

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003356.D
 Acq On : 27 Jul 2020 15:13
 Operator : SY/MD
 Sample : L3436-08
 Misc : 6.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 8

Quant Time: Jul 28 05:24:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

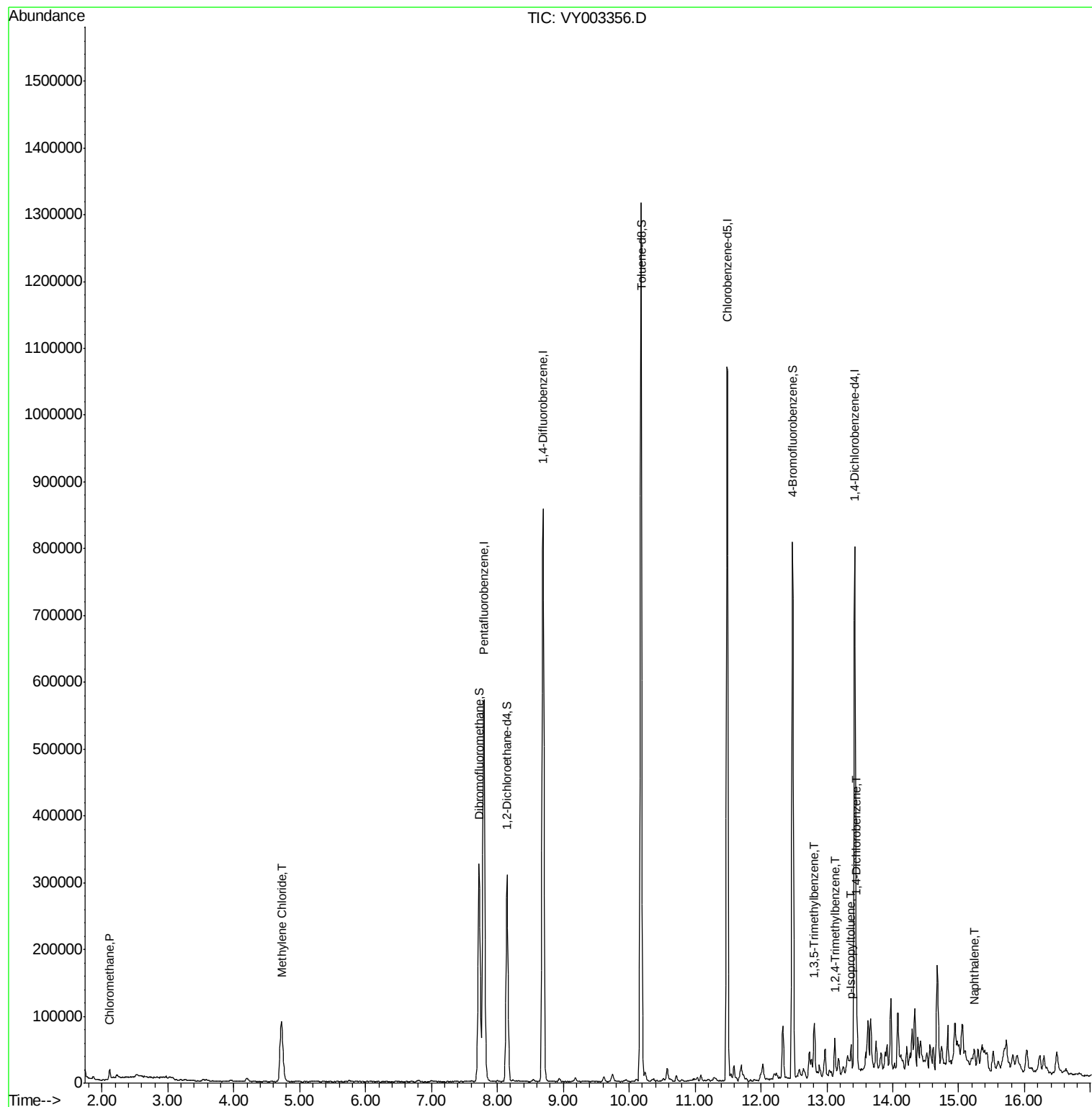
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	480664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	735131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	611992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	203089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	238647	58.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.64%	
35) Dibromofluoromethane	7.72	113	227807	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
50) Toluene-d8	10.18	98	868174	55.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.40%	
62) 4-Bromofluorobenzene	12.48	95	232072	40.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.68%	
Target Compounds						
3) Chloromethane	2.12	50	12363	2.587	ug/l	95
20) Methylene Chloride	4.72	84	72460	11.681	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	33893	3.142	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	28825	2.656	ug/l	97
86) p-Isopropyltoluene	13.37	119	20088	1.645	ug/l	97
88) 1,4-Dichlorobenzene	13.45	146	8682	1.406	ug/l #	67
95) Naphthalene	15.23	128	18218	2.830	ug/l	98

