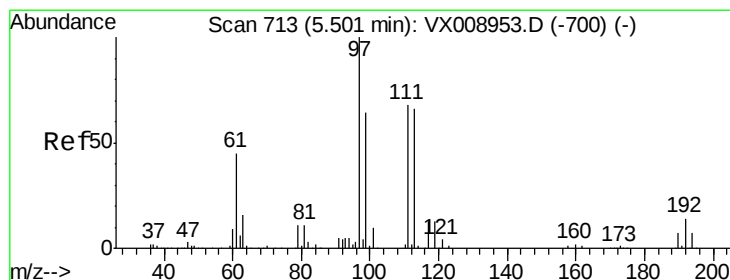
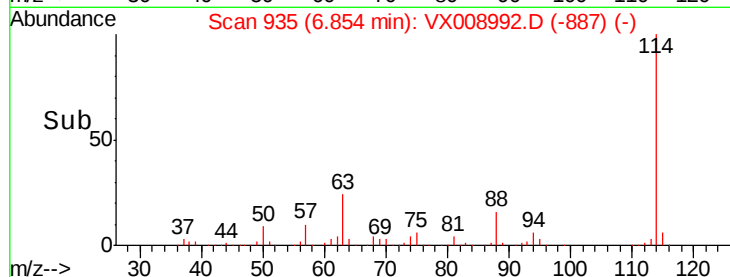
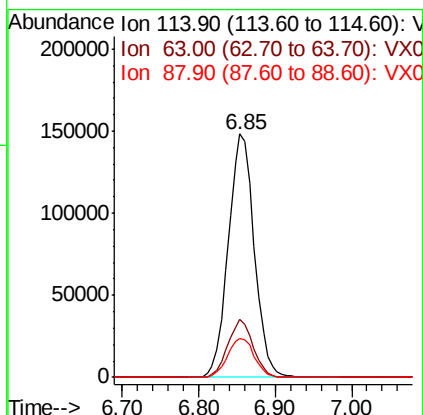
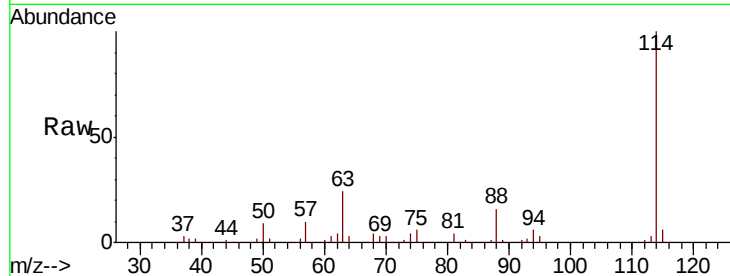




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008992.D
 Acq: 16 Apr 2019 17:01

