

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002119.D
 Acq On : 27 Mar 2020 20:22
 Operator : SY/MD
 Sample : L2055-04
 Misc : 6.26G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-(10-12)

Quant Time: Mar 30 03:28:01 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	7.81	168	119236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	232838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	209100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	82917	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	77048	58.45	ug/l	0.00
Spiked Amount			Recovery	=	116.90%	
35) Dibromofluoromethane	7.74	113	68787	52.73	ug/l	0.00
Spiked Amount			Recovery	=	105.46%	
50) Toluene-d8	10.19	98	282064	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.49	95	89093	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	

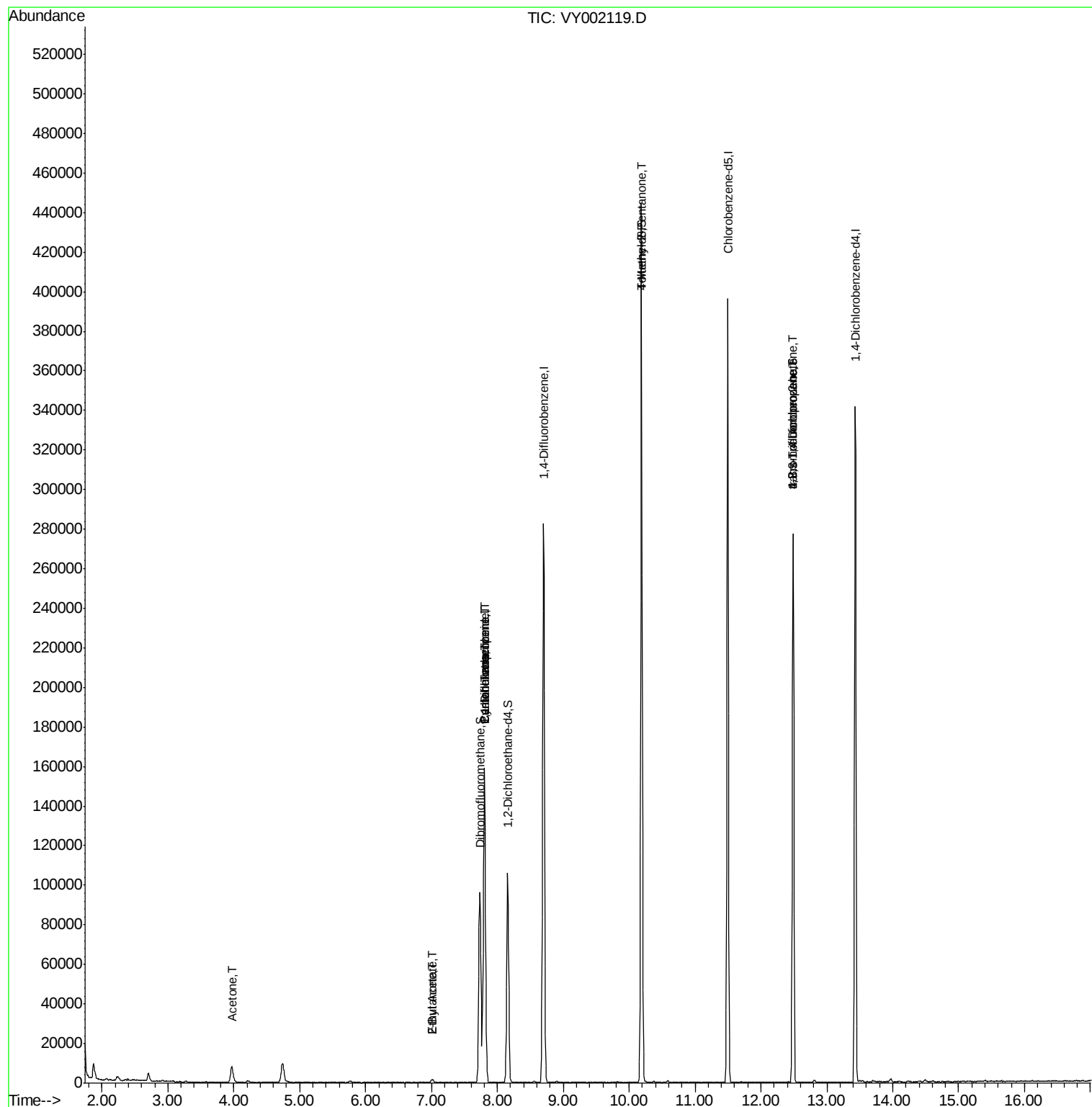
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.97	43	14800	39.965	ug/l	96
20) Methylene Chloride	4.74	84	7393	Below Cal		95
25) 2-Butanone	7.01	43	2779	4.887	ug/l	94
31) Cyclohexane	7.80	56	2808	1.023	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10121	4.596	ug/l #	51
37) Ethyl Acetate	7.01	43	2779	2.088	ug/l #	68
38) Carbon Tetrachloride	7.80	117	12504	6.692	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	1558	1.225	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	47587	51.307	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	47587	99.399	ug/l #	17

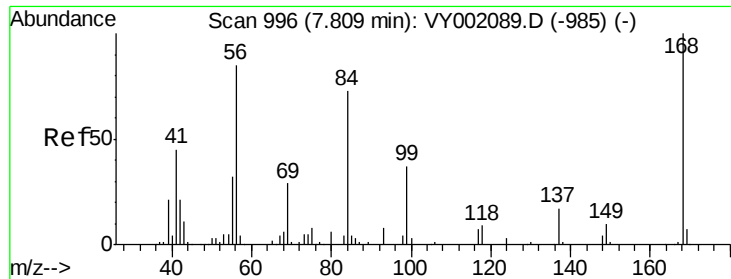
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
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QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002119.D

Acq: 27 Mar 2020 20:22

Instrument :

MSVOA_Y

ClientSampleId :

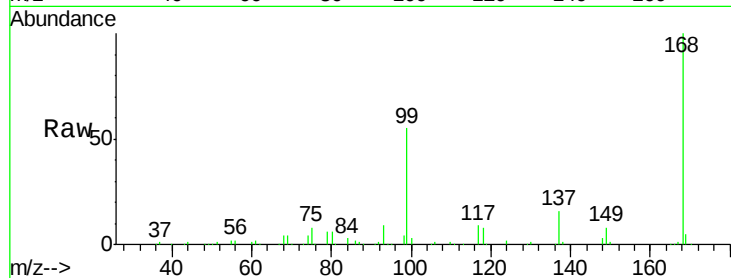
SB-6-(10-12)