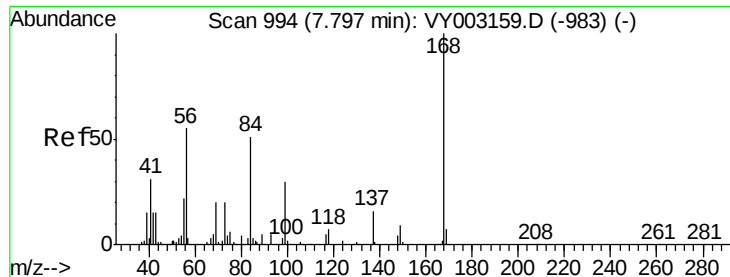
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
Data File : VY003356.D
Acq On : 27 Jul 2020 15:13
Operator : SY/MD
Sample : L3436-08
Misc : 6.27G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
8

Quant Time: Jul 28 05:24:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 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: VY003356.D

Acq: 27 Jul 2020 15:13

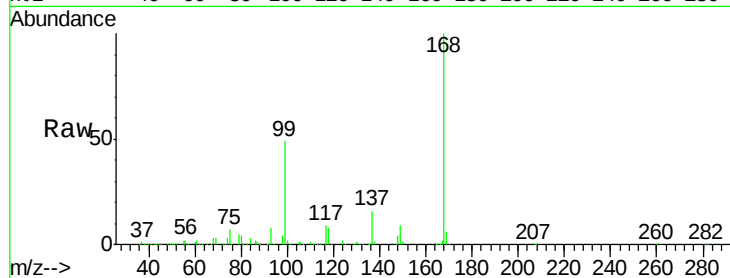
Instrument :
MSVOA_Y
ClientSampleId :
8

Tot Ion:168 Resp: 480664

Ion Ratio Lower Upper

168 100

99 48.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003356.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003356.D (-945) (-)

7.80

250000

200000

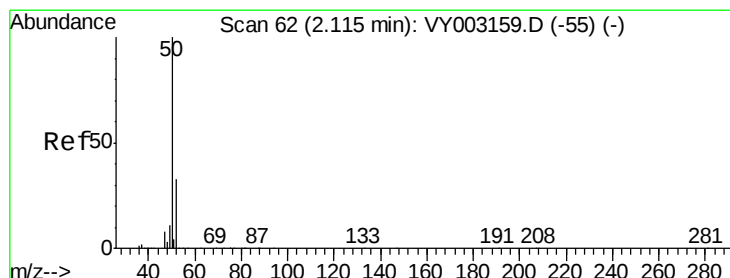
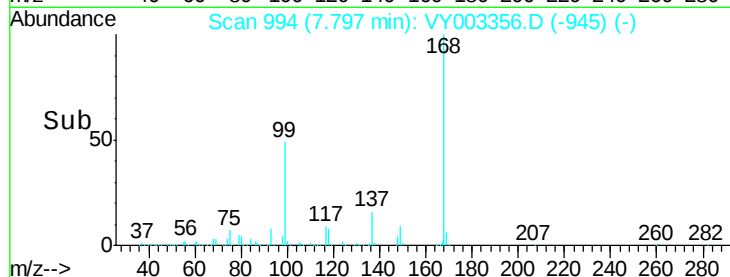
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 2.587 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003356.D

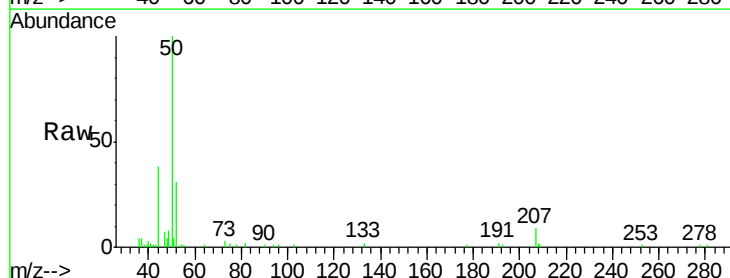
Acq: 27 Jul 2020 15:13

Tgt Ion: 50 Resp: 12363

Ion Ratio Lower Upper

50 100

52 30.6 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY003356.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003356.D (-13) (-)

