

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022420\
 Data File : VY001768.D
 Acq On : 24 Feb 2020 13:17
 Operator : SY/MD
 Sample : L1656-02
 Misc : 7.17G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-04-006-ABCD

Quant Time: Feb 24 13:37:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	164090	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	307653	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	276478	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	119301	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	101931	57.75	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	115.50%	
35) Dibromofluoromethane	7.73	113	89358	50.71	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	101.42%	
50) Toluene-d8	10.19	98	369116	53.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.49	95	127228	47.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.88%	

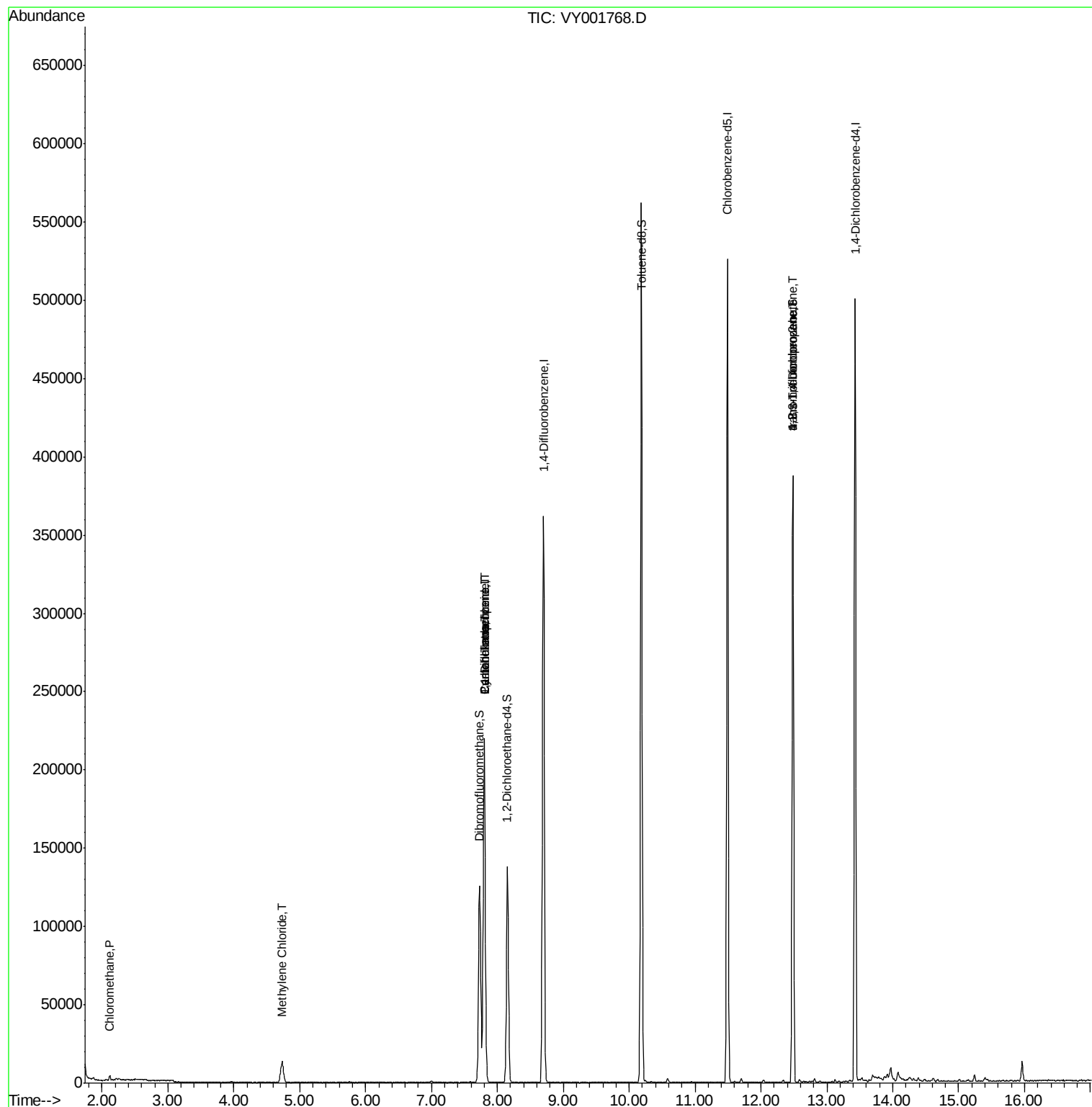
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	2303	1.07	ug/l	95
11) Tert butyl alcohol	4.97	59	105	Below Cal	#	74
20) Methylene Chloride	4.73	84	9800	4.52	ug/l	96
31) Cyclohexane	7.80	56	3935	1.06	ug/l	# 1
36) 1,1-Dichloropropene	7.80	75	13615	4.63	ug/l	# 49
38) Carbon Tetrachloride	7.80	117	15936	6.17	ug/l	# 17
76) 1,2,3-Trichloropropane	12.49	75	64919	47.44	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	64919	90.00	ug/l	# 17

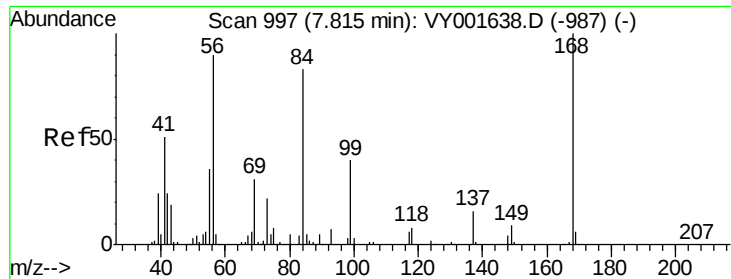
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY022420\
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Quant Time: Feb 24 13:37:25 2020
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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001768.D

Acq: 24 Feb 2020 13:17

Instrument :

MSVOA_Y

ClientSampleId :

