

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002194.D
 Acq On : 02 Apr 2020 15:59
 Operator : SY/MD
 Sample : L2135-09
 Misc : 7.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 03 03:16:34 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

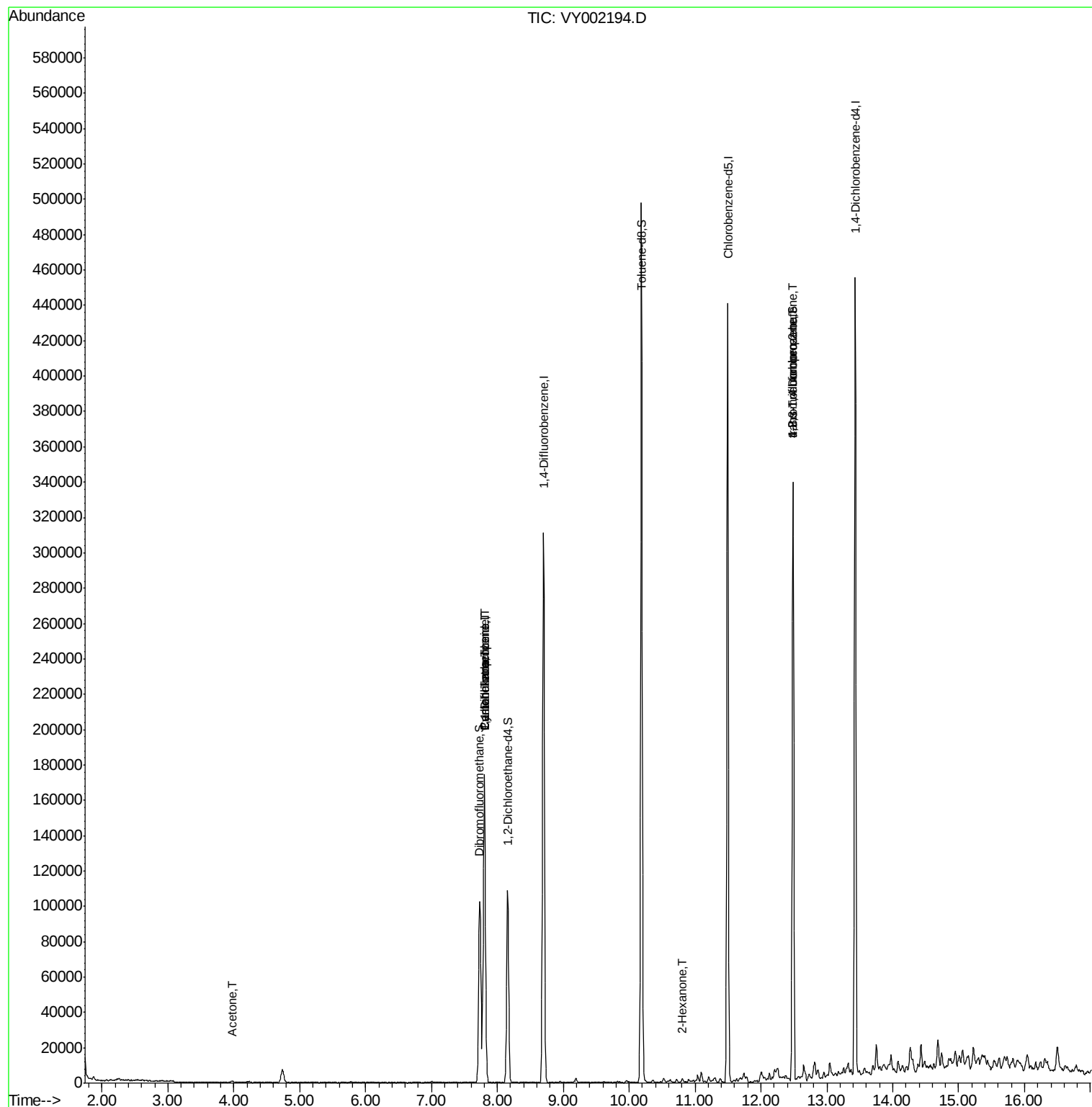
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	128674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	256596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	239045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	104663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80709	56.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.48%	
35) Dibromofluoromethane	7.74	113	74581	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
50) Toluene-d8	10.19	98	312904	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.49	95	109671	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
Target Compounds						
16) Acetone	3.97	43	1757	4.396	ug/l	98
20) Methylene Chloride	4.74	84	5556	Below Cal	#	92
31) Cyclohexane	7.80	56	3292	1.111	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10939	4.507	ug/l #	50
38) Carbon Tetrachloride	7.80	117	14239	6.915	ug/l #	16
59) 2-Hexanone	10.80	43	1119	1.133	ug/l #	23
76) 1,2,3-Trichloropropane	12.49	75	56593	48.339	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	56593	93.650	ug/l #	17

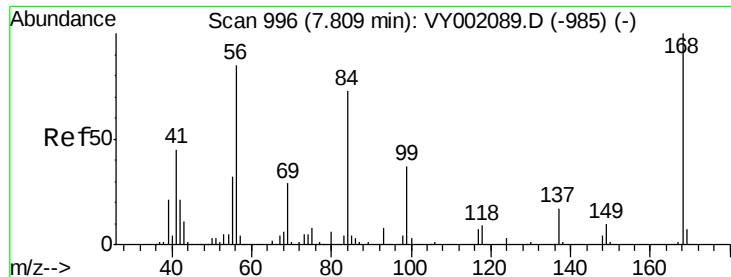
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002194.D

Acq: 02 Apr 2020 15:59

Instrument :