2.12

10000

8000

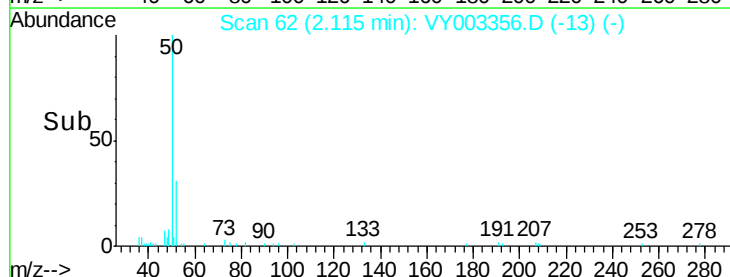
6000

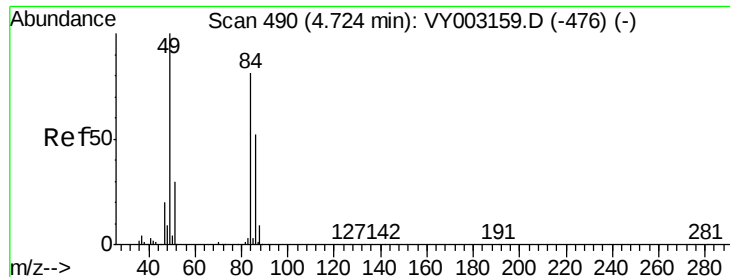
4000

2000

0

Time-->

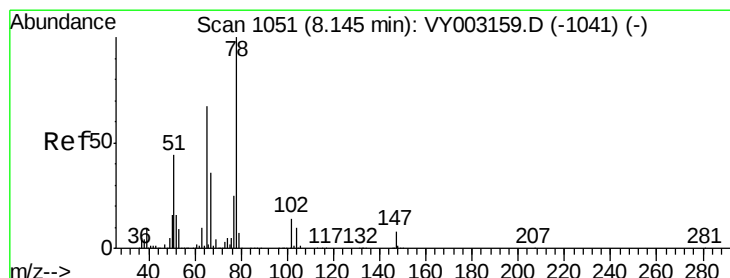
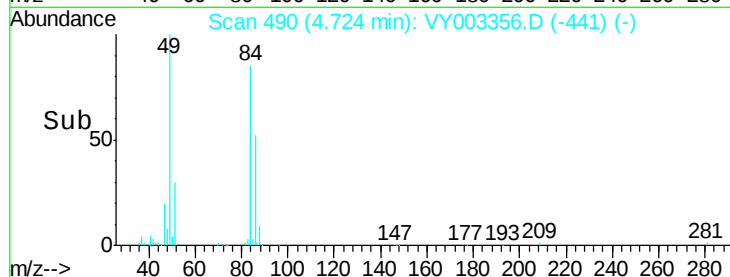
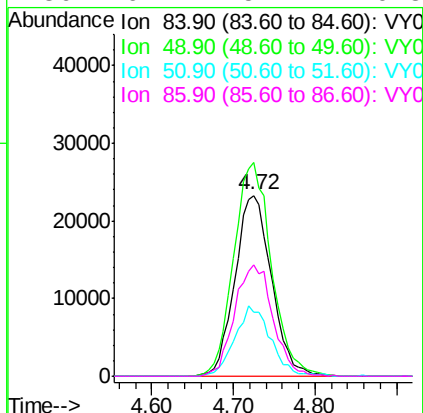
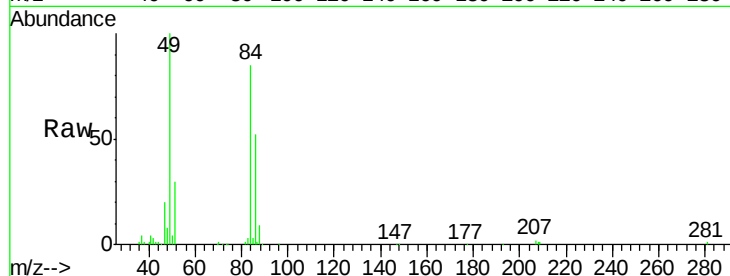




#20
Methylene Chloride
Concen: 11.681 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003356.D
Acq: 27 Jul 2020 15:13

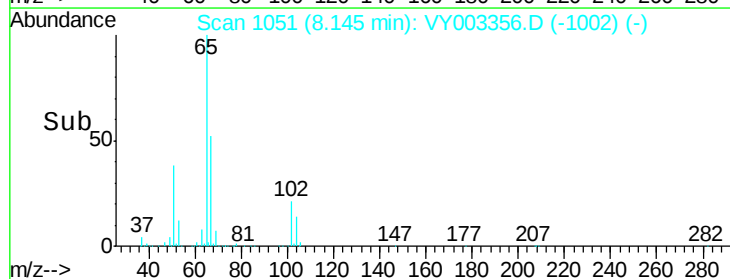
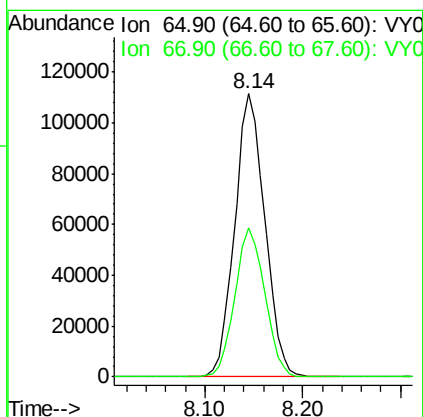
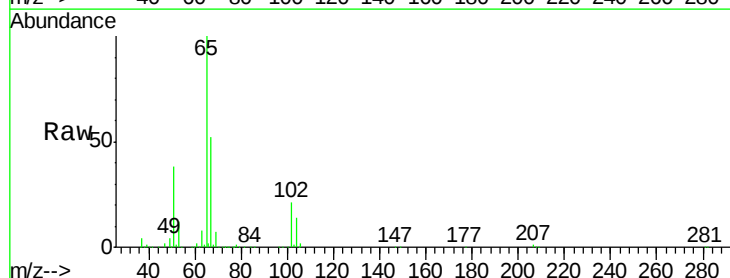
Instrument :
MSVOA_Y
ClientSampleId :
8