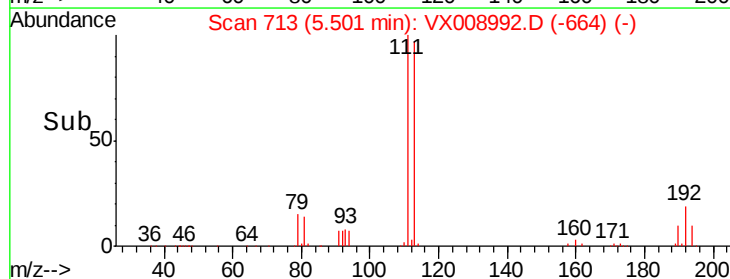
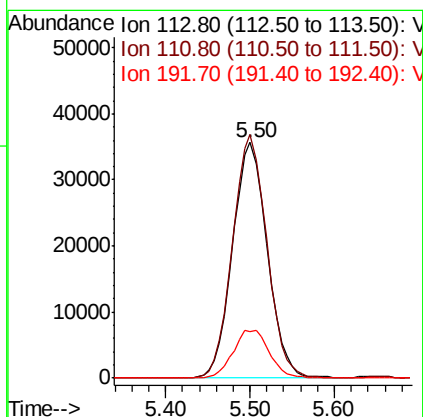
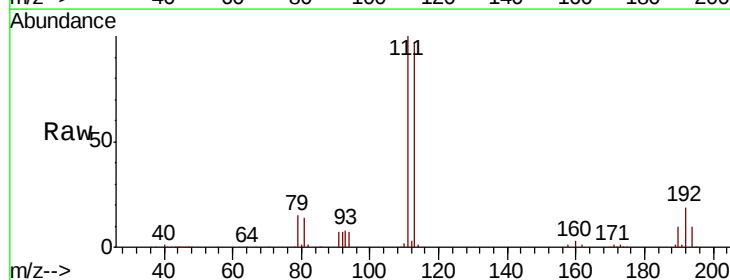
Instrument :
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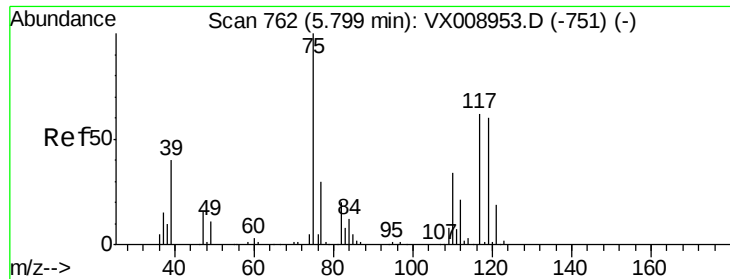
Tgt Ion:114 Resp: 347023
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 46.0
 88 15.8 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 44.697 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008992.D
 Acq: 16 Apr 2019 17:01

Tgt Ion:113 Resp: 99545
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.9 124.3
 192 21.3 17.4 26.0

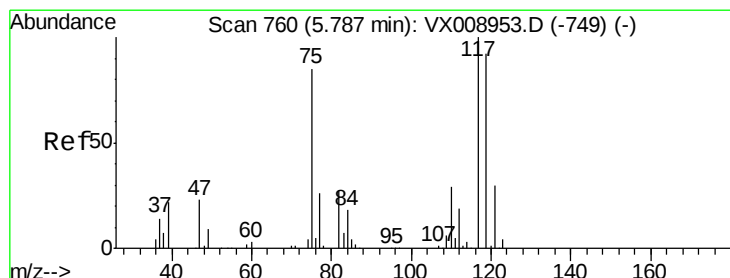
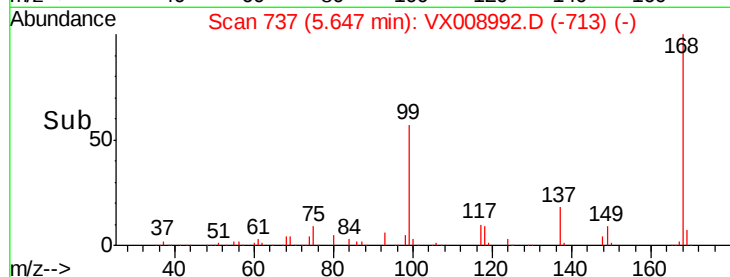
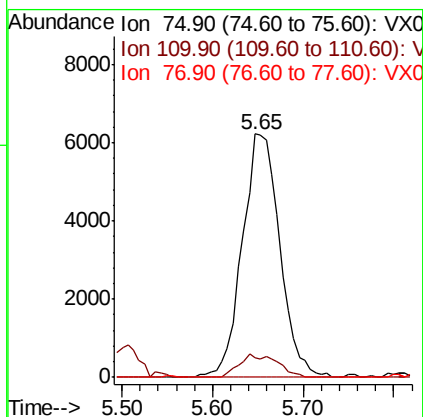
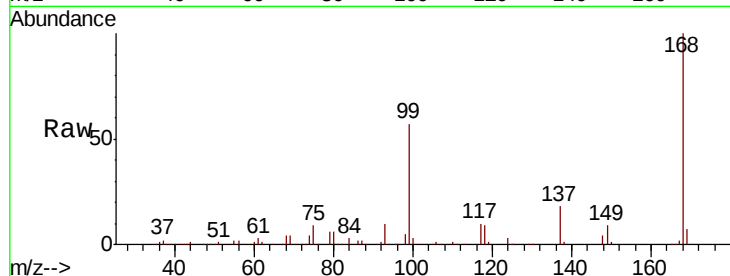