Tgt Ion:168 Resp: 119236

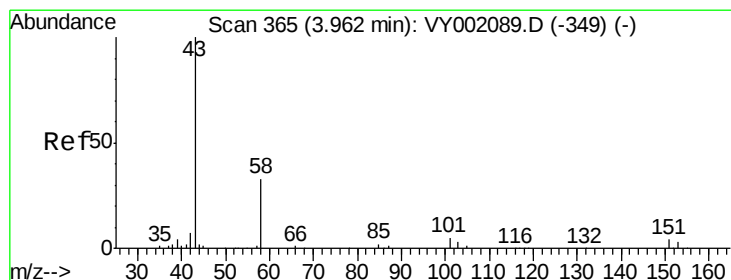
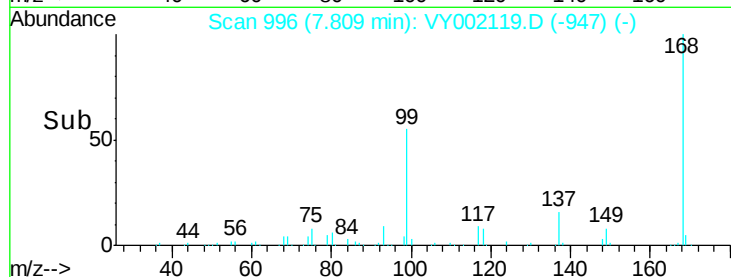
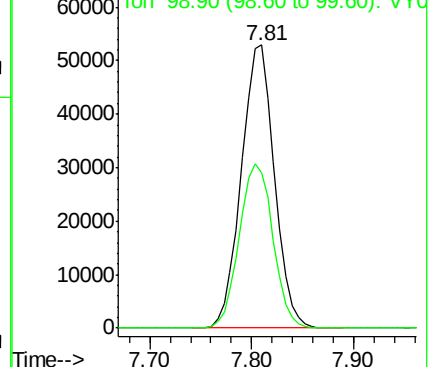
Ion Ratio Lower Upper

168 100

99 54.7 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002119.D (-947) (-)



#16

Acetone

Concen: 39.965 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002119.D

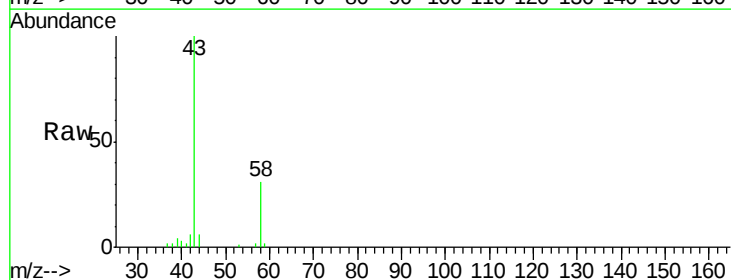
Acq: 27 Mar 2020 20:22

Tgt Ion: 43 Resp: 14800

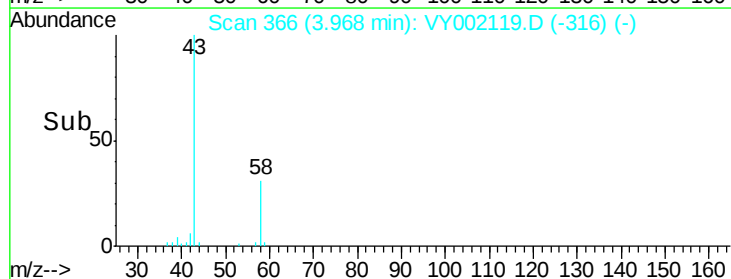
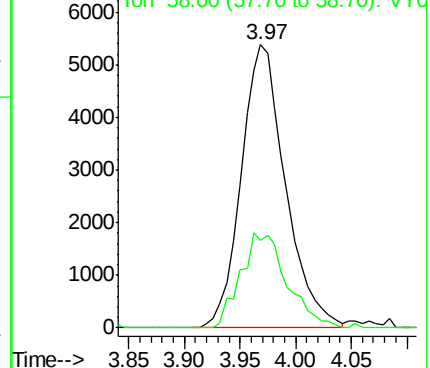
Ion Ratio Lower Upper

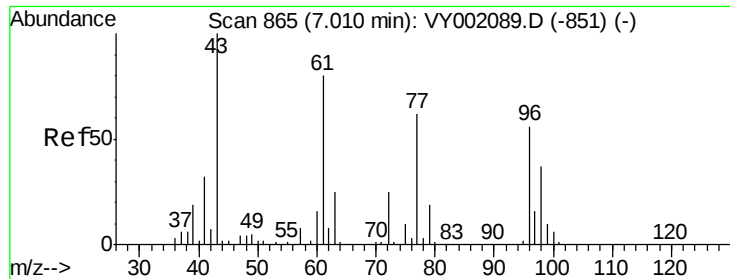
43 100

58 30.9 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002119.D (-316) (-)

