

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003268.D
 Acq On : 21 Jul 2020 22:51
 Operator : SY/MD
 Sample : L3351-04
 Misc : 7.33G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1B

Quant Time: Jul 22 02:48:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

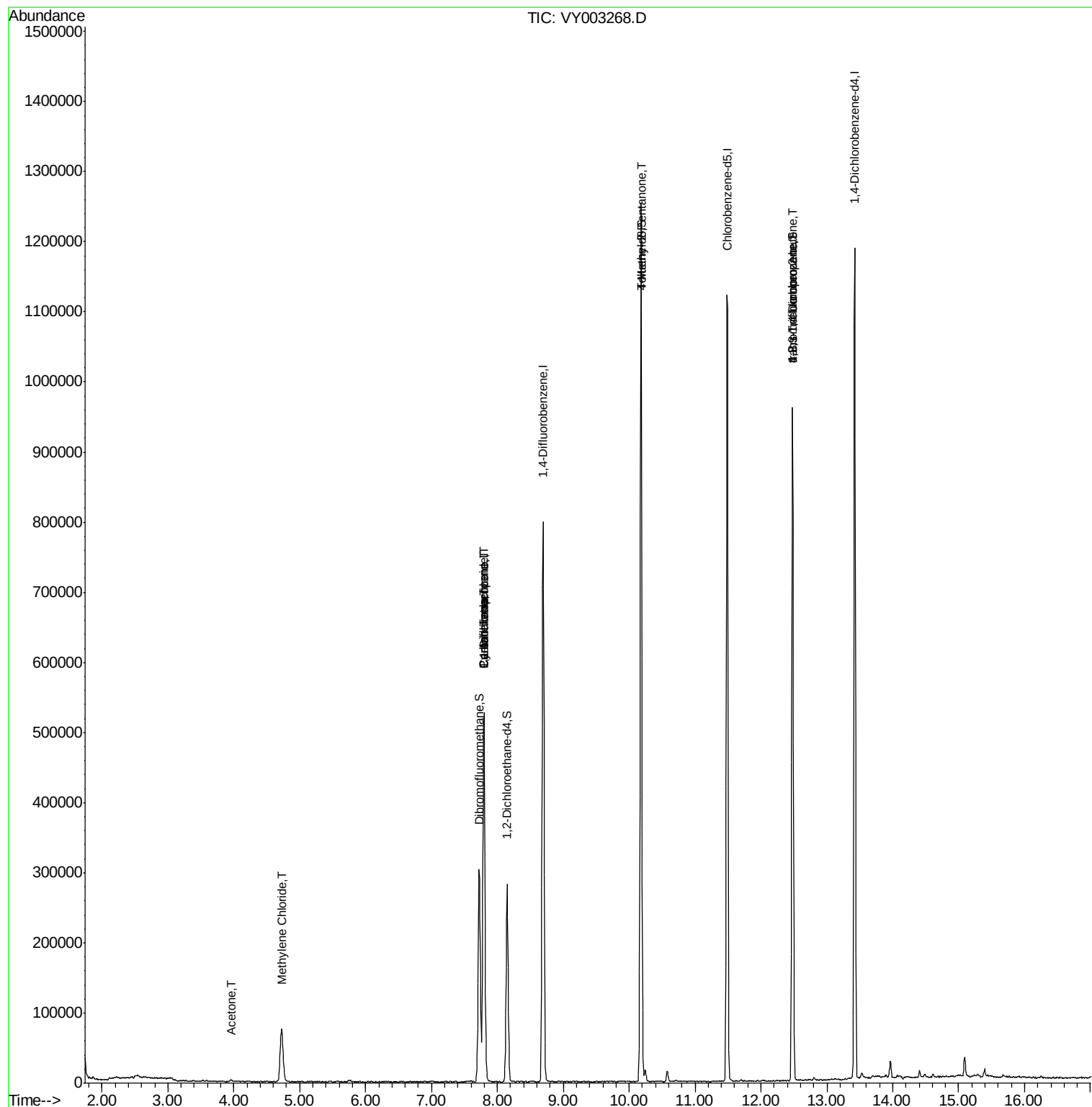
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	431181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	682587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	631371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	313656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	220038	60.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.92%	
35) Dibromofluoromethane	7.72	113	211665	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
50) Toluene-d8	10.18	98	829195	56.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.56%	
62) 4-Bromofluorobenzene	12.48	95	271654	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	2959	3.640	ug/l #	71
20) Methylene Chloride	4.72	84	59918	10.285	ug/l	95
31) Cyclohexane	7.80	56	7686	1.161	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	29949	4.841	ug/l #	50
38) Carbon Tetrachloride	7.79	117	40106	6.280	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	3841	1.146	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	138109	49.744	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	138109	96.811	ug/l #	13

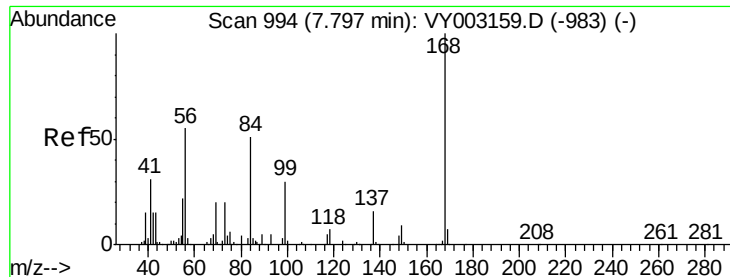
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
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Instrument :
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ClientSampleId :
SAMPLE-1B

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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003268.D

Acq: 21 Jul 2020 22:51

Instrument :

MSVOA_Y

ClientSampleId :