#36
 1,1-Dichloropropene
 Concen: 4.974 ug/l
 RT: 5.65 min Scan# 737
 Delta R.T. -0.15 min
 Lab File: VX008992.D
 Acq: 16 Apr 2019 17:01

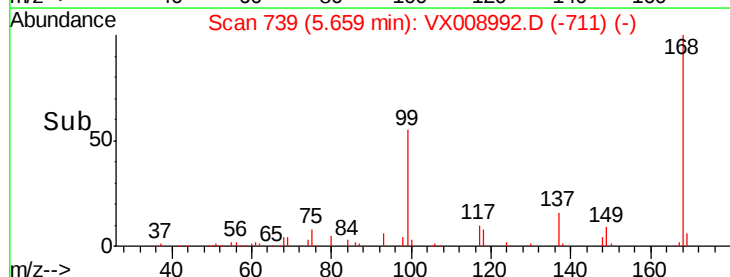
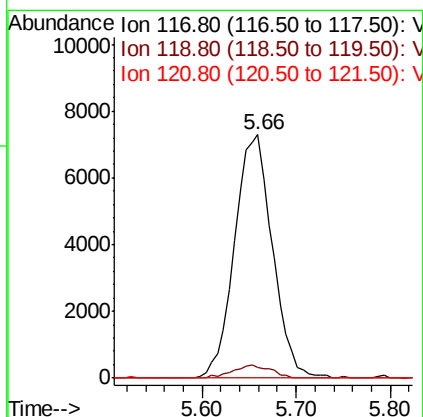
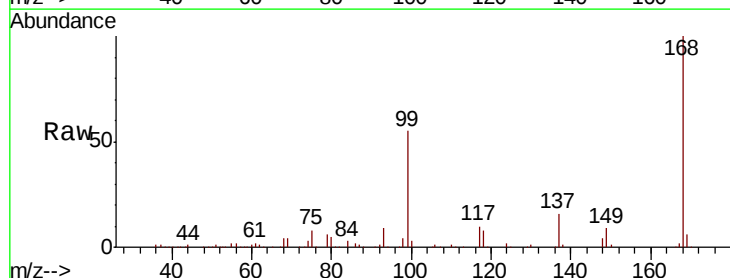
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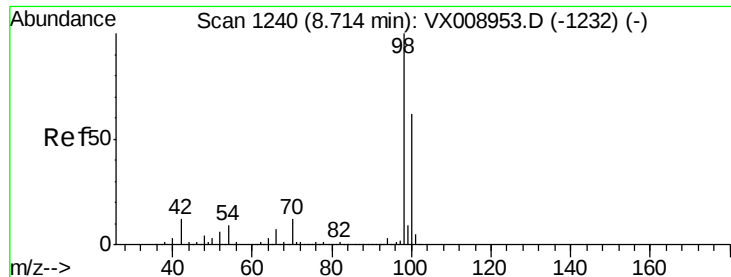
Tgt Ion: 75 Resp: 17852
 Ion Ratio Lower Upper
 75 100
 110 9.6 16.9 50.7#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.718 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX008992.D
 Acq: 16 Apr 2019 17:01

Tgt Ion: 117 Resp: 20440
 Ion Ratio Lower Upper
 117 100
 119 4.4 73.8 110.8#
 121 0.0 23.6 35.4#