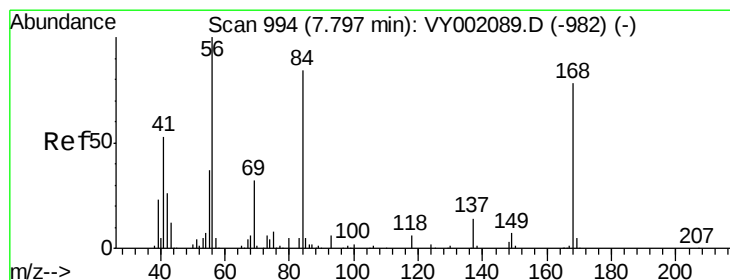
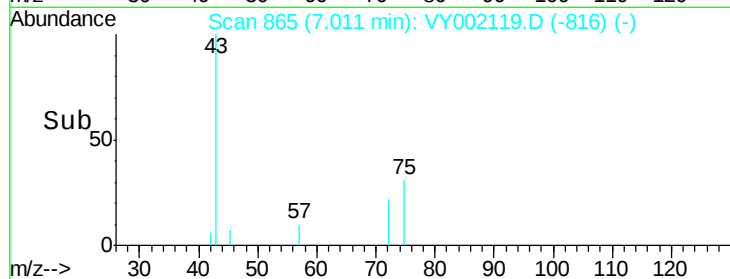
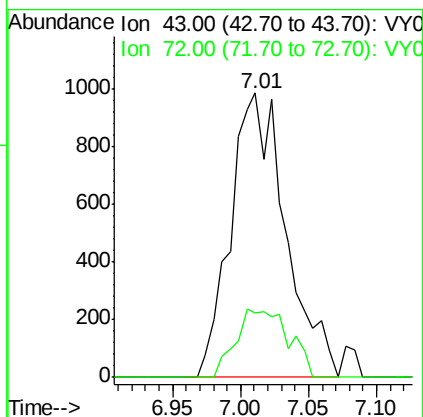
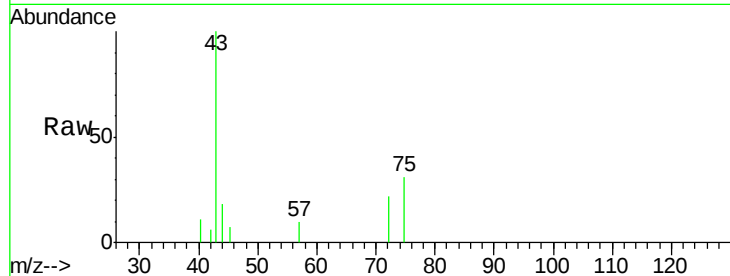




#25
2-Butanone
Concen: 4.887 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.00 min
Lab File: VY002119.D
Acq: 27 Mar 2020 20:22

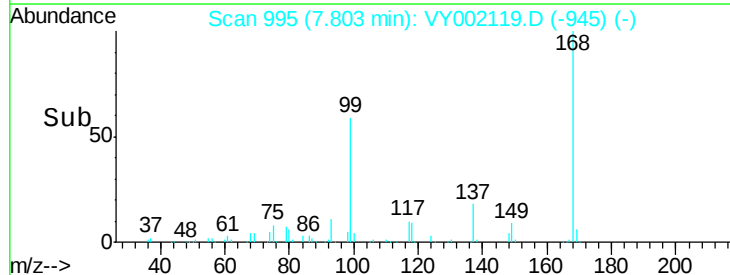
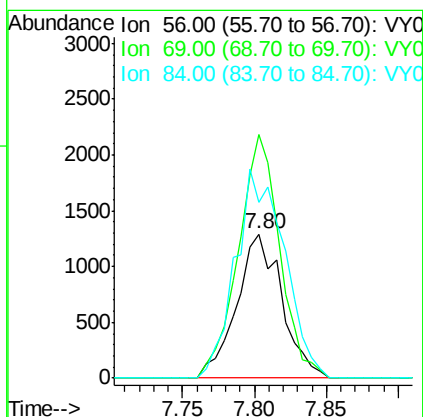
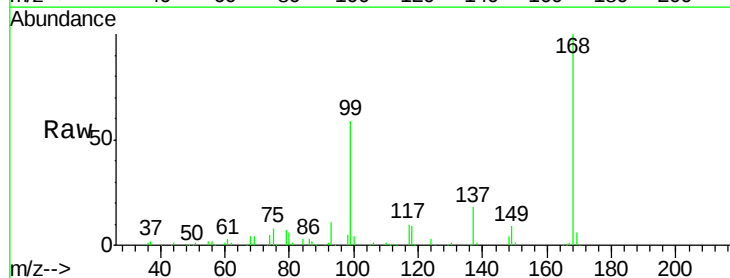
Instrument :
MSVOA_Y
ClientSampled :
SB-6-(10-12)

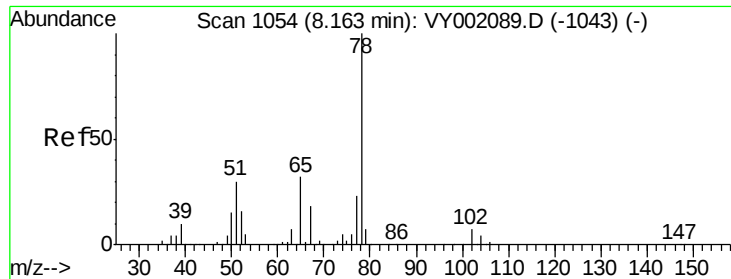
Tgt Ion: 43 Resp: 2779
Ion Ratio Lower Upper
43 100
72 22.3 20.2 30.2



#31
Cyclohexane
Concen: 1.023 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002119.D
Acq: 27 Mar 2020 20:22

Tgt Ion: 56 Resp: 2808
Ion Ratio Lower Upper
56 100
69 169.4 25.8 38.8#
84 122.3 67.1 100.7#

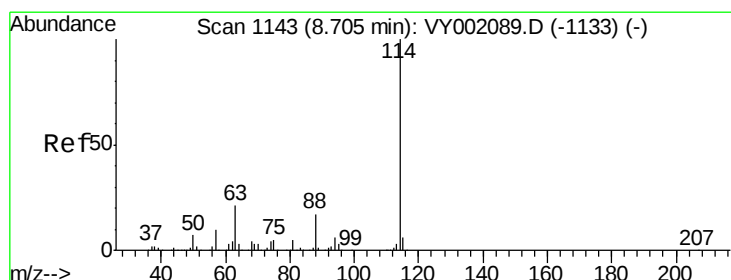
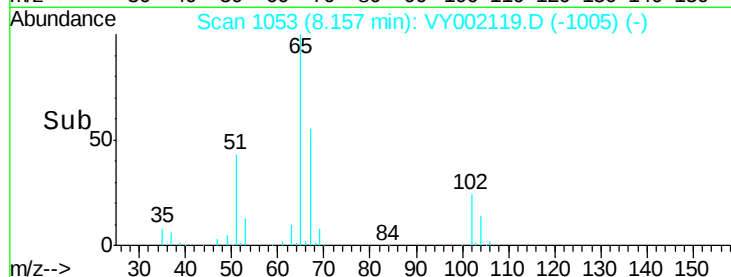
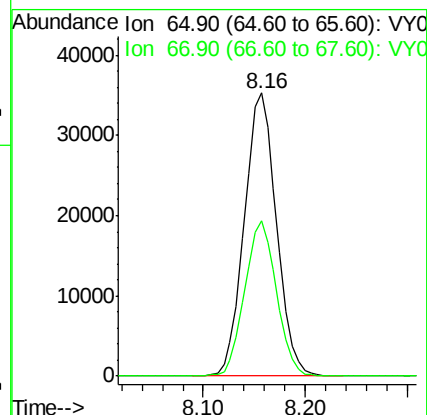
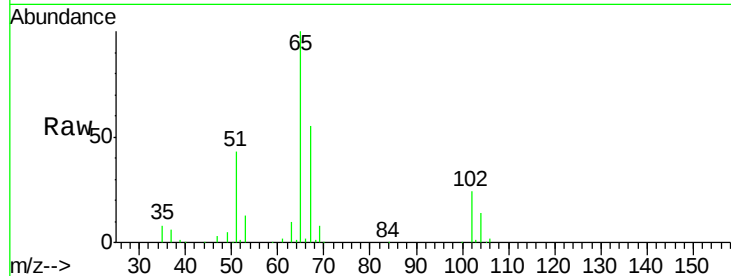




