

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002118.D
 Acq On : 27 Mar 2020 19:59
 Operator : SY/MD
 Sample : L2055-03
 Misc : 6.42G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-(1-3)

Quant Time: Mar 30 03:27:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	119449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	233239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	210230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	78824	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	77945	59.03	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	118.06%	
35) Dibromofluoromethane	7.73	113	68628	52.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.02%	
50) Toluene-d8	10.19	98	285759	52.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.49	95	89525	47.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.30%	

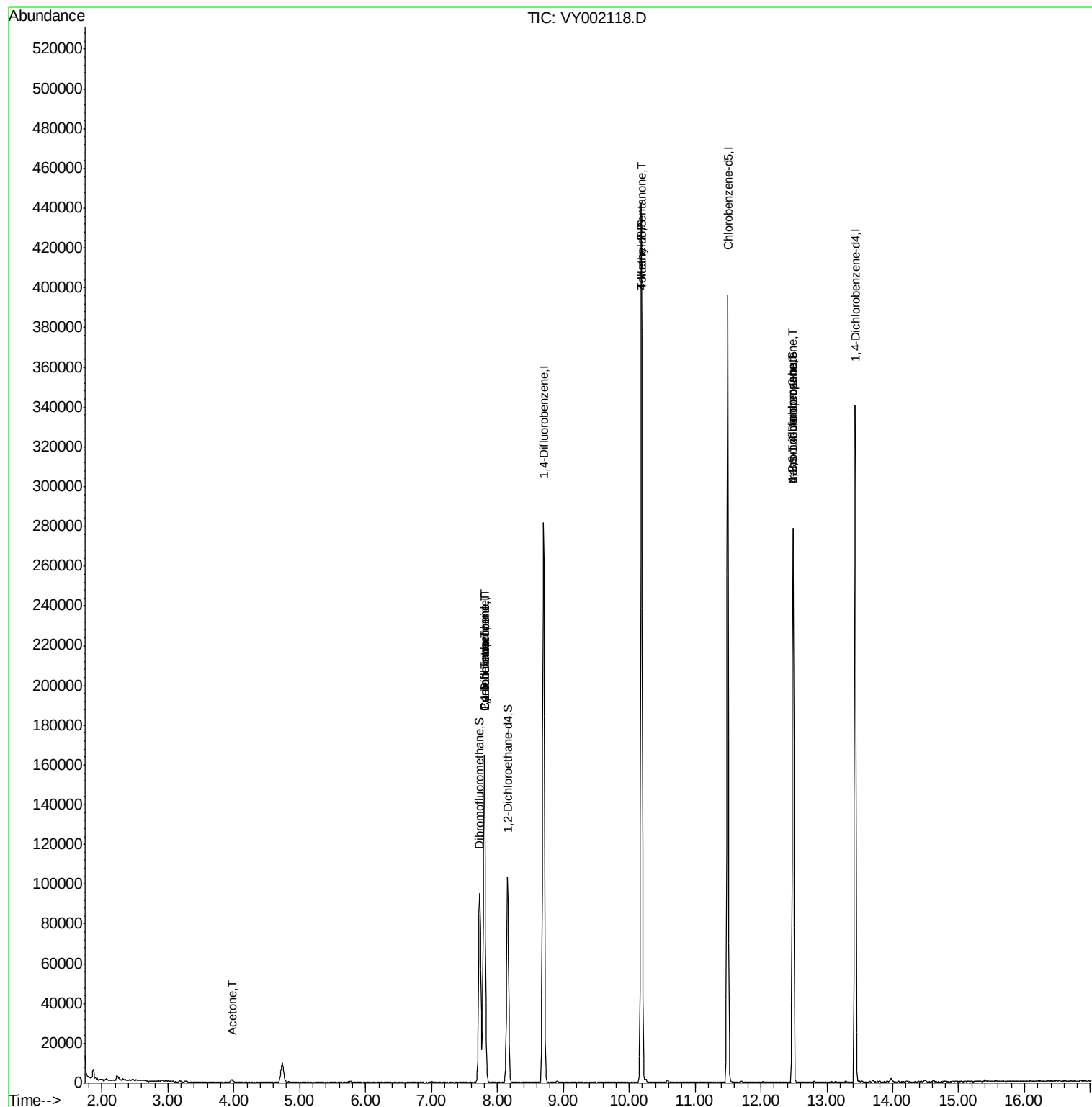
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.89	85	47	Below Cal	#	43
16) Acetone	3.97	43	2800	7.547	ug/l #	80
20) Methylene Chloride	4.74	84	7334	Below Cal		93
31) Cyclohexane	7.80	56	2837	1.031	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10624	4.816	ug/l #	50
38) Carbon Tetrachloride	7.80	117	12805	6.841	ug/l #	15
51) 4-Methyl-2-Pentanone	10.19	43	1301	1.021	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	47491	53.862	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	47491	104.349	ug/l #	17

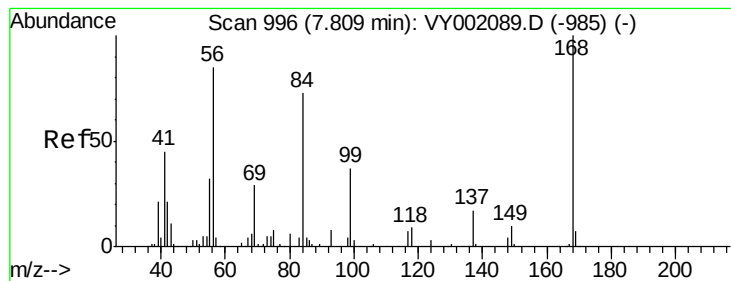
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 07:11:05 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002118.D

Acq: 27 Mar 2020 19:59

Instrument :

MSVOA_Y

ClientSampleId :