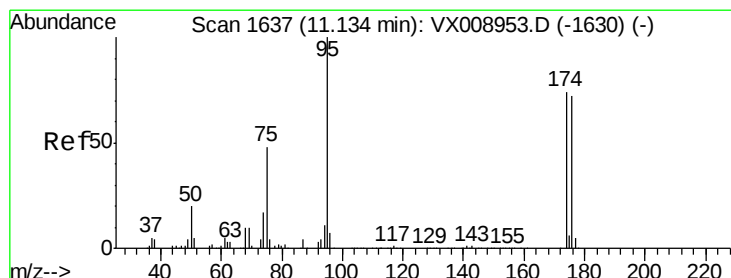
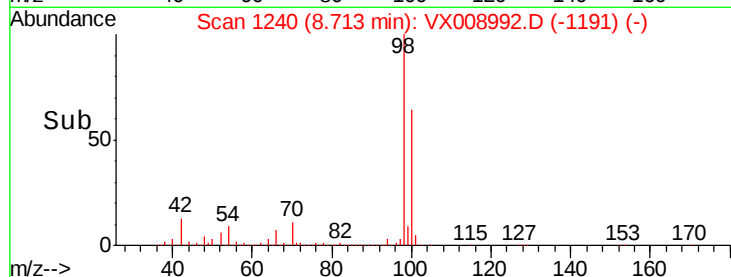
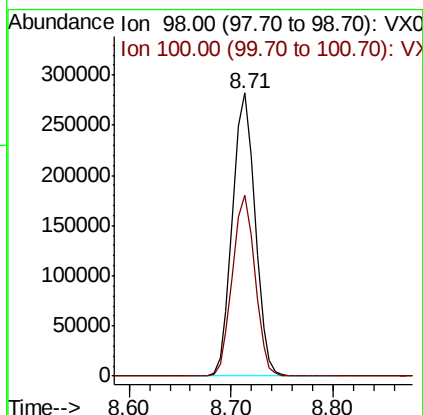
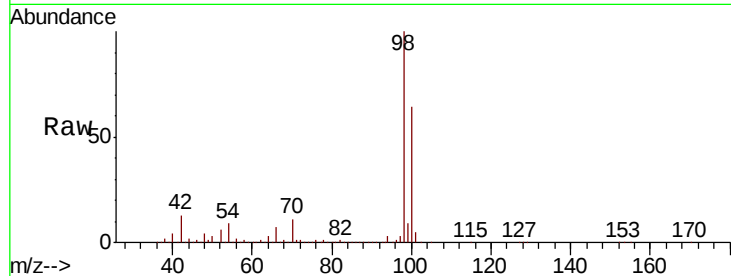




#50
Toluene-d8
Concen: 48.850 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008992.D
Acq: 16 Apr 2019 17:01

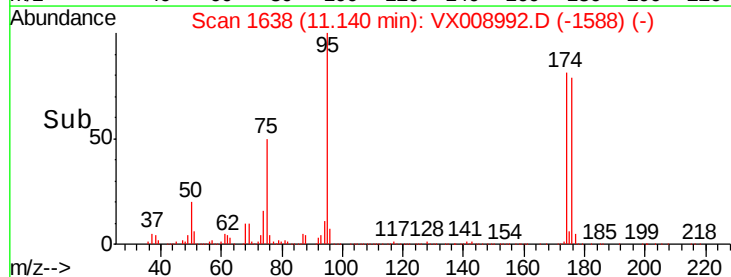
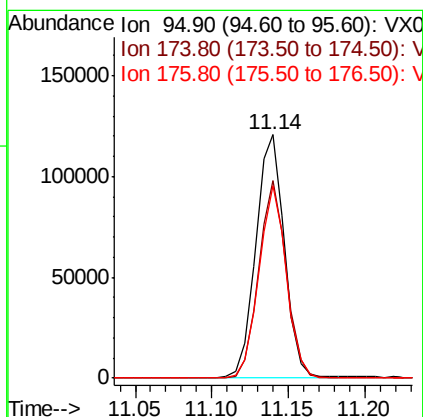
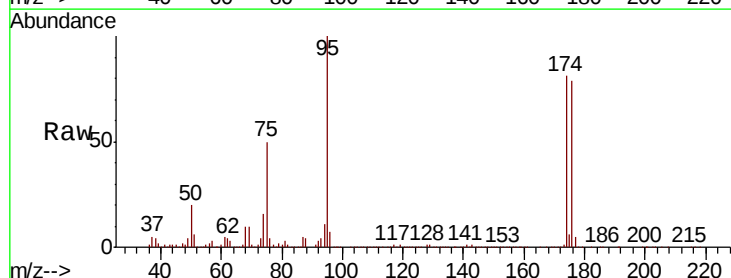
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TP-5-S2

