

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022420\
 Data File : VY001769.D
 Acq On : 24 Feb 2020 13:39
 Operator : SY/MD
 Sample : L1655-02
 Misc : 6.49G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-01-AA1-BB1-AA1A-BB1A

Quant Time: Feb 24 14:36:19 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	7.81	168	156869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	301518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	272693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	120310	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	99778	59.13	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	118.26%	
35) Dibromofluoromethane	7.74	113	88896	51.48	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.19	98	363929	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.49	95	126130	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

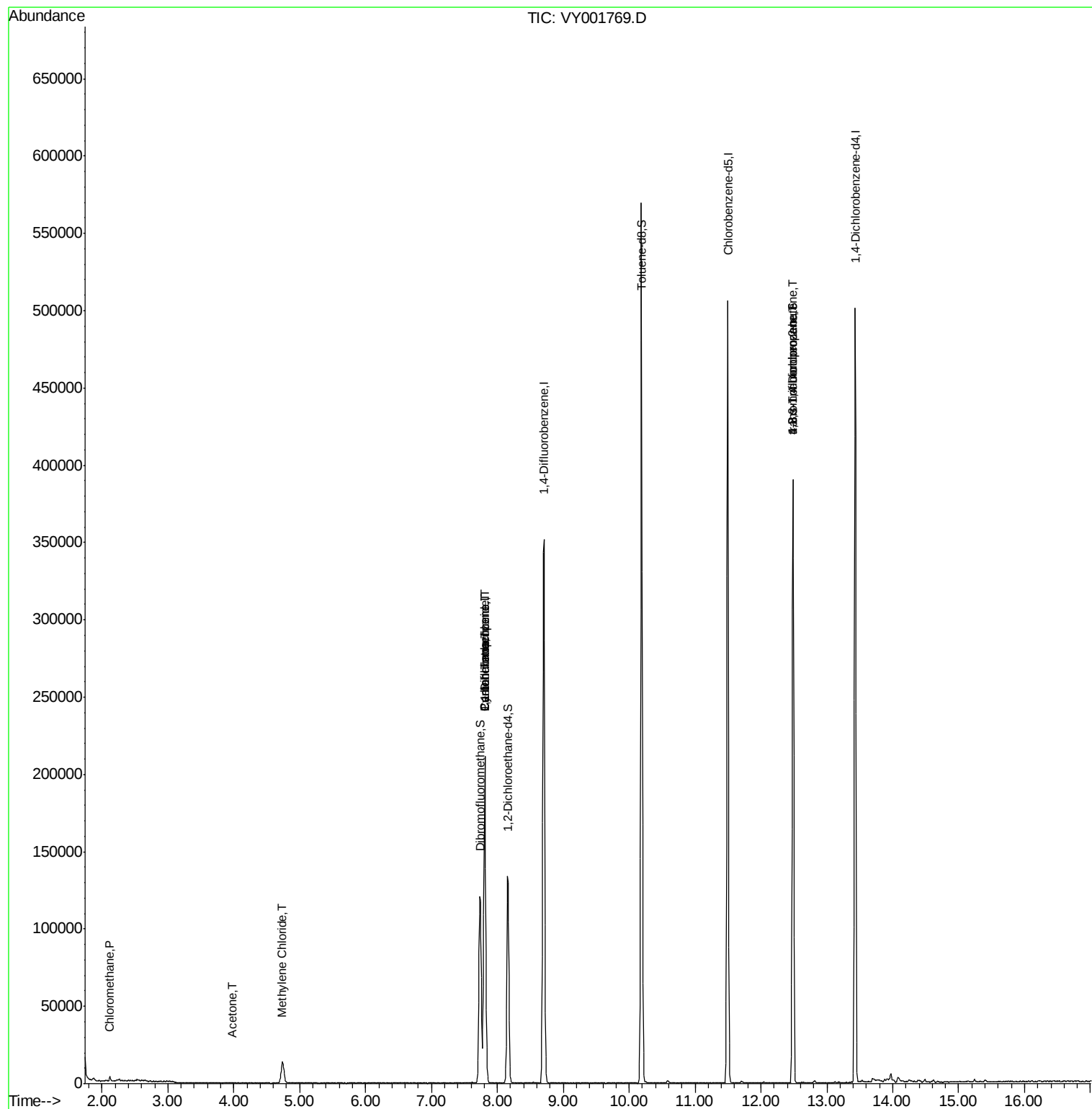
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	2084	1.01	ug/l	93
11) Tert butyl alcohol	5.01	59	56	Below Cal	#	74
16) Acetone	3.97	43	610	1.04	ug/l	89
20) Methylene Chloride	4.74	84	10622	5.12	ug/l	88
31) Cyclohexane	7.80	56	4015	1.13	ug/l	# 3
36) 1,1-Dichloropropene	7.81	75	13184	4.58	ug/l	# 49
38) Carbon Tetrachloride	7.81	117	16009	6.33	ug/l	# 17
76) 1,2,3-Trichloropropane	12.49	75	64413	46.67	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	64413	88.55	ug/l	# 17

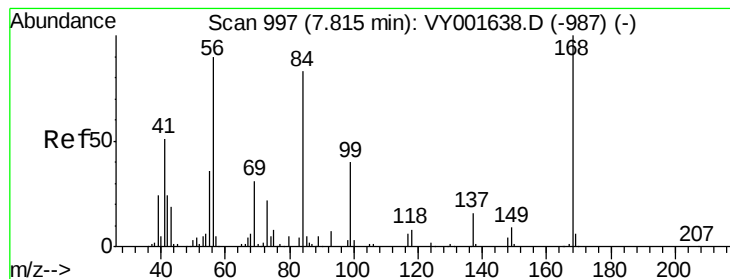
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001769.D