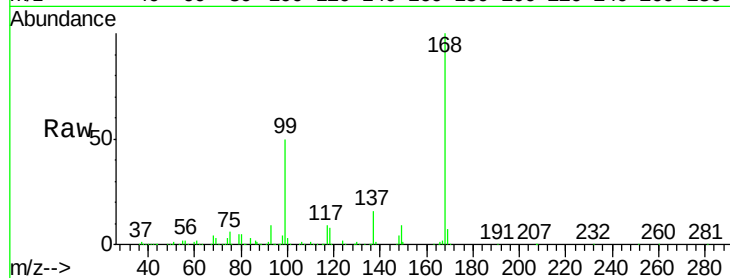
SAMPLE-1B

Tot Ion:168 Resp: 431181

Ion Ratio Lower Upper

168 100

99 49.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

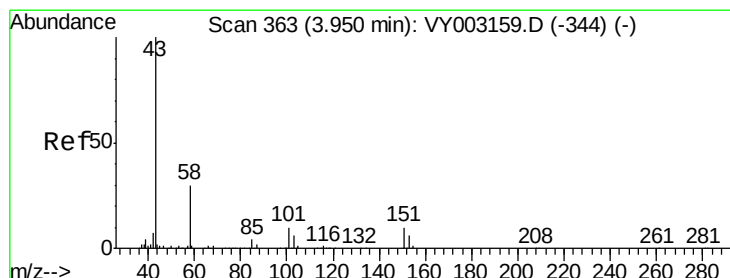
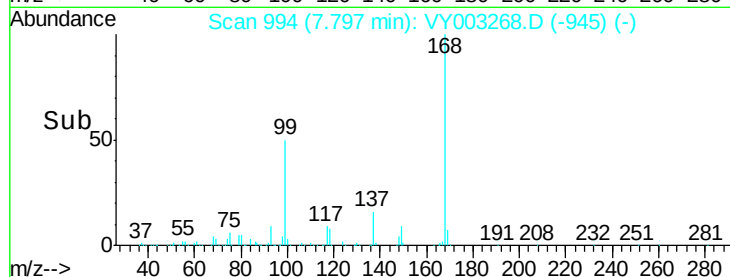
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.640 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003268.D

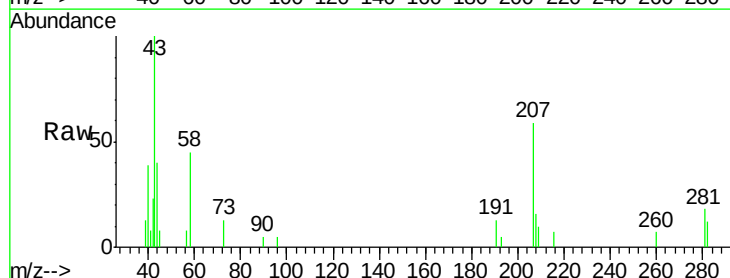
Acq: 21 Jul 2020 22:51

Tgt Ion: 43 Resp: 2959

Ion Ratio Lower Upper

43 100

58 45.5 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VY003159.D (-344) (-)

3.96

1200

1000

800

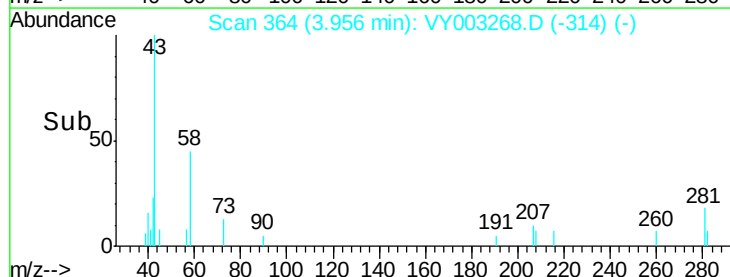
600

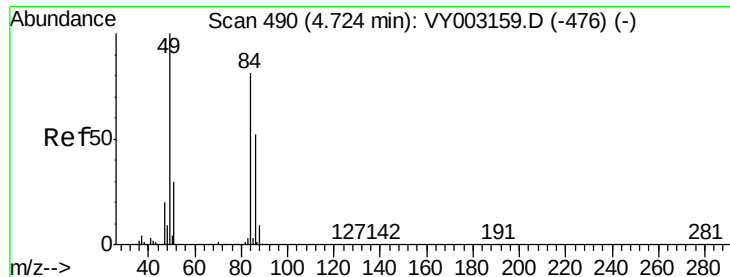
400

200

0

Time-->

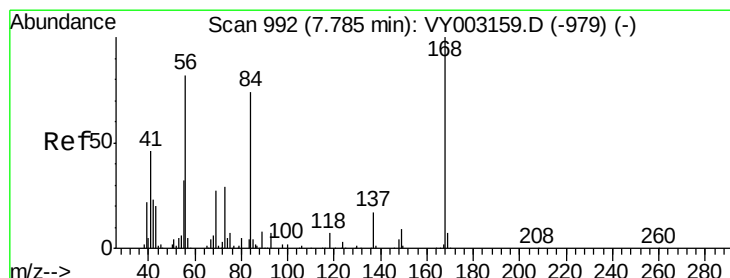
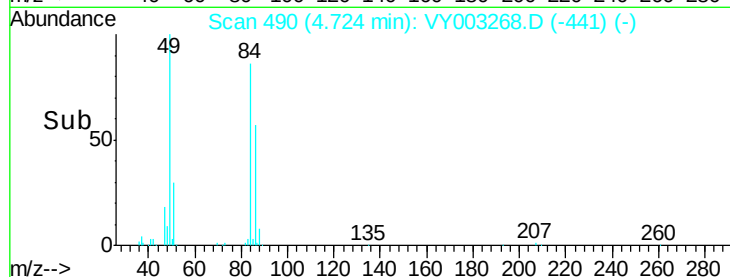
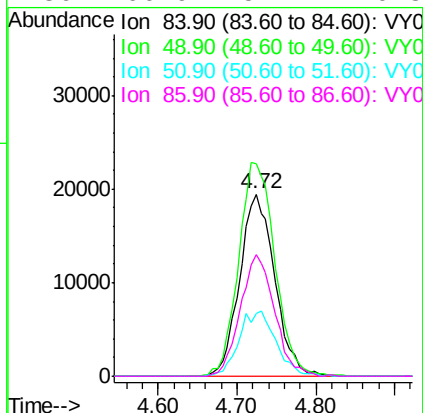
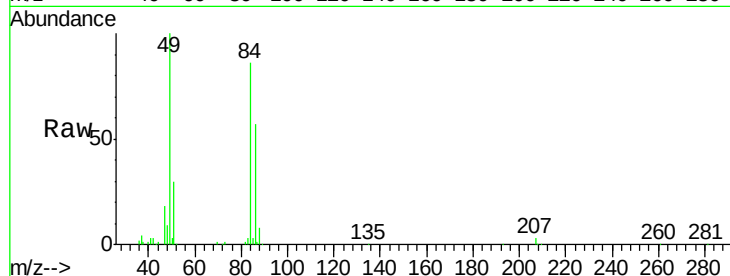