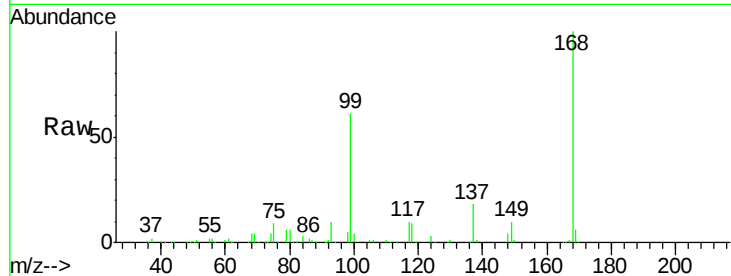
FK-BPM-04-006-ABCD

Tgt Ion:168 Resp: 164090

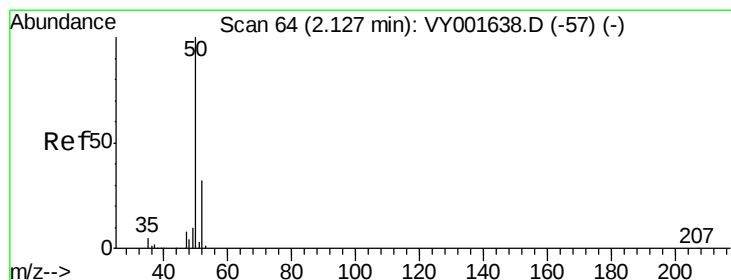
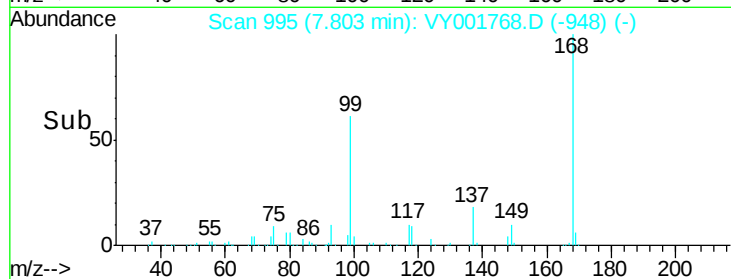
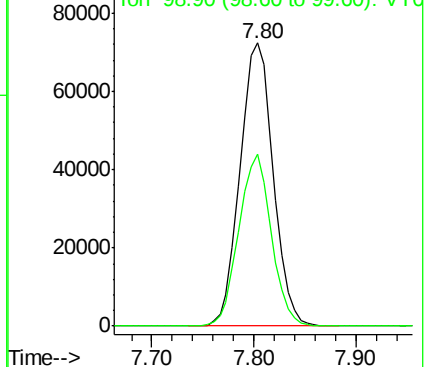
Ion Ratio Lower Upper

168 100

99 60.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001768.D (-948) (-)



#3

Chloromethane

Concen: 1.07 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001768.D

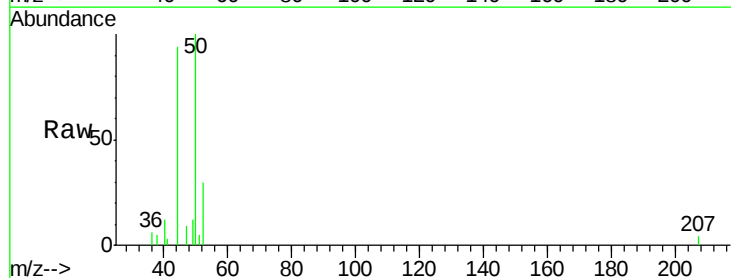
Acq: 24 Feb 2020 13:17

Tgt Ion: 50 Resp: 2303

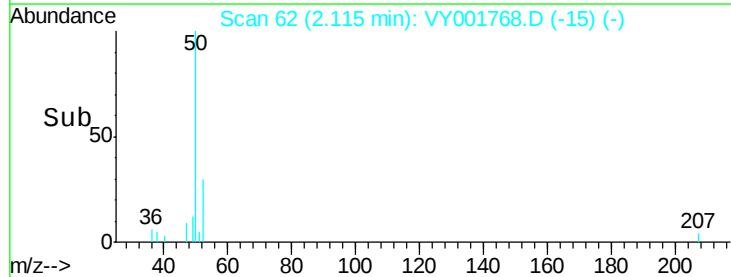
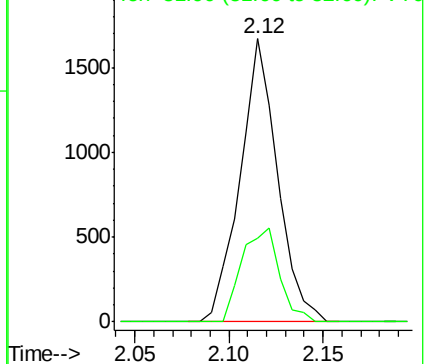
Ion Ratio Lower Upper

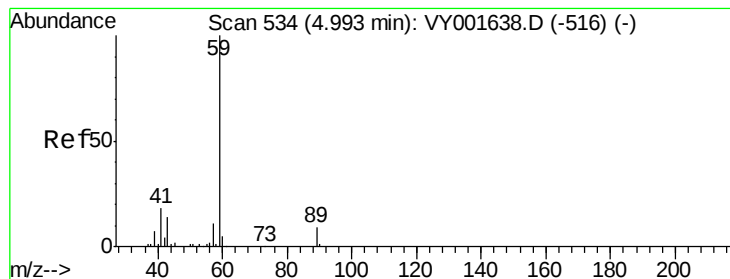
50 100

52 29.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001768.D (-15) (-)