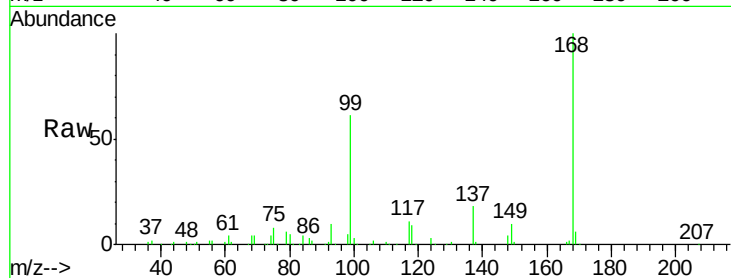
SB-6-(1-3)

Tgt Ion:168 Resp: 119449

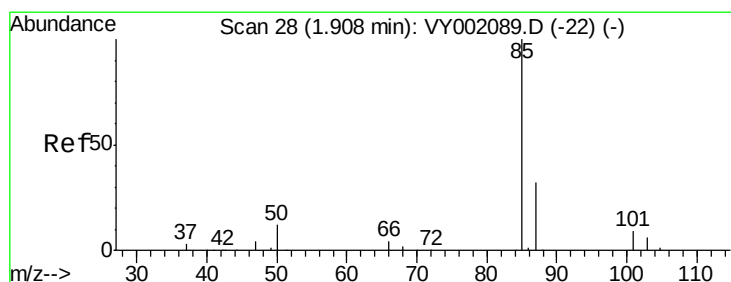
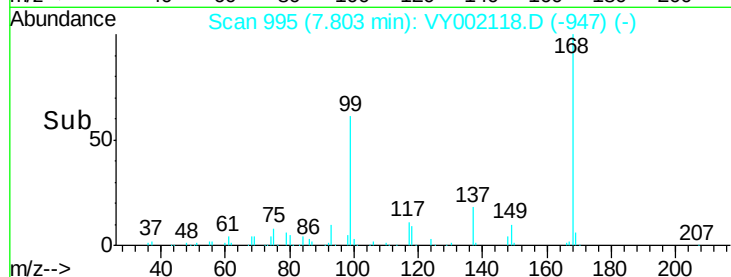
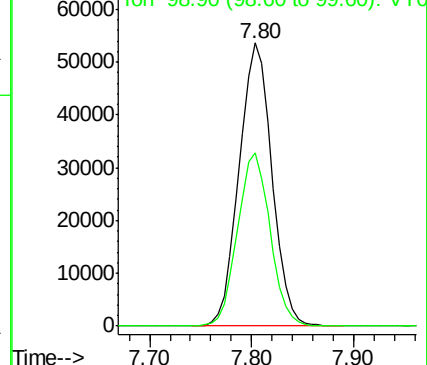
Ion Ratio Lower Upper

168 100

99 61.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002118.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.89 min Scan# 25

Delta R.T. -0.02 min

Lab File: VY002118.D

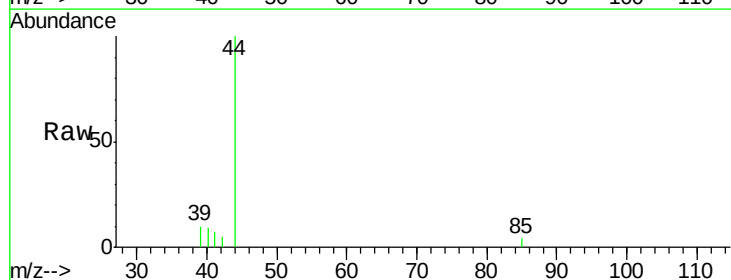
Acq: 27 Mar 2020 19:59

Tgt Ion: 85 Resp: 47

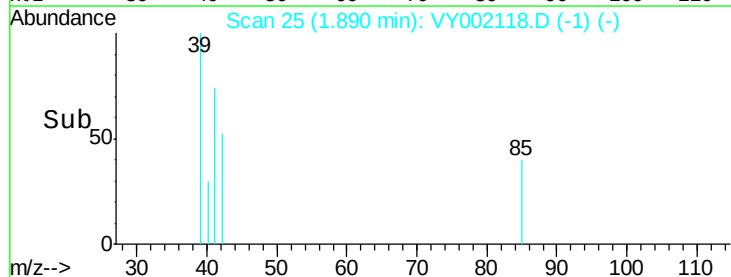
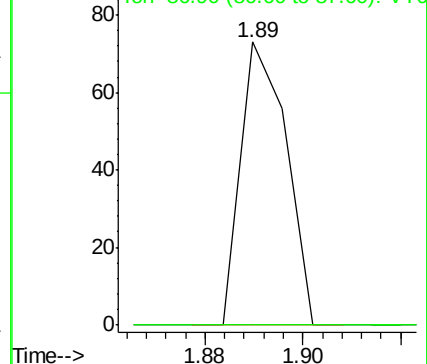
Ion Ratio Lower Upper

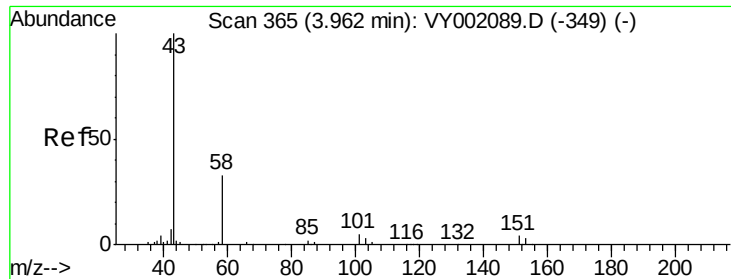
85 100

87 0.0 16.0 48.0#



Abundance Ion 84.90 (84.60 to 85.60): VY002118.D (-1) (-)





#16

Acetone

Concen: 7.547 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002118.D

Acq: 27 Mar 2020 19:59

Instrument :

MSVOA_Y

ClientSampleId :