MSVOA_Y

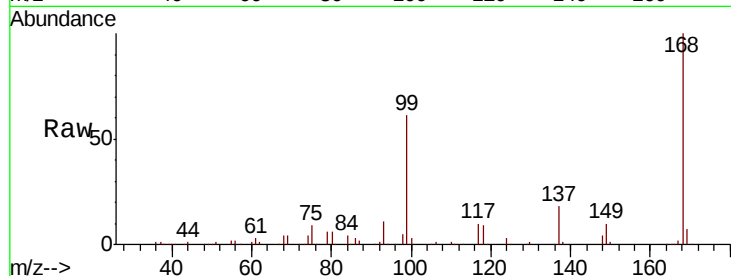
ClientSampled :

Tot Ion:168 Resp: 128674

Ion Ratio Lower Upper

168 100

99 61.4 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002194.D (-947) (-)

7.80

60000

50000

40000

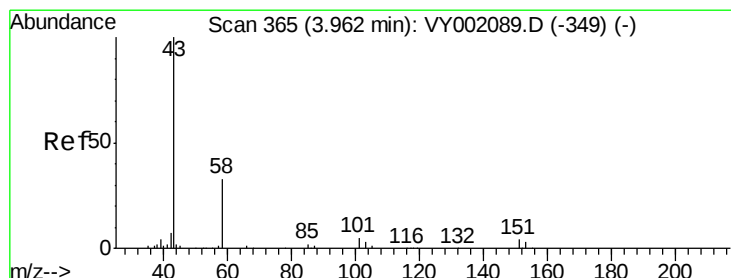
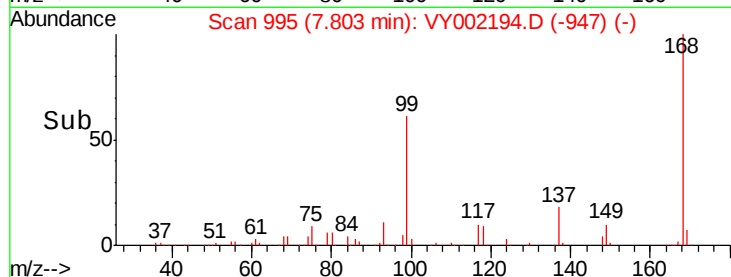
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 4.396 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002194.D

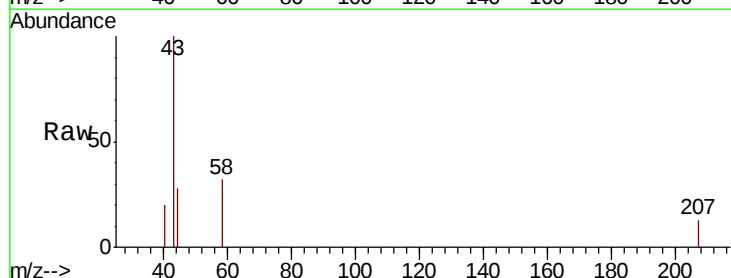
Acq: 02 Apr 2020 15:59

Tgt Ion: 43 Resp: 1757

Ion Ratio Lower Upper

43 100

58 31.5 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY002194.D (-316) (-)

3.97

800

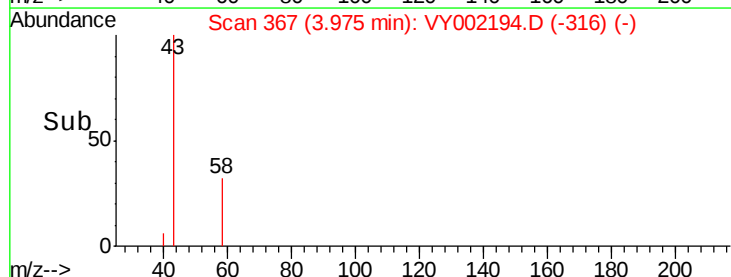
600

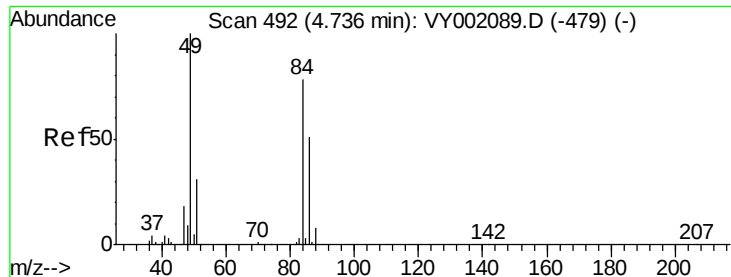
400

200

0

Time-->

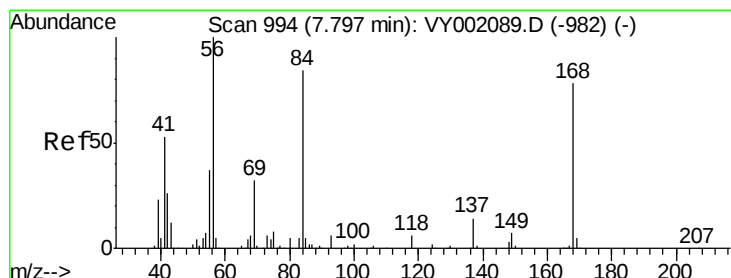
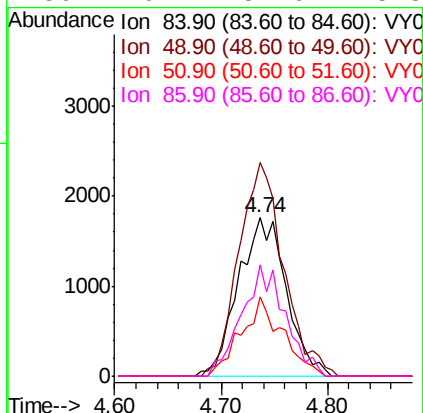
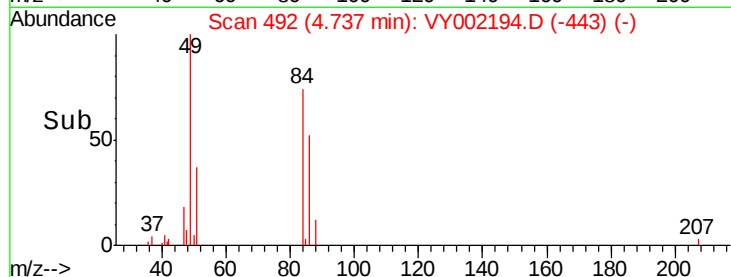
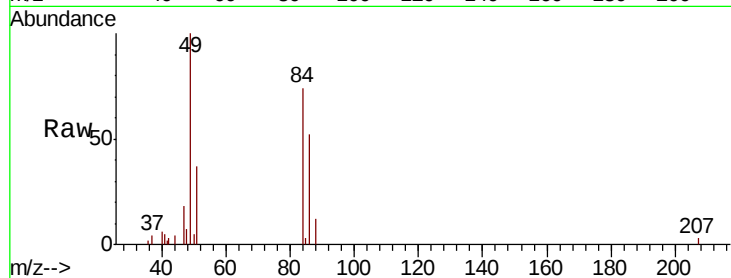




