

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003038.D
 Acq On : 30 Jun 2020 16:27
 Operator : SY/MD
 Sample : L3153-31
 Misc : 6.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-H

Quant Time: Jul 01 06:38:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

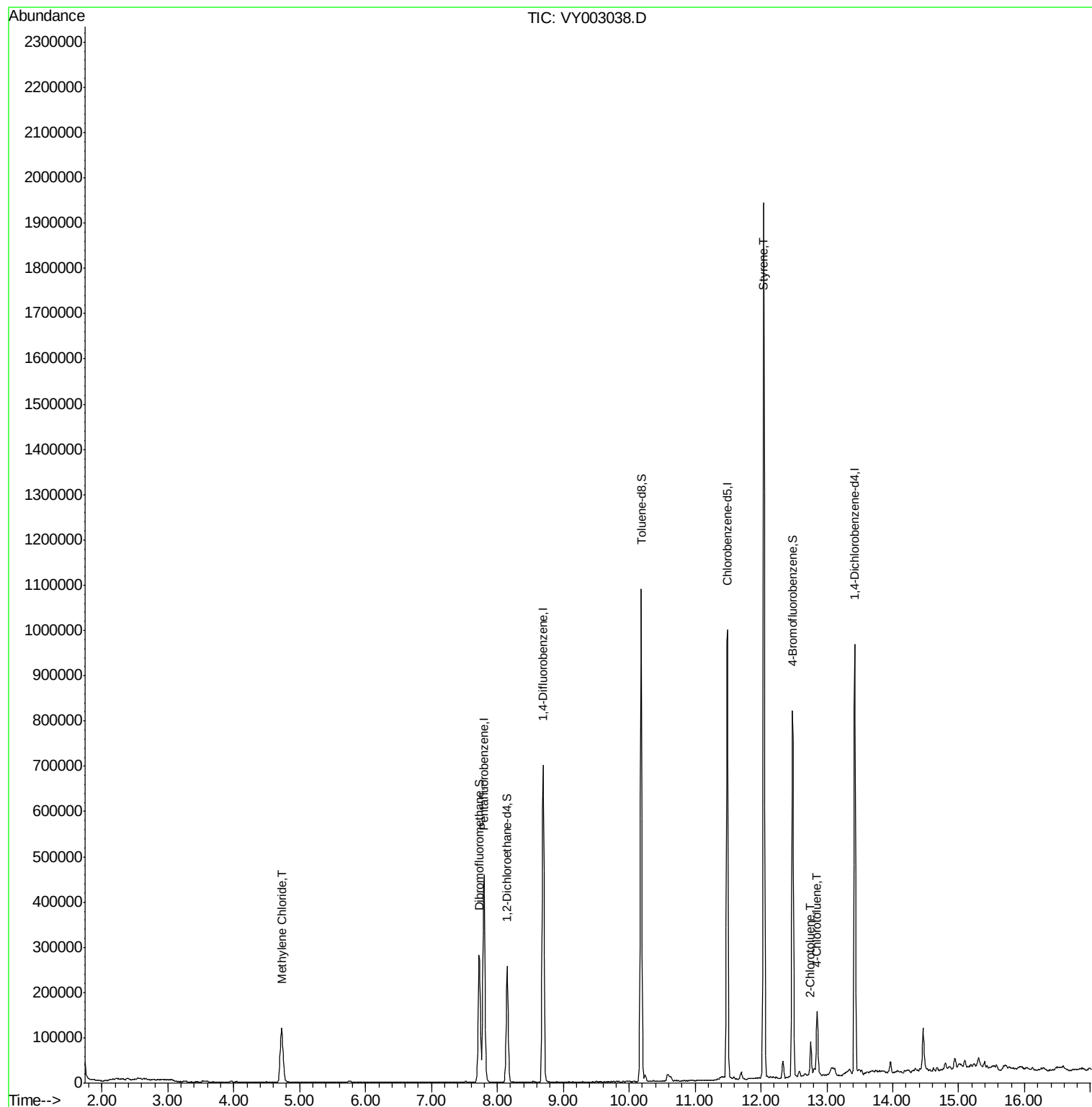
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	377054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	596464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	543257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	246798	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	202328	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
35) Dibromofluoromethane	7.72	113	196638	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
50) Toluene-d8	10.18	98	702891	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.48	95	237505	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
Target Compounds						
20) Methylene Chloride	4.73	84	92745	19.244	ug/l	90
70) Styrene	12.05	104	935677	79.689	ug/l	89
79) 2-Chlorotoluene	12.75	91	40573	3.742	ug/l	99
82) 4-Chlorotoluene	12.85	91	76268	6.756	ug/l	98