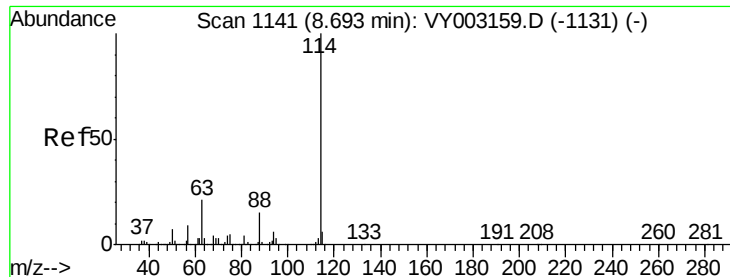
Tot Ion:	84	Resp:	72460
Ion	Ratio	Lower	Upper
84	100		
49	118.2	98.2	147.4
51	35.1	29.8	44.6
86	61.7	51.2	76.8



#33
1,2-Dichloroethane-d4
Concen: 58.824 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003356.D
Acq: 27 Jul 2020 15:13

Tgt Ion:	65	Resp:	238647
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.2

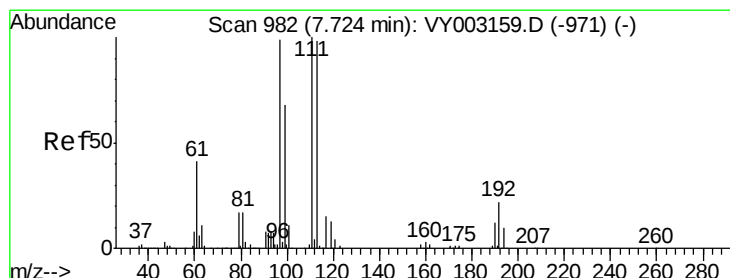
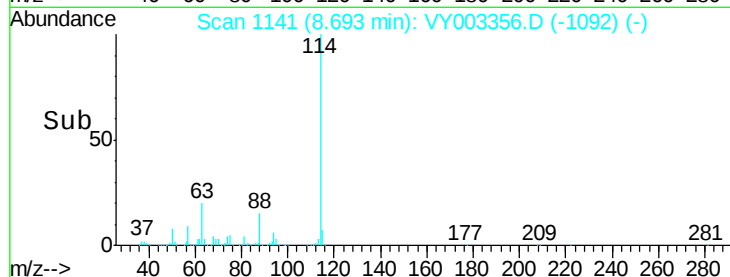
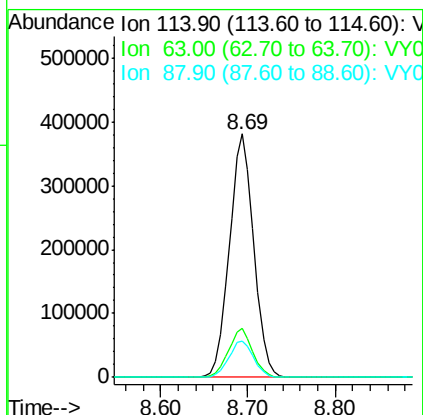
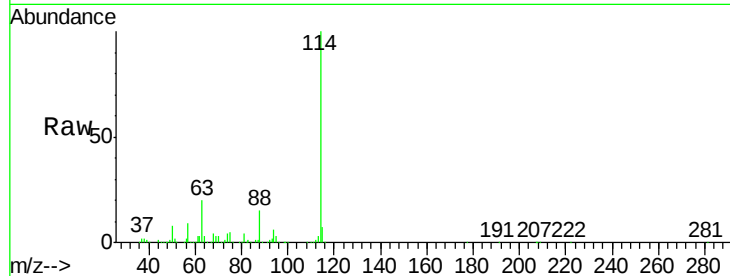




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003356.D
 Acq: 27 Jul 2020 15:13