#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002194.D
Acq: 02 Apr 2020 15:59

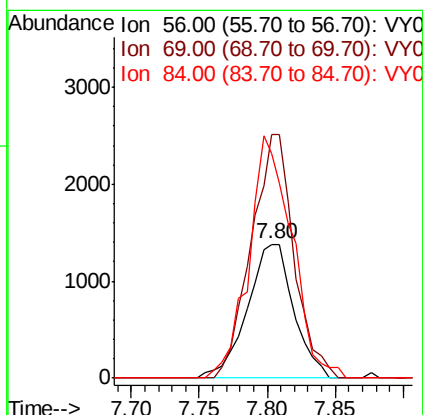
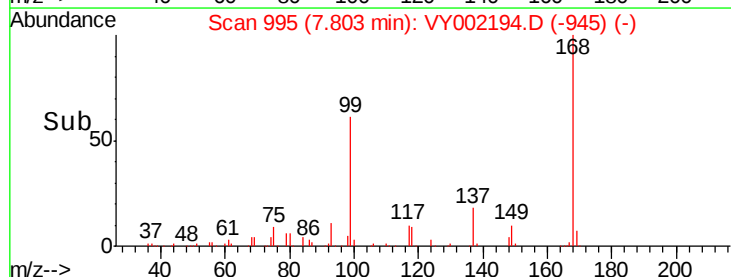
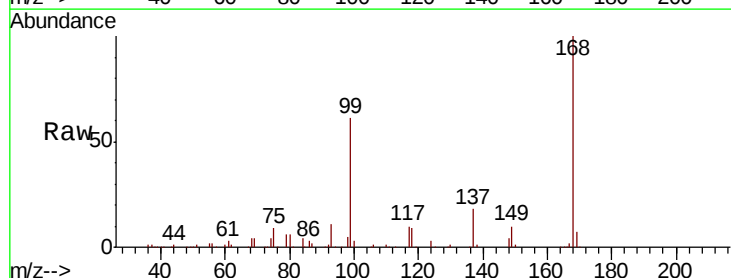
Instrument :
MSVOA_Y
ClientSampleId :

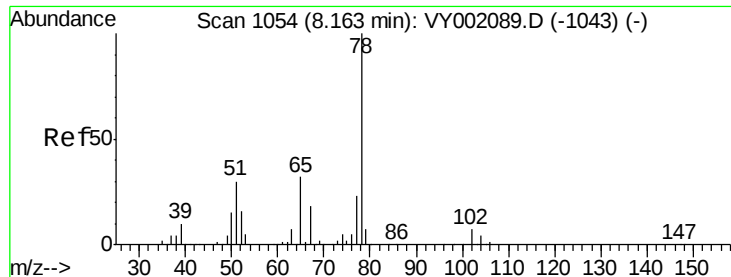
Tot Ion:	84	Resp:	5556
Ion	Ratio	Lower	Upper
84	100		
49	134.9	102.2	153.4
51	49.9	31.2	46.8#
86	70.1	52.6	78.8



#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002194.D
Acq: 02 Apr 2020 15:59

Tgt Ion:	56	Resp:	3292
Ion	Ratio	Lower	Upper
56	100		
69	182.0	25.8	38.8#
84	172.8	67.1	100.7#





#33

1,2-Dichloroethane-d4

Concen: 56.739 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002194.D

Acq: 02 Apr 2020 15:59

Instrument :

MSVOA_Y

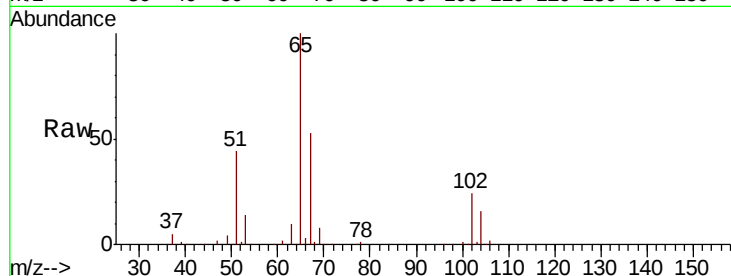
ClientSampleId :