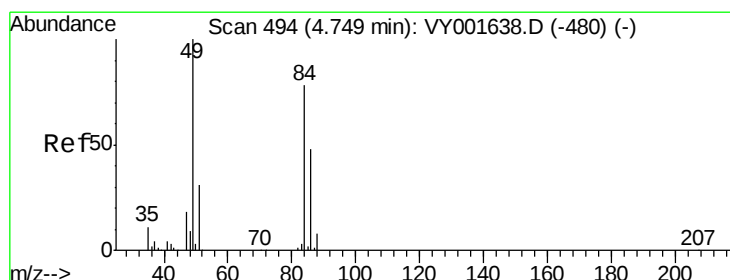
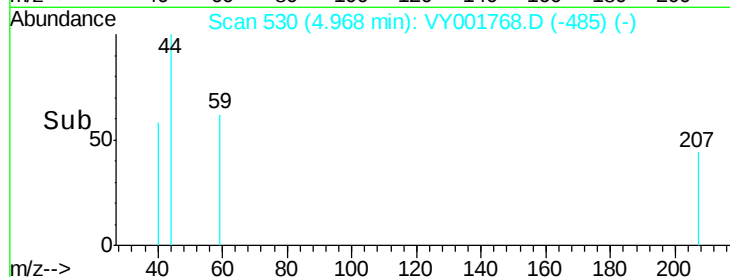
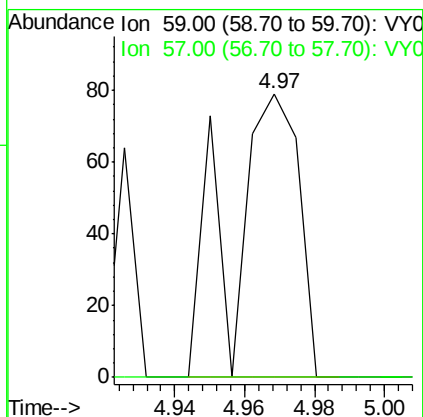
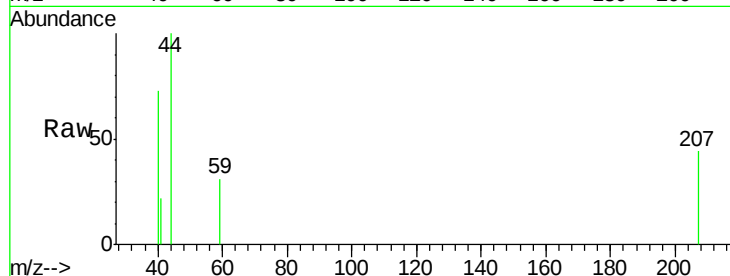


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.97 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VY001768.D
 Acq: 24 Feb 2020 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-04-006-ABCD

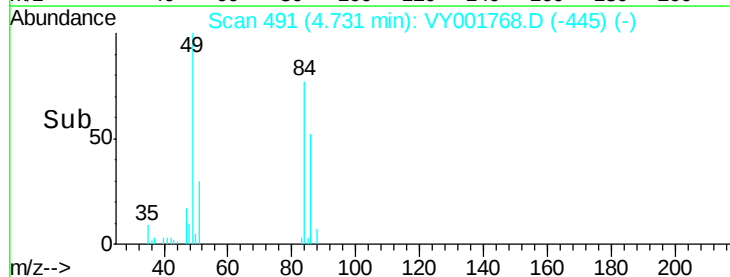
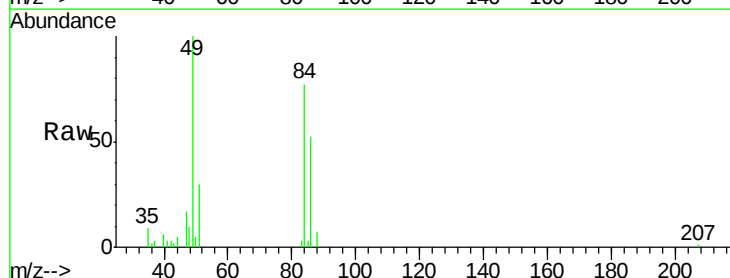
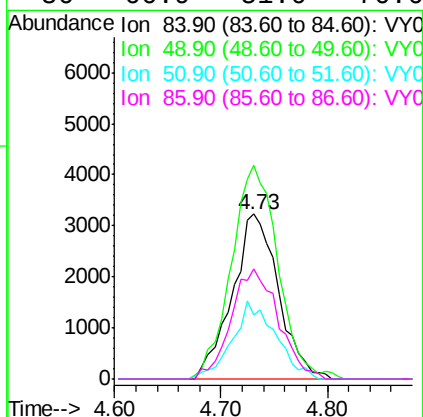
Tgt Ion: 59 Resp: 105
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

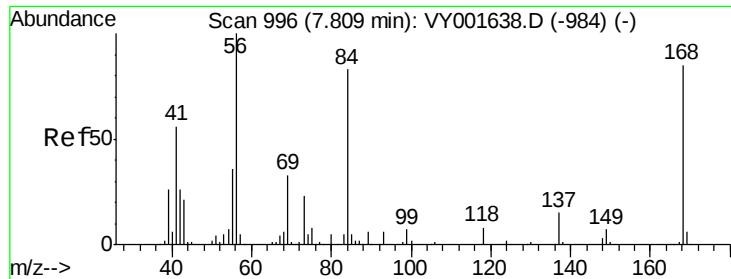


#20

Methylene Chloride
 Concen: 4.52 ug/l
 RT: 4.73 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: VY001768.D
 Acq: 24 Feb 2020 13:17

Tgt Ion: 84 Resp: 9800
 Ion Ratio Lower Upper
 84 100
 49 129.7 99.2 148.8
 51 38.8 31.5 47.3
 86 66.9 51.0 76.6