Acq: 24 Feb 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

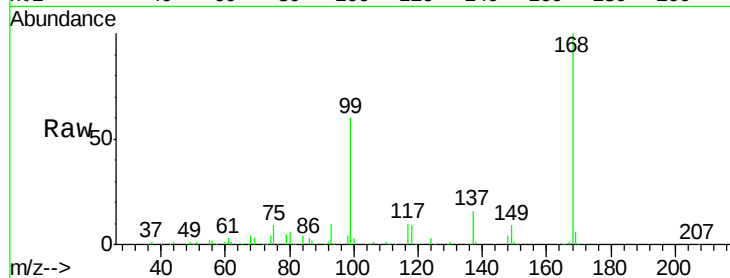
FK-BPM-01-AA1-BB1-AA1A-BB1A

Tgt Ion:168 Resp: 156869

Ion Ratio Lower Upper

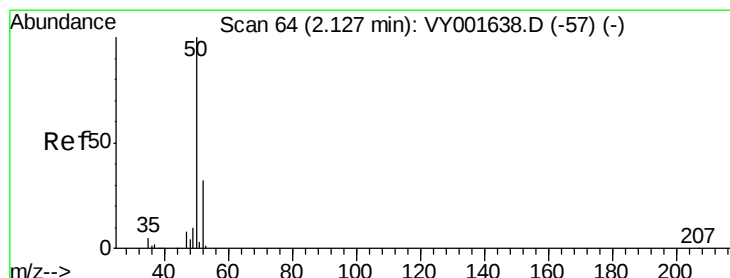
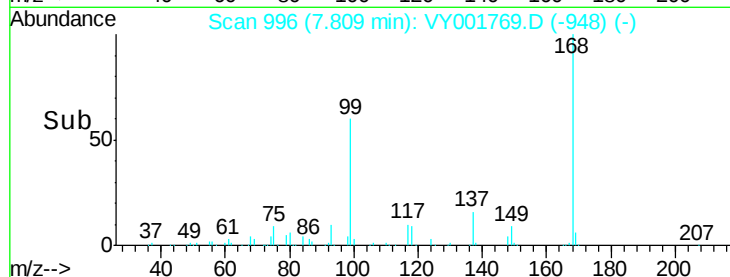
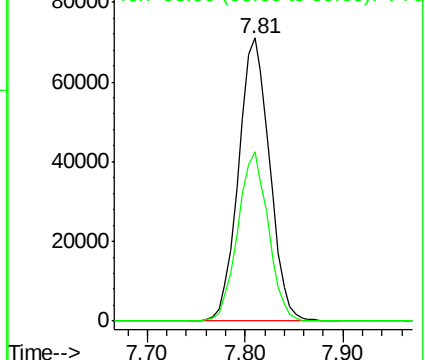
168 100

99 60.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001769.D

Ion 98.90 (98.60 to 99.60): VY001769.D



#3

Chloromethane

Concen: 1.01 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001769.D

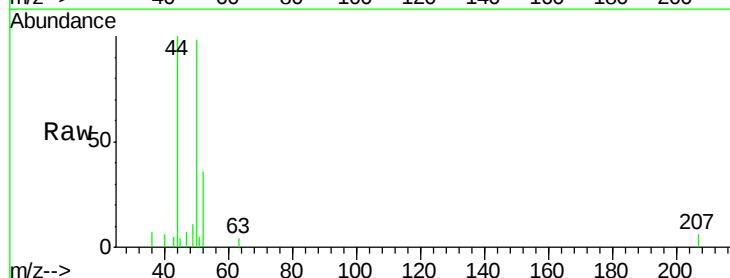
Acq: 24 Feb 2020 13:39

Tgt Ion: 50 Resp: 2084

Ion Ratio Lower Upper

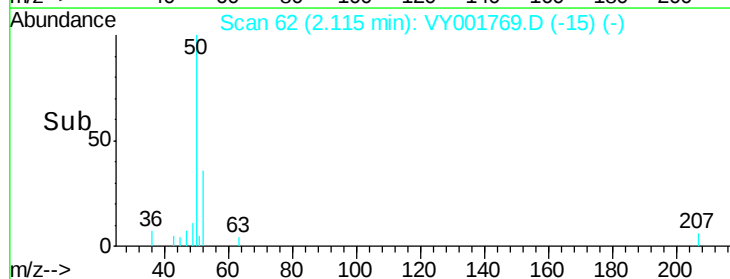
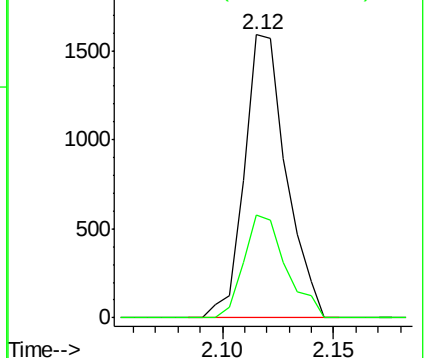
50 100

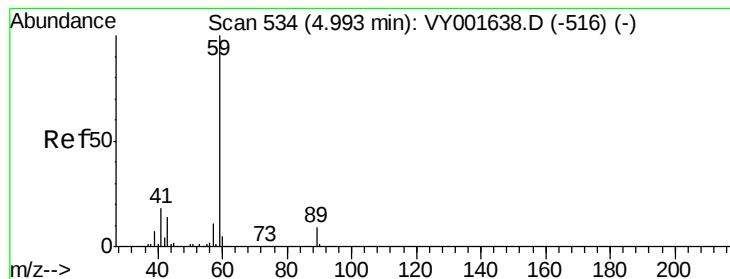
52 36.2 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001769.D