Tot Ion: 65 Resp: 80709

Ion Ratio Lower Upper

65 100

67 56.0 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

40000

30000

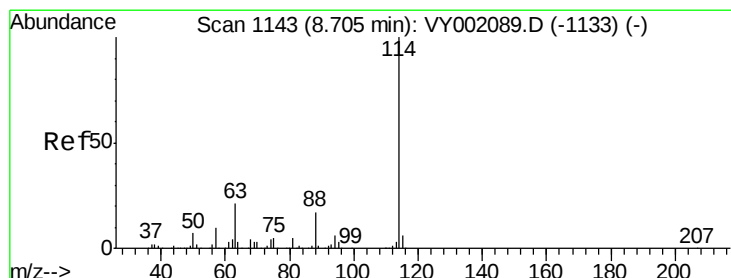
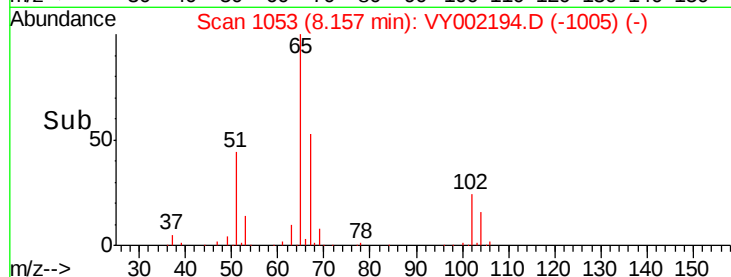
20000

10000

0

Time-->

8.05 8.10 8.15 8.20 8.25



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002194.D

Acq: 02 Apr 2020 15:59

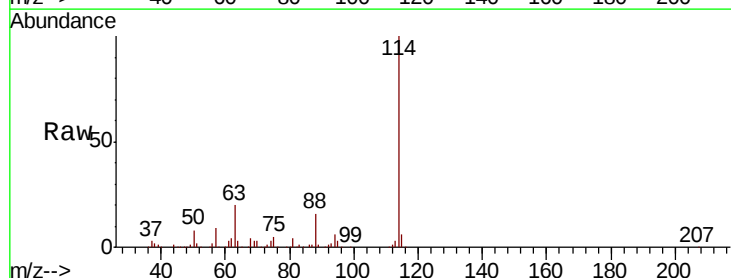
Tgt Ion: 114 Resp: 256596

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

88 16.0 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

150000

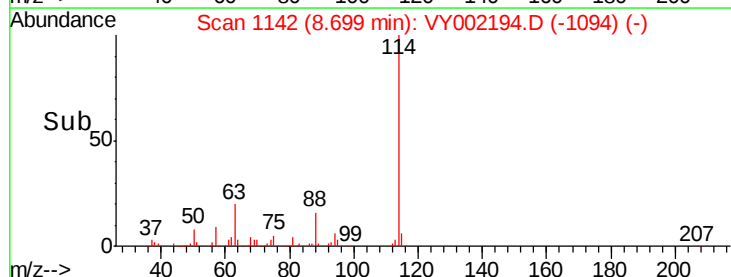
100000

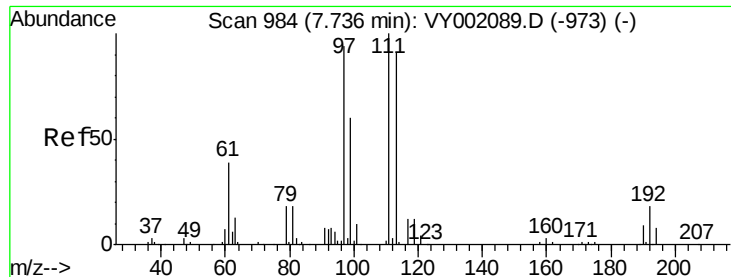
50000

0

Time-->

8.60 8.70 8.80

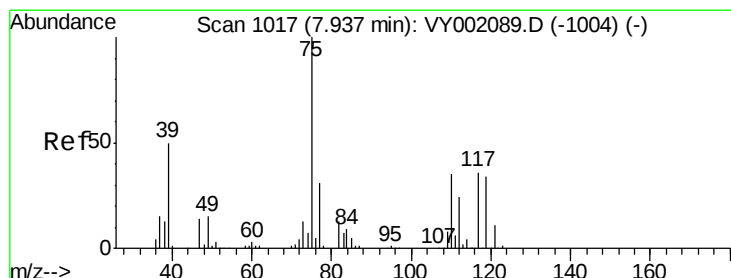
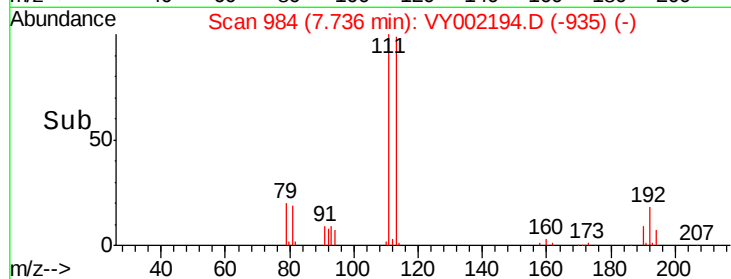
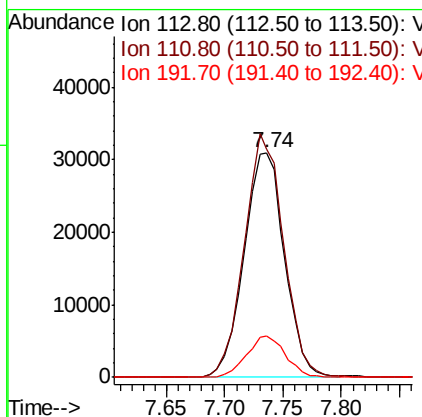
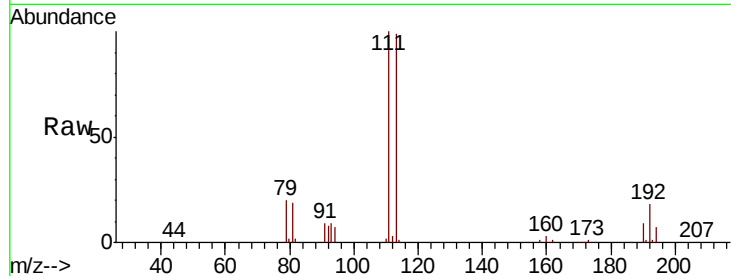