#20
Methylene Chloride
Concen: 10.285 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003268.D
Acq: 21 Jul 2020 22:51

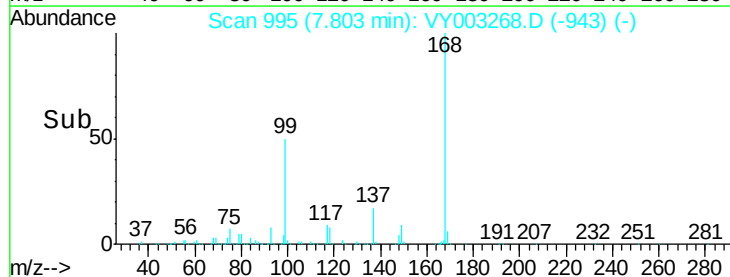
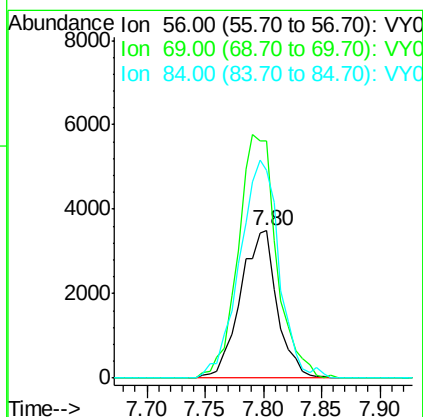
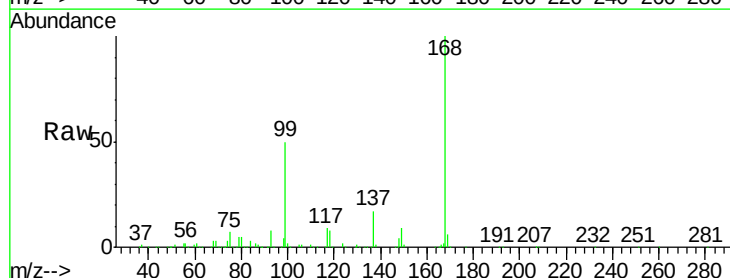
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1B

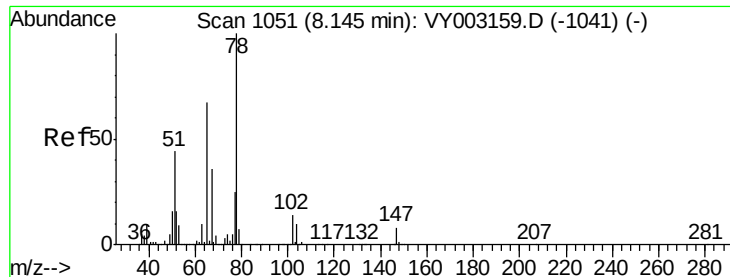
Tot Ion:	84	Resp:	59918
Ion	Ratio	Lower	Upper
84	100		
49	116.3	98.2	147.4
51	34.4	29.8	44.6
86	66.9	51.2	76.8



#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.02 min
Lab File: VY003268.D
Acq: 21 Jul 2020 22:51

Tgt Ion:	56	Resp:	7686
Ion	Ratio	Lower	Upper
56	100		
69	161.5	26.7	40.1#
84	141.4	72.3	108.5#

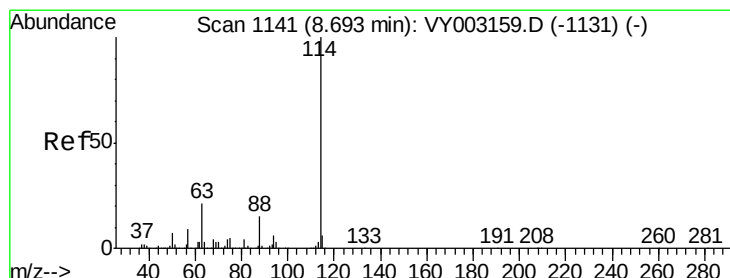
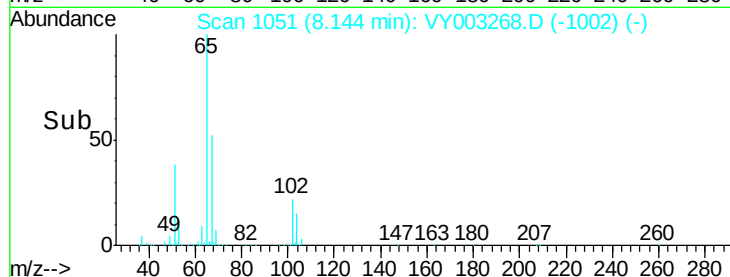
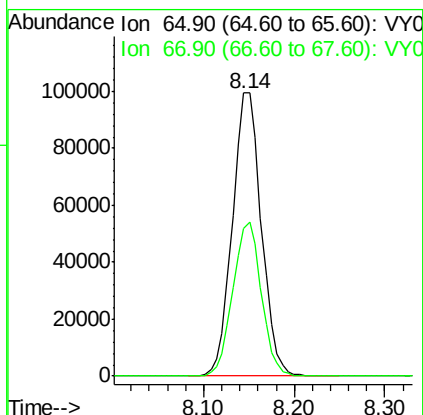
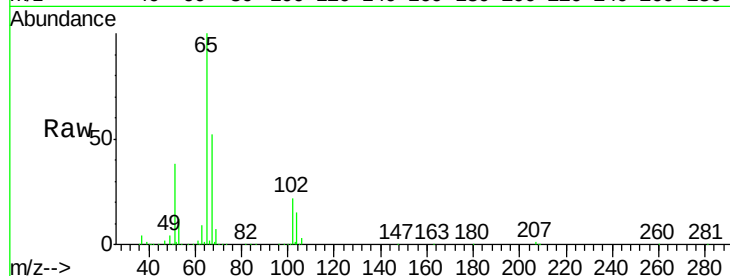