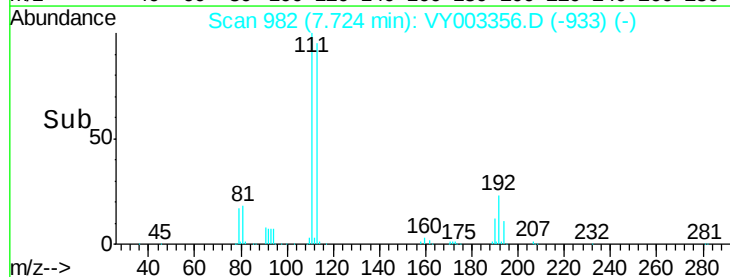
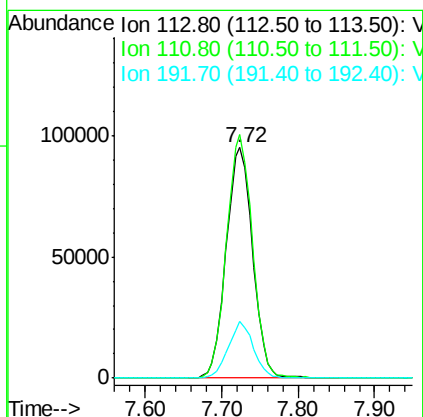
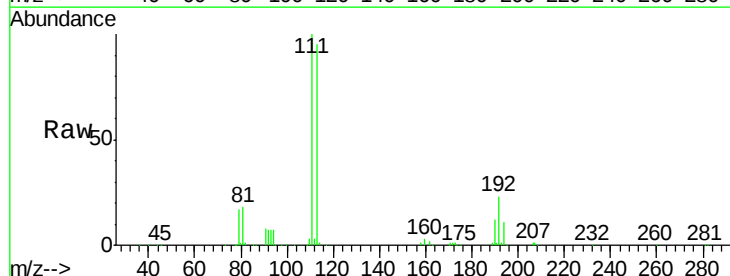
Instrument :
 MSVOA_Y
 ClientSampleId :
 8

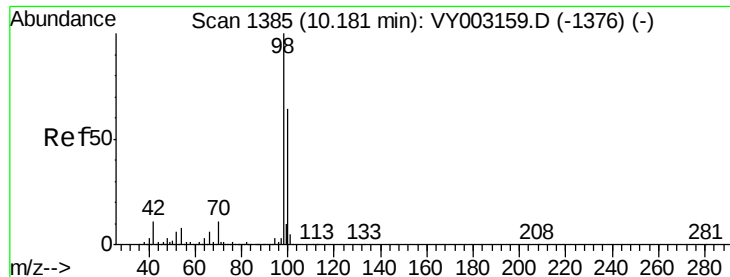
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.2
88	14.9	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 53.849 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003356.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.1	123.1
192	23.2	18.8	28.2





#50

Toluene-d8

Concen: 55.198 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003356.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_Y

ClientSampleId :

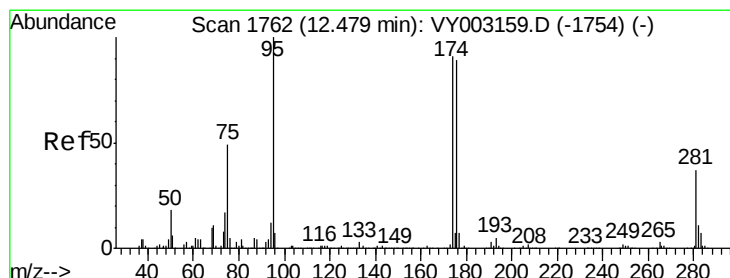
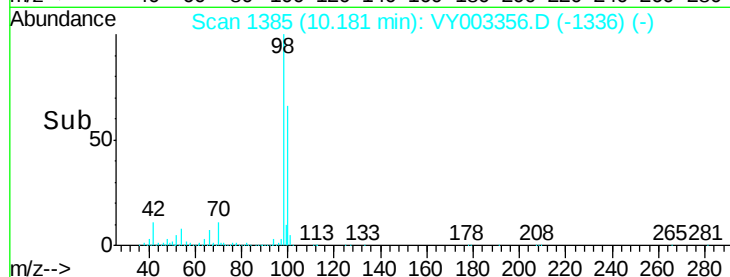
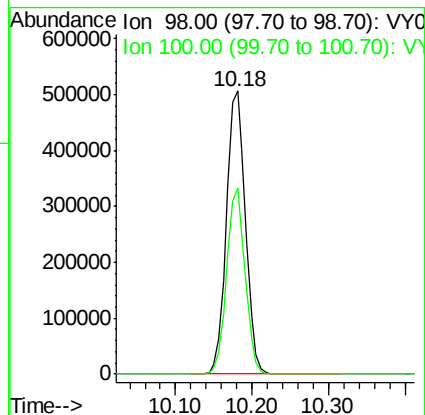
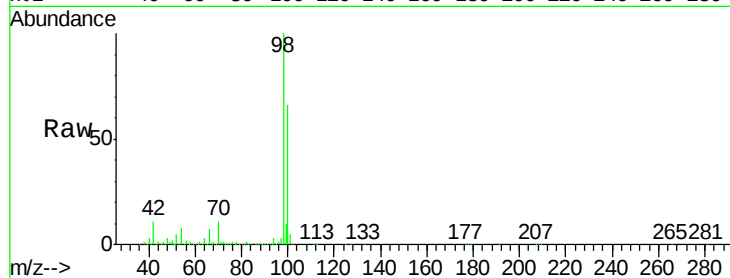
8