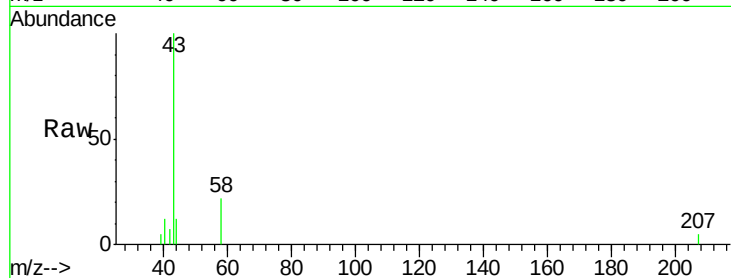
SB-6-(1-3)

Tgt Ion: 43 Resp: 2800

Ion Ratio Lower Upper

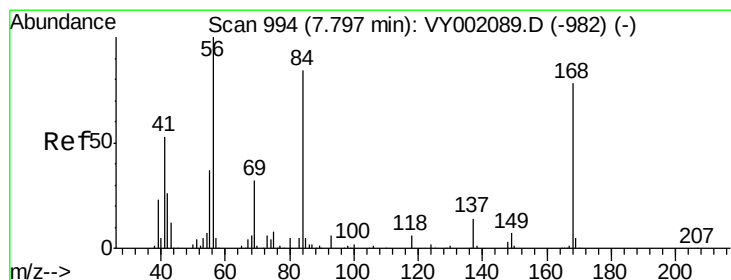
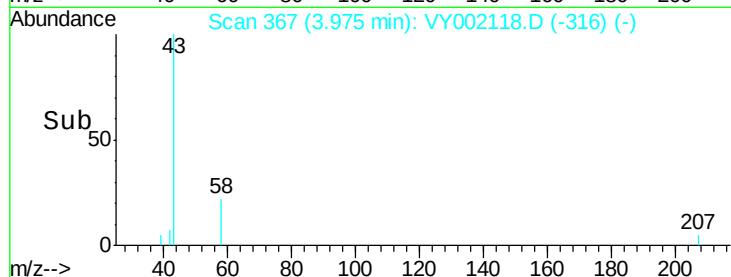
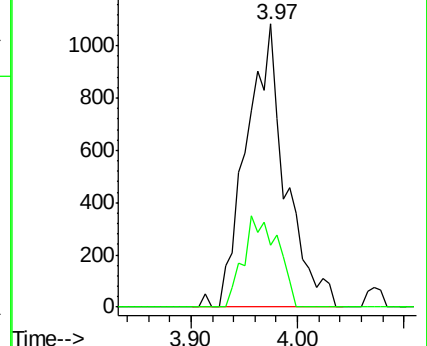
43 100

58 21.9 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#31

Cyclohexane

Concen: 1.031 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002118.D

Acq: 27 Mar 2020 19:59

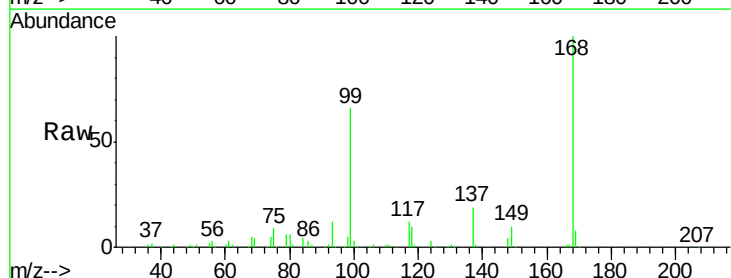
Tgt Ion: 56 Resp: 2837

Ion Ratio Lower Upper

56 100

69 142.5 25.8 38.8#

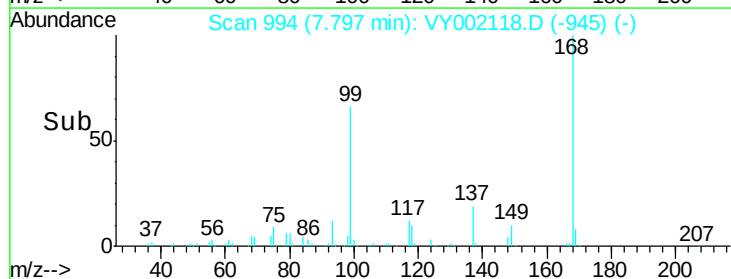
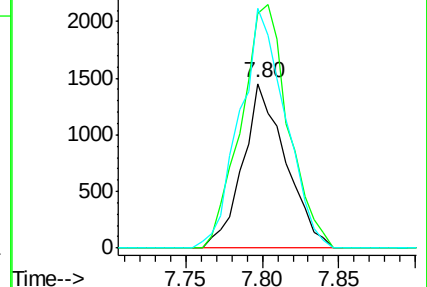
84 145.4 67.1 100.7#

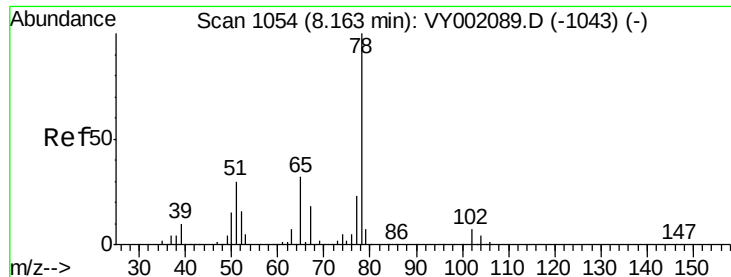


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0





#33

1,2-Dichloroethane-d4

Concen: 59.028 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002118.D

Acq: 27 Mar 2020 19:59

Instrument :

MSVOA_Y

ClientSampleId :

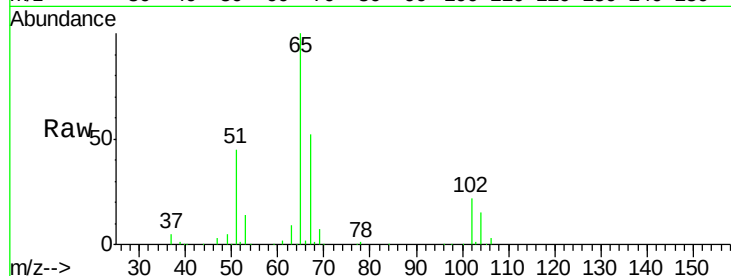
SB-6-(1-3)