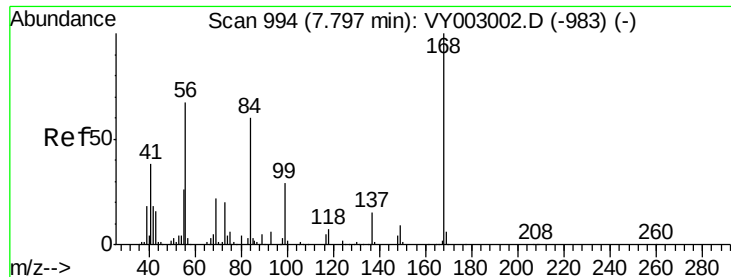
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003038.D
Acq On : 30 Jun 2020 16:27
Operator : SY/MD
Sample : L3153-31
Misc : 6.15G/5ML/MSVOA Y/SOIL
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MSVOA_Y
ClientSampleId :
SP2-H

Quant Time: Jul 01 06:38:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003038.D

Acq: 30 Jun 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

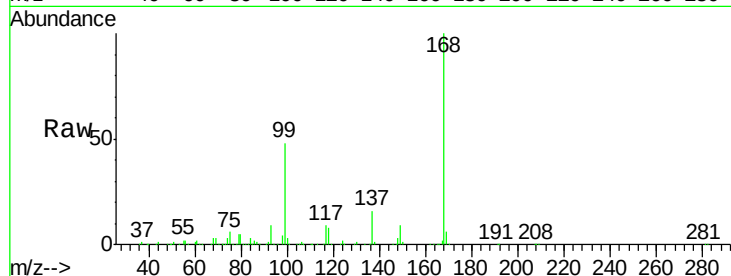
SP2-H

Tot Ion:168 Resp: 377054

Ion Ratio Lower Upper

168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003038.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003038.D (-945) (-)

7.80

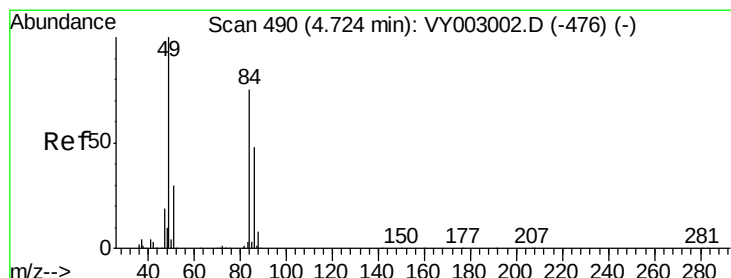
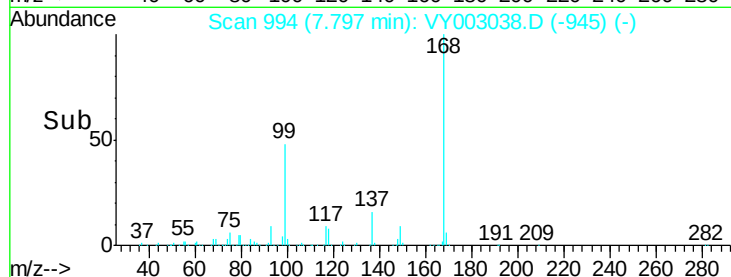
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 19.244 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003038.D

Acq: 30 Jun 2020 16:27

Tgt Ion: 84 Resp: 92745

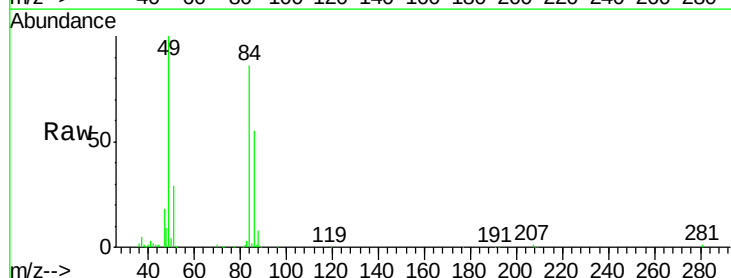
Ion Ratio Lower Upper

84 100

49 115.9 106.8 160.2

51 33.4 32.0 48.0

86 64.3 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VY003038.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003038.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003038.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003038.D (-441) (-)