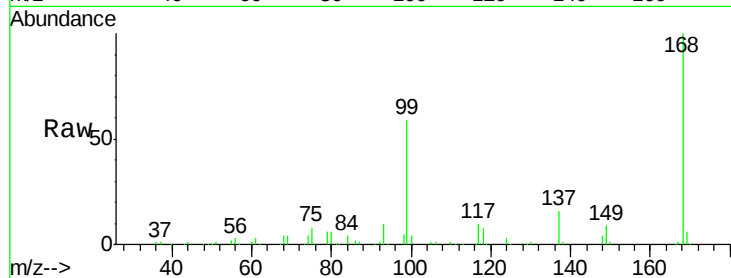




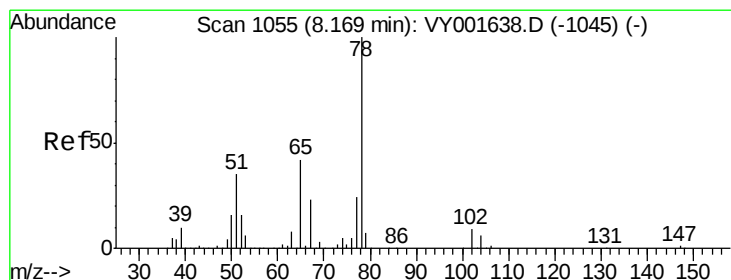
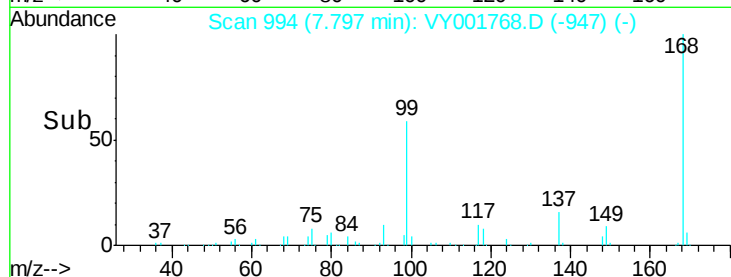
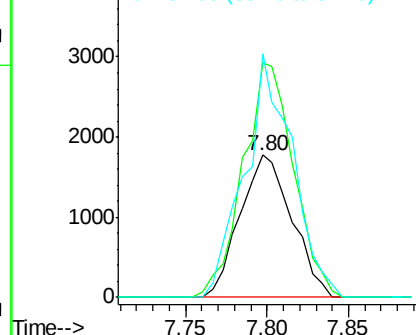
#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY001768.D
Acq: 24 Feb 2020 13:17

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-04-006-ABCD

Tgt Ion: 56 Resp: 3935
Ion Ratio Lower Upper
56 100
69 164.9 25.1 37.7#
84 171.2 66.9 100.3#

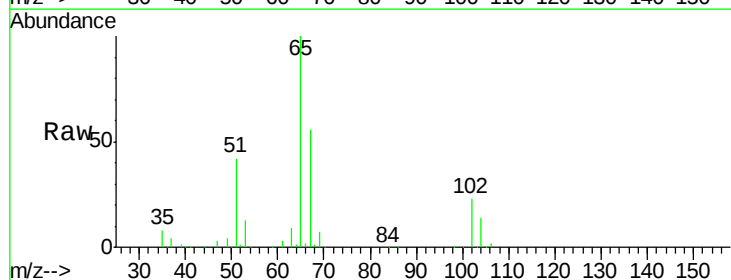


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

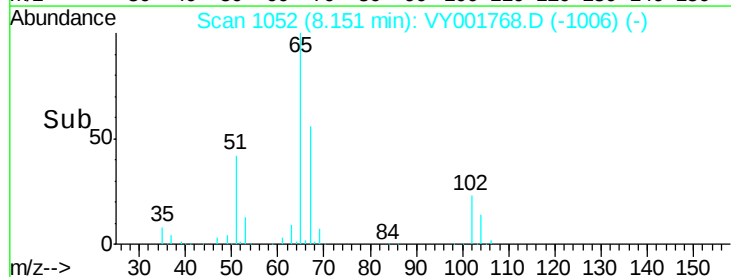
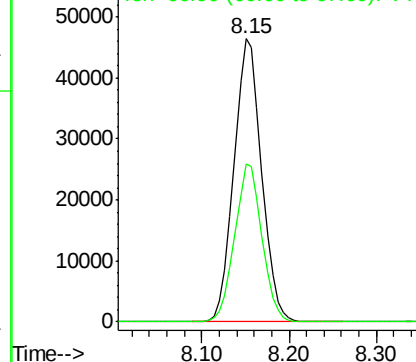


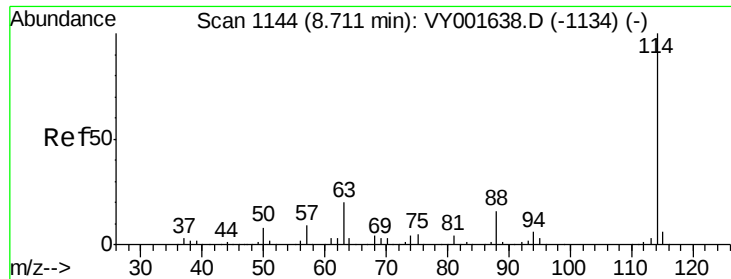
#33
1,2-Dichloroethane-d4
Concen: 57.75 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.02 min
Lab File: VY001768.D
Acq: 24 Feb 2020 13:17