#33
 1,2-Dichloroethane-d4
 Concen: 58.453 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002119.D
 Acq: 27 Mar 2020 20:22

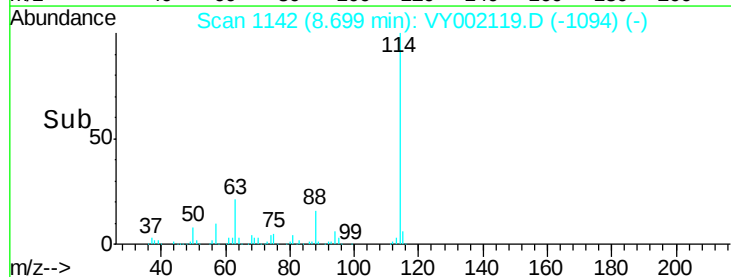
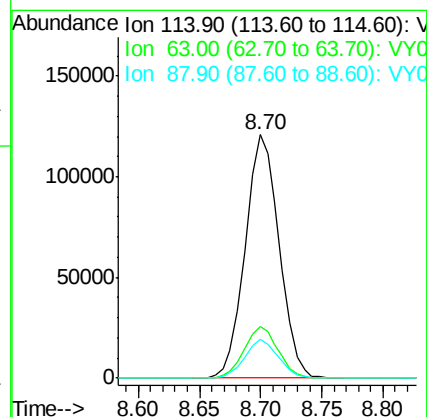
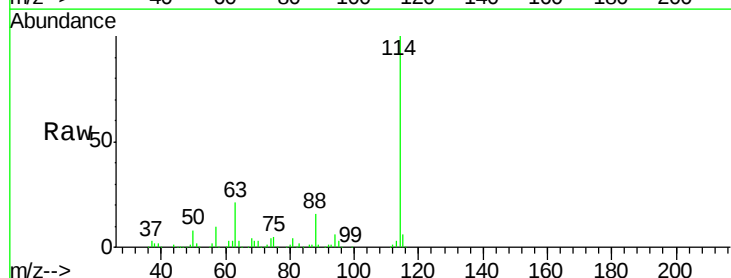
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-(10-12)

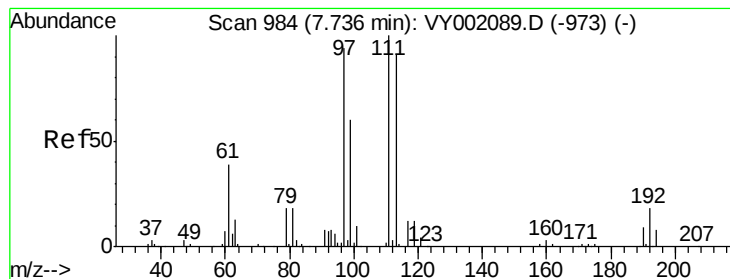
Tgt Ion: 65 Resp: 77048
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002119.D
 Acq: 27 Mar 2020 20:22

Tgt Ion: 114 Resp: 232838
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.4
 88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.725 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002119.D

Acq: 27 Mar 2020 20:22

Instrument :

MSVOA_Y

ClientSampleId :

SB-6-(10-12)

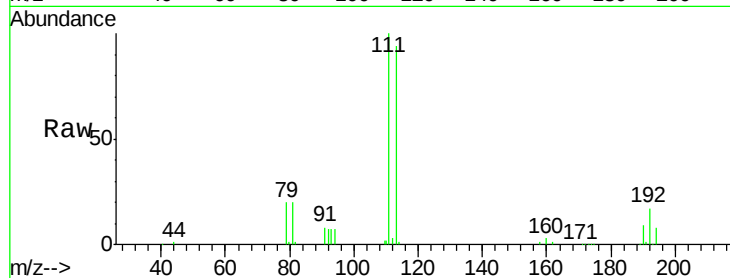
Tgt Ion:113 Resp: 68787

Ion Ratio Lower Upper

113 100

111 103.1 84.4 126.6

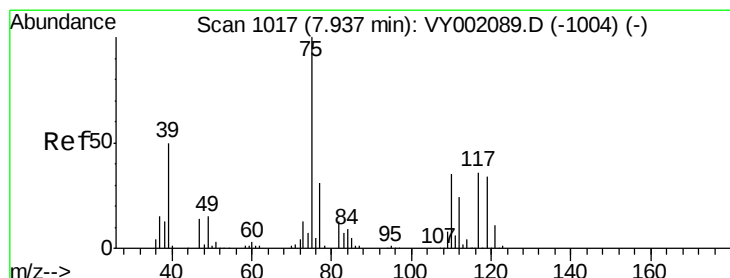
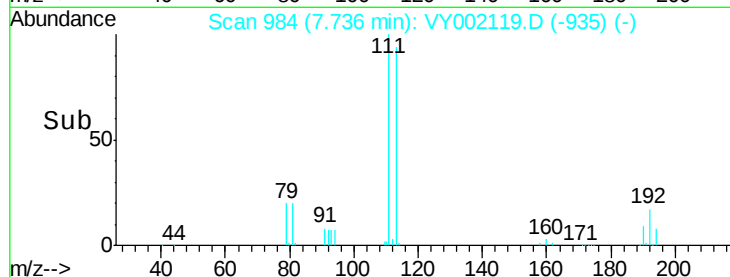
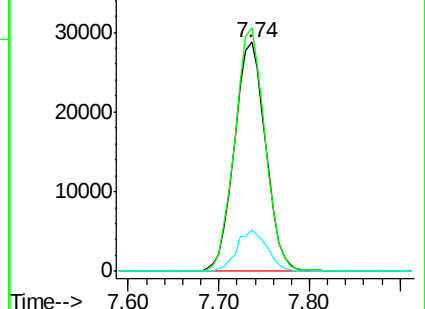
192 17.4 14.6 21.8