Ion 51.90 (51.60 to 52.60): VY001769.D



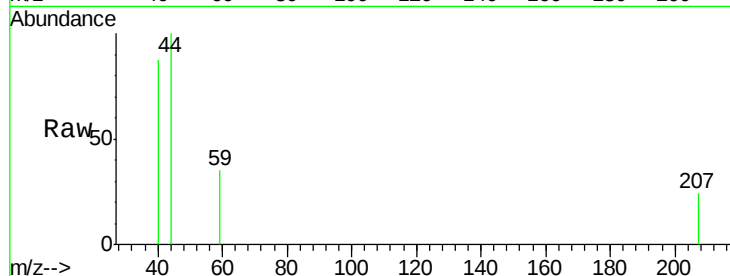


#11

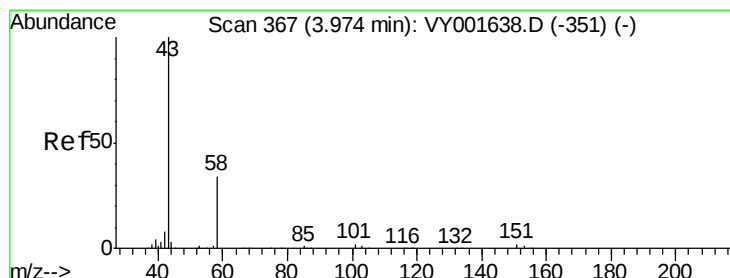
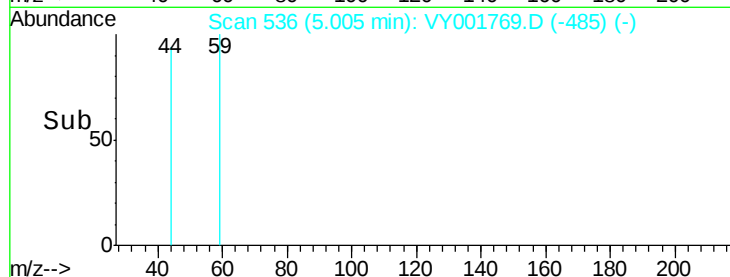
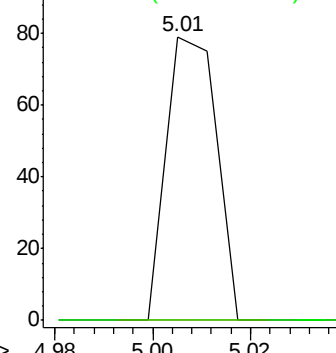
Tert butyl alcohol
Concen: Below Cal
RT: 5.01 min Scan# 536
Delta R.T. 0.01 min
Lab File: VY001769.D
Acq: 24 Feb 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-AA1-BB1-AA1A-BB1A

Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



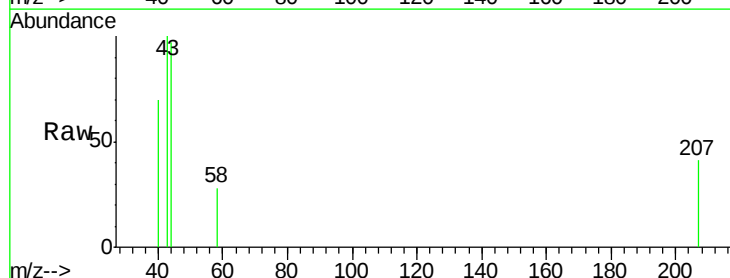
Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0



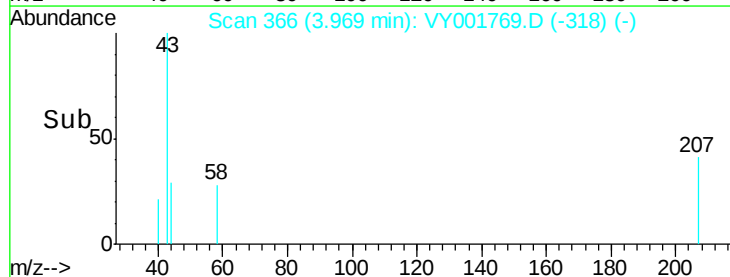
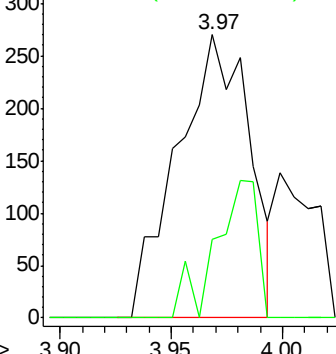
#16

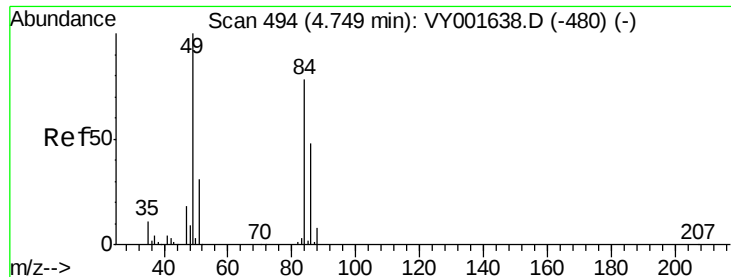
Acetone
Concen: 1.04 ug/l
RT: 3.97 min Scan# 366
Delta R.T. -0.01 min
Lab File: VY001769.D
Acq: 24 Feb 2020 13:39

Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
58 27.8 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

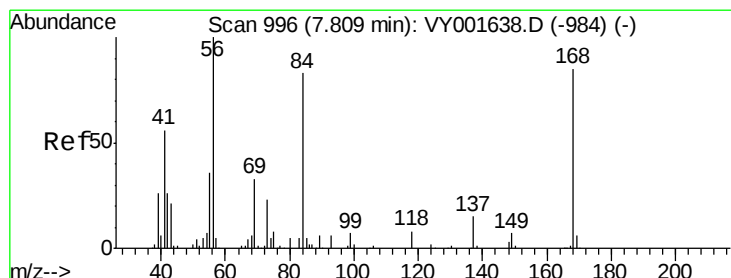
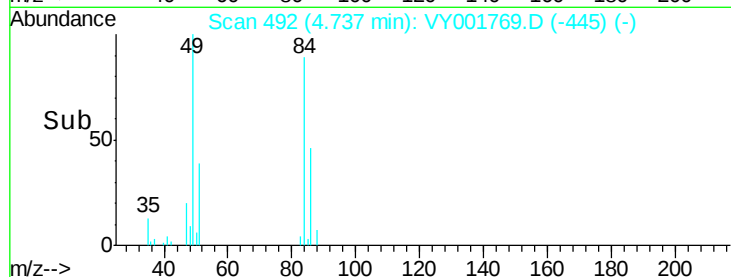
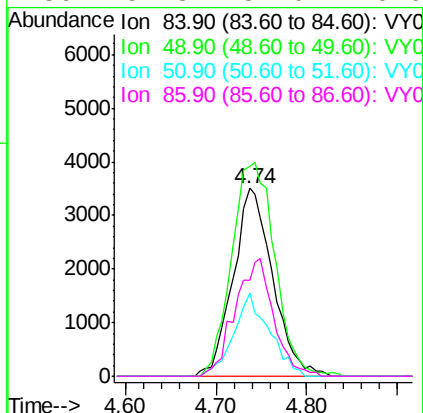
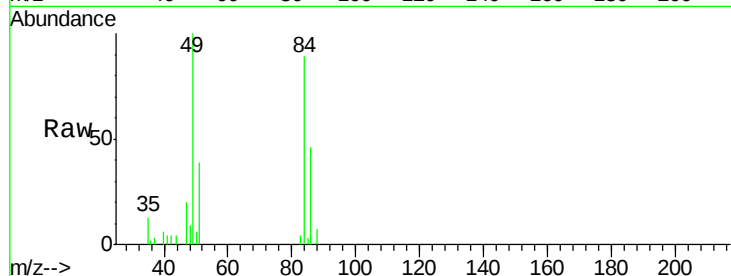