#35
 Dibromofluoromethane
 Concen: 51.874 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002194.D
 Acq: 02 Apr 2020 15:59

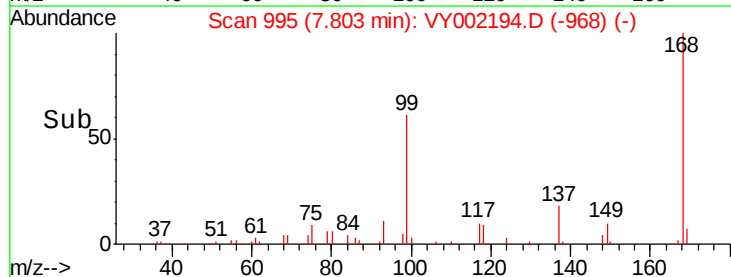
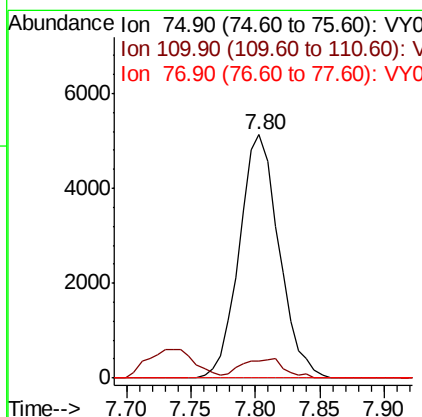
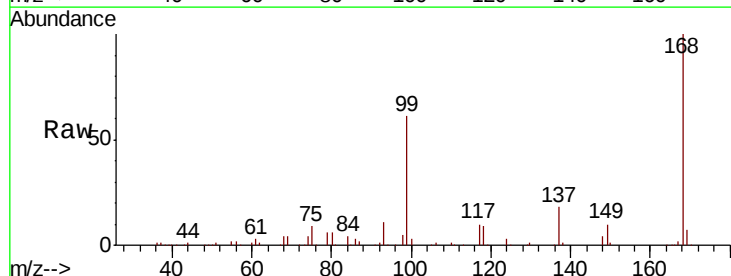
Instrument :
 MSVOA_Y
 ClientSampleId :

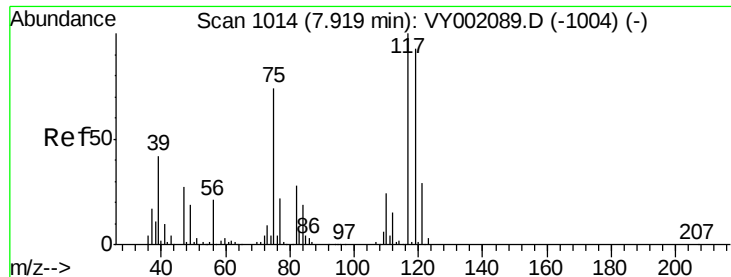
Tot Ion:113 Resp: 74581
 Ion Ratio Lower Upper
 113 100
 111 105.4 84.4 126.6
 192 17.8 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.507 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002194.D
 Acq: 02 Apr 2020 15:59

Tgt Ion: 75 Resp: 10939
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.2 51.6#
 77 0.0 24.7 37.1#

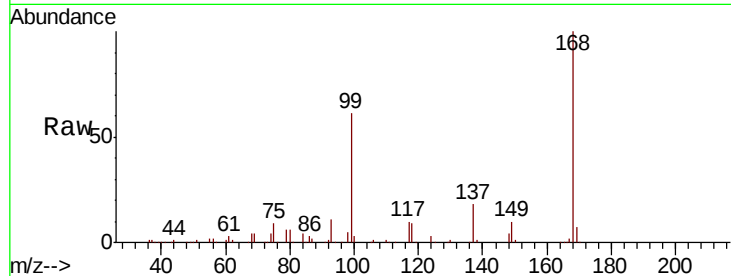




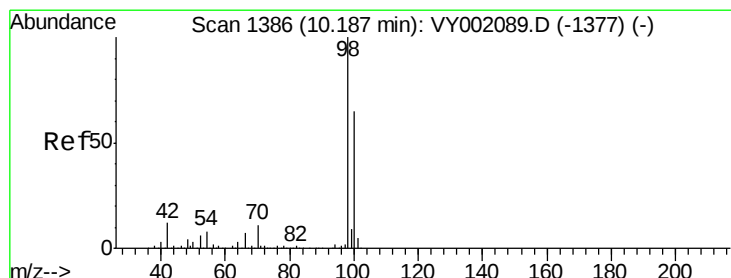
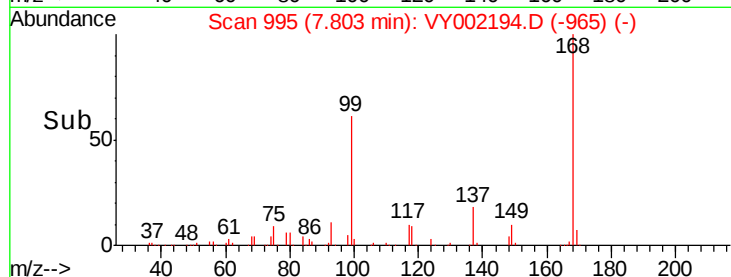
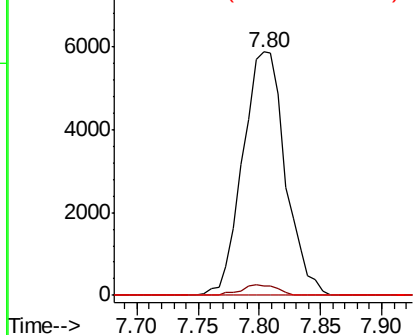
#38
Carbon Tetrachloride
Concen: 6.915 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002194.D
Acq: 02 Apr 2020 15:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 14239
Ion Ratio Lower Upper
117 100
119 4.0 74.3 111.5#
121 0.0 23.3 34.9#