4.73

50000

40000

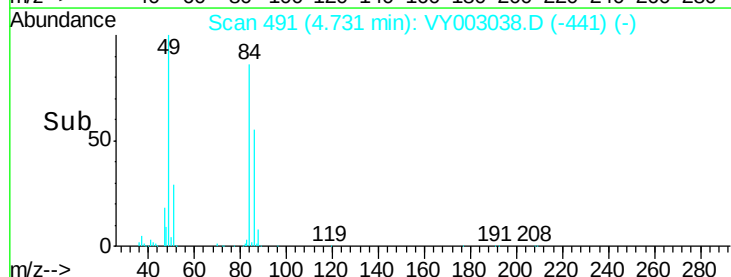
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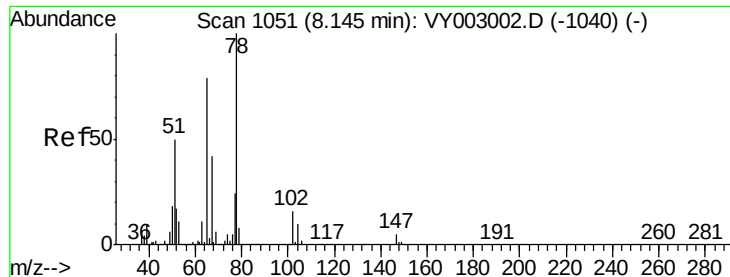
20000

10000

0

Time-->

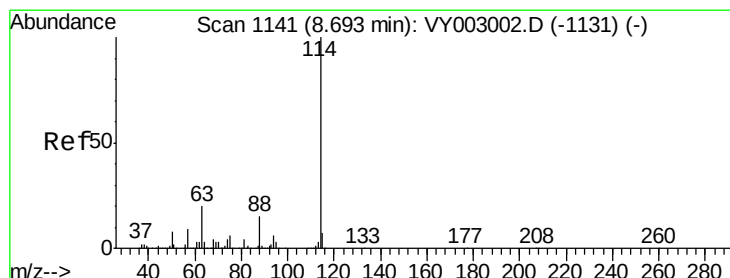
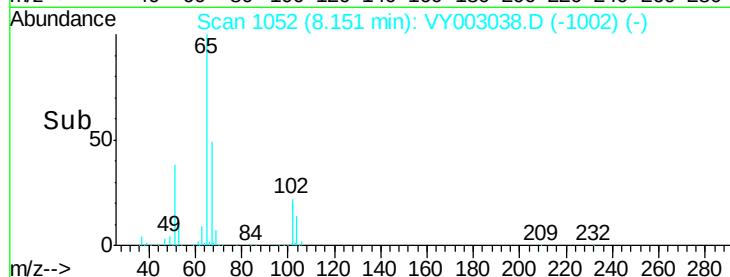
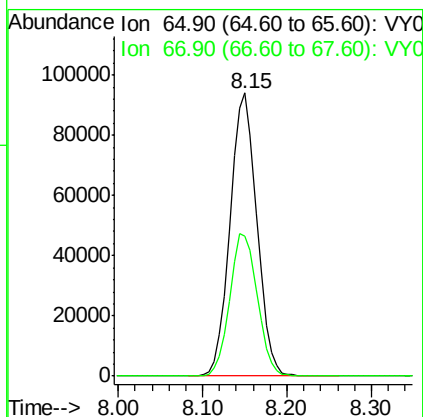
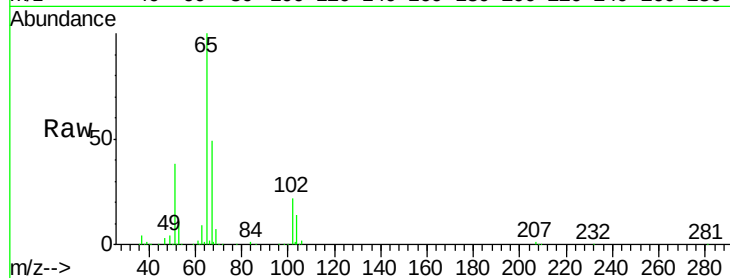




#33
 1,2-Dichloroethane-d4
 Concen: 54.028 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003038.D
 Acq: 30 Jun 2020 16:27