Tot Ion: 98 Resp: 868174

Ion Ratio Lower Upper

98 100

100 64.0 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 40.843 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003356.D

Acq: 27 Jul 2020 15:13

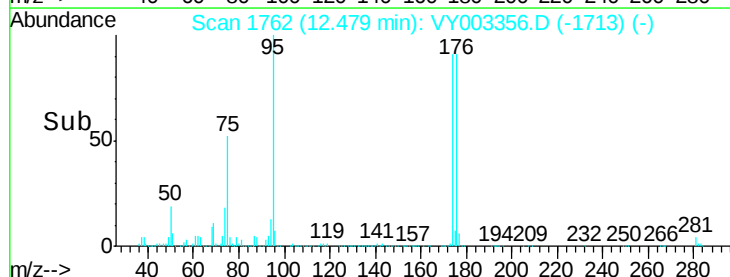
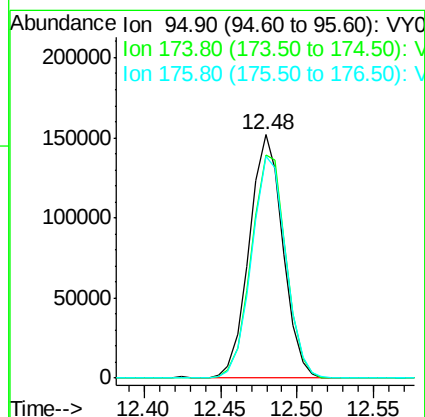
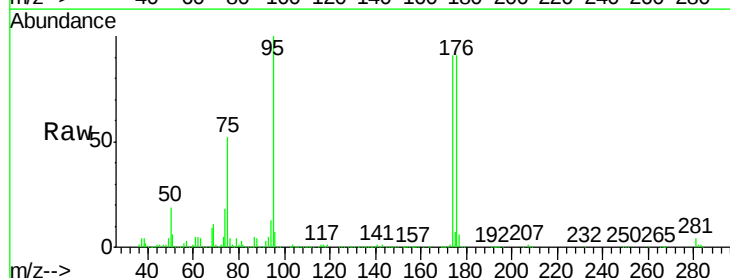
Tgt Ion: 95 Resp: 232072