#33
 1,2-Dichloroethane-d4
 Concen: 60.461 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003268.D
 Acq: 21 Jul 2020 22:51

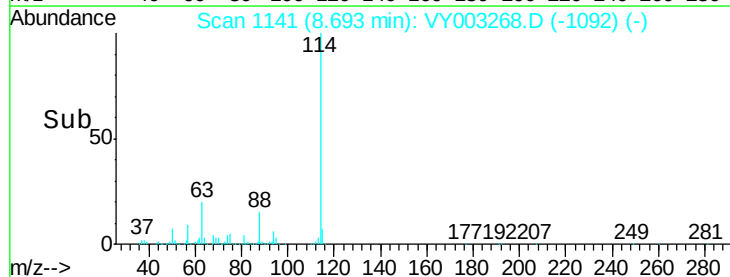
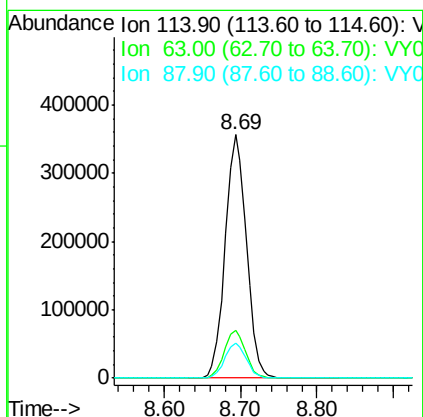
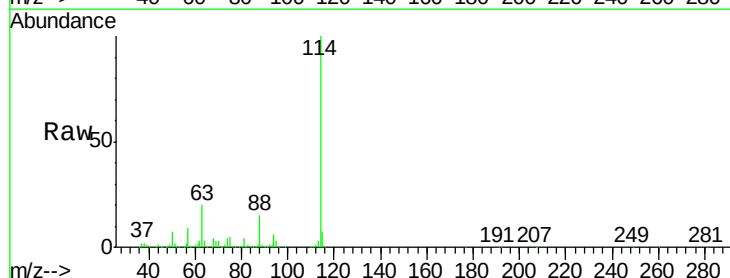
Instrument :
 MSVOA_Y
 ClientSampled :
 SAMPLE-1B

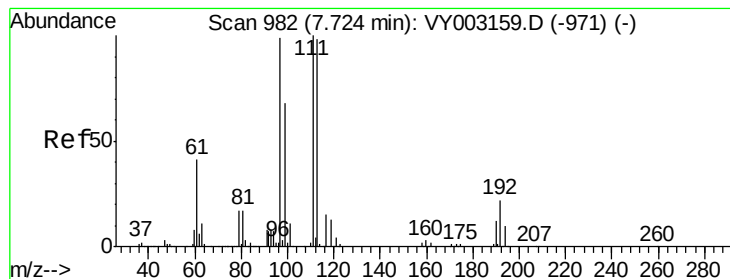
Tot Ion: 65 Resp: 220038
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003268.D
 Acq: 21 Jul 2020 22:51

Tgt Ion: 114 Resp: 682587
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.2
 88 14.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.885 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003268.D

Acq: 21 Jul 2020 22:51

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1B

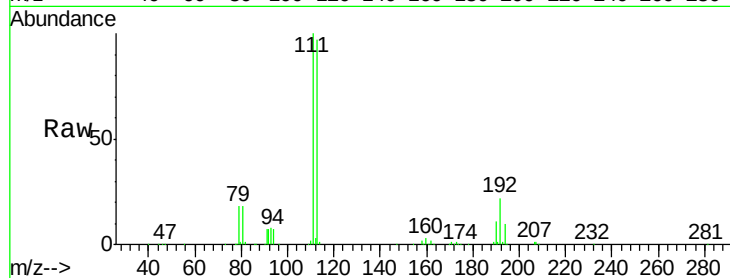
Tot Ion:113 Resp: 211665

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

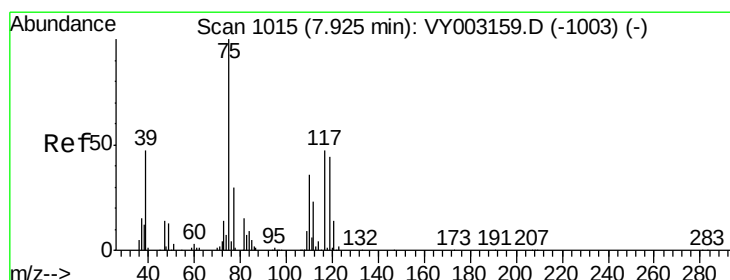
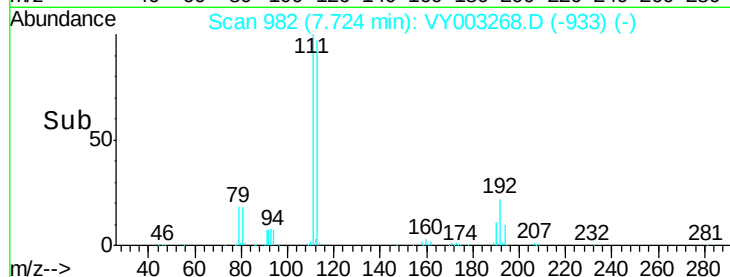
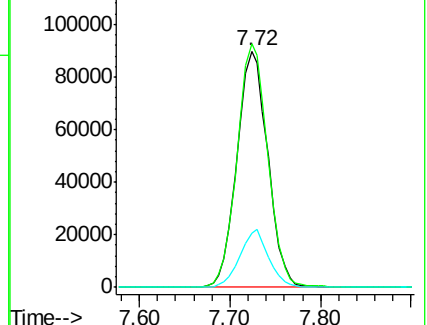
192 22.7 18.8 28.2