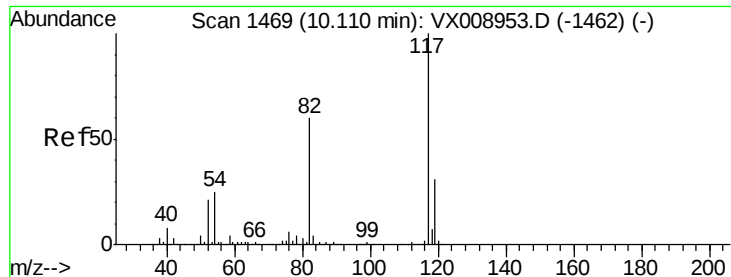
Tgt Ion: 98 Resp: 433874
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 49.714 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX008992.D
Acq: 16 Apr 2019 17:01

Tgt Ion: 95 Resp: 155868
Ion Ratio Lower Upper
95 100
174 78.8 0.0 159.6
176 76.9 0.0 154.8

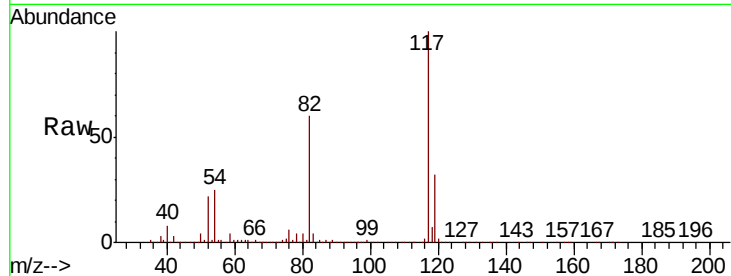




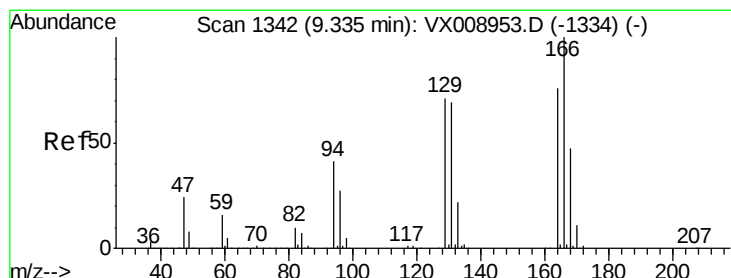
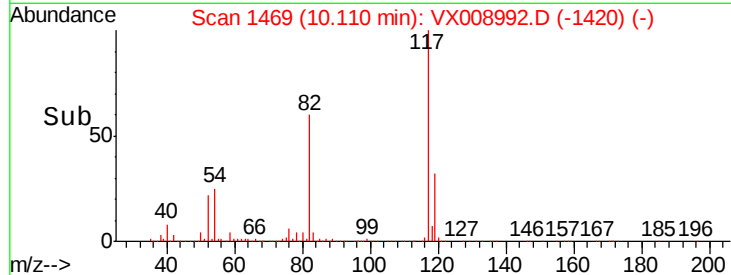
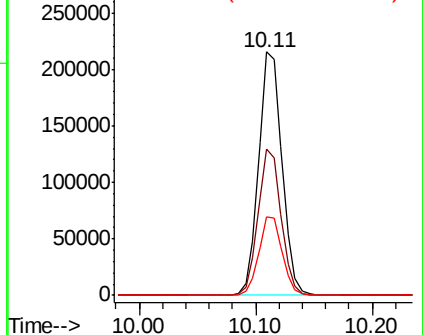
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008992.D
Acq: 16 Apr 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
TP-5-S2

Tgt Ion:117 Resp: 302879
Ion Ratio Lower Upper
117 100
82 60.3 48.2 72.4
119 32.1 25.0 37.6