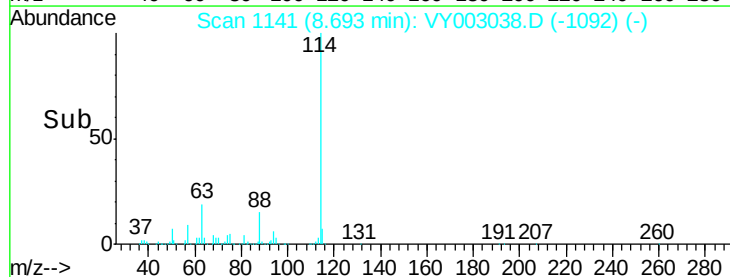
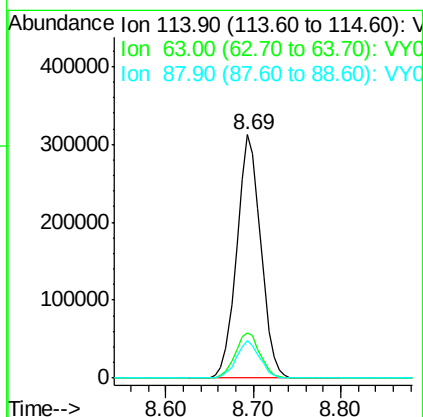
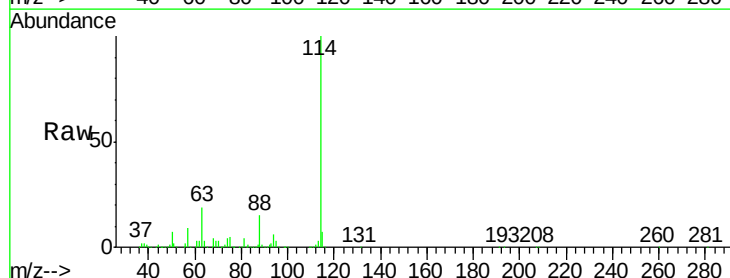
Instrument :
 MSVOA_Y
 ClientSampled :
 SP2-H

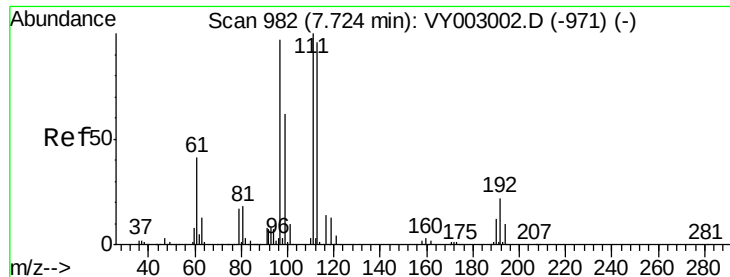
Tot Ion: 65 Resp: 202328
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003038.D
 Acq: 30 Jun 2020 16:27

Tgt Ion: 114 Resp: 596464
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.6
 88 15.4 0.0 30.0

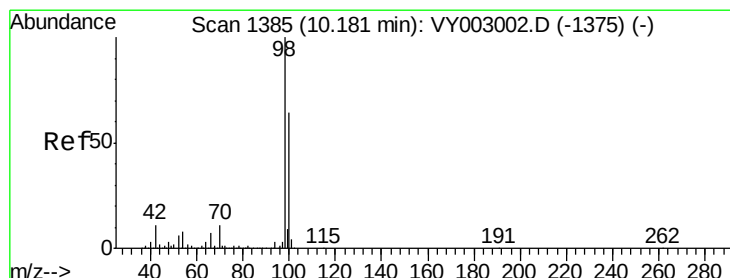
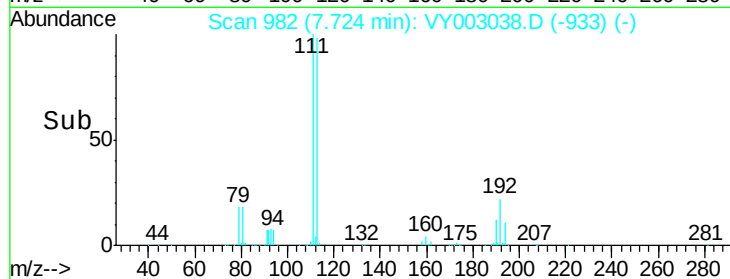
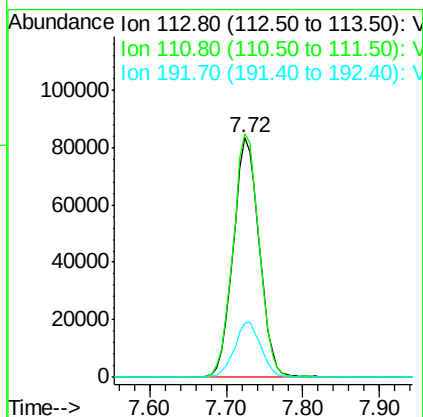
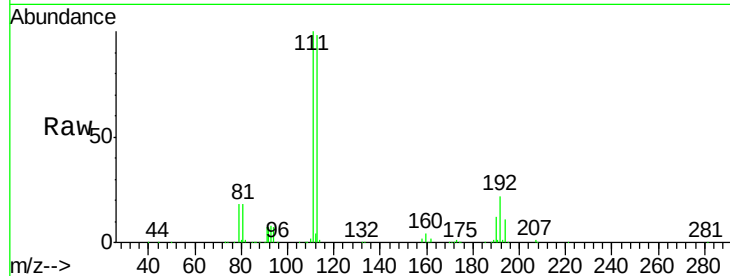




