

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002186.D
 Acq On : 02 Apr 2020 13:02
 Operator : SY/MD
 Sample : L2122-01
 Misc : 7.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 03 03:13:48 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

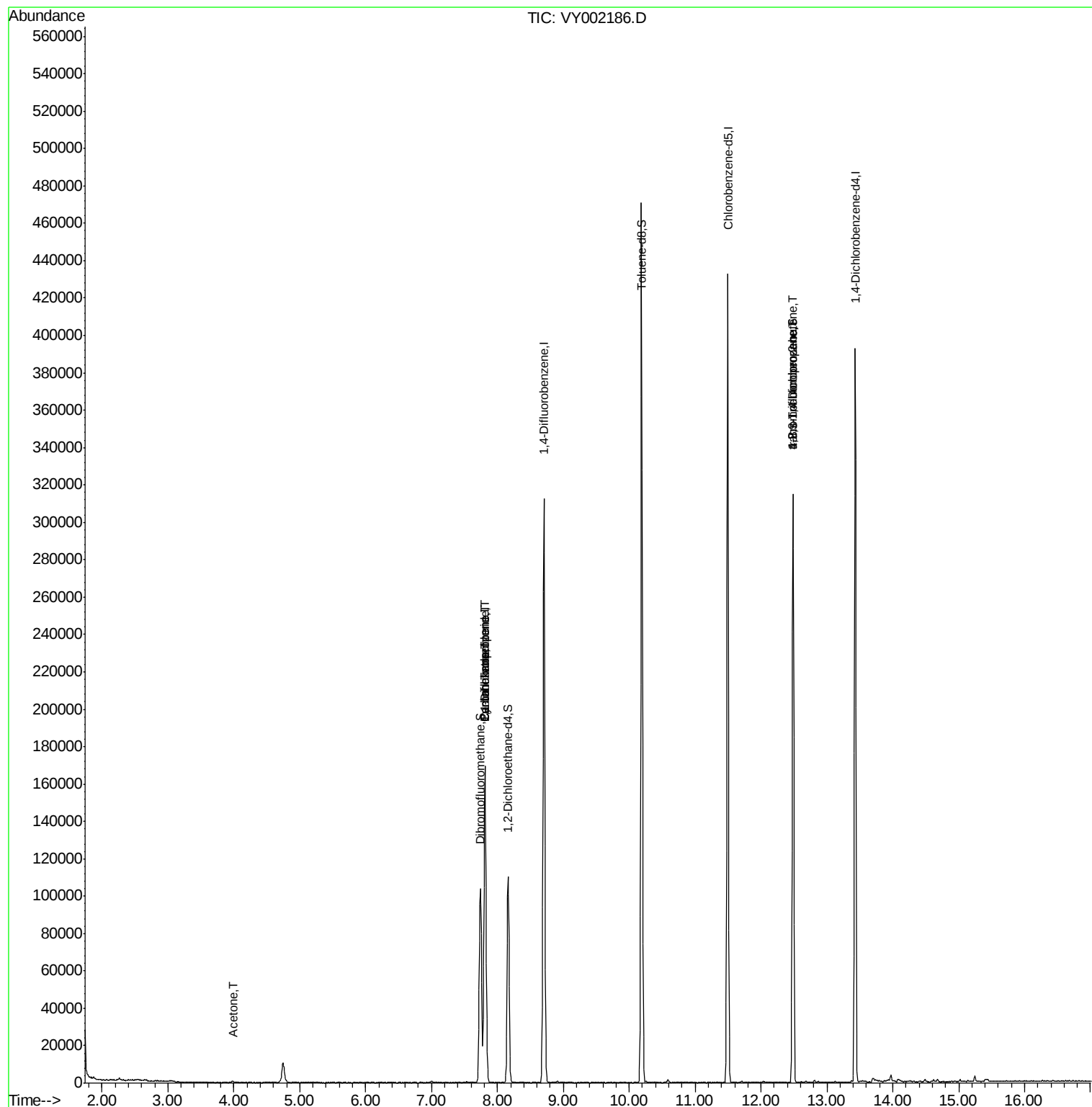
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	129363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	255597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	231749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	92940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80553	56.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.66%	
35) Dibromofluoromethane	7.74	113	74458	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	10.19	98	307803	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.48	95	101602	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
Target Compounds						
16) Acetone	3.99	43	1145	2.850	ug/l #	81
20) Methylene Chloride	4.75	84	7195	Below Cal		95
31) Cyclohexane	7.81	56	3162	1.061	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	11147	4.611	ug/l #	50
38) Carbon Tetrachloride	7.81	117	13065	6.370	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	51108	49.160	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	51108	95.241	ug/l #	17