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: 4.841 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY003268.D

Acq: 21 Jul 2020 22:51

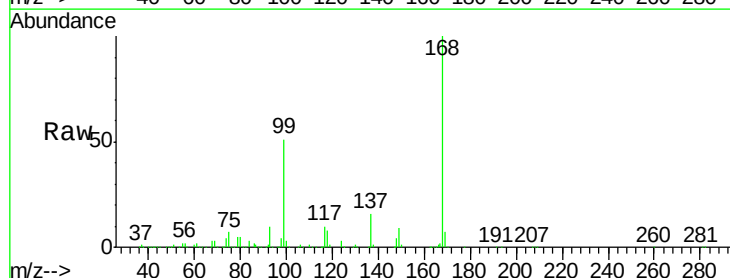
Tgt Ion: 75 Resp: 29949

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.1#

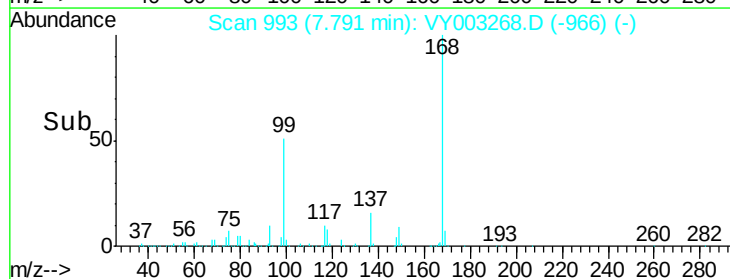
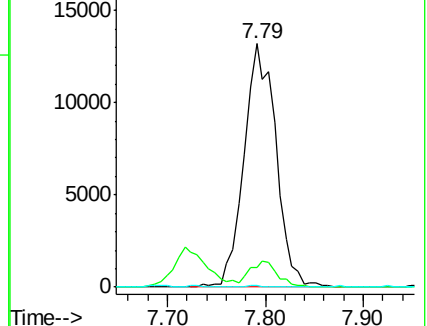
77 0.2 24.8 37.2#

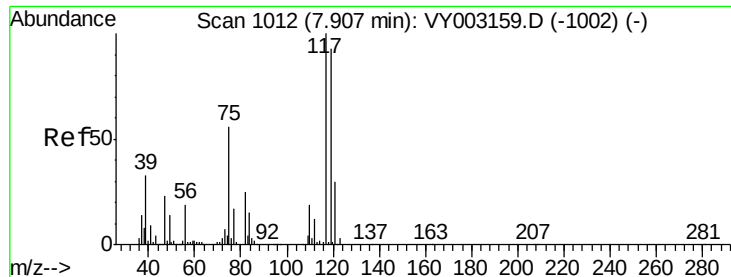


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.280 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY003268.D

Acq: 21 Jul 2020 22:51

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1B

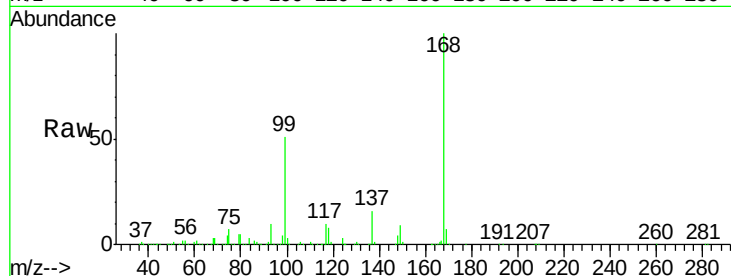
Tot Ion:117 Resp: 40106

Ion Ratio Lower Upper

117 100

119 5.2 74.5 111.7#

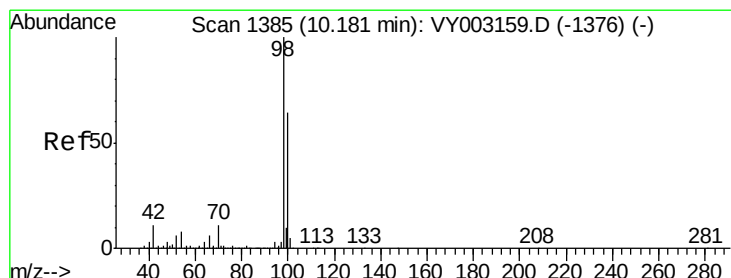
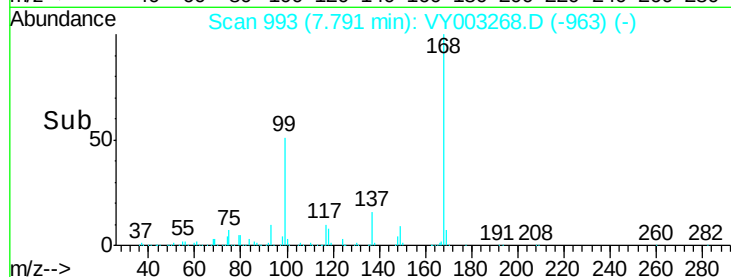
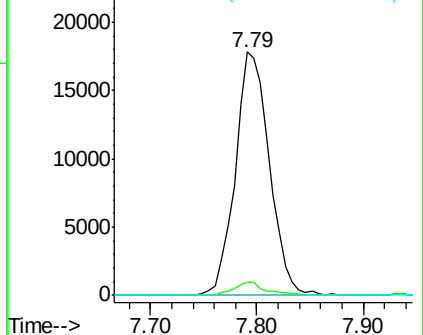
121 0.0 24.2 36.2#