#35
Dibromofluoromethane
Concen: 52.848 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003038.D
Acq: 30 Jun 2020 16:27

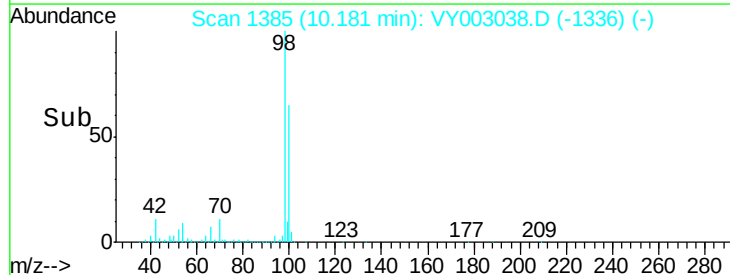
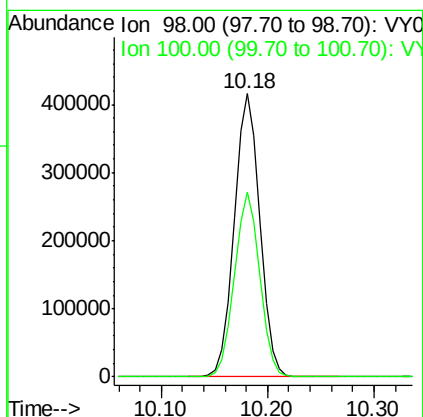
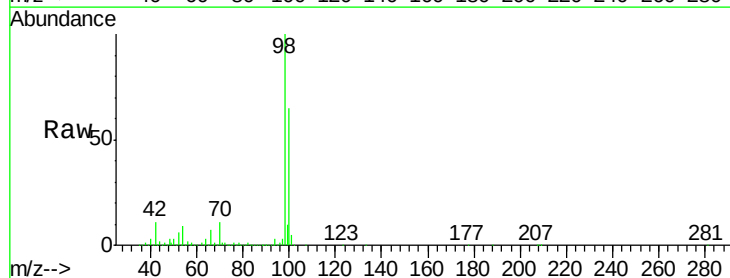
Instrument :
MSVOA_Y
ClientSampled :
SP2-H

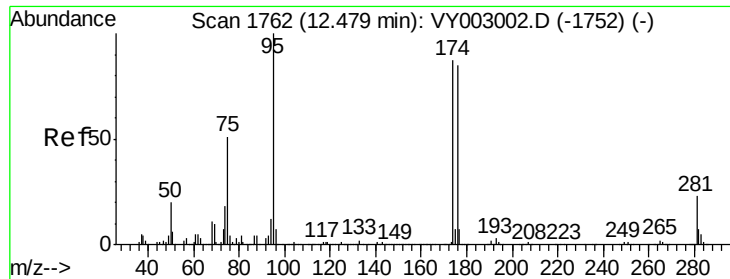
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	23.4	18.1	27.1



#50
Toluene-d8
Concen: 50.707 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003038.D
Acq: 30 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.1	76.7

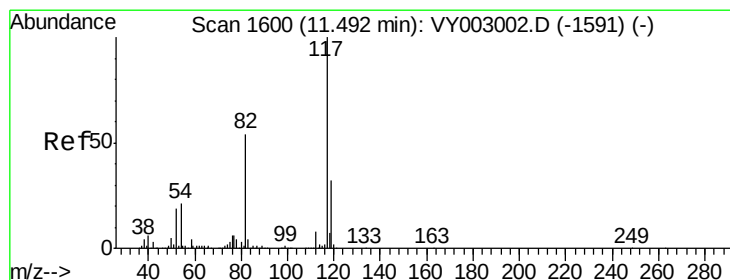
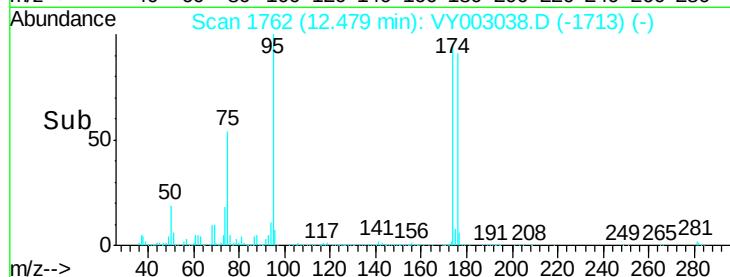
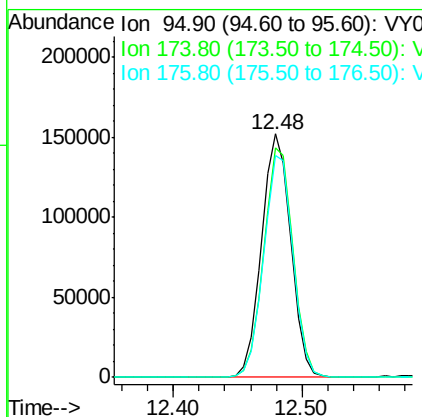
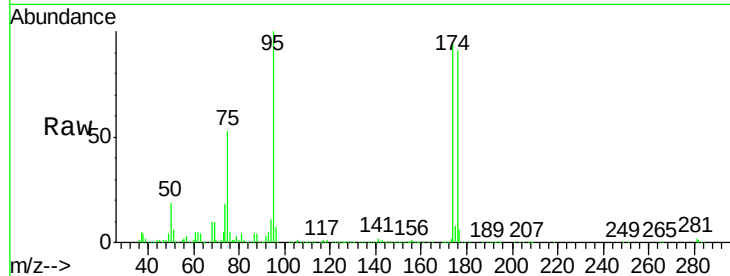