Tgt Ion: 65 Resp: 101931
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

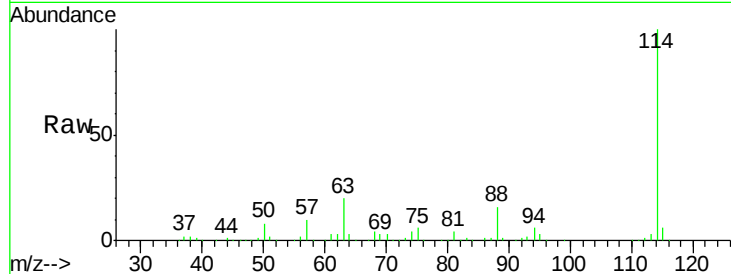




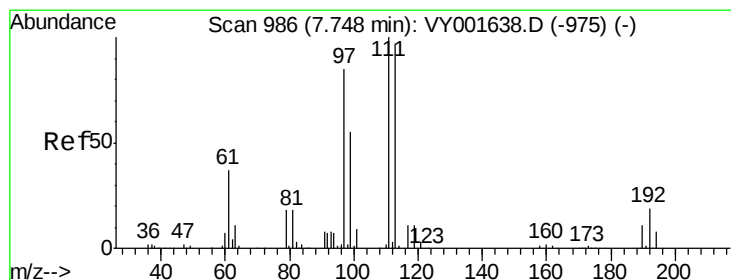
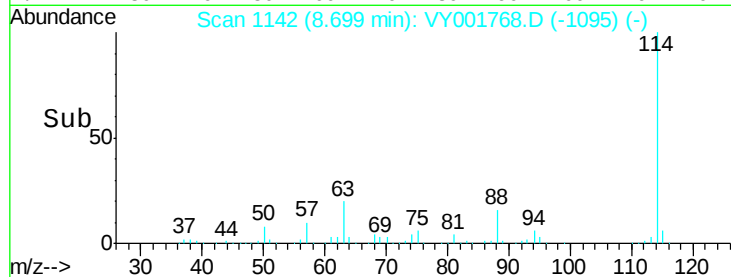
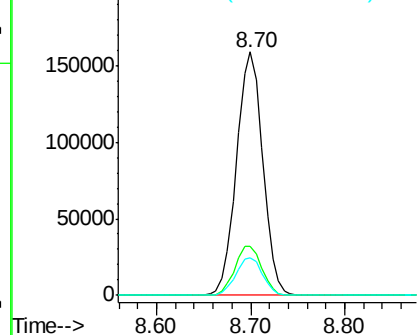
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY001768.D
Acq: 24 Feb 2020 13:17

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-04-006-ABCD

Tgt Ion:114 Resp: 307653
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.4
88 15.5 0.0 32.8

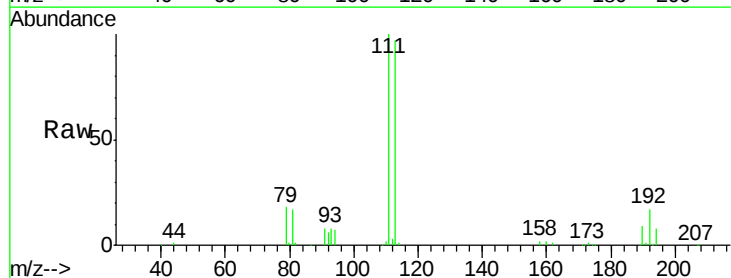


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

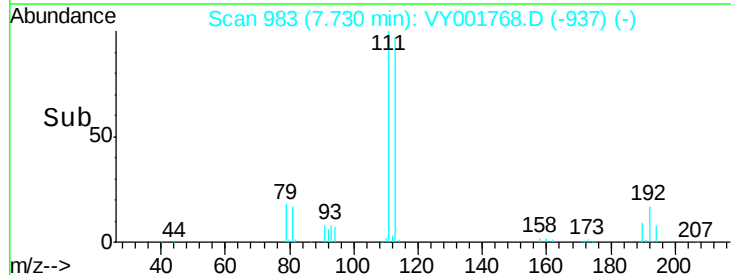
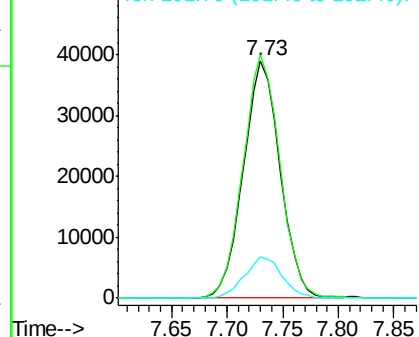


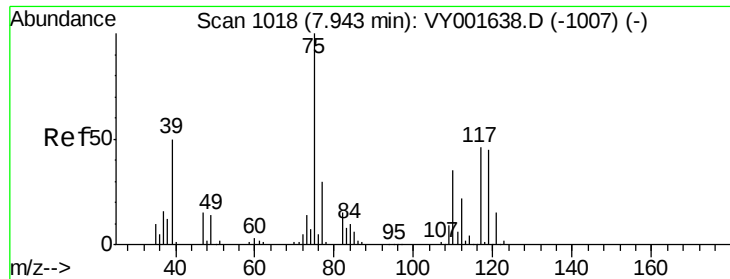
#35
Dibromofluoromethane
Concen: 50.71 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.02 min
Lab File: VY001768.D
Acq: 24 Feb 2020 13:17

Tgt Ion:113 Resp: 89358
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 17.7 14.3 21.5



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

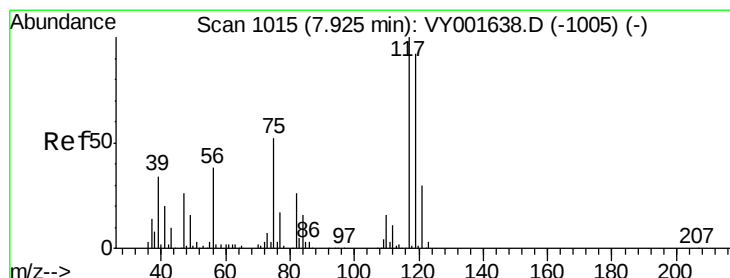
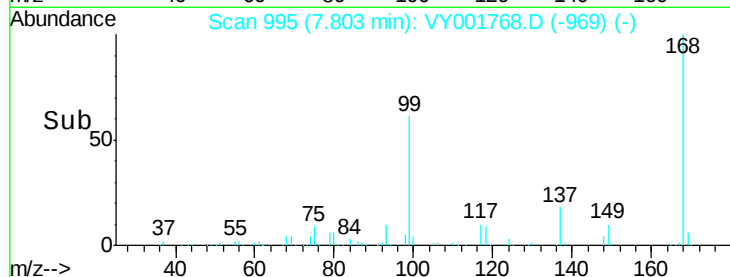
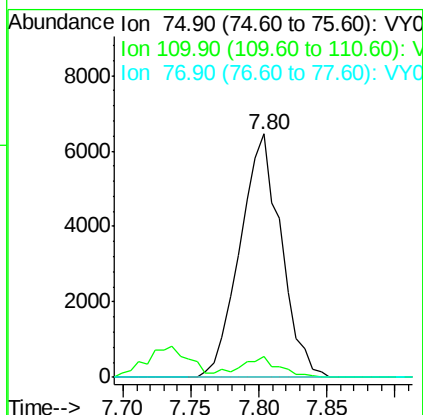
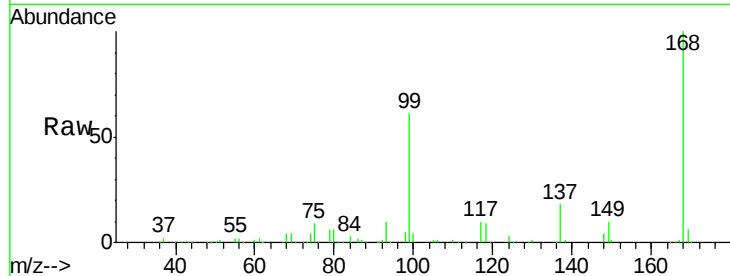