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: 4.596 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.14 min

Lab File: VY002119.D

Acq: 27 Mar 2020 20:22

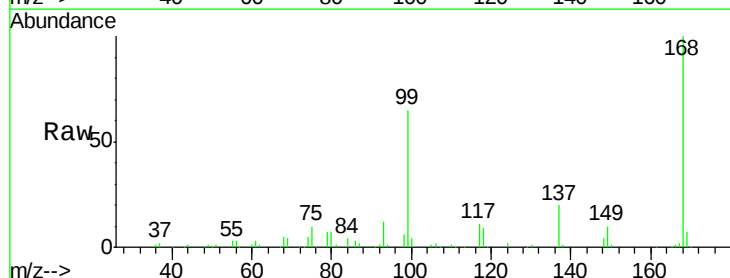
Tgt Ion: 75 Resp: 10121

Ion Ratio Lower Upper

75 100

110 9.9 17.2 51.6#

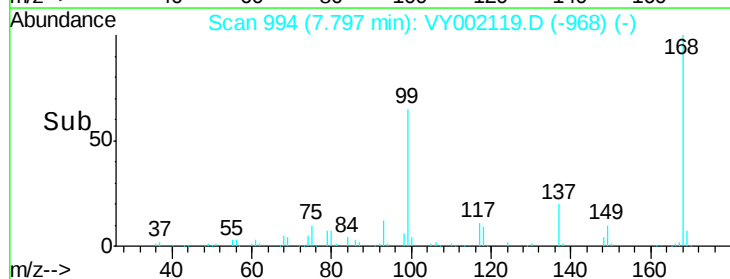
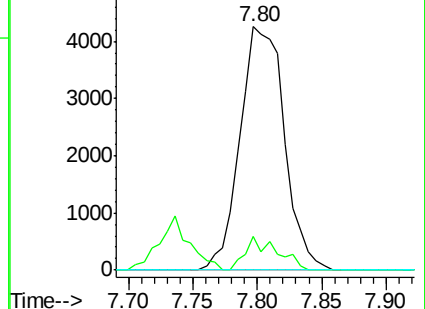
77 0.0 24.7 37.1#

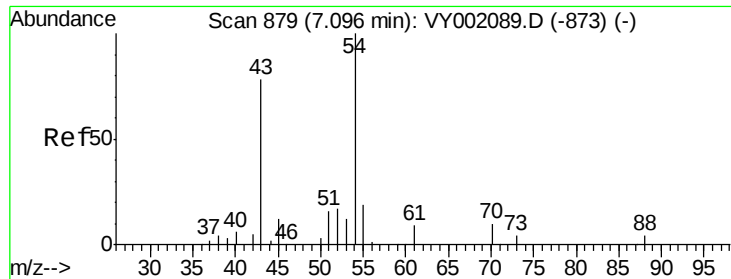


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

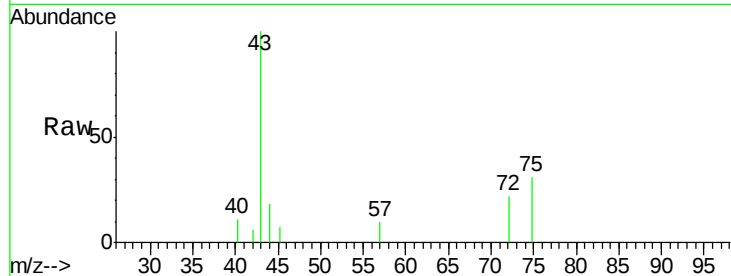




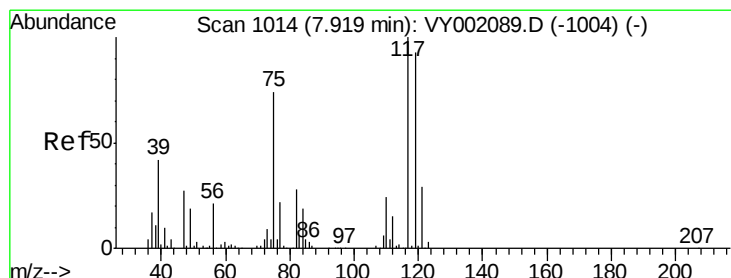
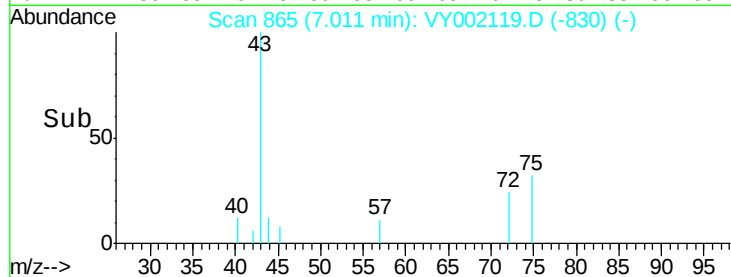
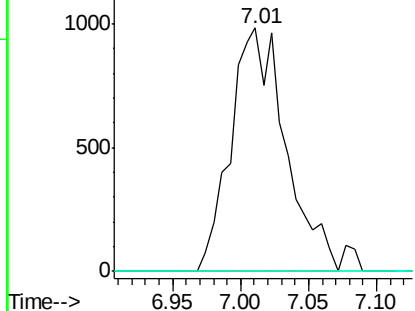
#37
Ethyl Acetate
Concen: 2.088 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.09 min
Lab File: VY002119.D
Acq: 27 Mar 2020 20:22

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(10-12)

Tgt Ion: 43 Resp: 2779
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 8.2 12.4#