#62
4-Bromofluorobenzene
Concen: 48.675 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003038.D
Acq: 30 Jun 2020 16:27

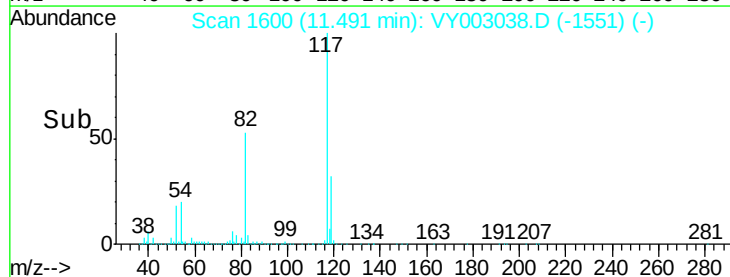
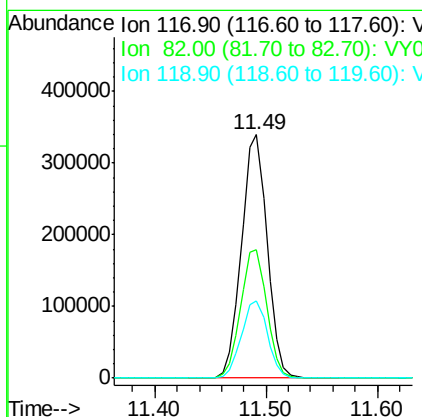
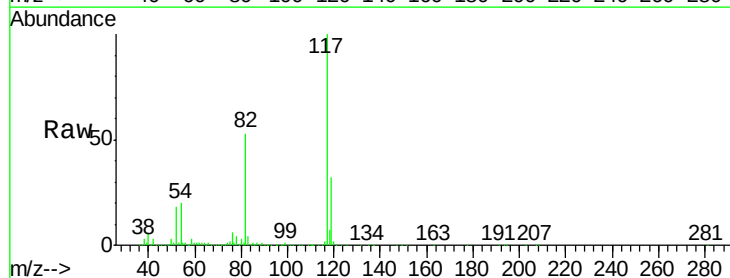
Instrument :
MSVOA_Y
ClientSampleId :
SP2-H

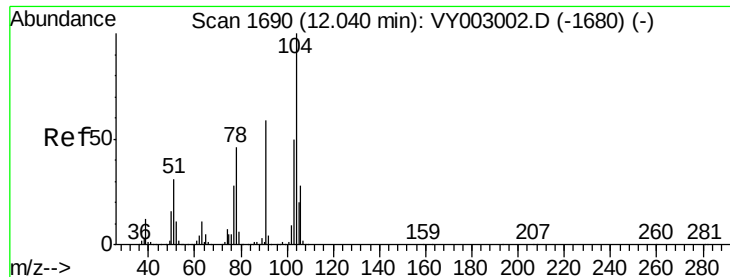
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	184.8
176	92.1	0.0	183.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003038.D
Acq: 30 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.0	64.6
119	31.9	25.8	38.8