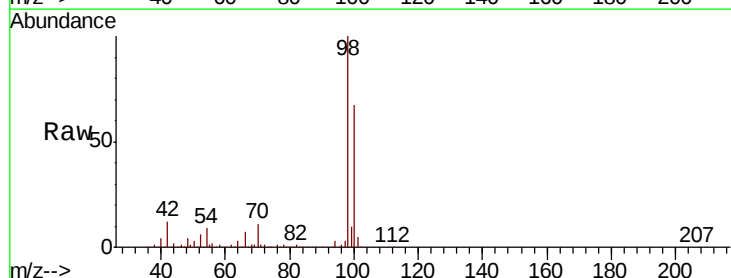


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

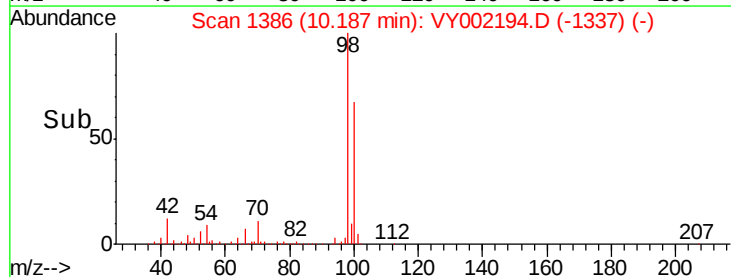
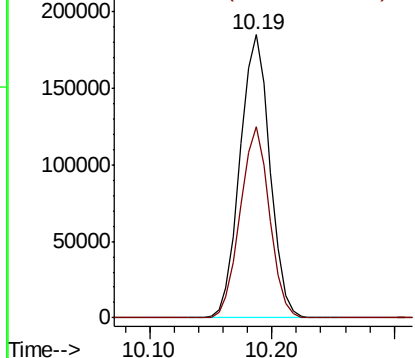


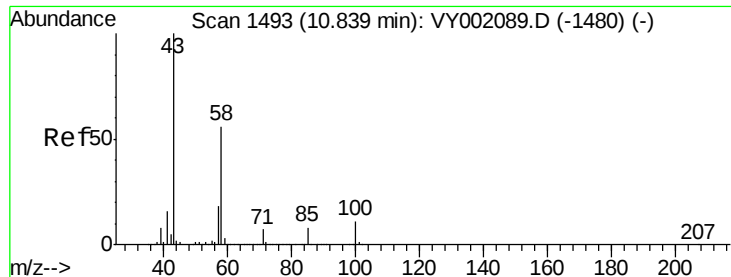
#50
Toluene-d8
Concen: 52.389 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002194.D
Acq: 02 Apr 2020 15:59

Tgt Ion: 98 Resp: 312904
Ion Ratio Lower Upper
98 100
100 66.2 51.6 77.4



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





#59

2-Hexanone

Concen: 1.133 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.04 min

Lab File: VY002194.D

Acq: 02 Apr 2020 15:59

Instrument :

MSVOA_Y

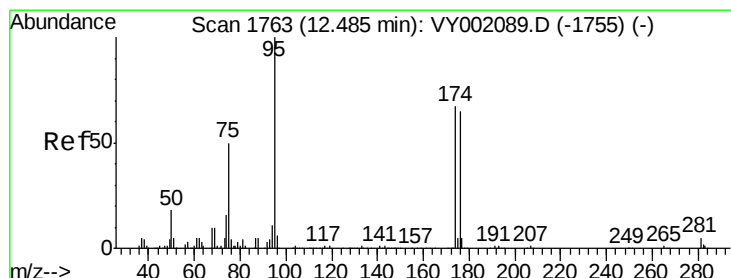
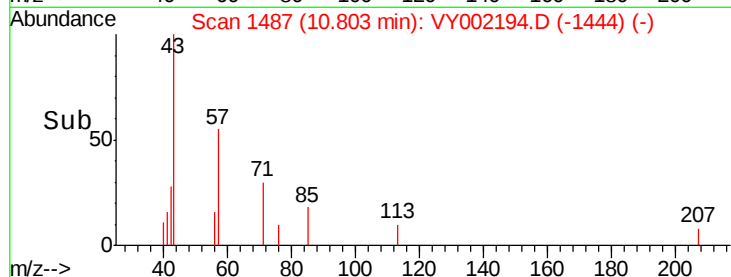
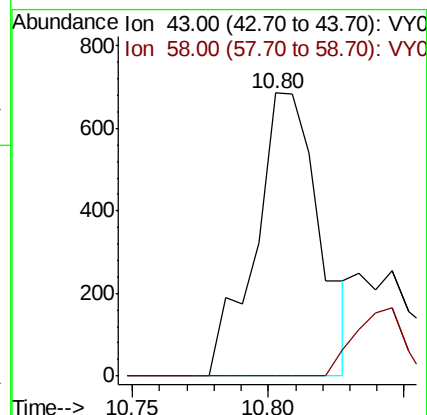
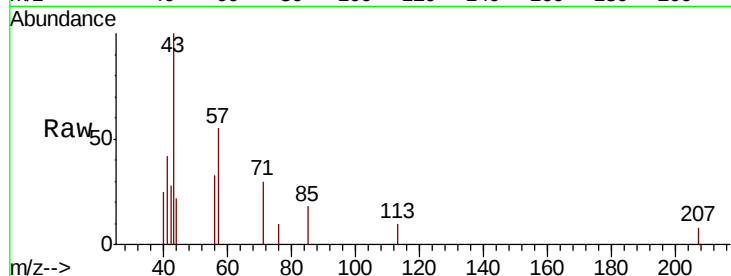
ClientSampleId :