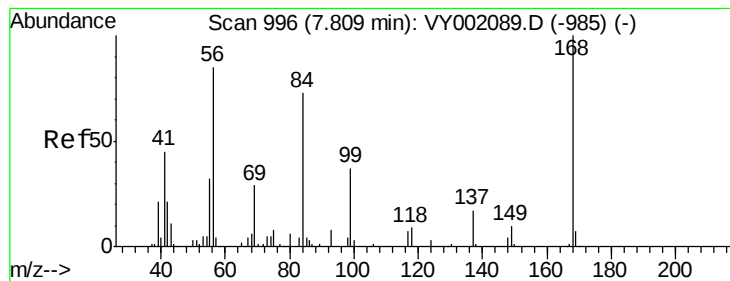
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002186.D

Acq: 02 Apr 2020 13:02

Instrument :

MSVOA_Y

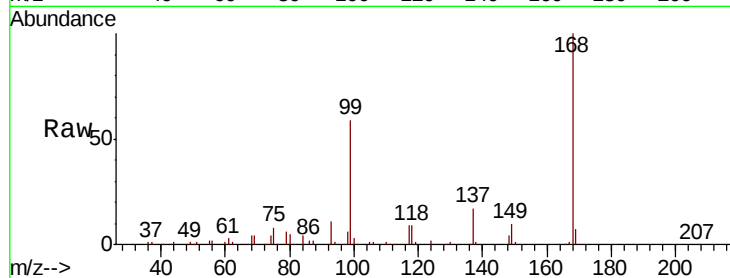
ClientSampleId :

Tot Ion:168 Resp: 129363

Ion Ratio Lower Upper

168 100

99 59.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002186.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002186.D (-947) (-)

7.82

60000

50000

40000

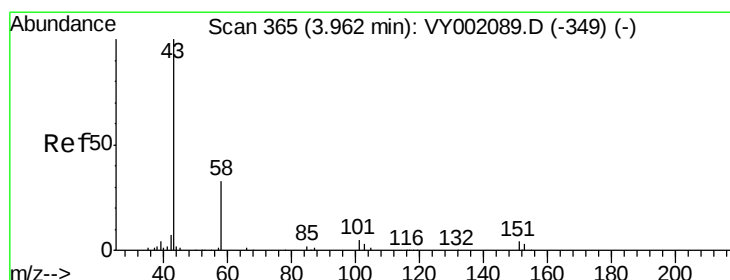
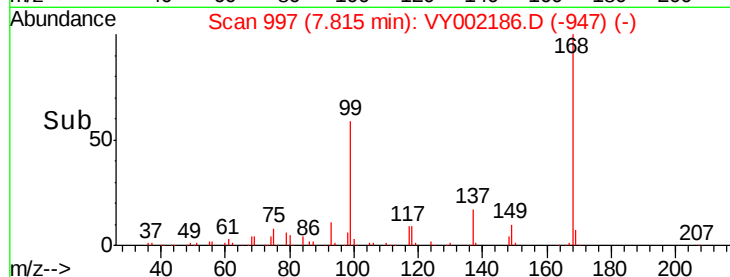
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 2.850 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.02 min

Lab File: VY002186.D

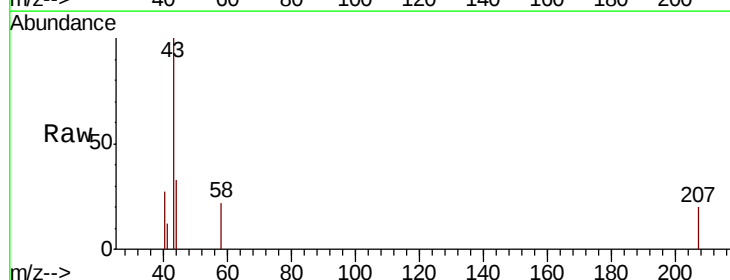
Acq: 02 Apr 2020 13:02

Tgt Ion: 43 Resp: 1145

Ion Ratio Lower Upper

43 100

58 22.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002186.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002186.D (-316) (-)

3.99

500

400

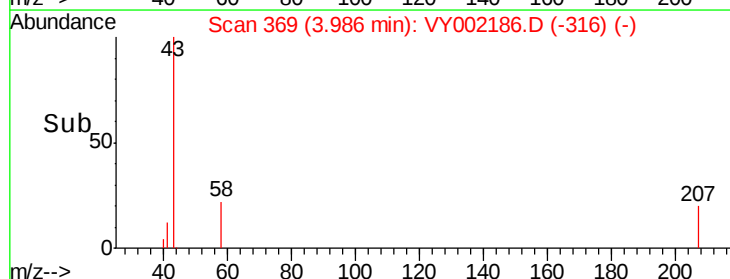
300

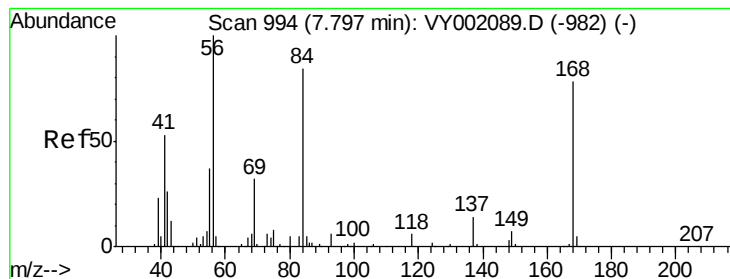
200

100

0

Time-->





#31

Cyclohexane

Concen: 1.061 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002186.D

Acq: 02 Apr 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :

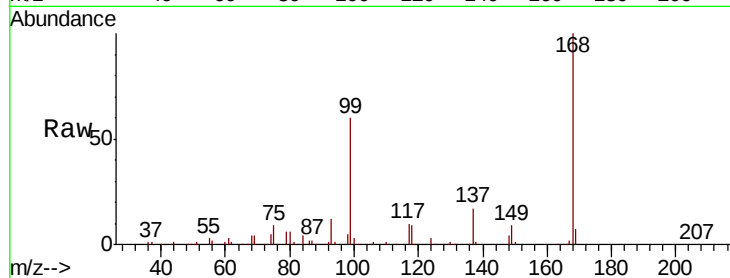
Tot Ion: 56 Resp: 3162

Ion Ratio Lower Upper

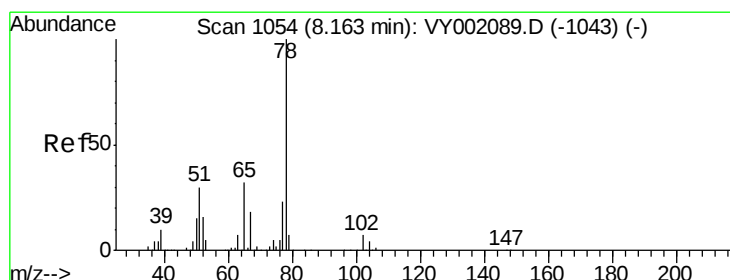
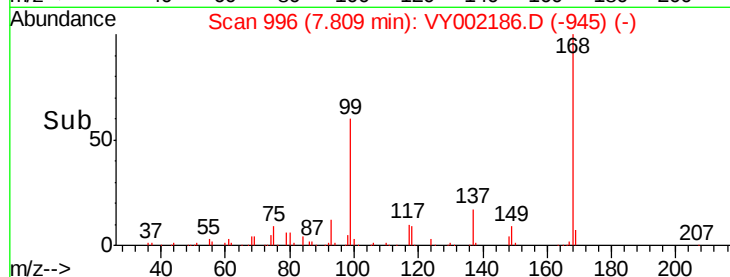
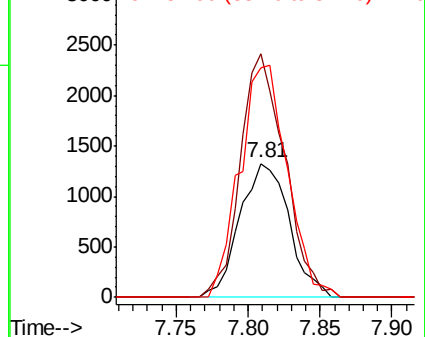
56 100

69 182.0 25.8 38.8#

84 171.5 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: 56.328 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY002186.D

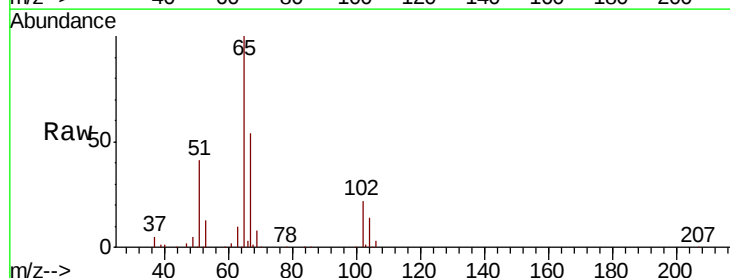
Acq: 02 Apr 2020 13:02

Tgt Ion: 65 Resp: 80553

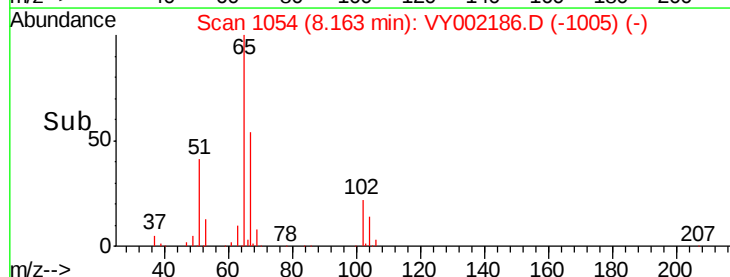
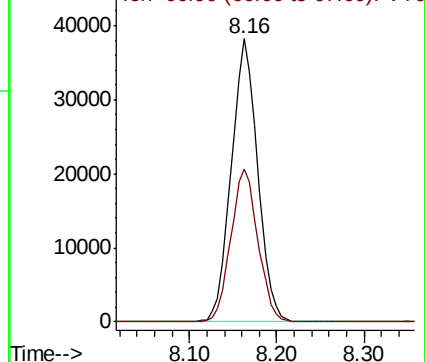
Ion Ratio Lower Upper