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: 56.778 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003268.D

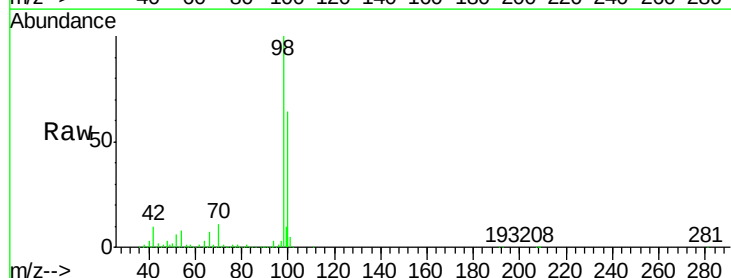
Acq: 21 Jul 2020 22:51

Tgt Ion: 98 Resp: 829195

Ion Ratio Lower Upper

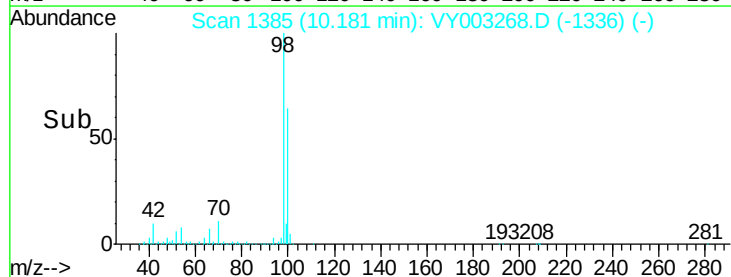
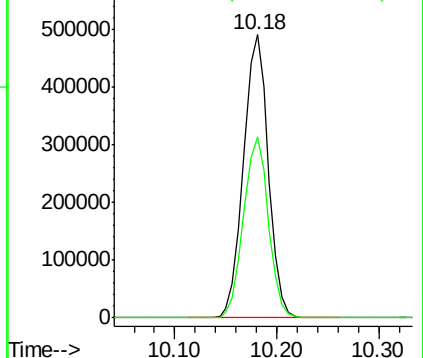
98 100

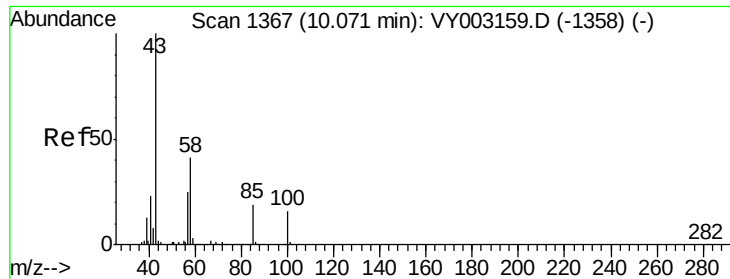
100 64.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

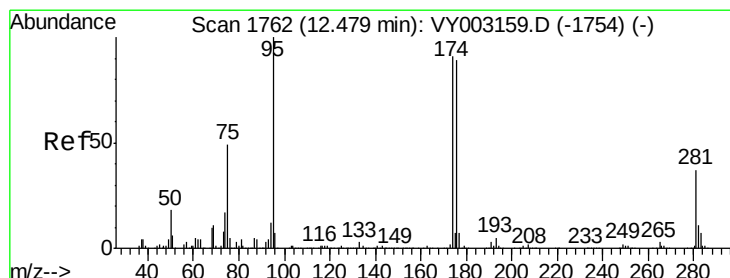
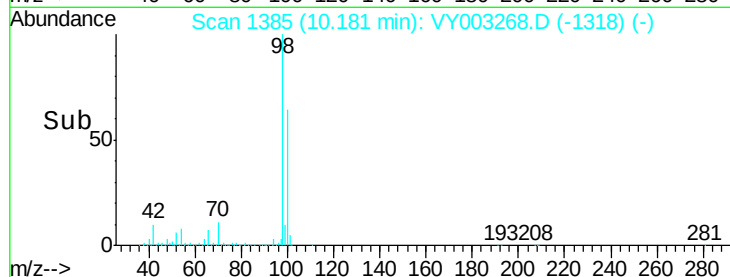
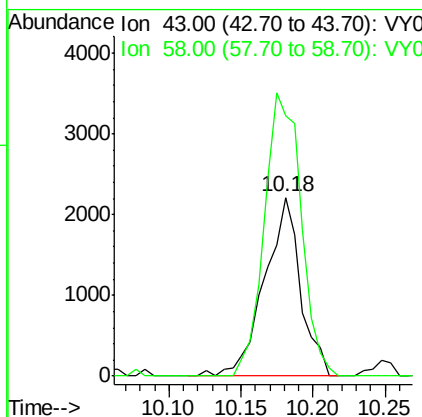
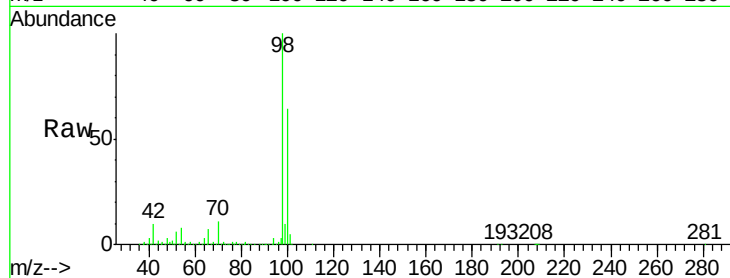