#20
Methylene Chloride
Concen: 5.12 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.01 min
Lab File: VY001769.D
Acq: 24 Feb 2020 13:39

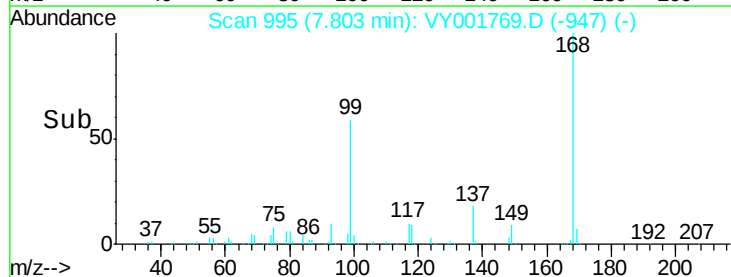
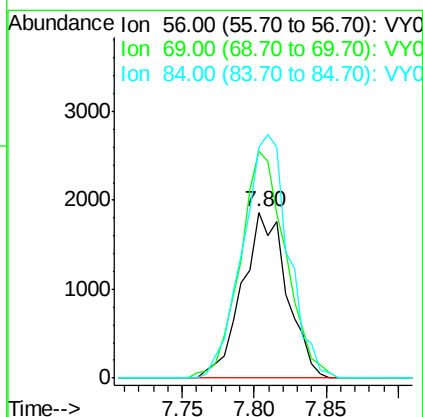
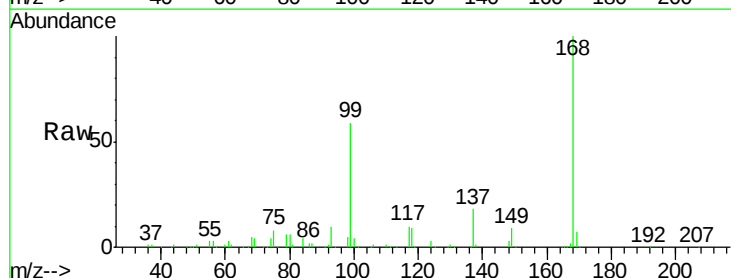
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-AA1-BB1-AA1A-BB1A

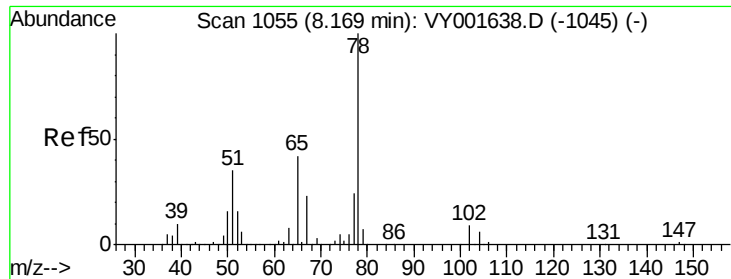
Tgt Ion: 84 Resp: 10622
Ion Ratio Lower Upper
84 100
49 112.0 99.2 148.8
51 44.0 31.5 47.3
86 51.3 51.0 76.6



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001769.D
Acq: 24 Feb 2020 13:39

Tgt Ion: 56 Resp: 4015
Ion Ratio Lower Upper
56 100
69 136.8 25.1 37.7#
84 138.9 66.9 100.3#

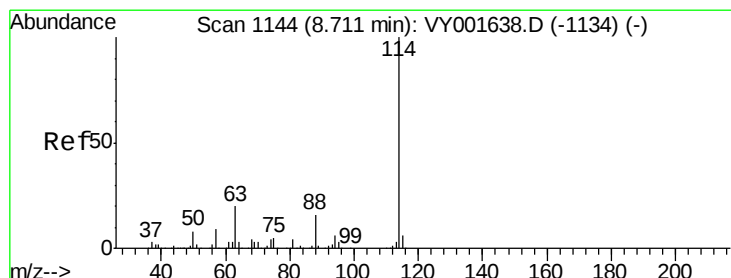
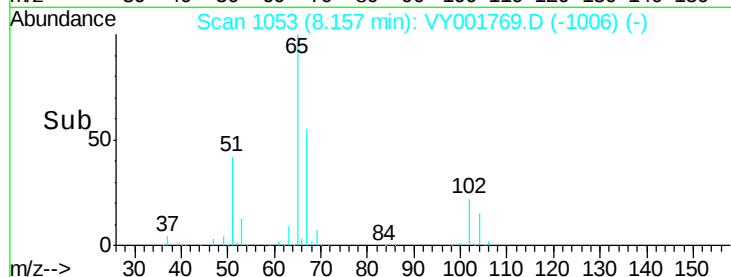
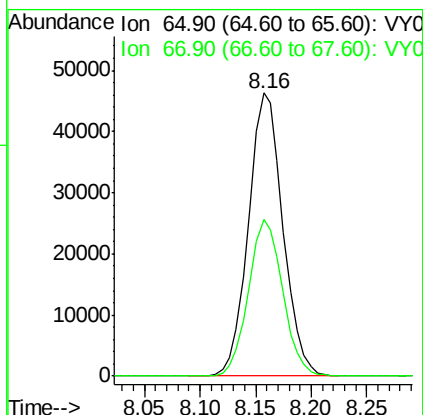
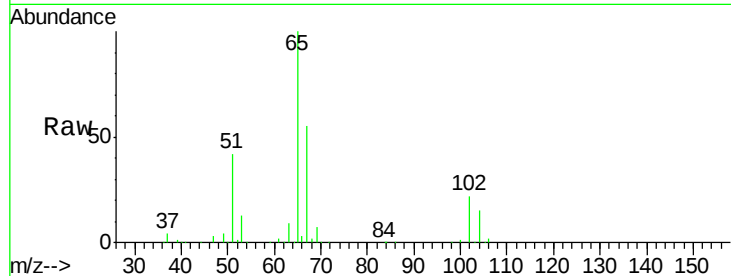




#33
 1,2-Dichloroethane-d4
 Concen: 59.13 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001769.D
 Acq: 24 Feb 2020 13:39