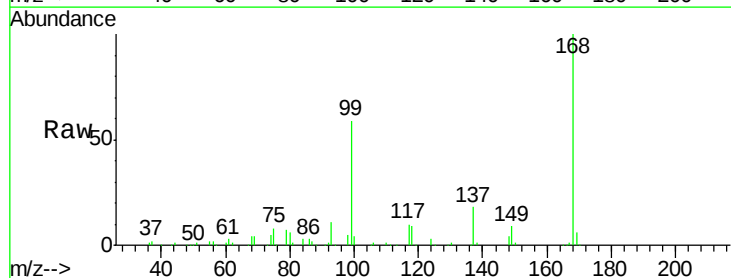


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

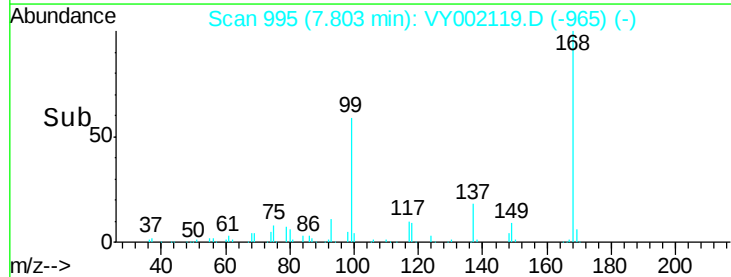
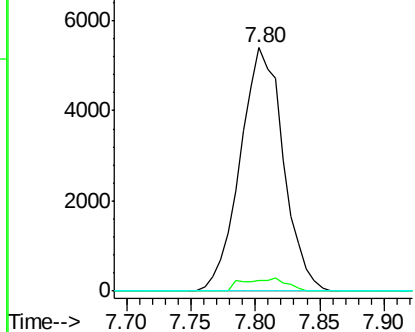


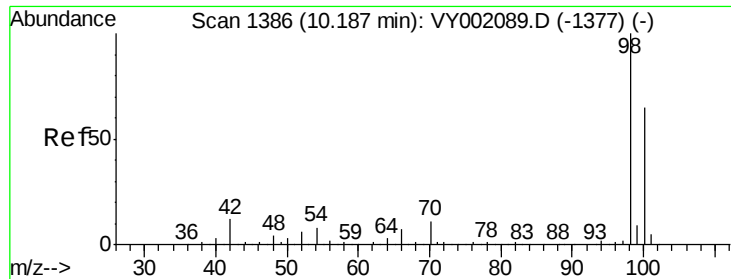
#38
Carbon Tetrachloride
Concen: 6.692 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002119.D
Acq: 27 Mar 2020 20:22

Tgt Ion: 117 Resp: 12504
Ion Ratio Lower Upper
117 100
119 4.2 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: 52.044 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002119.D

Acq: 27 Mar 2020 20:22

Instrument :

MSVOA_Y

ClientSampleId :

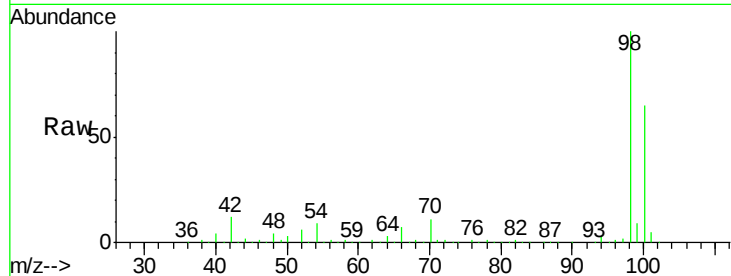
SB-6-(10-12)

Tgt Ion: 98 Resp: 282064

Ion Ratio Lower Upper

98 100

100 65.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002119.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002119.D (-1377) (-)

10.19

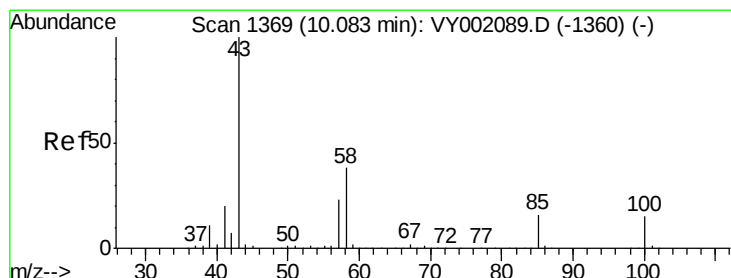
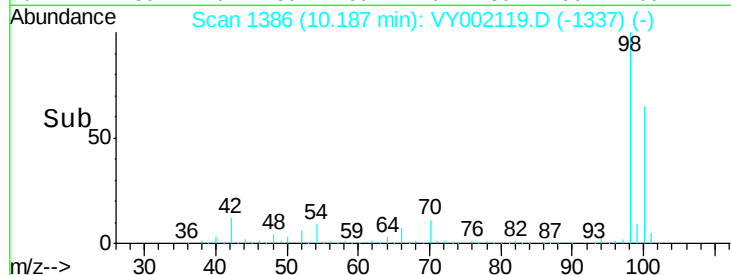
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.225 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY002119.D

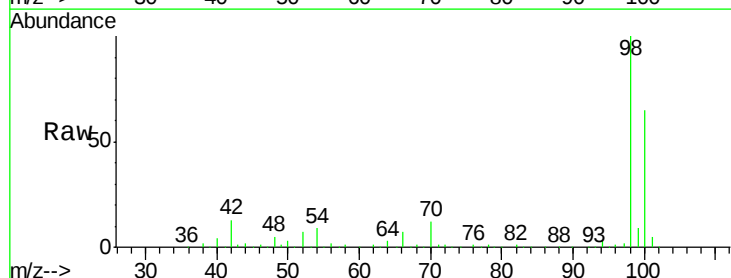
Acq: 27 Mar 2020 20:22

Tgt Ion: 43 Resp: 1558

Ion Ratio Lower Upper

43 100

58 174.8 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VY002119.D (-1320) (-)

Ion 58.00 (57.70 to 58.70): VY002119.D (-1320) (-)