Tot Ion: 43 Resp: 1119

Ion Ratio Lower Upper

43 100

58 0.0 27.9 83.6#



#62

4-Bromofluorobenzene

Concen: 52.503 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002194.D

Acq: 02 Apr 2020 15:59

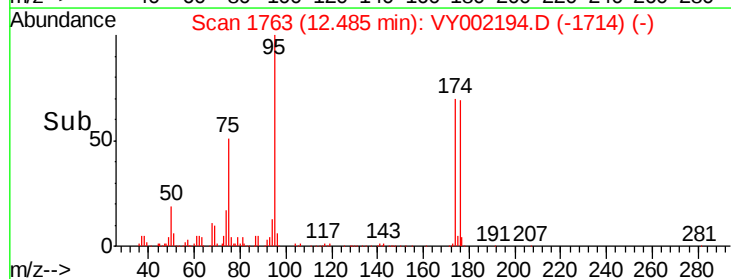
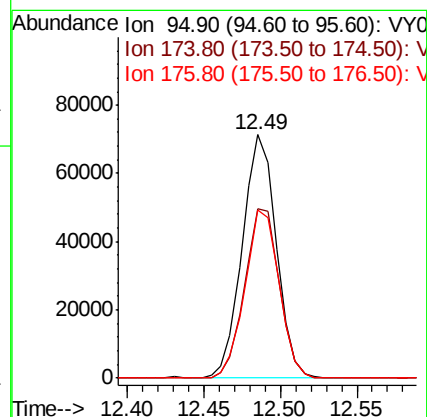
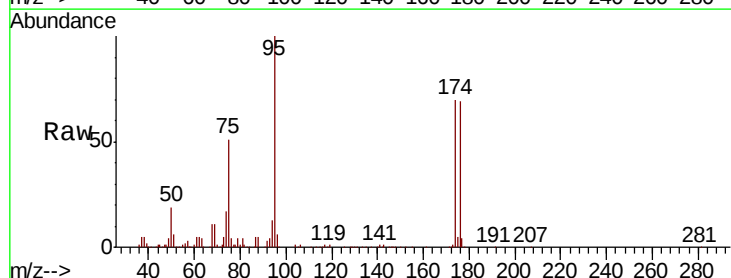
Tgt Ion: 95 Resp: 109671

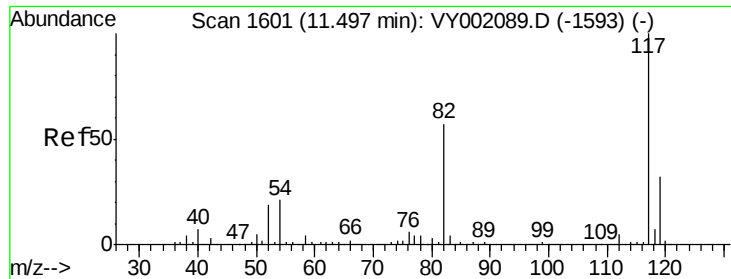
Ion Ratio Lower Upper

95 100

174 71.5 0.0 143.4

176 69.7 0.0 137.0

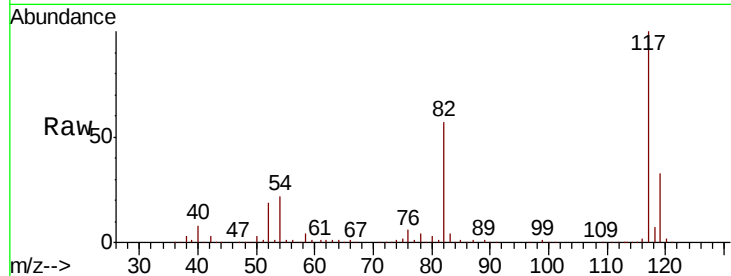




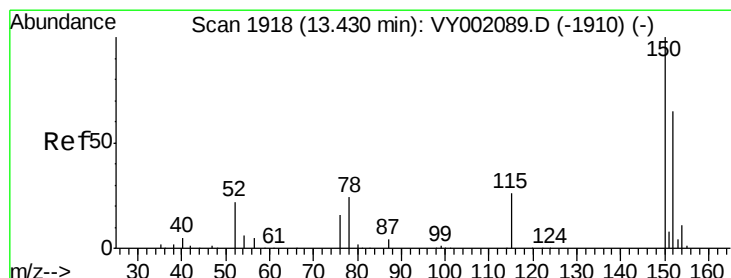
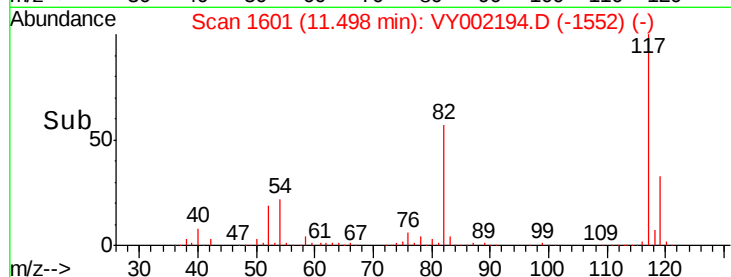
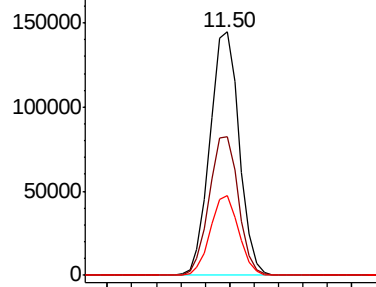
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002194.D
Acq: 02 Apr 2020 15:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 239045
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 32.8 25.3 37.9