Tgt Ion: 65 Resp: 77945

Ion Ratio Lower Upper

65 100

67 54.4 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

40000

30000

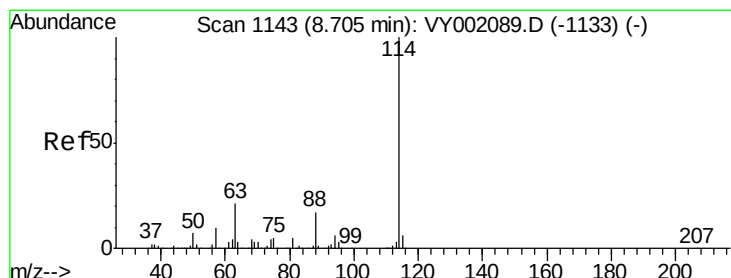
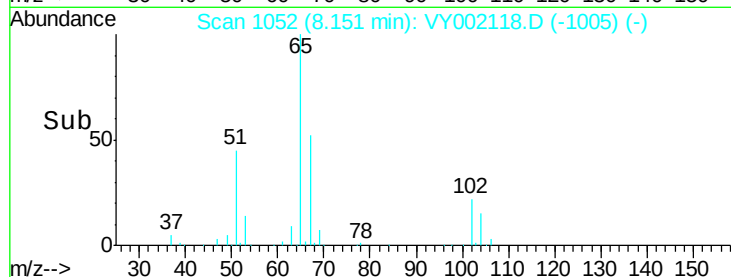
20000

10000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002118.D

Acq: 27 Mar 2020 19:59

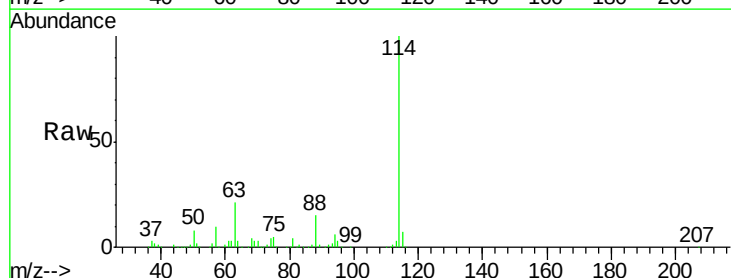
Tgt Ion: 114 Resp: 233239

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

88 15.0 0.0 33.0



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

8.70

150000

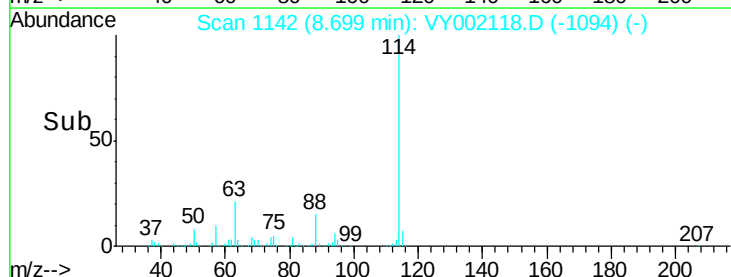
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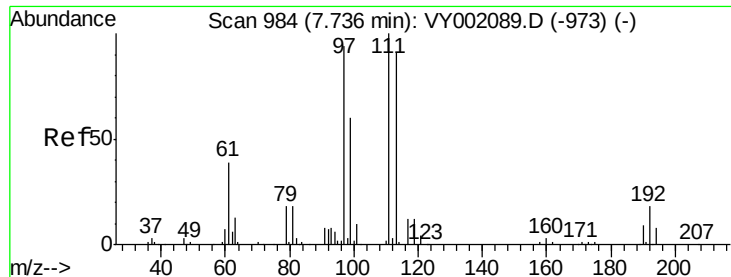
50000

0

8.60 8.70 8.80

Time-->

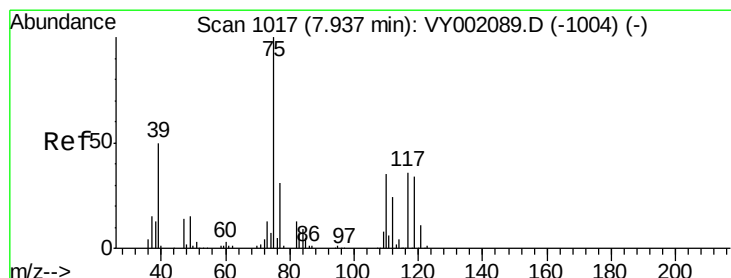
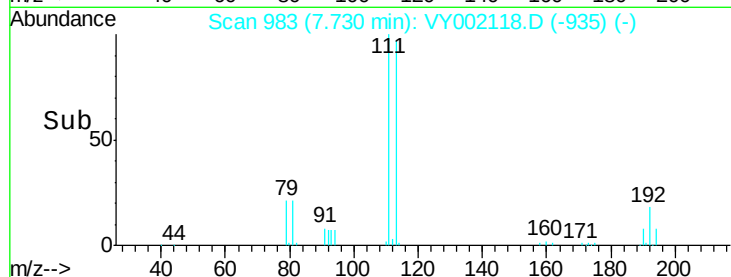
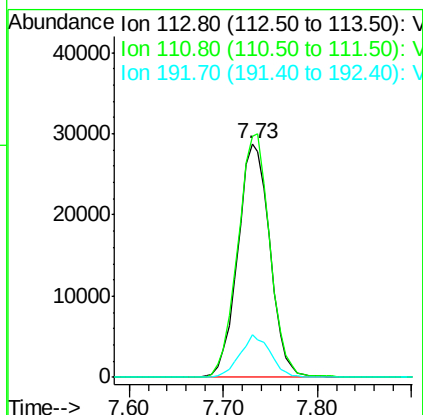
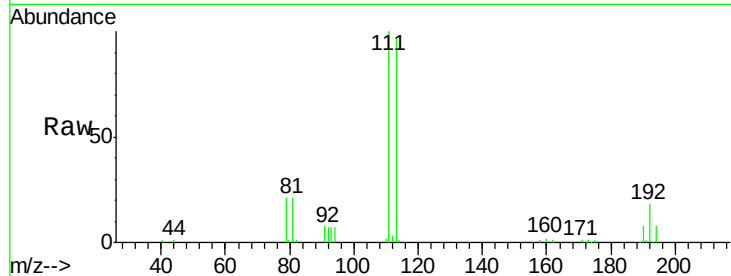