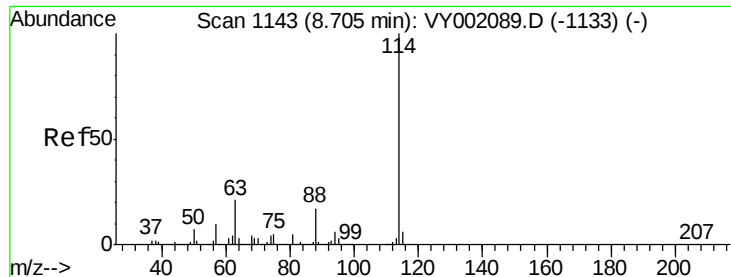
65 100

67 55.2 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

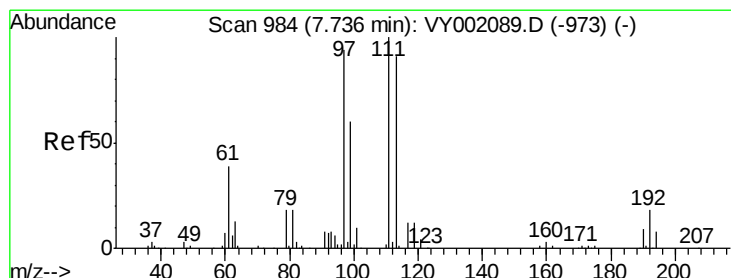
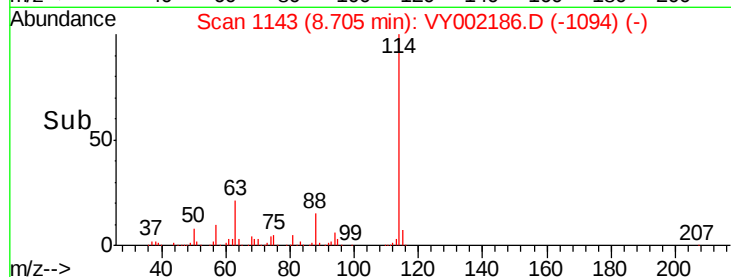
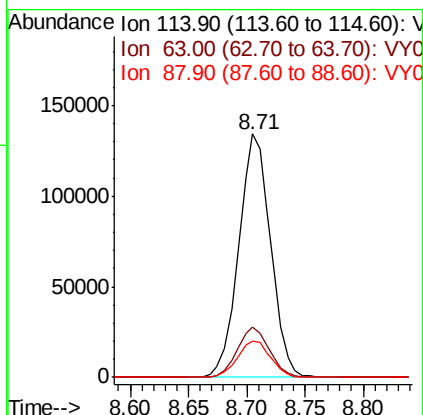
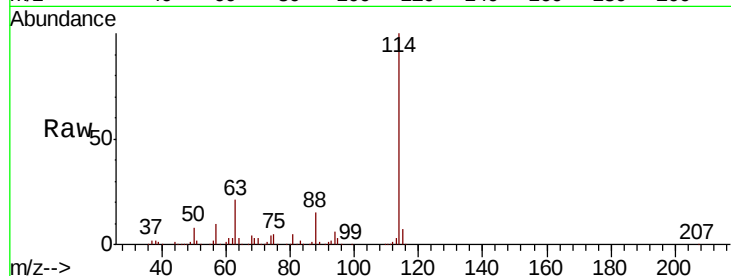




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002186.D
 Acq: 02 Apr 2020 13:02

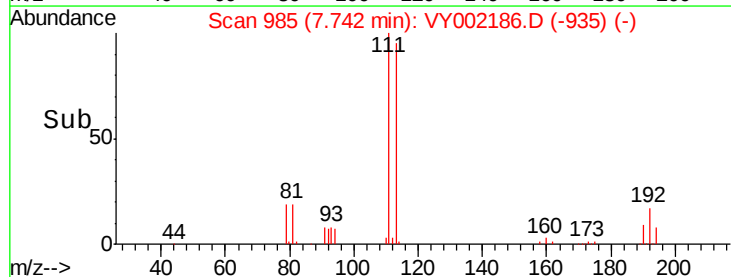
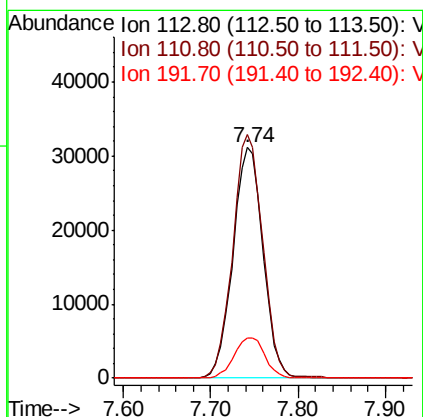
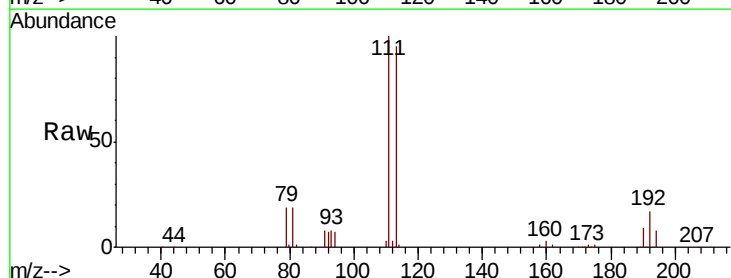
Instrument :
 MSVOA_Y
 ClientSampleId :