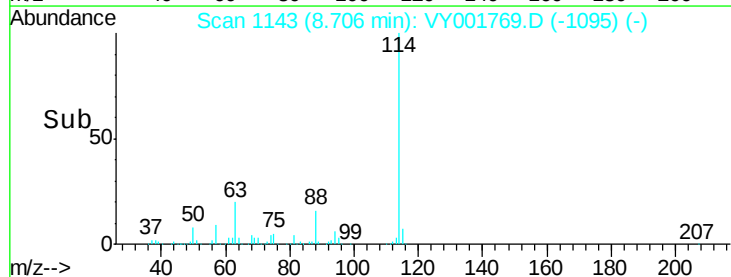
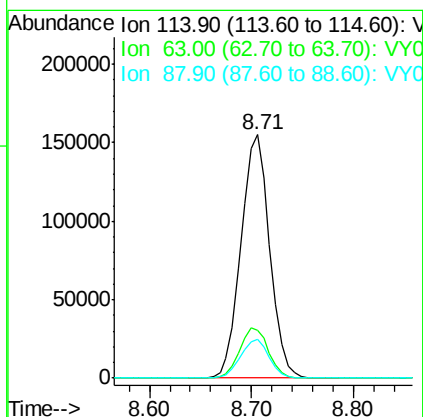
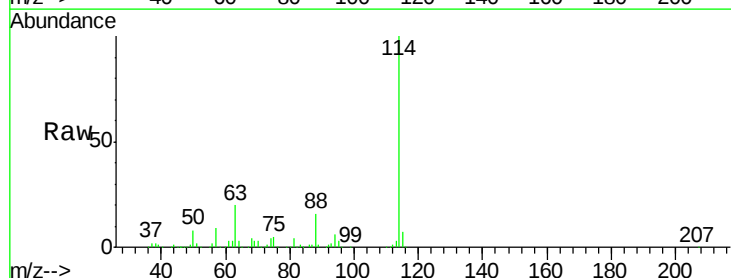
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-01-AA1-BB1-AA1A-BB1A

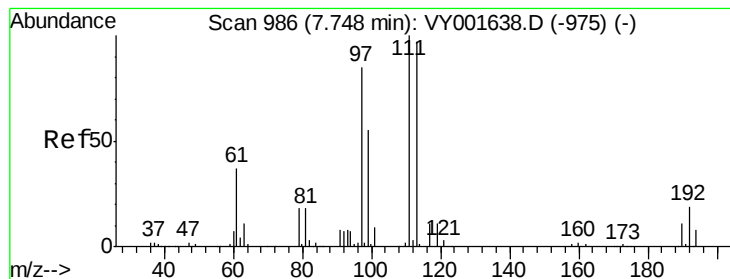
Tgt Ion: 65 Resp: 99778
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001769.D
 Acq: 24 Feb 2020 13:39

Tgt Ion: 114 Resp: 301518
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.48 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001769.D

Acq: 24 Feb 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-01-AA1-BB1-AA1A-BB1A

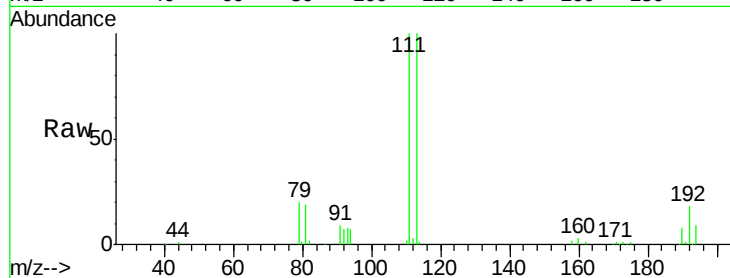
Tgt Ion:113 Resp: 88896

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

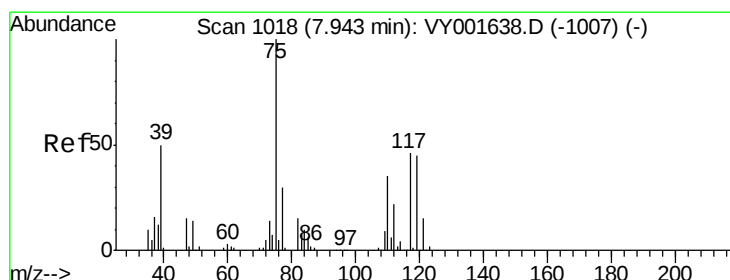
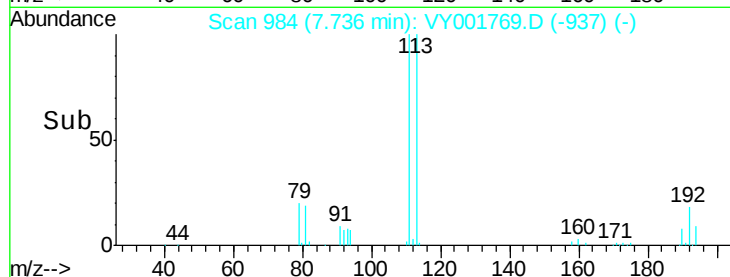
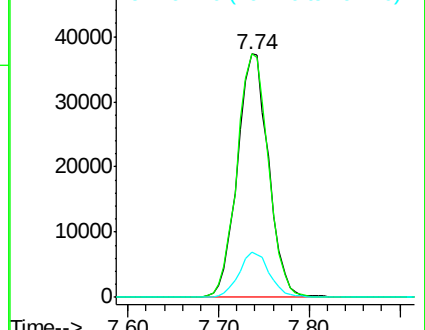
192 18.0 14.3 21.5



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: 4.58 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY001769.D

Acq: 24 Feb 2020 13:39

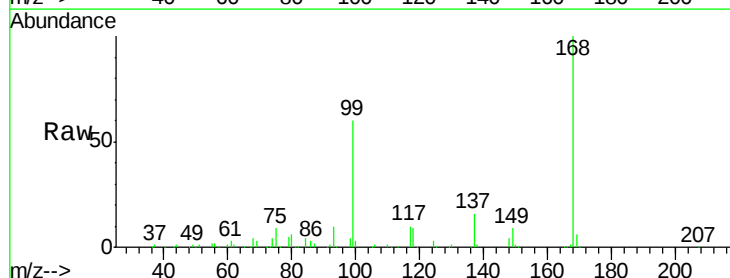
Tgt Ion: 75 Resp: 13184

Ion Ratio Lower Upper

75 100

110 7.8 17.2 51.6#

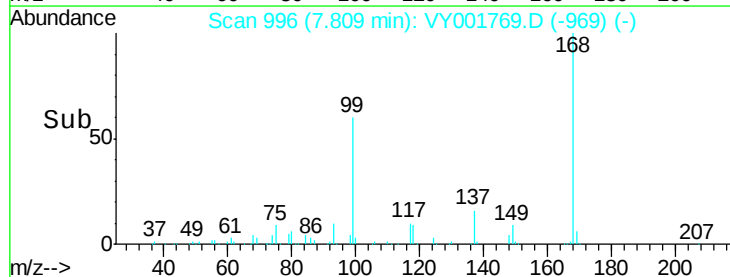
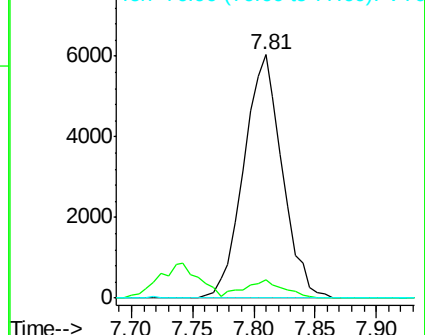
77 0.0 24.8 37.2#