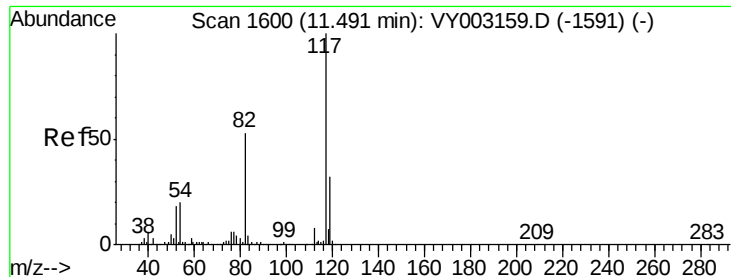
Ion Ratio Lower Upper

95 100

174 94.3 0.0 190.6

176 92.8 0.0 186.4

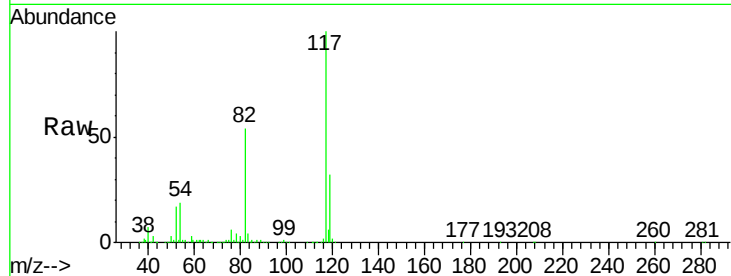




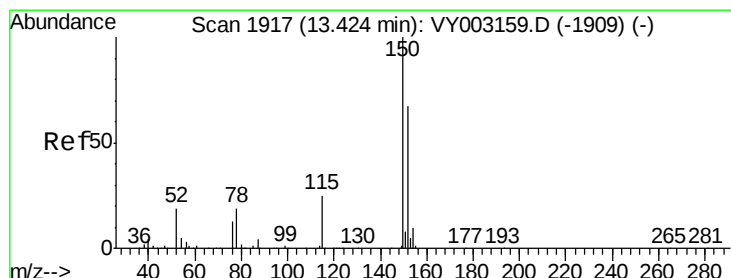
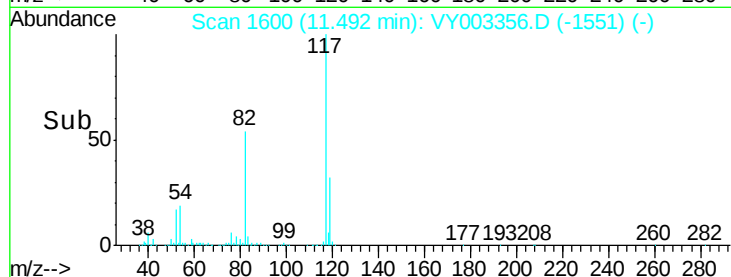
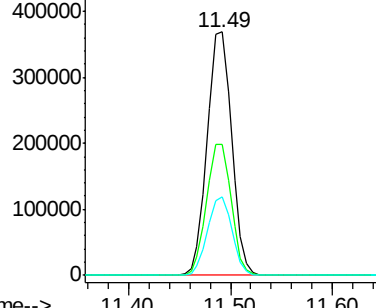
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003356.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :
8

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.0	63.0
119	32.5	25.5	38.3

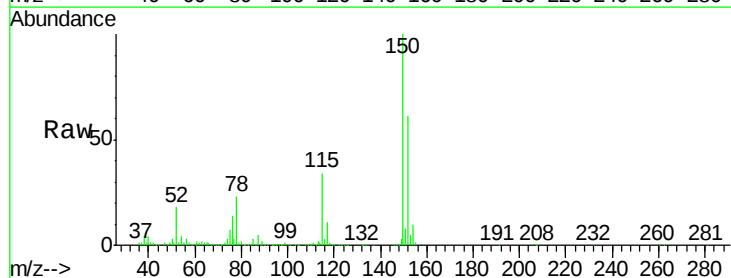


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

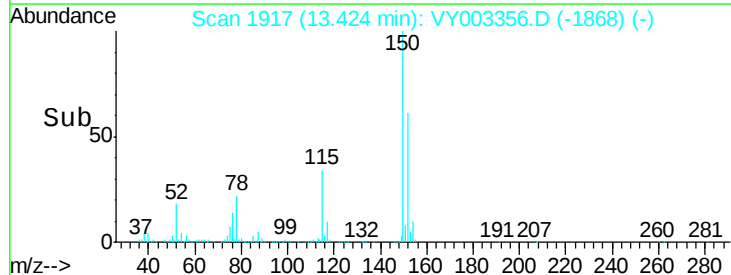
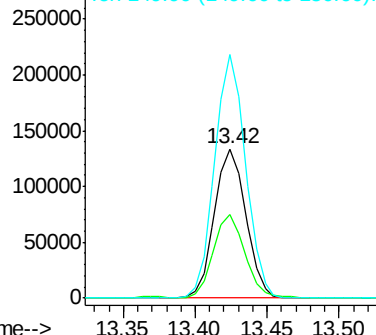


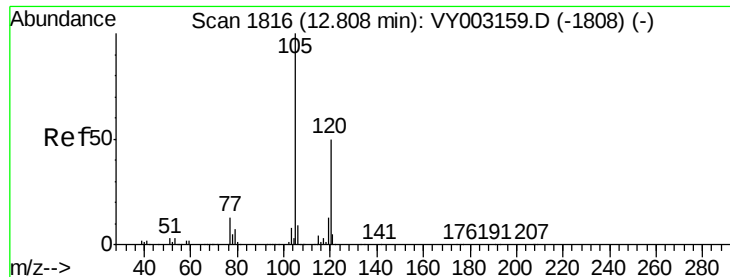
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003356.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	26.9	80.7
150	160.0	0.0	338.0



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





#80

1,3,5-Trimethylbenzene

Concen: 3.142 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003356.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_Y

ClientSampleId :