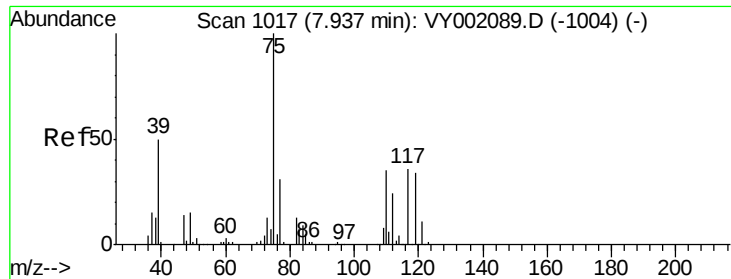
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.4
88	15.1	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 51.990 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002186.D
 Acq: 02 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	84.4	126.6
192	17.8	14.6	21.8

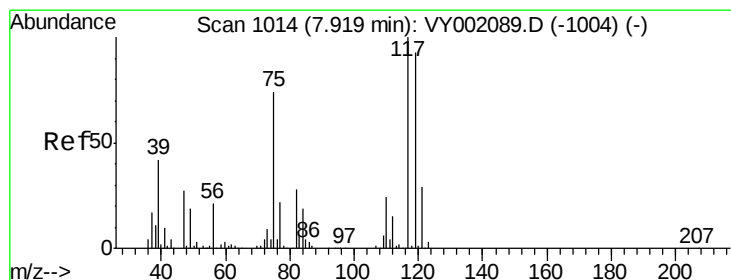
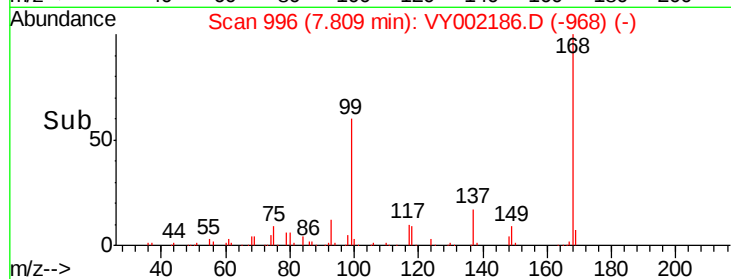
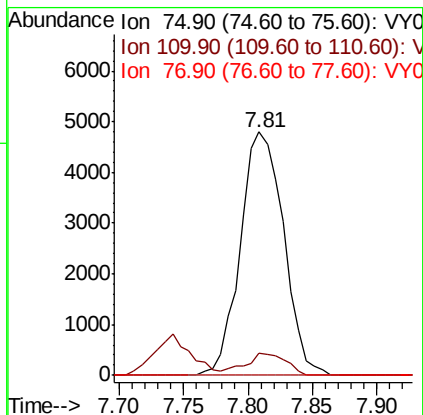
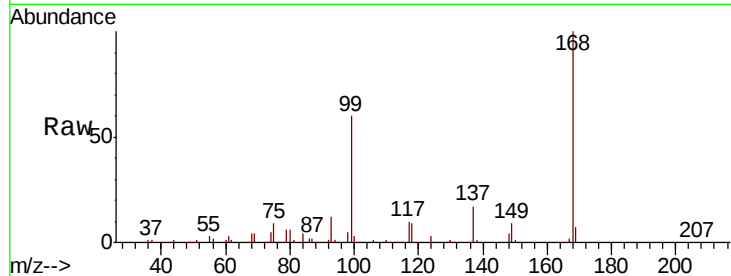




#36
 1,1-Dichloropropene
 Concen: 4.611 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002186.D
 Acq: 02 Apr 2020 13:02