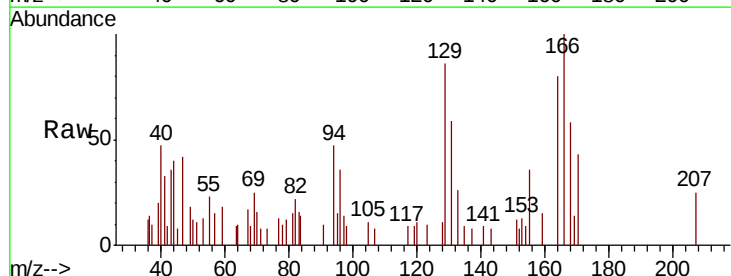


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

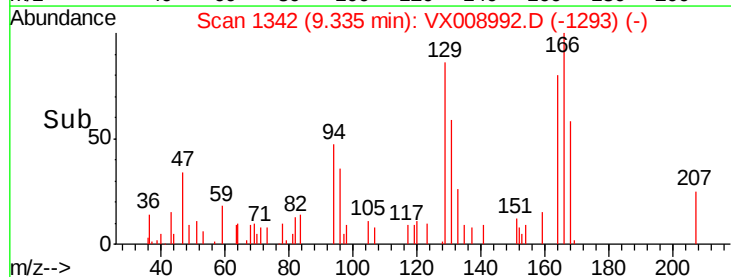
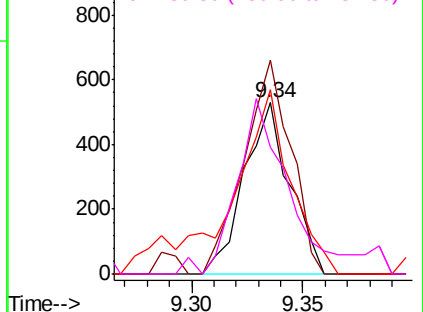


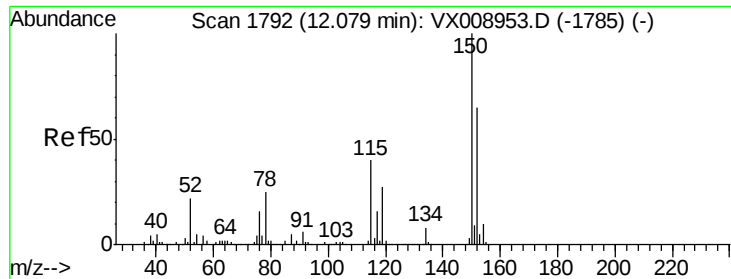
#64
Tetrachloroethene
Concen: 0.327 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008992.D
Acq: 16 Apr 2019 17:01

Tgt Ion:164 Resp: 752
Ion Ratio Lower Upper
164 100
166 124.8 105.0 157.4
129 107.4 74.2 111.4
131 64.1 72.2 108.2#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



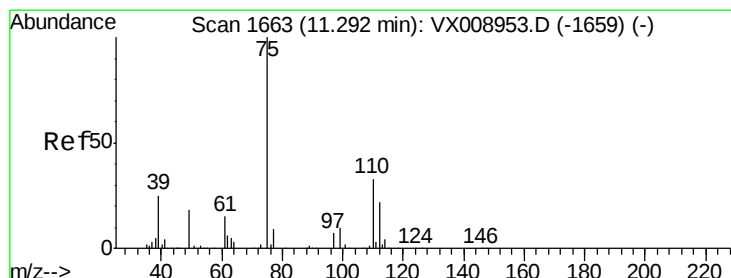
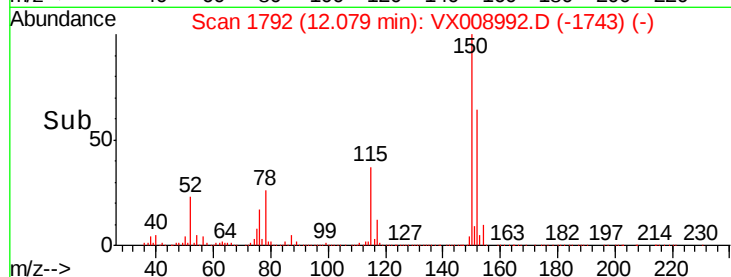
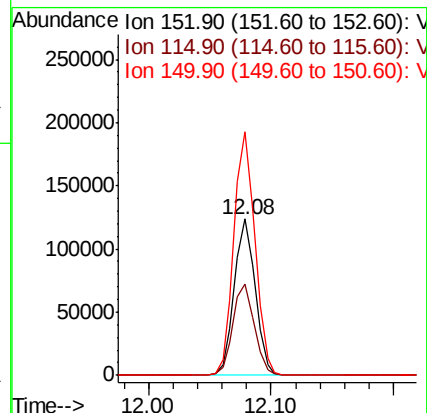
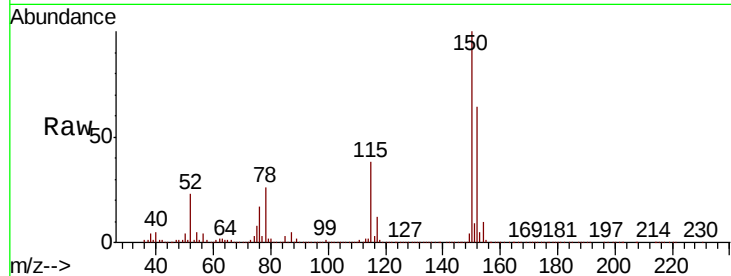