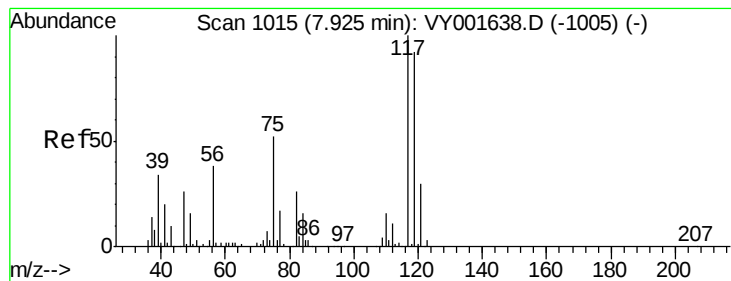


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.33 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.12 min

Lab File: VY001769.D

Acq: 24 Feb 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-01-AA1-BB1-AA1A-BB1A

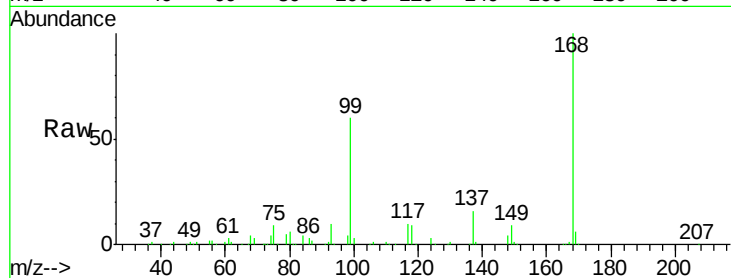
Tgt Ion:117 Resp: 16009

Ion Ratio Lower Upper

117 100

119 5.0 74.8 112.2#

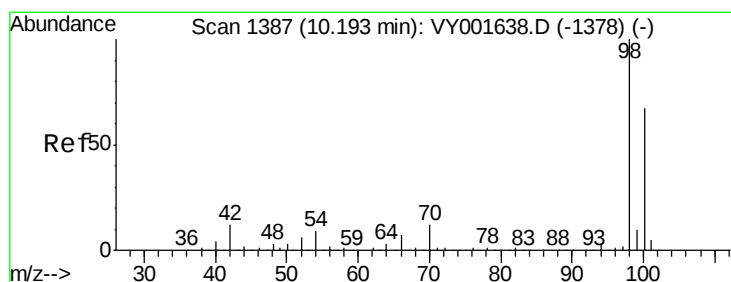
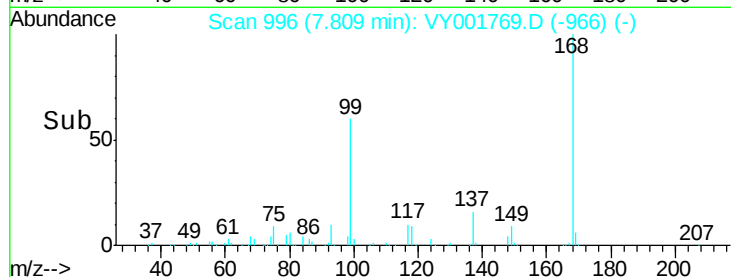
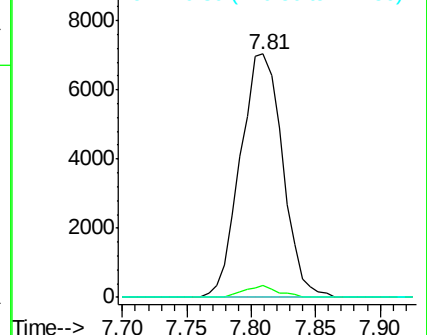
121 0.0 23.8 35.6#



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: 53.79 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001769.D

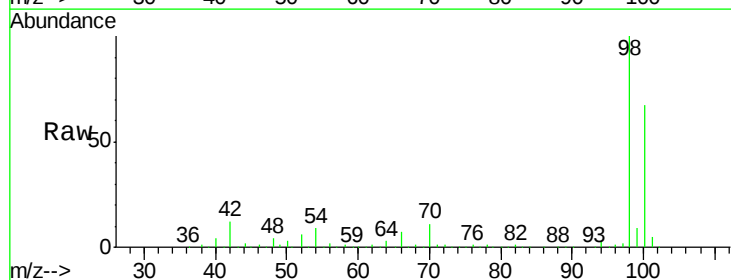
Acq: 24 Feb 2020 13:39

Tgt Ion: 98 Resp: 363929

Ion Ratio Lower Upper

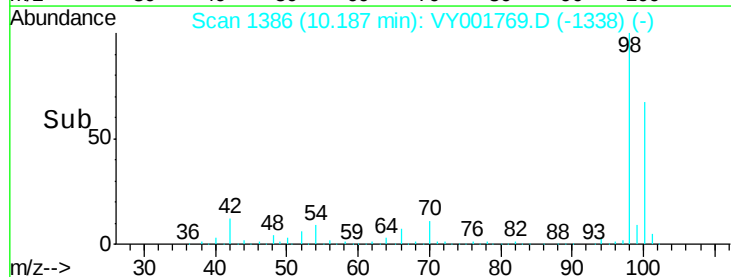
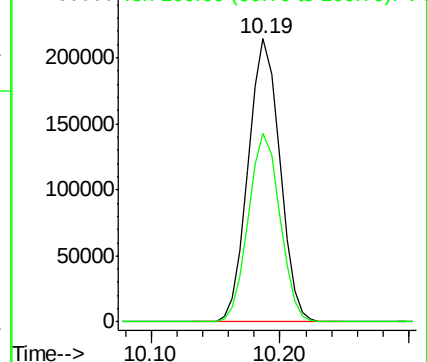
98 100