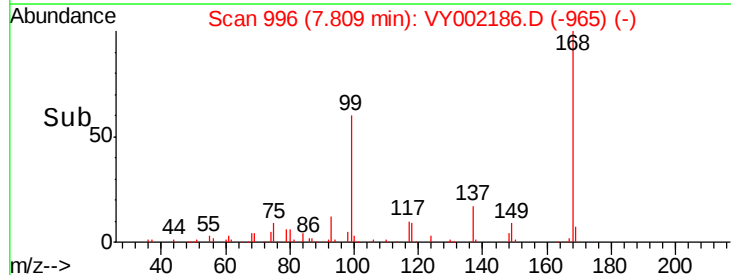
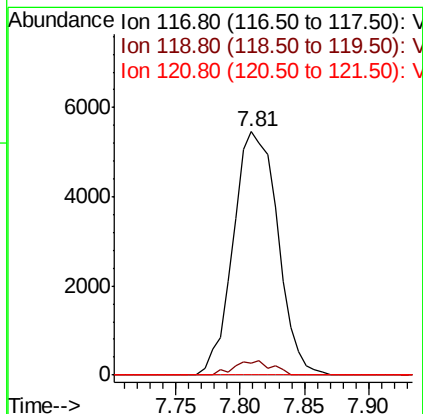
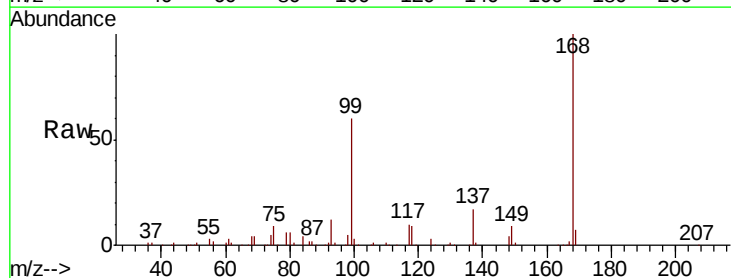
Instrument :
 MSVOA_Y
 ClientSampled :

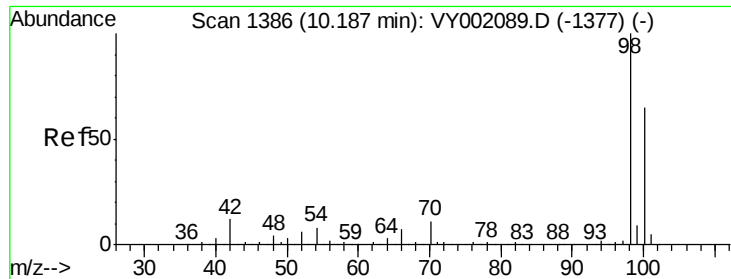
Tot Ion	75	Resp	11147
Ion Ratio	100	Lower	Upper
75	100		
110	8.6	17.2	51.6#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.370 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.11 min
 Lab File: VY002186.D
 Acq: 02 Apr 2020 13:02

Tgt Ion	117	Resp	13065
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.9	74.3	111.5#
121	0.0	23.3	34.9#





#50

Toluene-d8

Concen: 51.736 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002186.D

Acq: 02 Apr 2020 13:02

Instrument :

MSVOA_Y

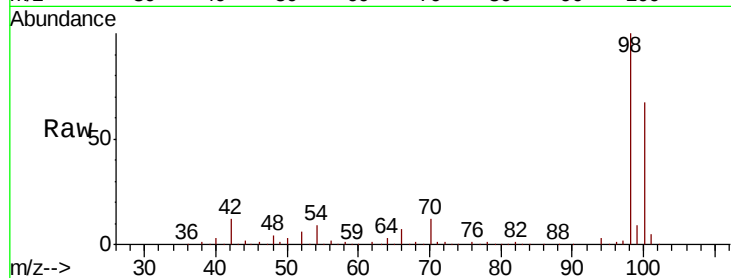
ClientSampleId :

Tot Ion: 98 Resp: 307803

Ion Ratio Lower Upper

98 100

100 66.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

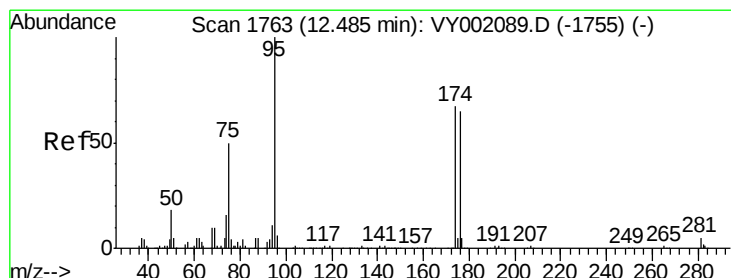
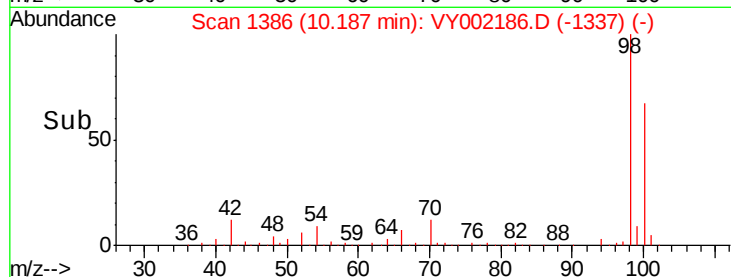
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.830 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002186.D