#51
 4-Methyl-2-Pentanone
 Concen: 1.146 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.11 min
 Lab File: VY003268.D
 Acq: 21 Jul 2020 22:51

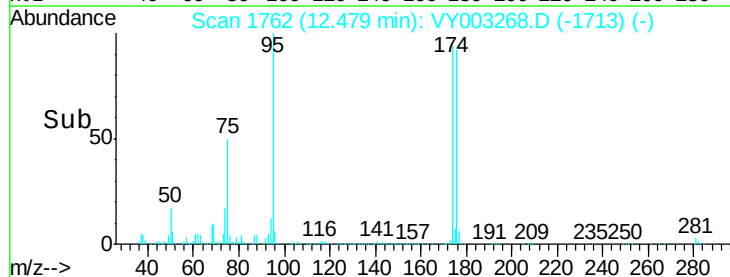
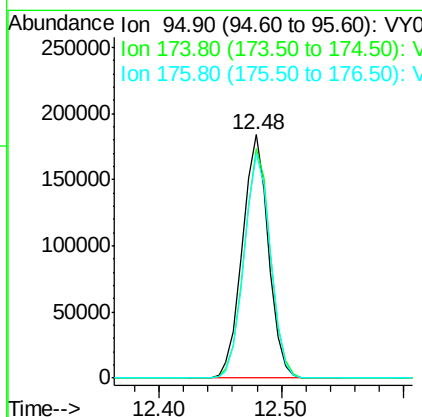
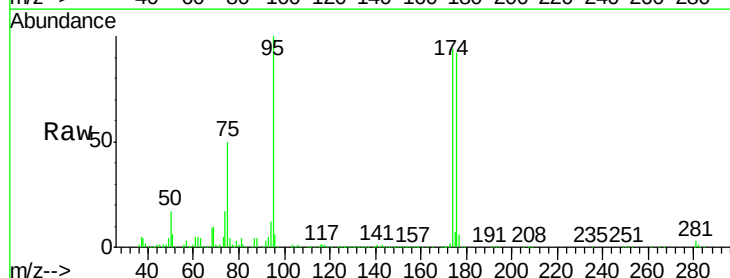
Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1B

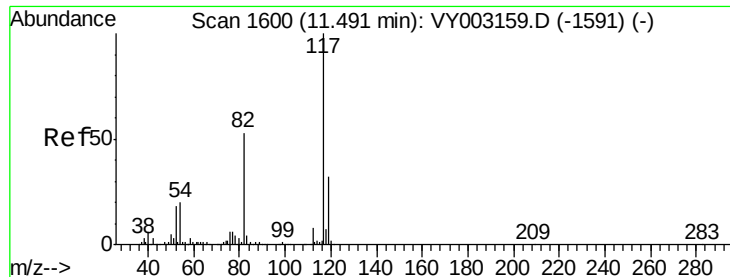
Tot Ion: 43 Resp: 3841
 Ion Ratio Lower Upper
 43 100
 58 162.0 32.7 49.1#



#62
 4-Bromofluorobenzene
 Concen: 51.490 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003268.D
 Acq: 21 Jul 2020 22:51

Tgt Ion: 95 Resp: 271654
 Ion Ratio Lower Upper
 95 100
 174 95.2 0.0 190.6
 176 93.4 0.0 186.4

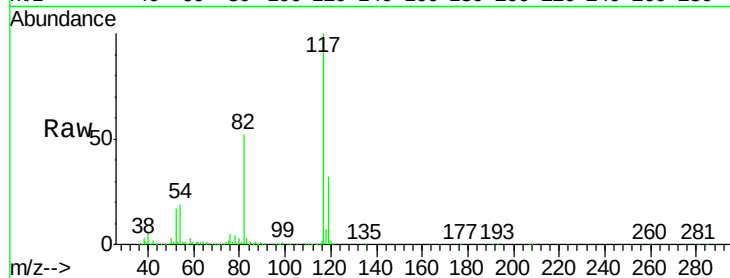




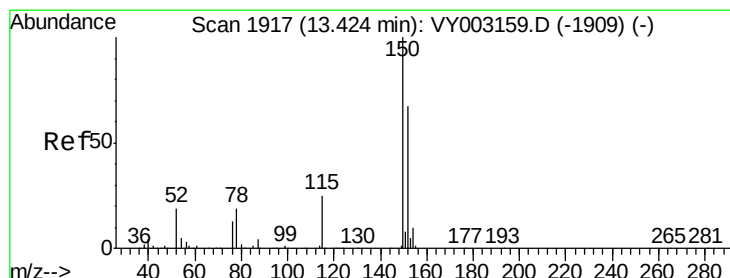
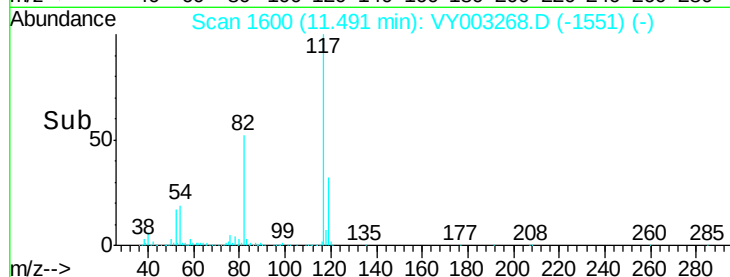
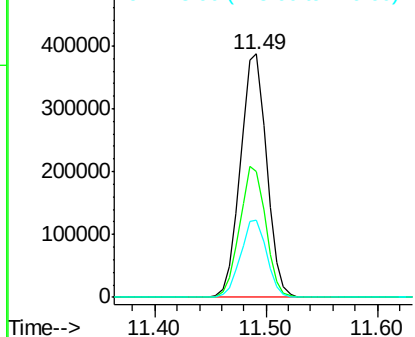
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003268.D
Acq: 21 Jul 2020 22:51