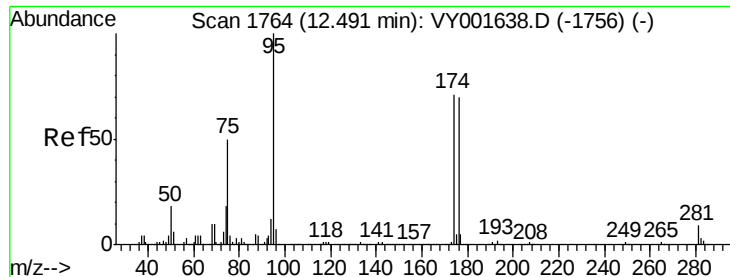
100 66.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

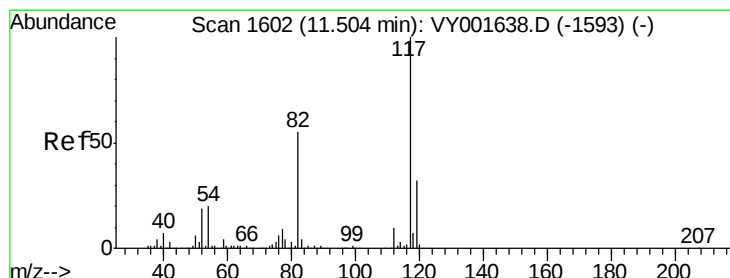
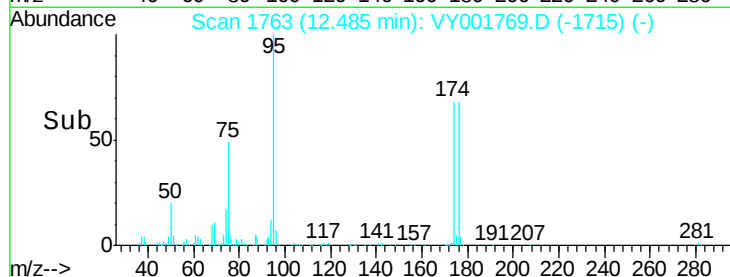
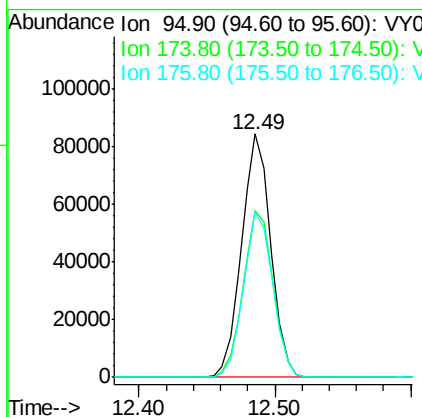
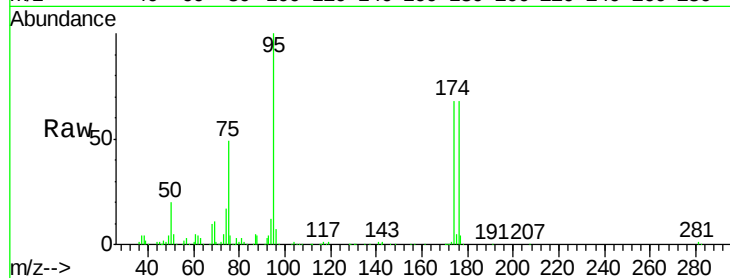




#62
 4-Bromofluorobenzene
 Concen: 47.99 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001769.D
 Acq: 24 Feb 2020 13:39

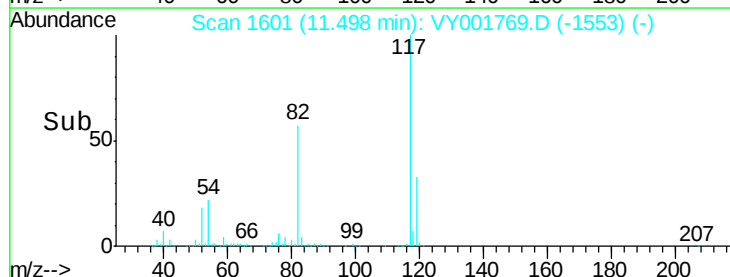
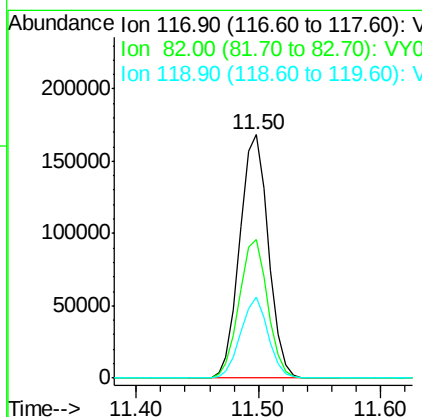
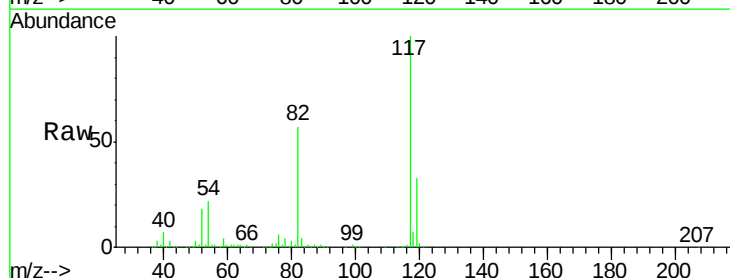
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-01-AA1-BB1-AA1A-BB1A

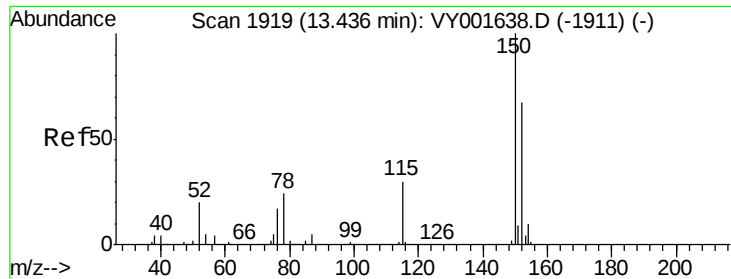
Tgt Ion: 95 Resp: 126130
 Ion Ratio Lower Upper
 95 100
 174 71.0 0.0 138.4
 176 68.7 0.0 131.8



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: VY001769.D
 Acq: 24 Feb 2020 13:39

Tgt Ion: 117 Resp: 272693
 Ion Ratio Lower Upper
 117 100
 82 56.7 45.5 68.3
 119 33.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001769.D

Acq: 24 Feb 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-01-AA1-BB1-AA1A-BB1A