#35
 Dibromofluoromethane
 Concen: 52.513 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002118.D
 Acq: 27 Mar 2020 19:59

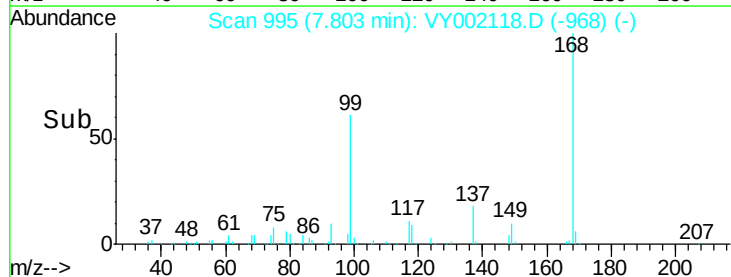
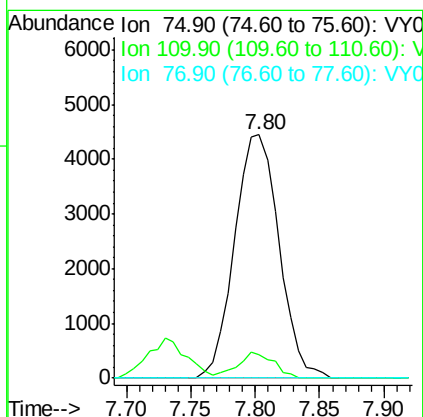
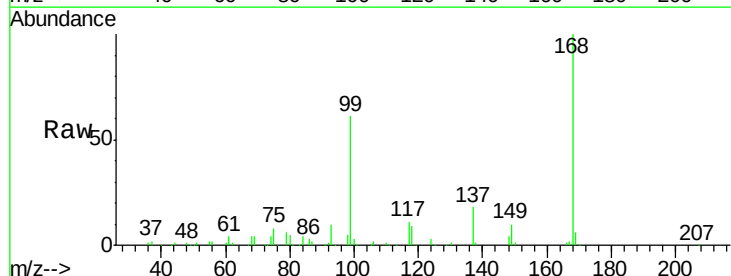
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-(1-3)

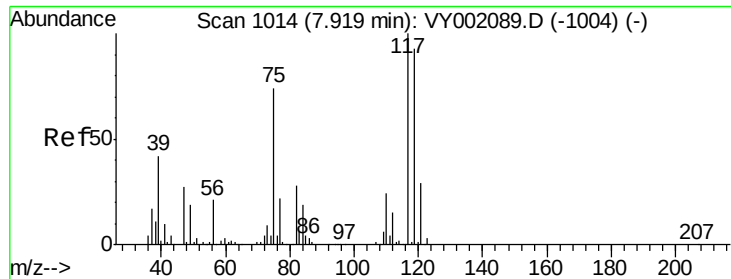
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	84.4	126.6
192	17.3	14.6	21.8



#36
 1,1-Dichloropropene
 Concen: 4.816 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002118.D
 Acq: 27 Mar 2020 19:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.2	51.6#
77	0.0	24.7	37.1#

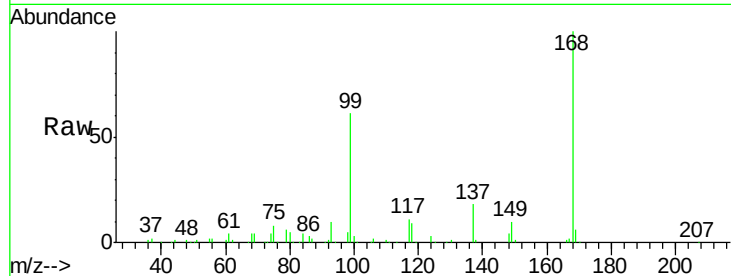




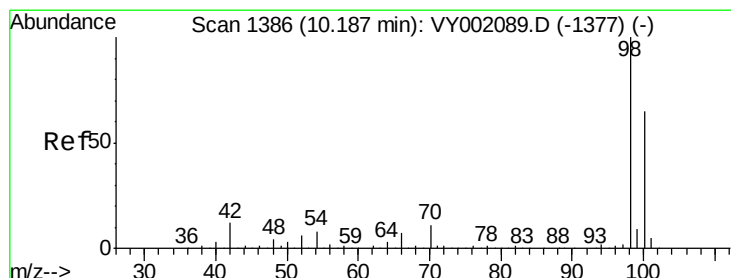
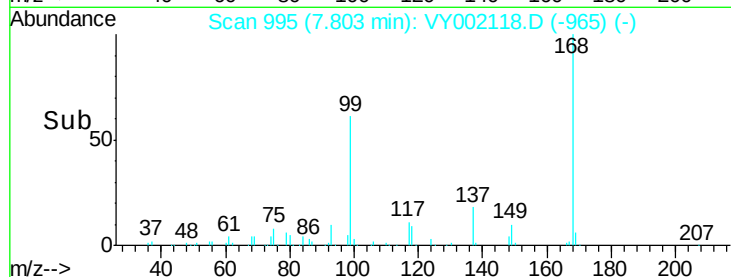
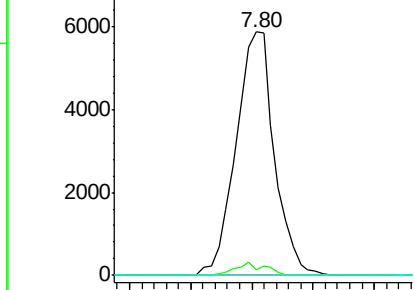
#38
Carbon Tetrachloride
Concen: 6.841 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002118.D
Acq: 27 Mar 2020 19:59