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008992.D
Acq: 16 Apr 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
TP-5-S2

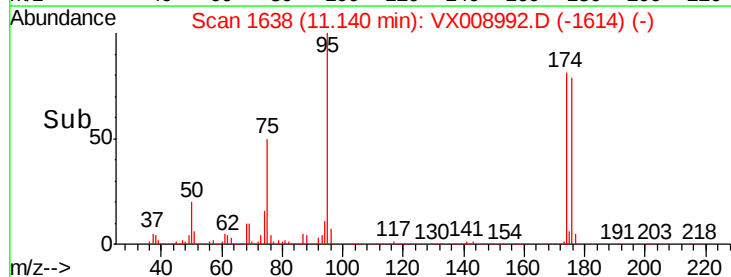
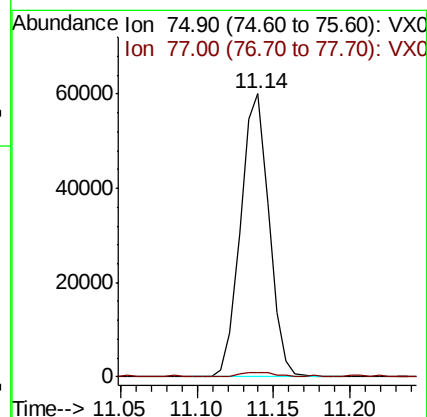
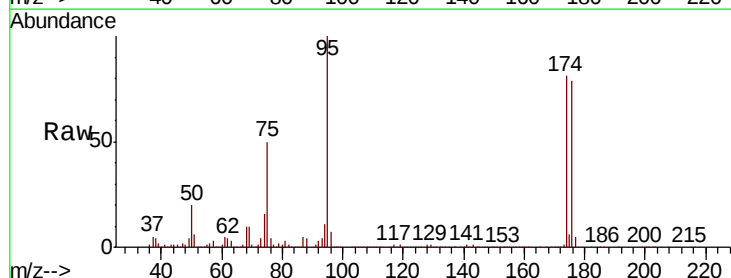
Tgt Ion:152 Resp: 145527
Ion Ratio Lower Upper
152 100
115 59.5 41.4 124.2
150 157.1 0.0 349.8

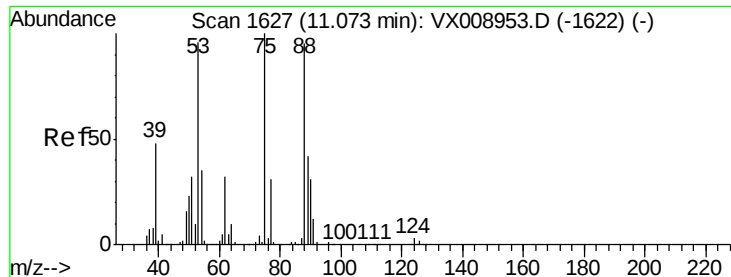


#76

1,2,3-Trichloropropane
Concen: 21.778 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.15 min
Lab File: VX008992.D
Acq: 16 Apr 2019 17:01