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1B

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.0	63.0
119	31.8	25.5	38.3

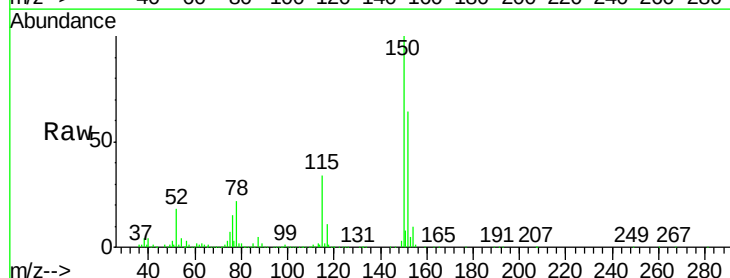


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

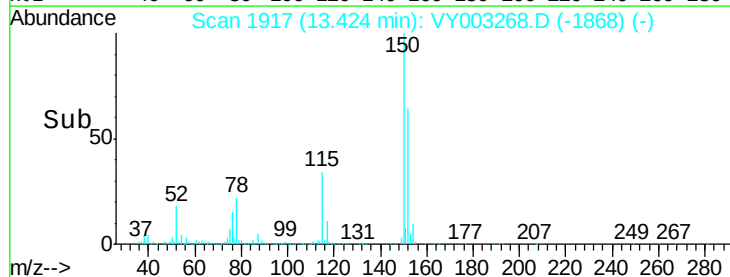
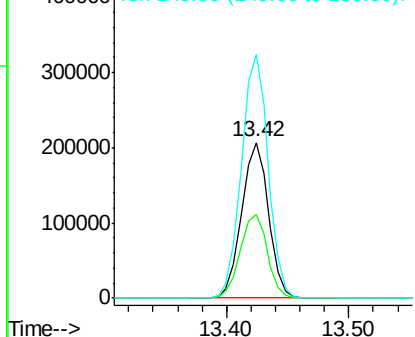


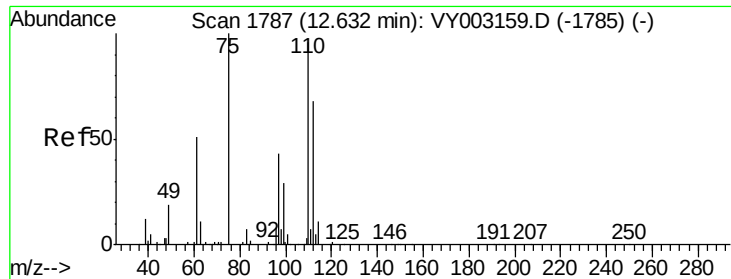
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003268.D
Acq: 21 Jul 2020 22:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.9	80.7
150	155.8	0.0	338.0



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: 49.744 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003268.D

Acq: 21 Jul 2020 22:51

Instrument :

MSVOA_Y

ClientSampled :

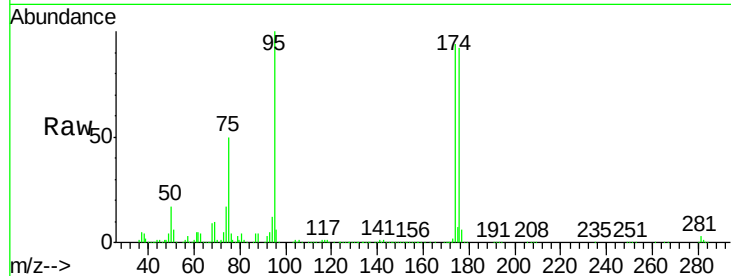
SAMPLE-1B

Tot Ion: 75 Resp: 138109

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

12.48

100000

80000

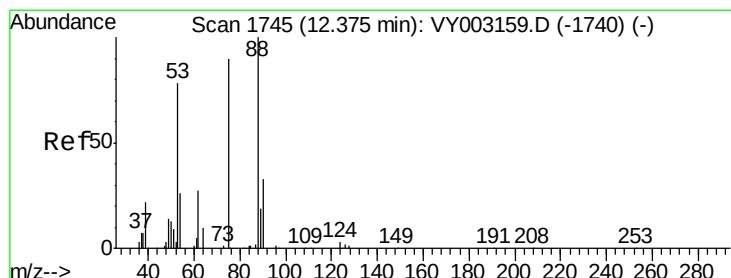
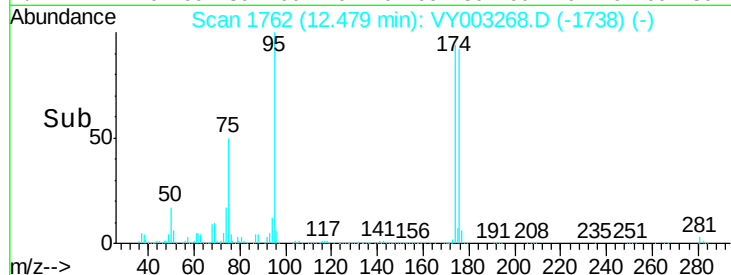
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 96.811 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003268.D

Acq: 21 Jul 2020 22:51

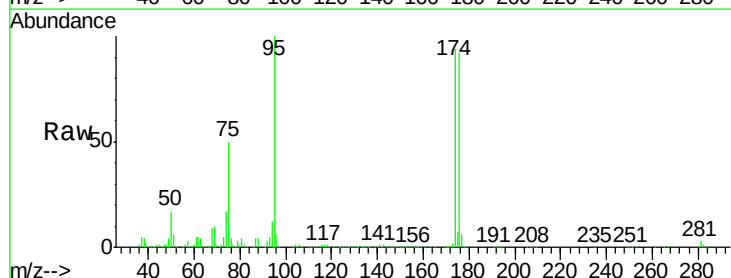
Tgt Ion: 75 Resp: 138109

Ion Ratio Lower Upper

75 100

53 0.2 72.0 108.0#

89 0.0 37.3 55.9#



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

12.48

120000

100000

80000

60000

40000

20000

0

Time-->