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(1-3)

Tgt Ion: 117 Resp: 12805
Ion Ratio Lower Upper
117 100
119 2.4 74.3 111.5#
121 0.0 23.3 34.9#

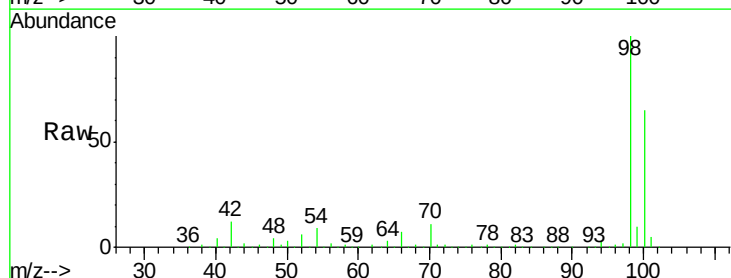


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

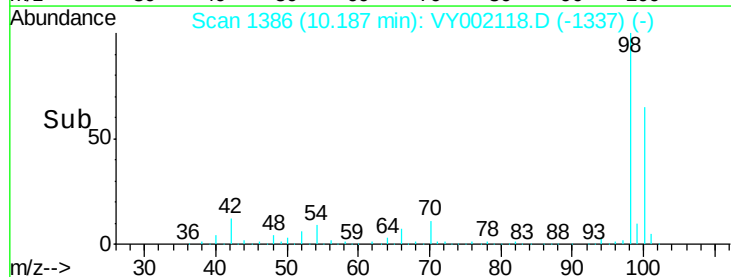
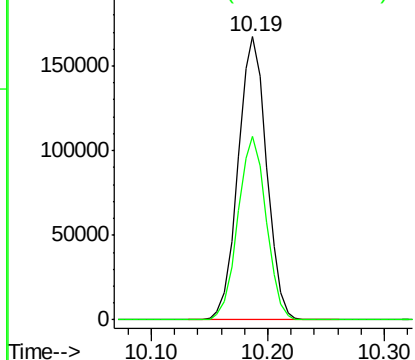


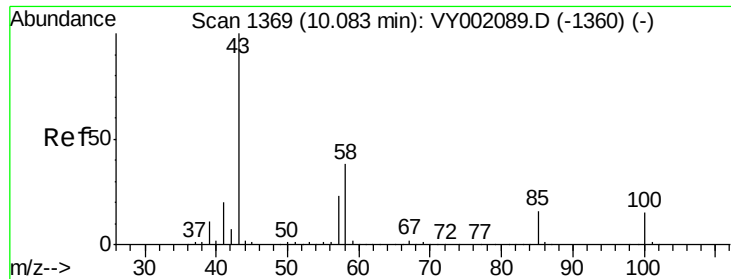
#50
Toluene-d8
Concen: 52.635 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002118.D
Acq: 27 Mar 2020 19:59

Tgt Ion: 98 Resp: 285759
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

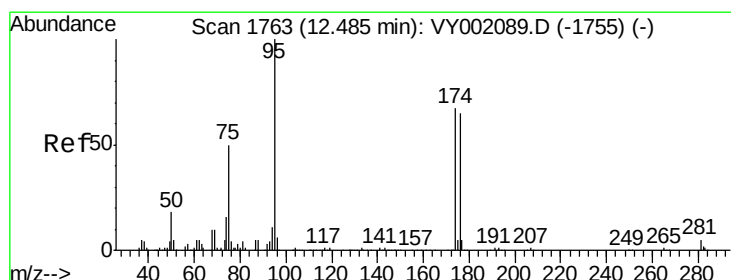
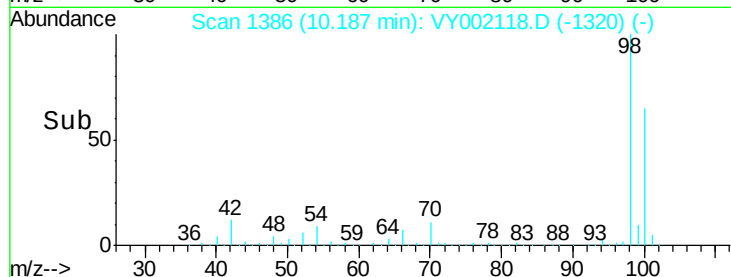
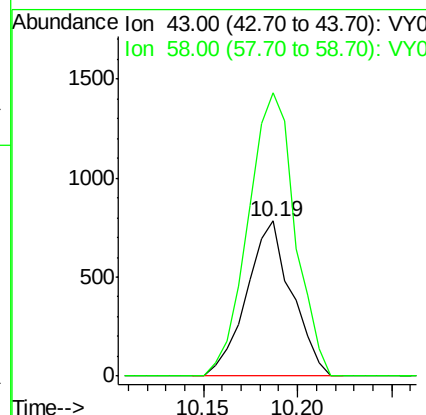
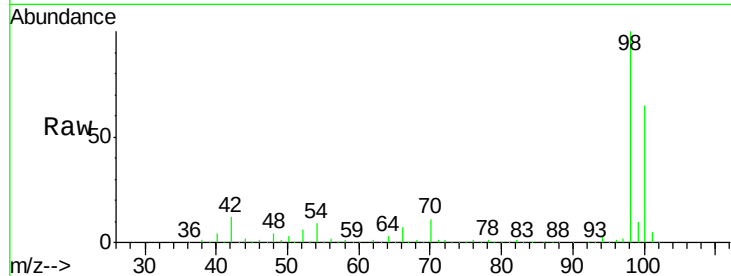