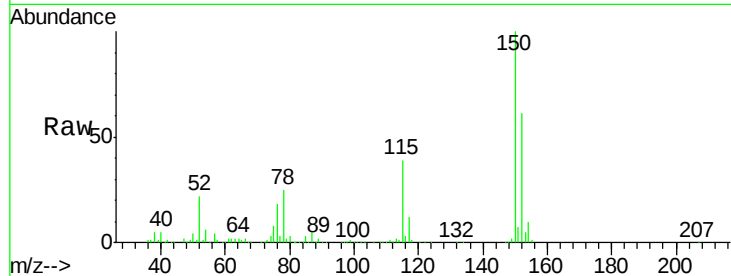
Tgt Ion: 152 Resp: 120310

Ion Ratio Lower Upper

152 100

115 61.5 31.4 94.2

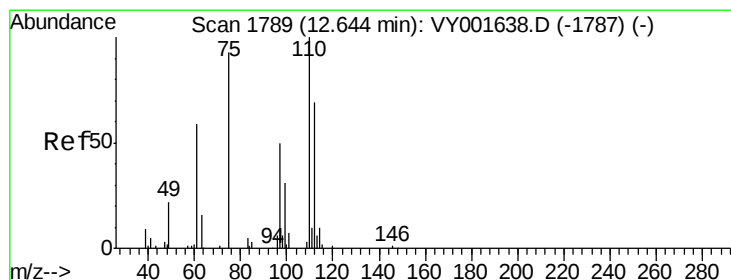
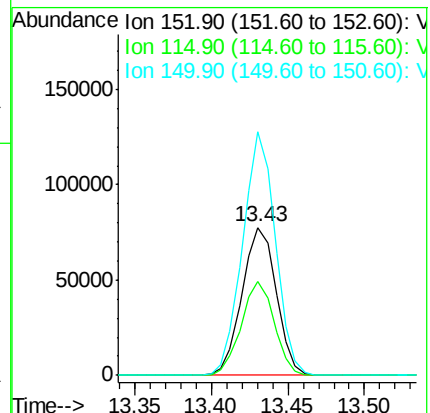
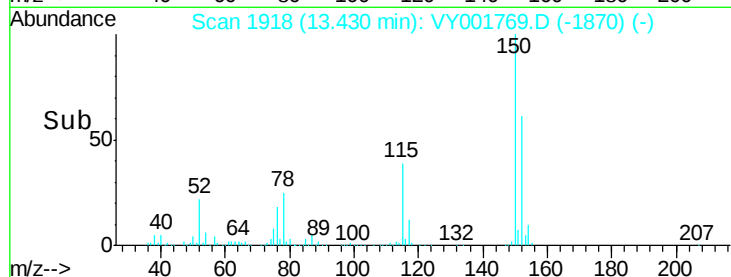
150 157.6 0.0 407.2



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: 46.67 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY001769.D

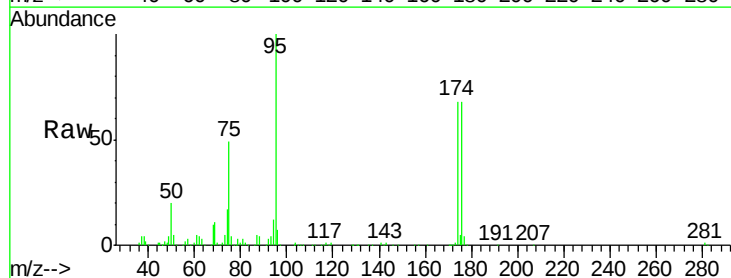
Acq: 24 Feb 2020 13:39

Tgt Ion: 75 Resp: 64413

Ion Ratio Lower Upper

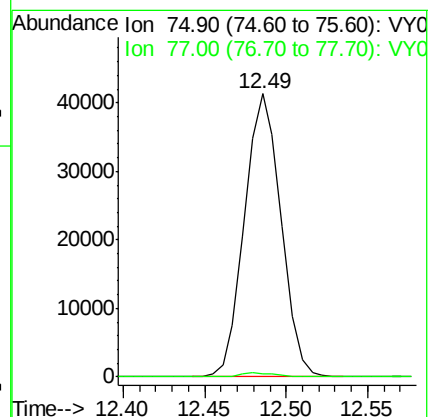
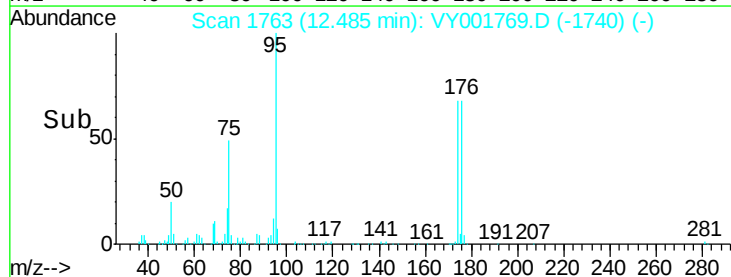
75 100

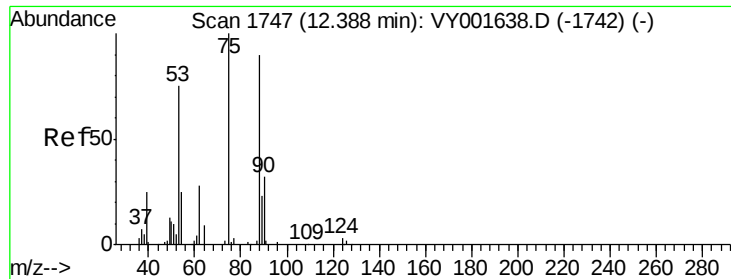
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 88.55 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001769.D

Acq: 24 Feb 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-01-AA1-BB1-AA1A-BB1A

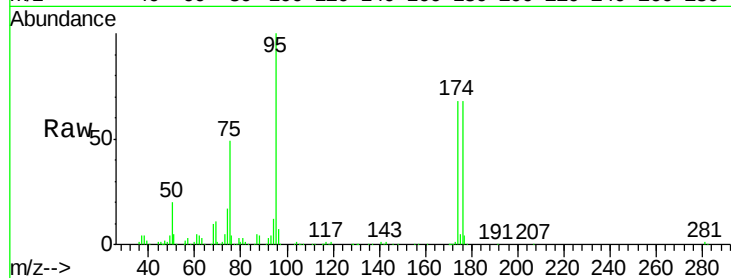
Tgt Ion: 75 Resp: 64413

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