Acq: 02 Apr 2020 13:02

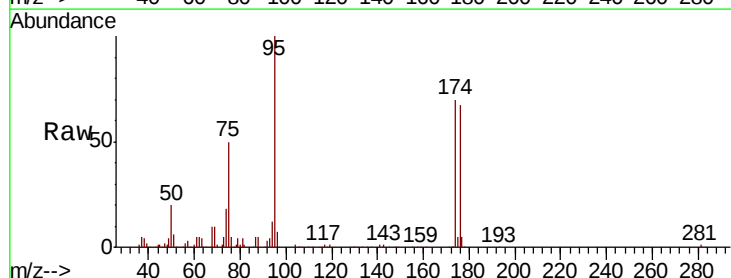
Tgt Ion: 95 Resp: 101602

Ion Ratio Lower Upper

95 100

174 71.5 0.0 143.4

176 69.2 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

80000

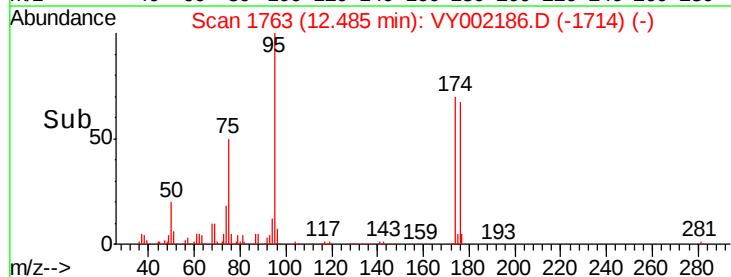
60000

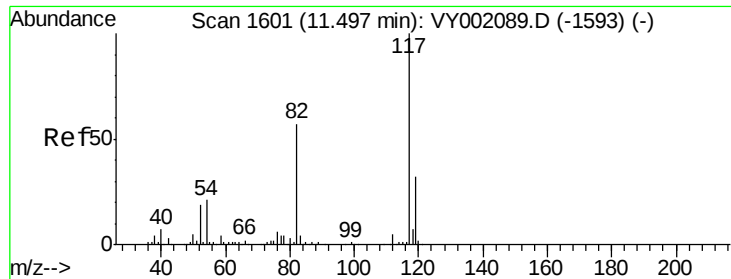
40000

20000

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Time-->

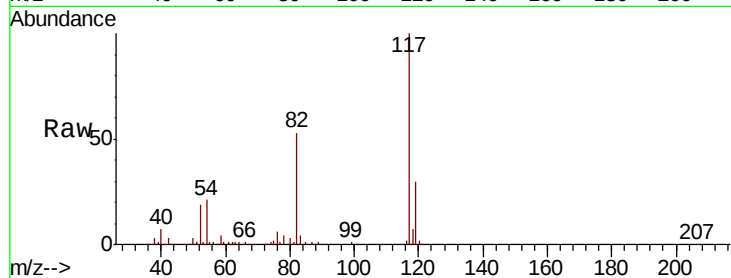




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002186.D
Acq: 02 Apr 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.4	68.2
119	30.4	25.3	37.9

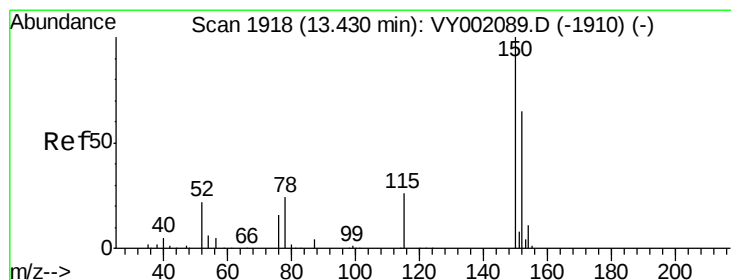
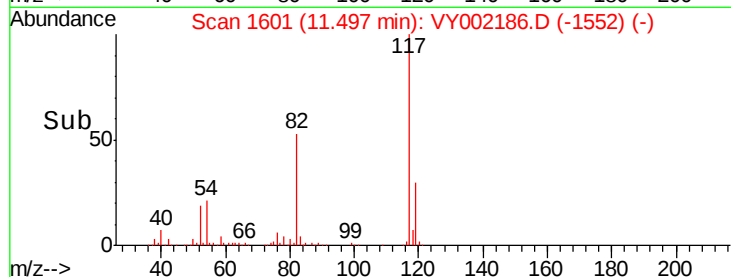
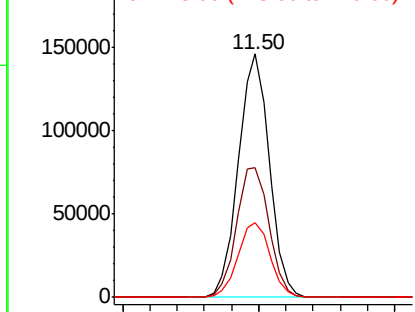


Abundance

Ion 116.90 (116.60 to 117.60): V

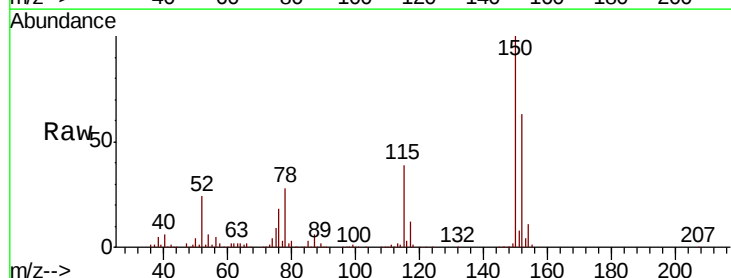
Ion 82.00 (81.70 to 82.70): VY0

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: VY002186.D
Acq: 02 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.2	93.6
150	156.9	0.0	354.8