#51
4-Methyl-2-Pentanone
Concen: 1.021 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.10 min
Lab File: VY002118.D
Acq: 27 Mar 2020 19:59

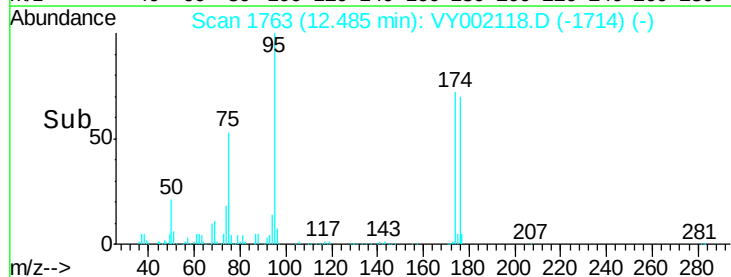
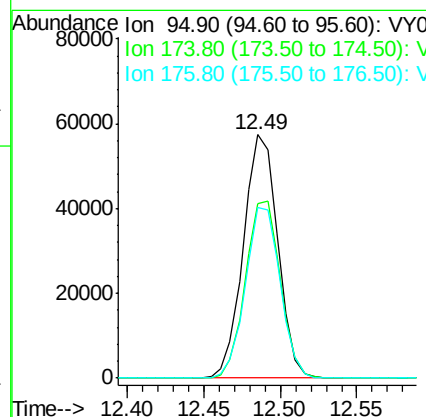
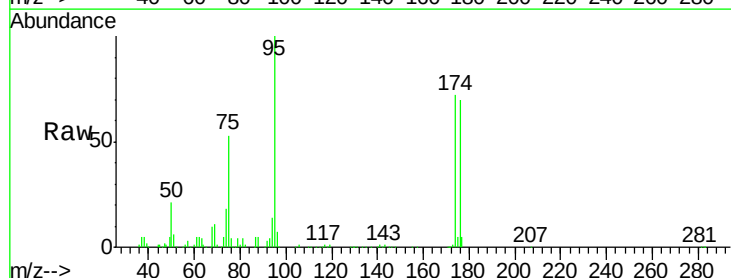
Instrument :
MSVOA_Y
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SB-6-(1-3)

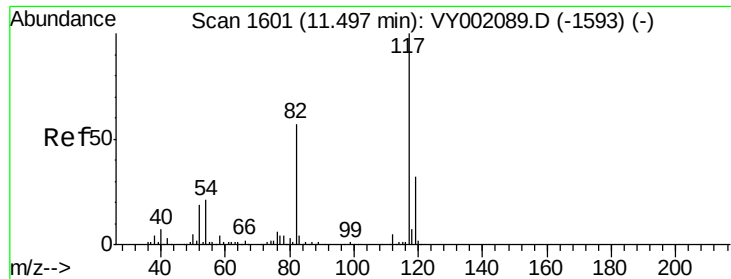
Tgt Ion: 43 Resp: 1301
Ion Ratio Lower Upper
43 100
58 189.3 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 47.150 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002118.D
Acq: 27 Mar 2020 19:59

Tgt Ion: 95 Resp: 89525
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.4
176 71.0 0.0 137.0

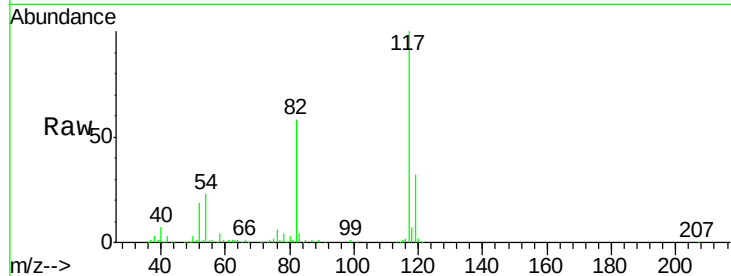




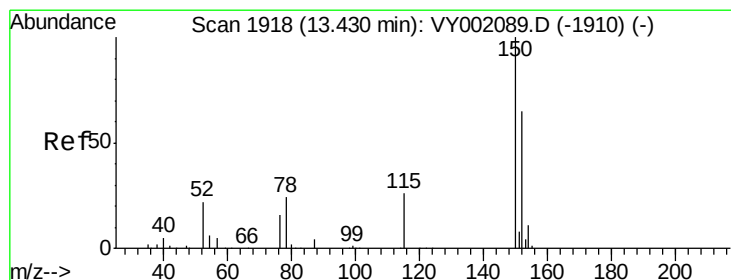
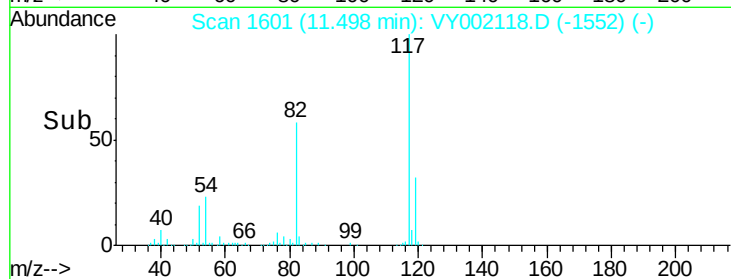
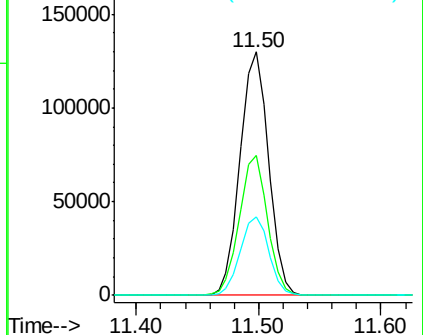
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002118.D
Acq: 27 Mar 2020 19:59

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(1-3)