#36
 1,1-Dichloropropene
 Concen: 4.63 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001768.D
 Acq: 24 Feb 2020 13:17

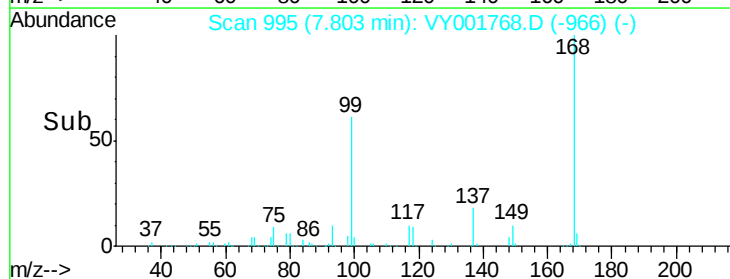
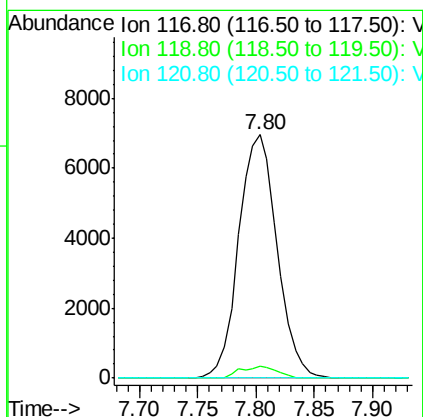
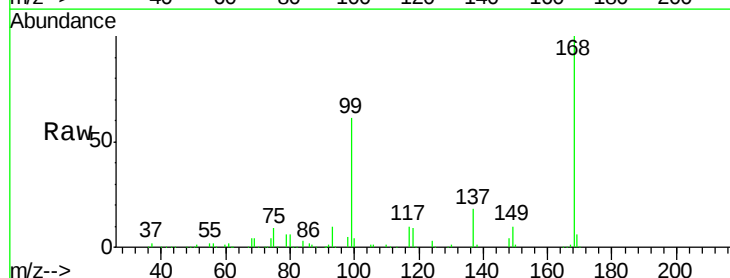
Instrument :
 MSVOA_Y
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 FK-BPM-04-006-ABCD

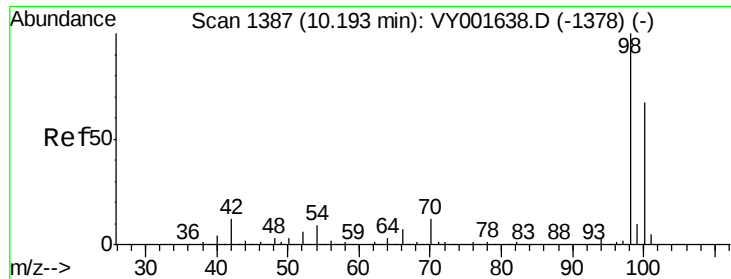
Tgt Ion: 75 Resp: 13615
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.2 51.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.17 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001768.D
 Acq: 24 Feb 2020 13:17

Tgt Ion: 117 Resp: 15936
 Ion Ratio Lower Upper
 117 100
 119 4.9 74.8 112.2#
 121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 53.47 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001768.D

Acq: 24 Feb 2020 13:17

Instrument :

MSVOA_Y

ClientSampleId :

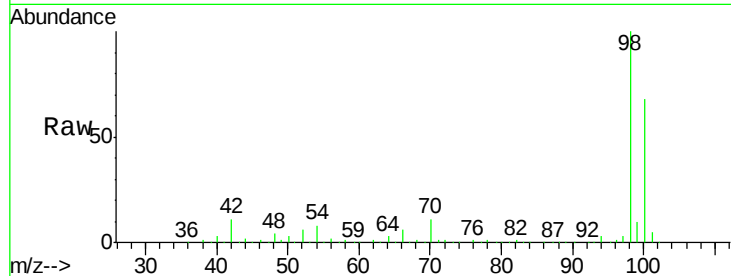
FK-BPM-04-006-ABCD

Tgt Ion: 98 Resp: 369116

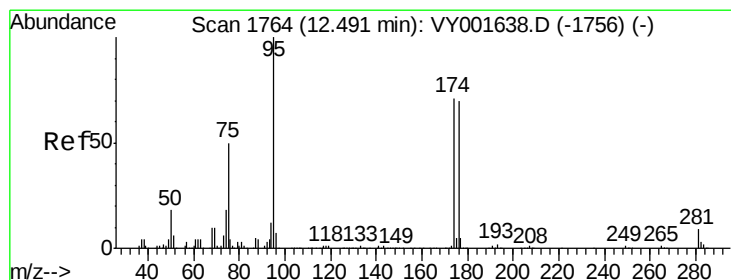
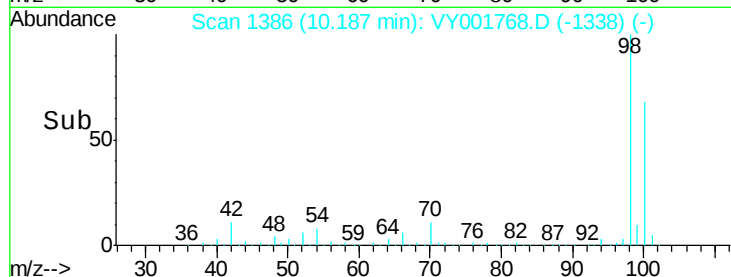
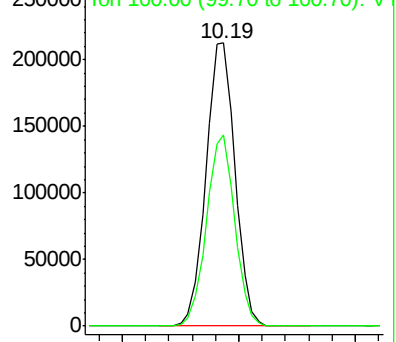
Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)