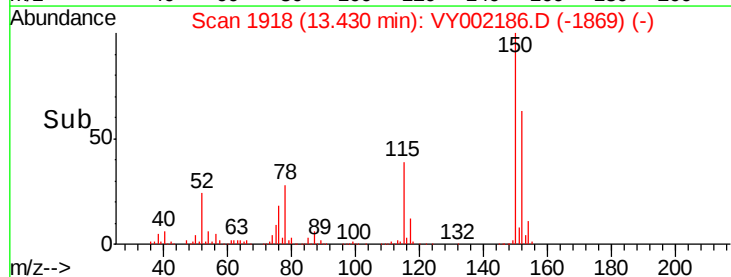
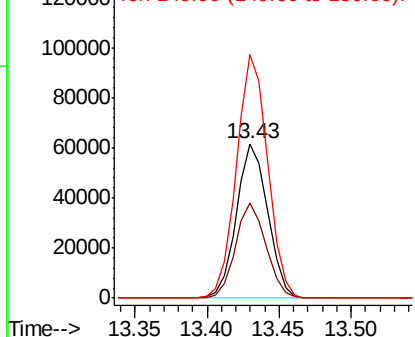


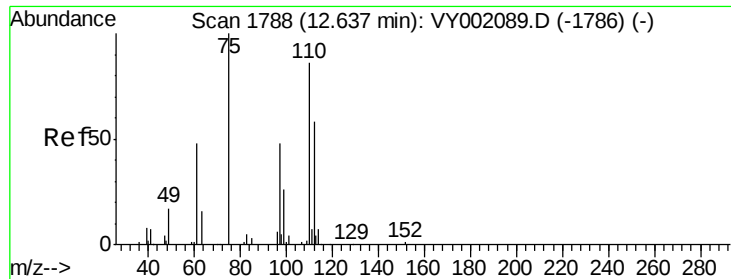
Abundance

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

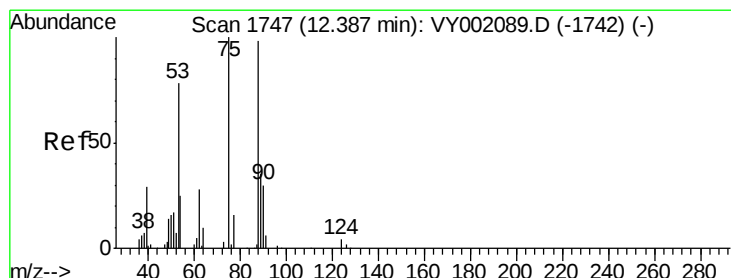
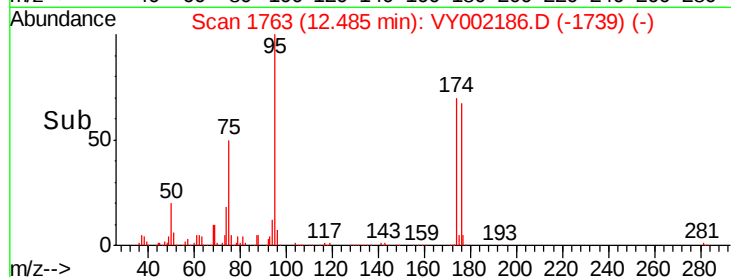
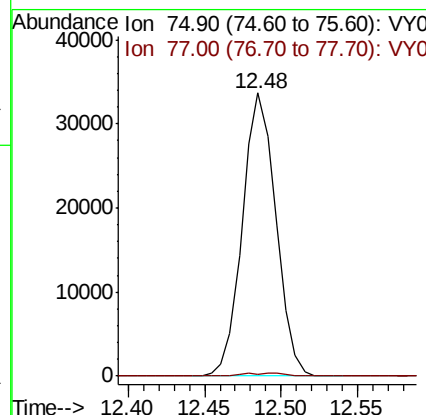
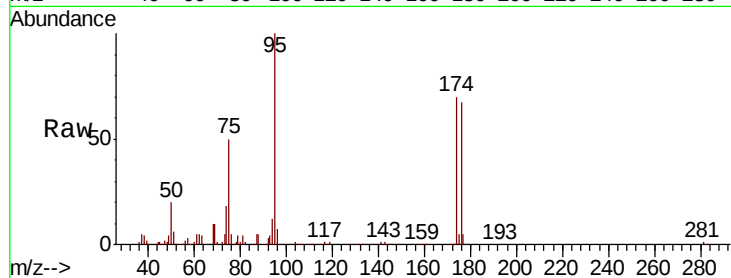




#76
 1,2,3-Trichloropropane
 Concen: 49.160 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002186.D
 Acq: 02 Apr 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 51108
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.241 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002186.D
 Acq: 02 Apr 2020 13:02

Tgt Ion: 75 Resp: 51108
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.0 97.4#
 89 0.0 33.4 50.0#