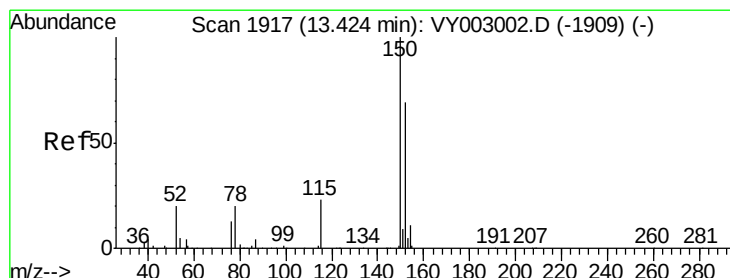
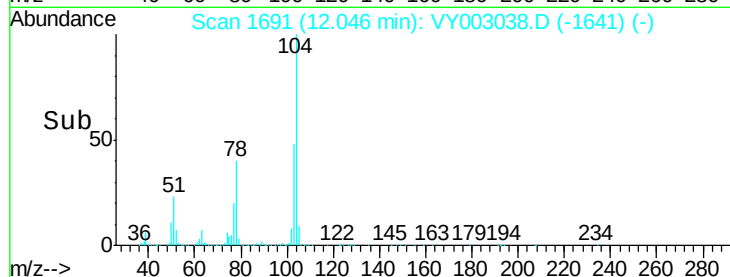
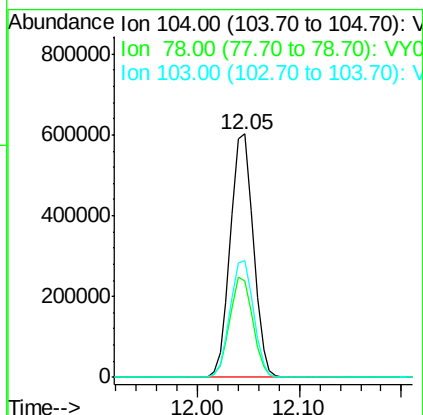
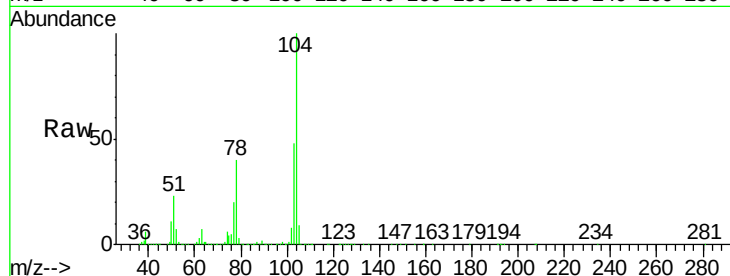




#70
Stvrene
Concen: 79.689 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003038.D
Acq: 30 Jun 2020 16:27

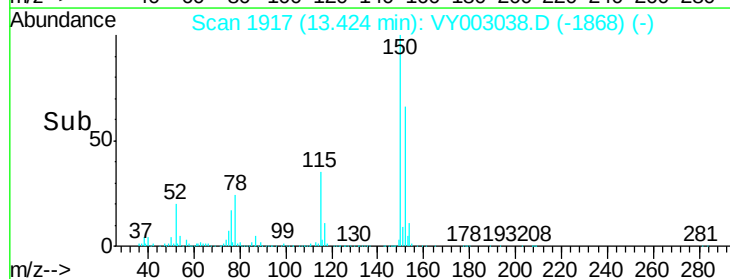
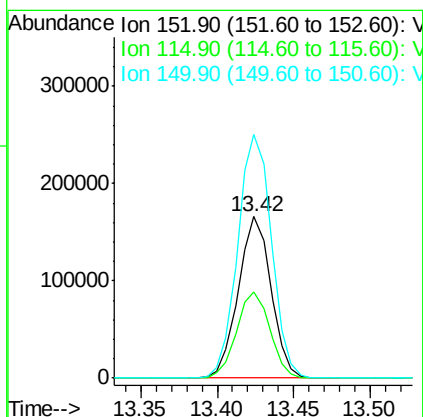
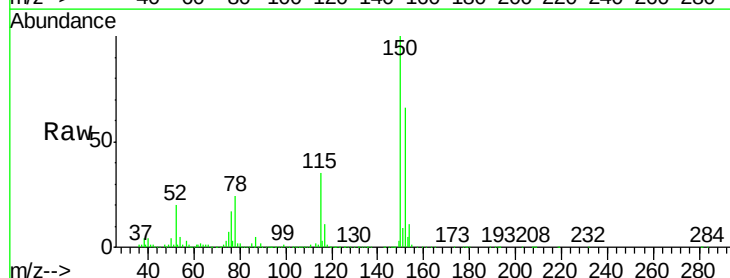
Instrument :
MSVOA_Y
ClientSampleId :
SP2-H