Tgt Ion: 75 Resp: 77386
Ion Ratio Lower Upper
75 100
77 1.3 22.7 68.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 55.909 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX008992.D

Acq: 16 Apr 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

TP-5-S2

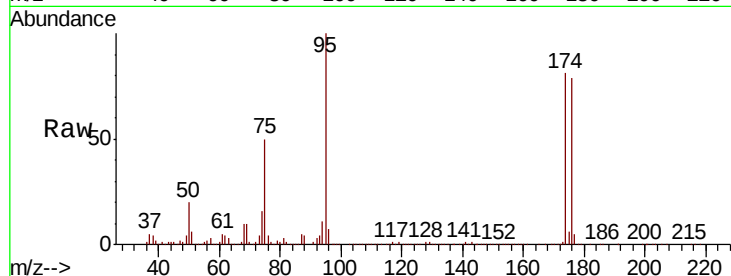
Tgt Ion: 75 Resp: 77386

Ion Ratio Lower Upper

75 100

53 0.0 78.2 117.4#

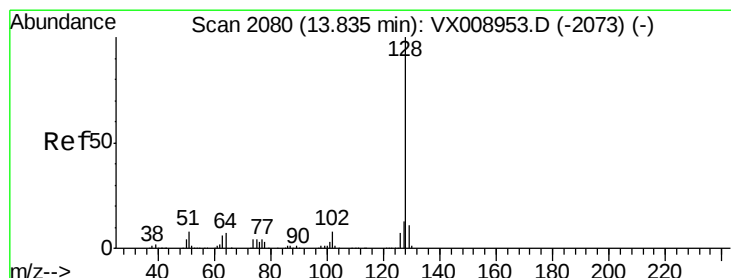
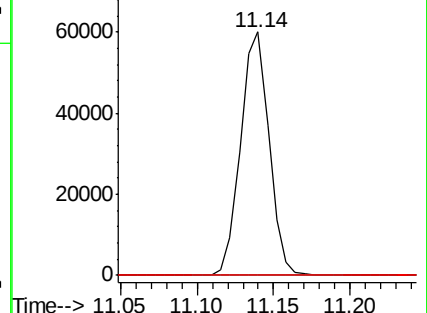
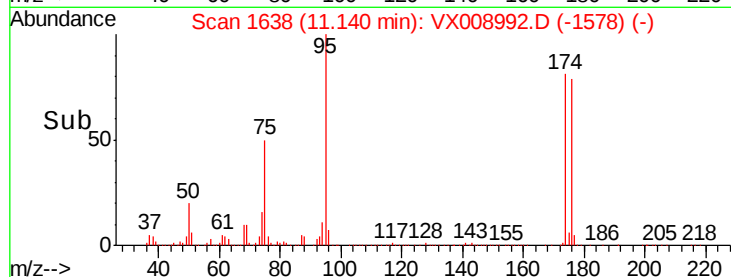
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VX008992.D (-1578) (-)

Ion 53.00 (52.70 to 53.70): VX008992.D (-1578) (-)

Ion 88.90 (88.60 to 89.60): VX008992.D (-1578) (-)



#95

Naphthalene

Concen: 0.546 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008992.D

Acq: 16 Apr 2019 17:01

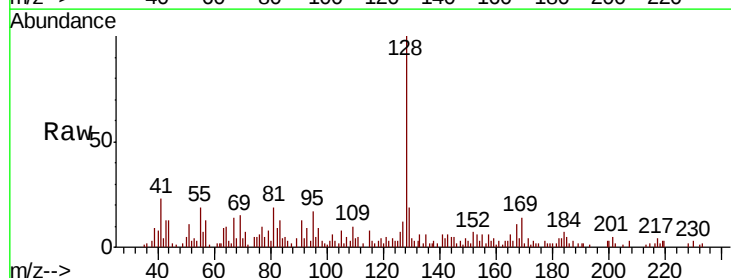
Tgt Ion: 128 Resp: 6074

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 16.6 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VX008992.D (-2031) (-)

Ion 127.00 (126.70 to 127.70): VX008992.D (-2031) (-)

Ion 129.00 (128.70 to 129.70): VX008992.D (-2031) (-)