#62

4-Bromofluorobenzene

Concen: 47.44 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001768.D

Acq: 24 Feb 2020 13:17

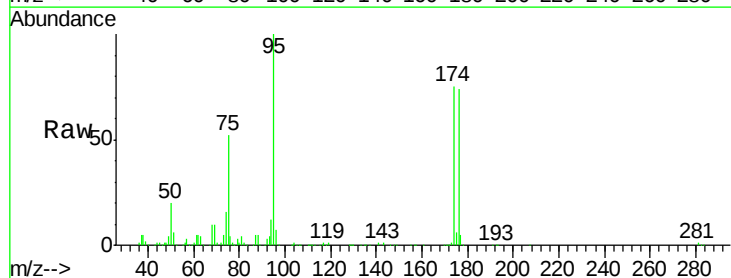
Tgt Ion: 95 Resp: 127228

Ion Ratio Lower Upper

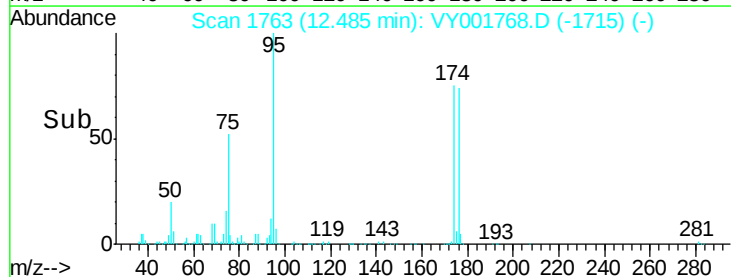
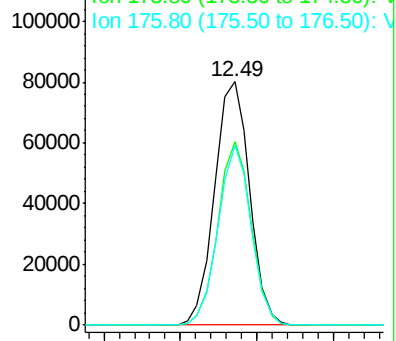
95 100

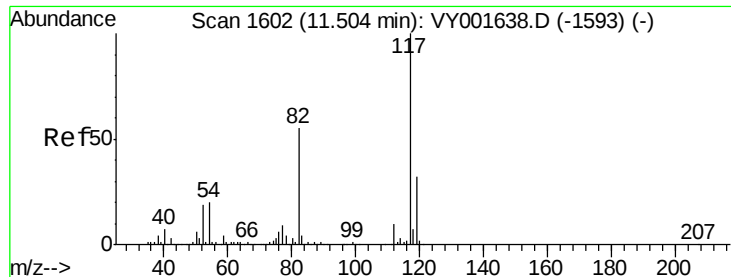
174 71.9 0.0 138.4

176 69.8 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

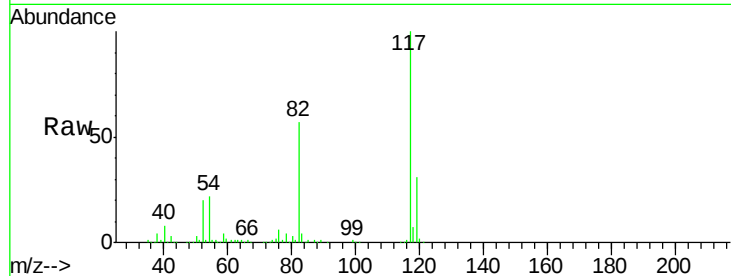




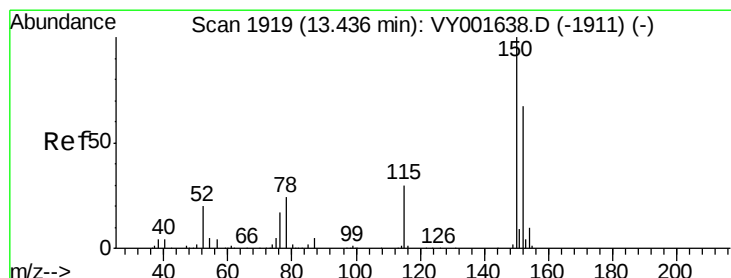
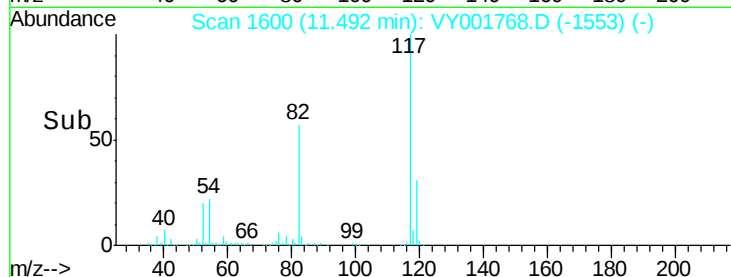
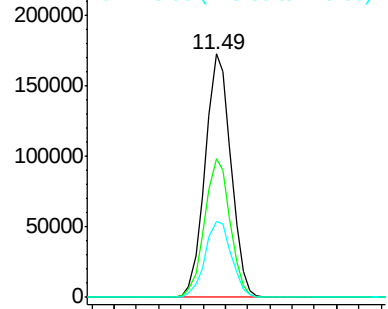
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001768.D
Acq: 24 Feb 2020 13:17