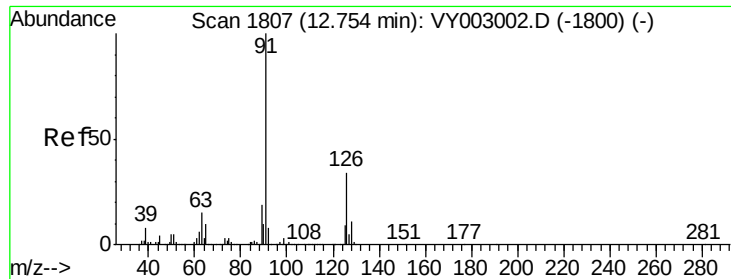
Tot Ion	Ratio	Lower	Upper
104	100		
78	41.3	40.4	60.6
103	48.9	44.1	66.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003038.D
Acq: 30 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.3	81.9
150	155.0	0.0	343.4





#79

2-Chlorotoluene

Concen: 3.742 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003038.D

Acq: 30 Jun 2020 16:27

Instrument :

MSVOA_Y

ClientSampled :

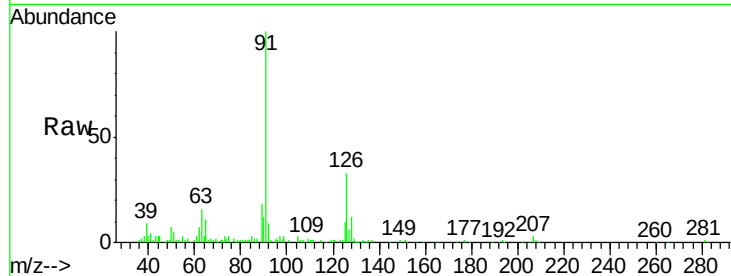
SP2-H

Tot Ion: 91 Resp: 40573

Ion Ratio Lower Upper

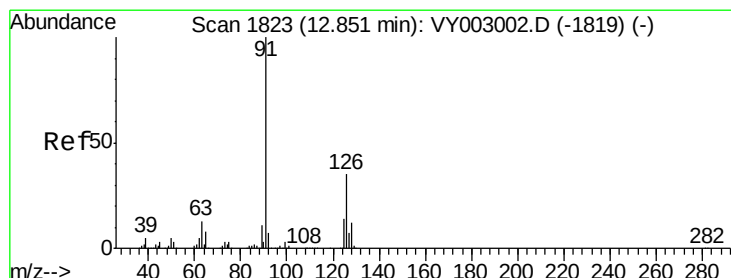
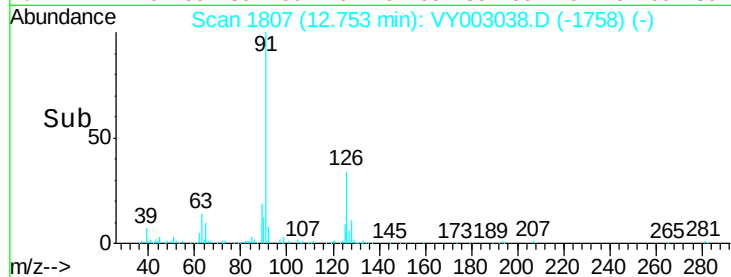
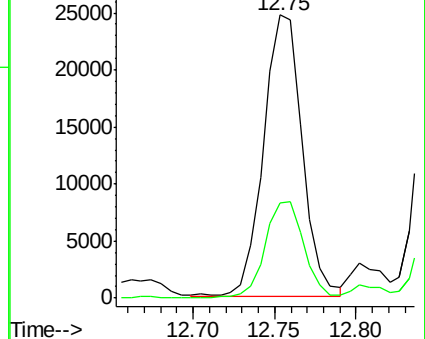
91 100

126 34.6 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#82

4-Chlorotoluene

Concen: 6.756 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003038.D

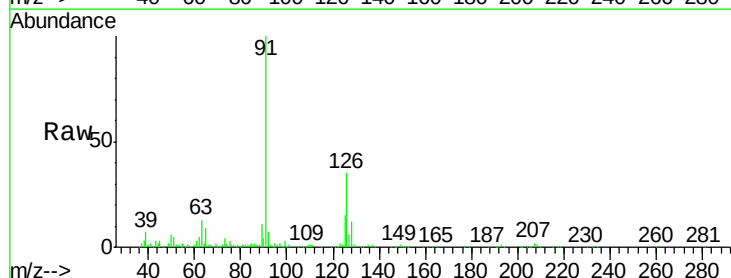
Acq: 30 Jun 2020 16:27

Tgt Ion: 91 Resp: 76268

Ion Ratio Lower Upper

91 100

126 35.9 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