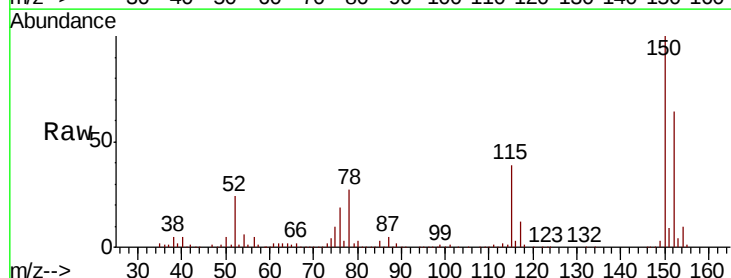


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

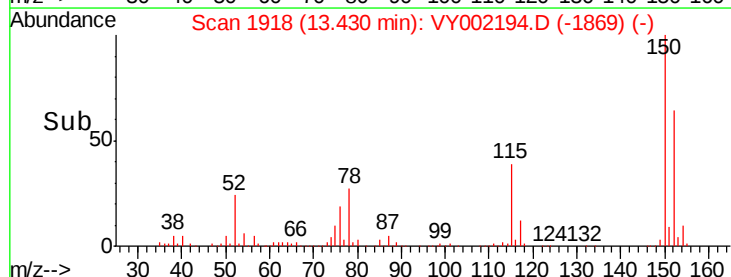
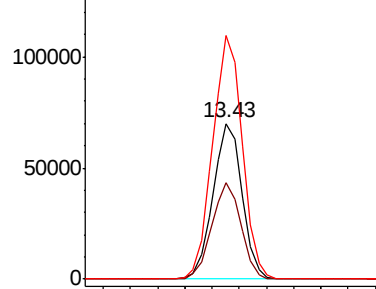


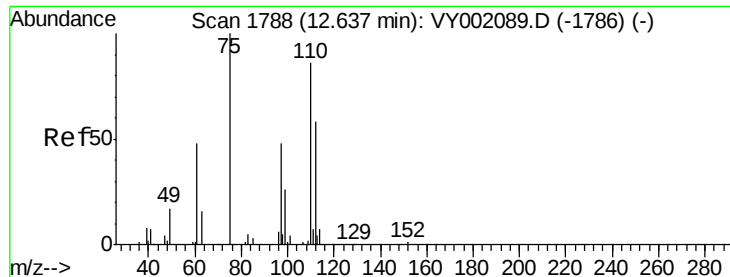
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002194.D
Acq: 02 Apr 2020 15:59

Tgt Ion:152 Resp: 104663
Ion Ratio Lower Upper
152 100
115 62.0 31.2 93.6
150 159.0 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: 48.339 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002194.D

Acq: 02 Apr 2020 15:59

Instrument :

MSVOA_Y

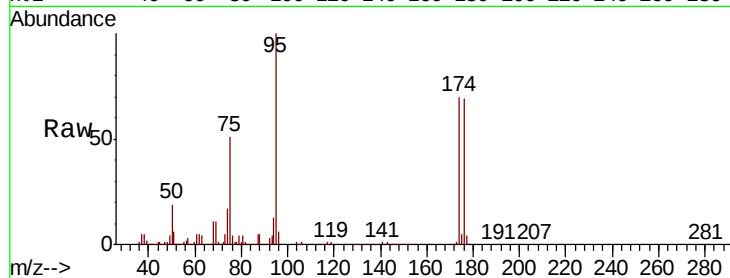
ClientSampled :

Tot Ion: 75 Resp: 56593

Ion Ratio Lower Upper

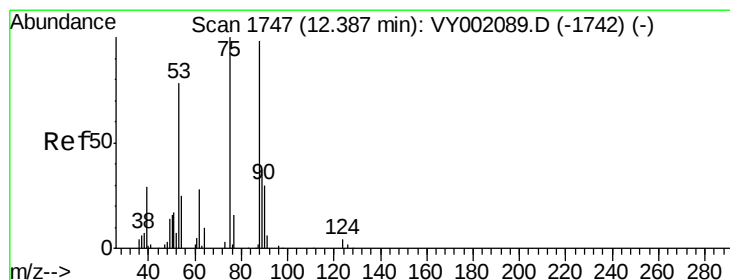
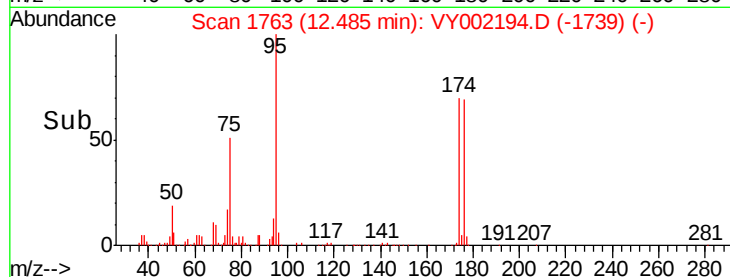
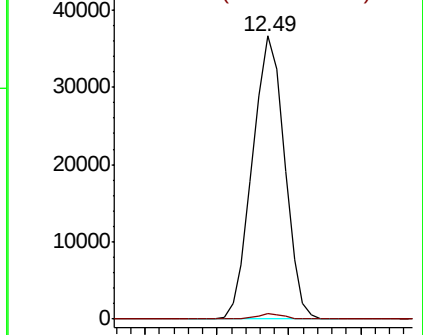
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 93.650 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002194.D

Acq: 02 Apr 2020 15:59

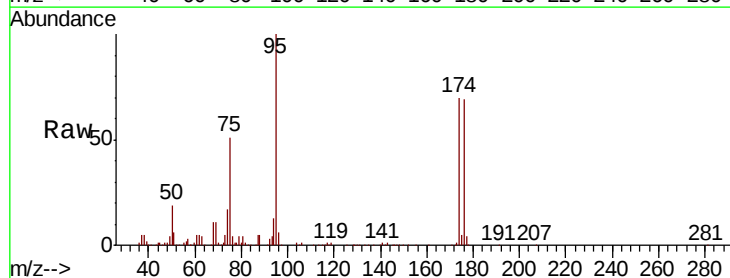
Tgt Ion: 75 Resp: 56593

Ion Ratio Lower Upper

75 100

53 0.2 65.0 97.4#

89 0.0 33.4 50.0#



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