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-04-006-ABCD

Tgt Ion:117 Resp: 276478
Ion Ratio Lower Upper
117 100
82 56.9 45.5 68.3
119 31.3 25.8 38.6

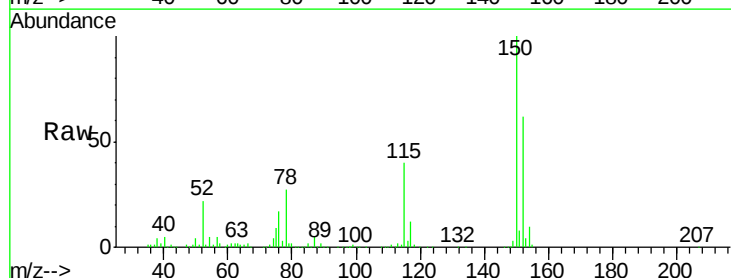


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

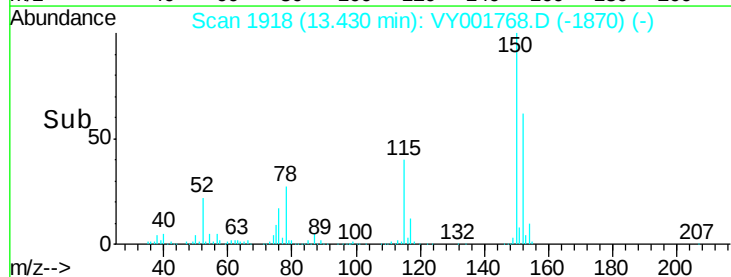
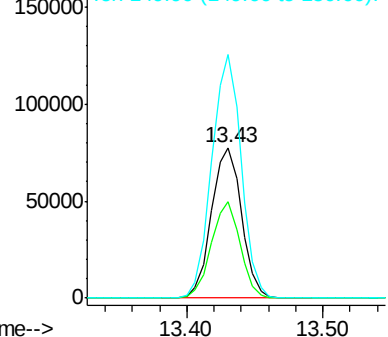


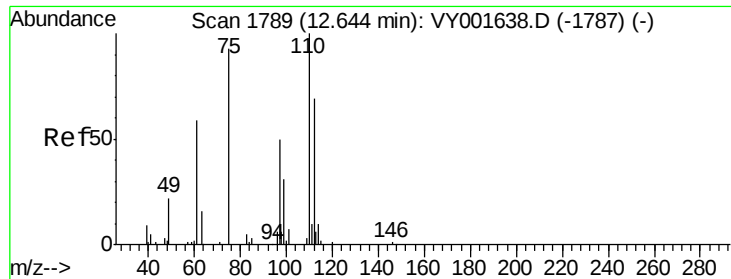
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001768.D
Acq: 24 Feb 2020 13:17

Tgt Ion:152 Resp: 119301
Ion Ratio Lower Upper
152 100
115 61.7 31.4 94.2
150 159.4 0.0 407.2



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

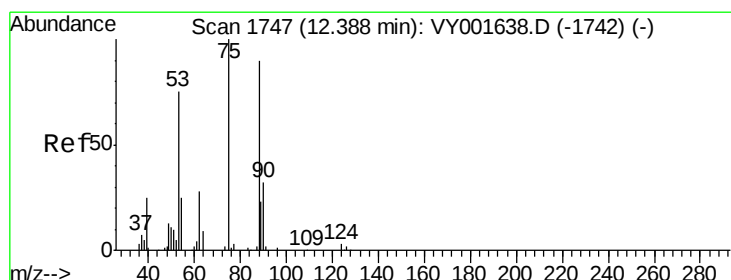
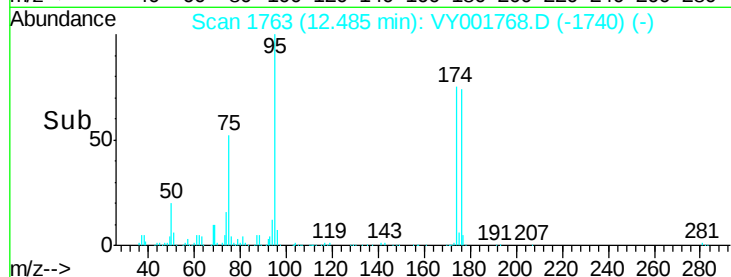
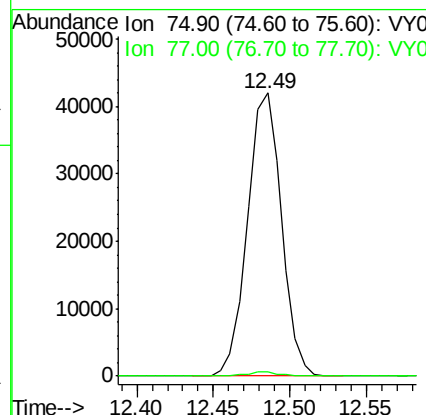
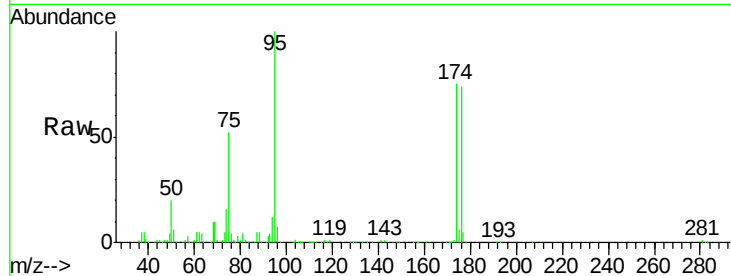




#76
 1,2,3-Trichloropropane
 Concen: 47.44 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.16 min
 Lab File: VY001768.D
 Acq: 24 Feb 2020 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-04-006-ABCD

Tgt Ion: 75 Resp: 64919
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.00 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY001768.D
 Acq: 24 Feb 2020 13:17

Tgt Ion: 75 Resp: 64919
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.5 96.7#
 89 0.1 36.3 54.5#