2000

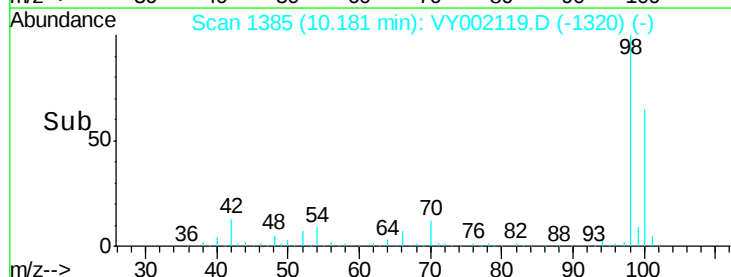
1500

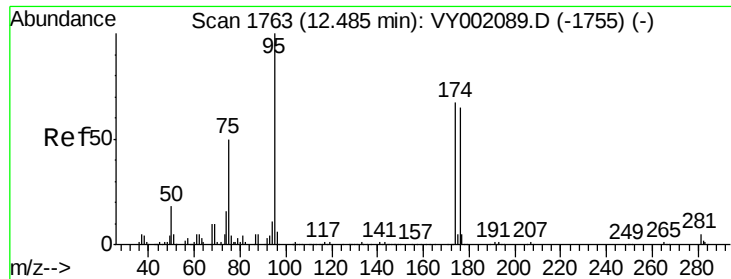
1000

500

0

Time-->

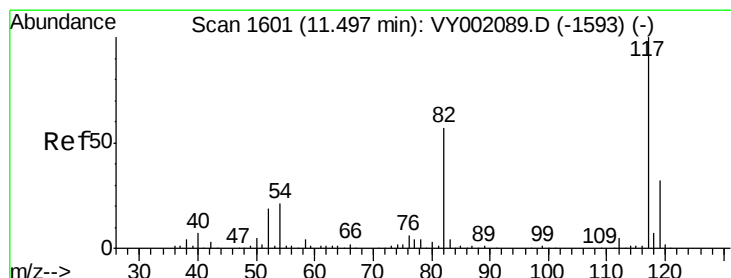
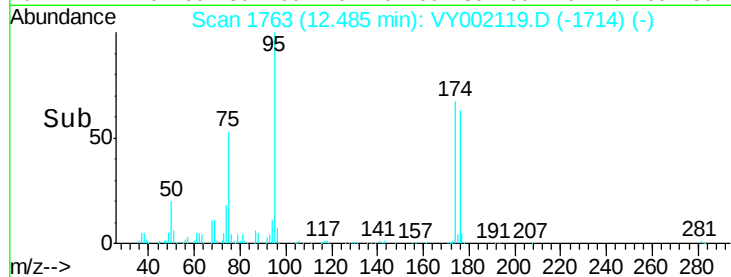
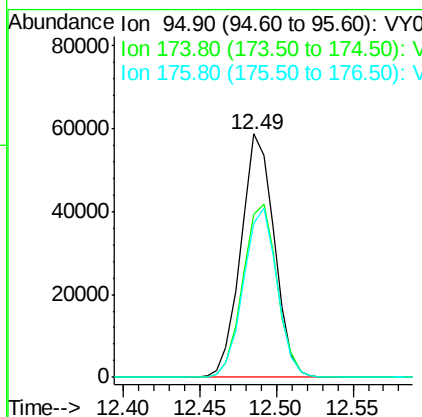
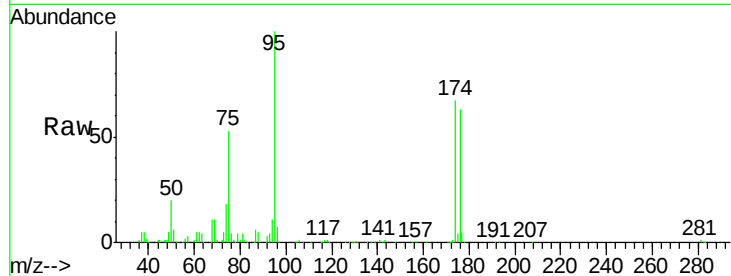




#62
4-Bromofluorobenzene
Concen: 47.003 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002119.D
Acq: 27 Mar 2020 20:22

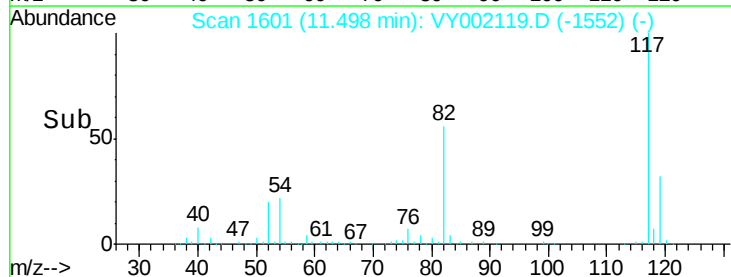
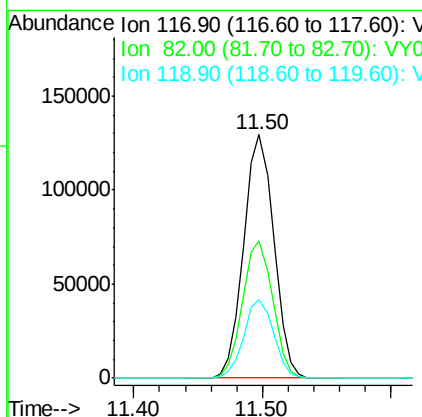
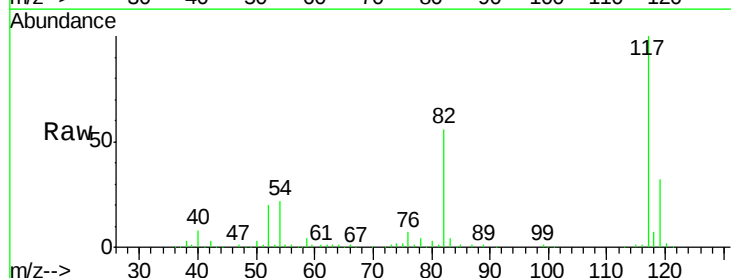
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(10-12)

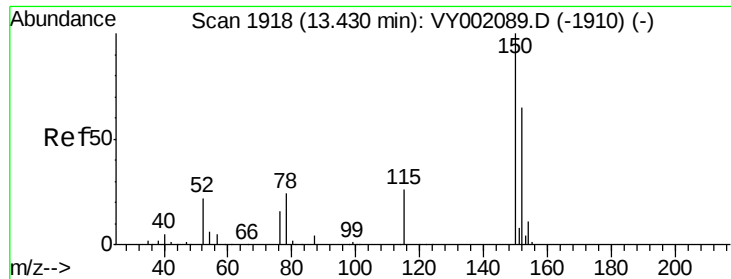
Tgt Ion: 95 Resp: 89093
Ion Ratio Lower Upper
95 100
174 72.8 0.0 143.4
176 69.9 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002119.D
Acq: 27 Mar 2020 20:22