Tgt Ion:117 Resp: 210230
Ion Ratio Lower Upper
117 100
82 57.7 45.4 68.2
119 32.0 25.3 37.9

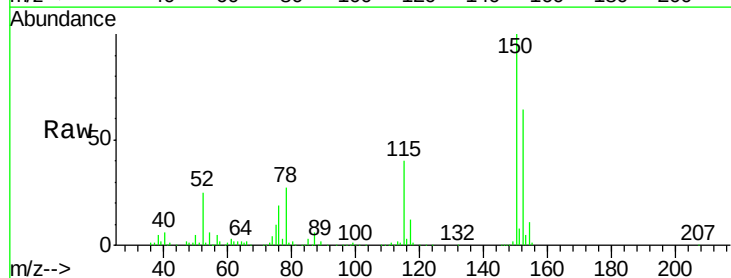


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

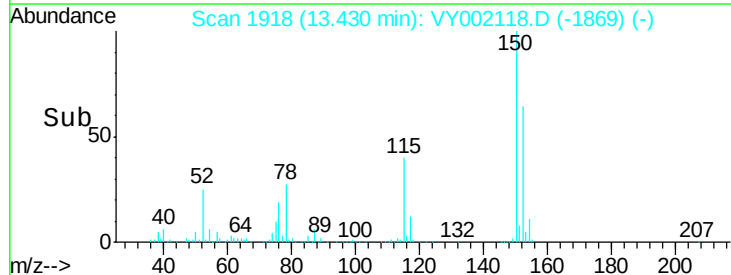
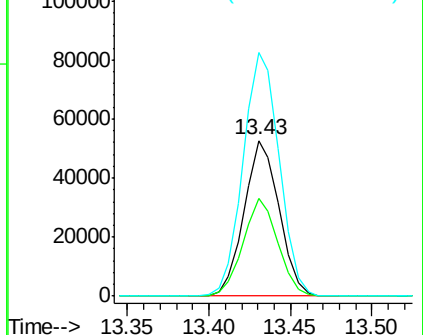


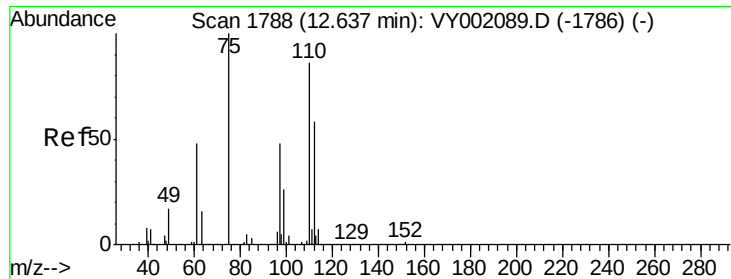
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002118.D
Acq: 27 Mar 2020 19:59

Tgt Ion:152 Resp: 78824
Ion Ratio Lower Upper
152 100
115 62.4 31.2 93.6
150 161.4 0.0 354.8



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

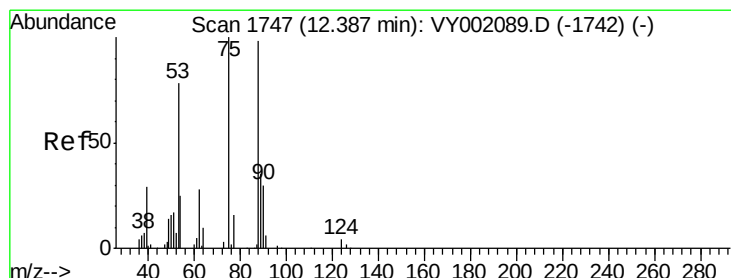
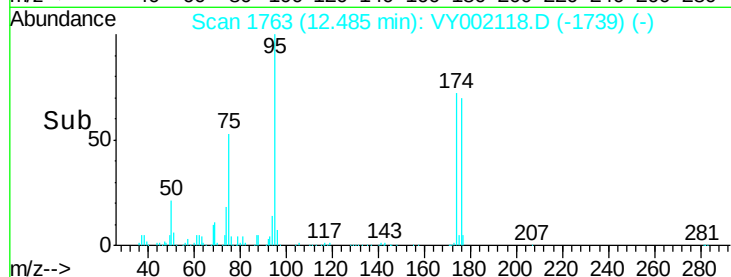
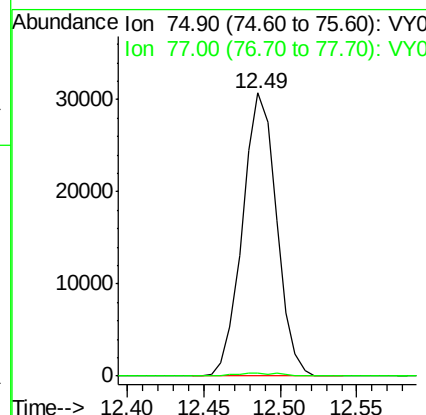
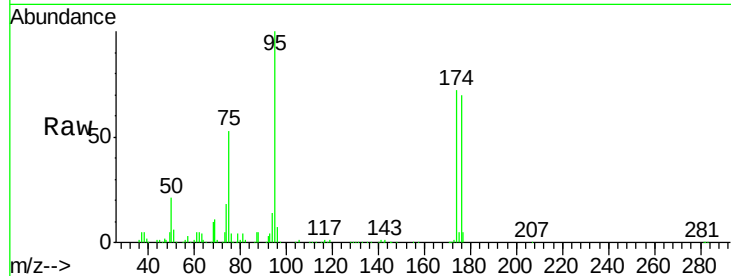




#76
 1,2,3-Trichloropropane
 Concen: 53.862 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002118.D
 Acq: 27 Mar 2020 19:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-(1-3)

Tgt Ion: 75 Resp: 47491
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.349 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002118.D
 Acq: 27 Mar 2020 19:59

Tgt Ion: 75 Resp: 47491
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.0 97.4#
 89 0.1 33.4 50.0#