Tgt Ion: 117 Resp: 209100
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 32.0 25.3 37.9



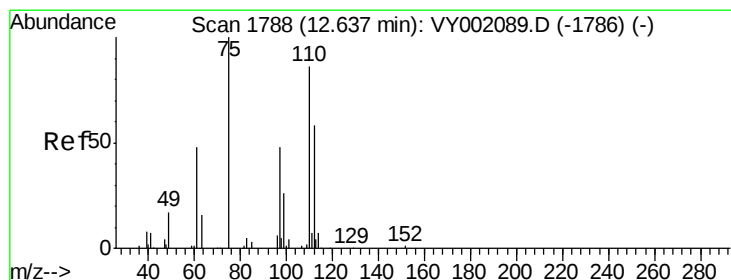
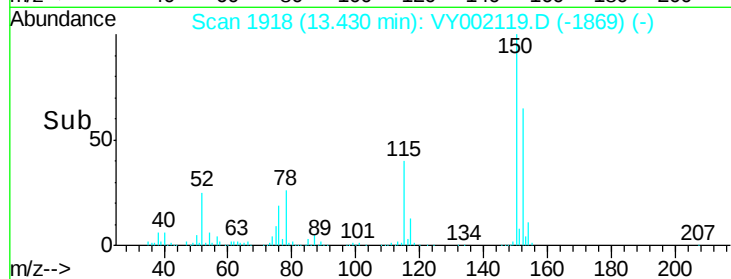
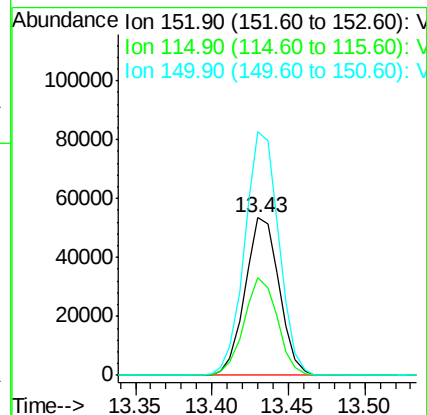
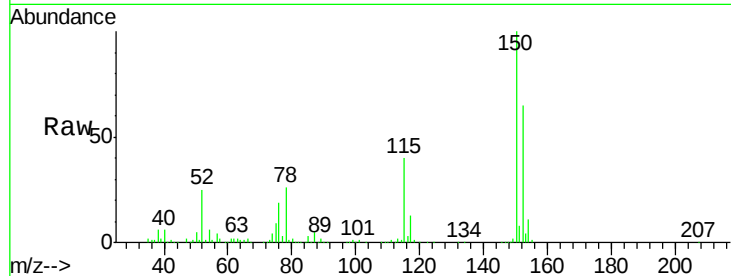


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002119.D
Acq: 27 Mar 2020 20:22

Instrument :
MSVOA_Y
ClientSampled :
SB-6-(10-12)

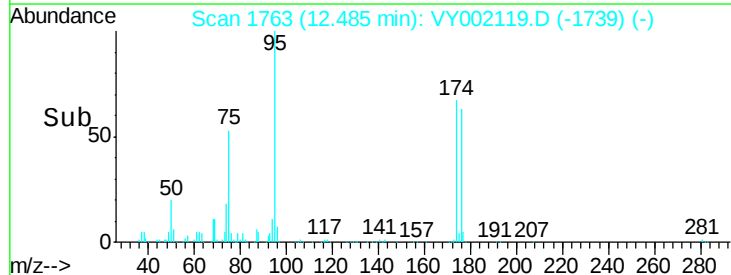
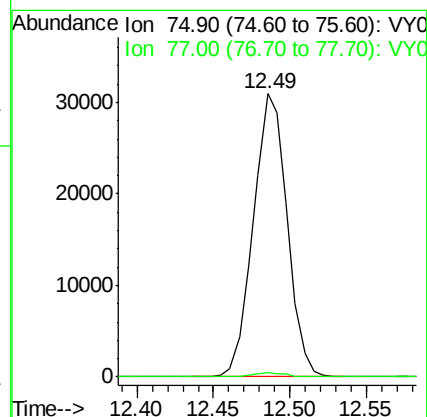
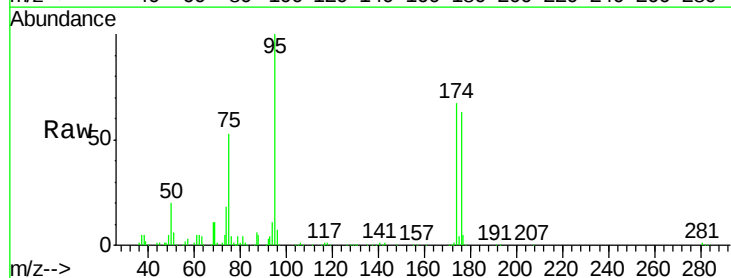
Tgt Ion:152 Resp: 82917
Ion Ratio Lower Upper
152 100
115 60.5 31.2 93.6
150 154.4 0.0 354.8

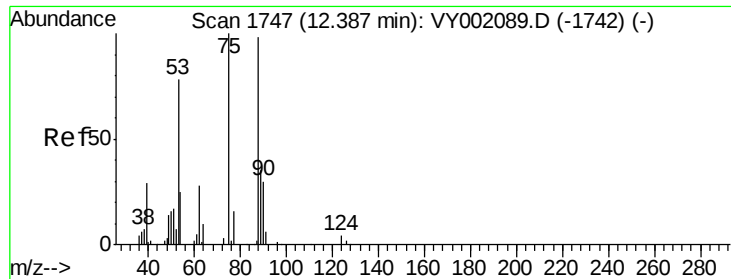


#76

1,2,3-Trichloropropane
Concen: 51.307 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY002119.D
Acq: 27 Mar 2020 20:22

Tgt Ion: 75 Resp: 47587
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 99.399 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002119.D

Acq: 27 Mar 2020 20:22

Instrument :

MSVOA_Y

ClientSampleId :

SB-6-(10-12)

Tgt Ion: 75 Resp: 47587

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#