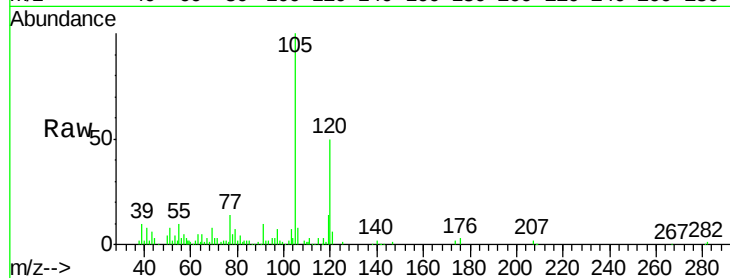
8

Tot Ion:105 Resp: 33893

Ion Ratio Lower Upper

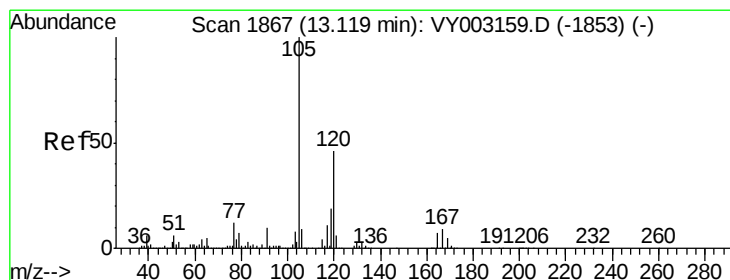
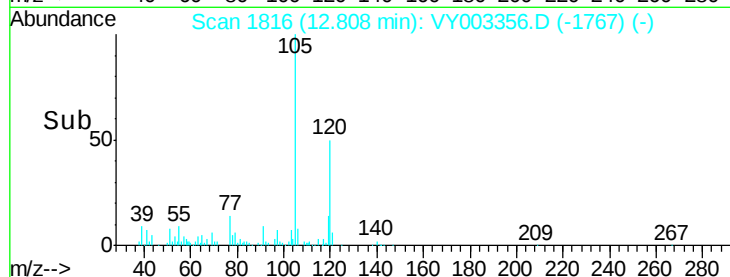
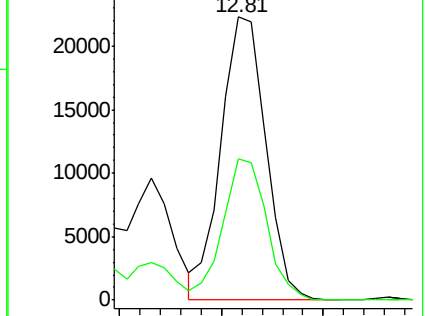
105 100

120 48.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 2.656 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003356.D

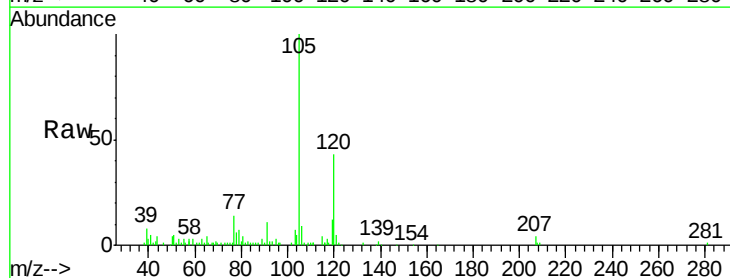
Acq: 27 Jul 2020 15:13

Tgt Ion:105 Resp: 28825

Ion Ratio Lower Upper

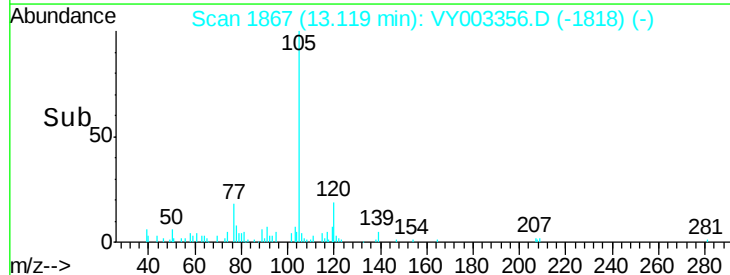
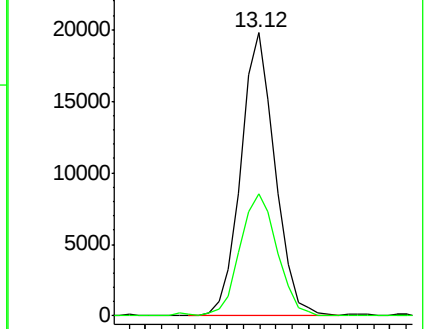
105 100

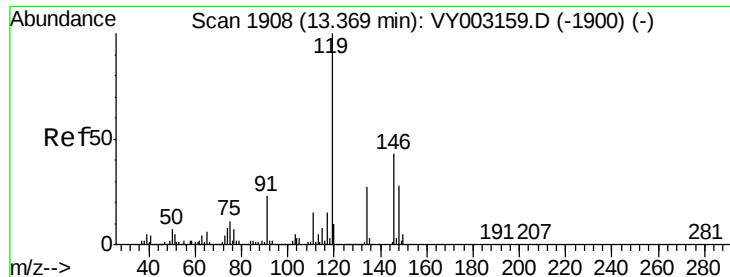
120 47.1 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

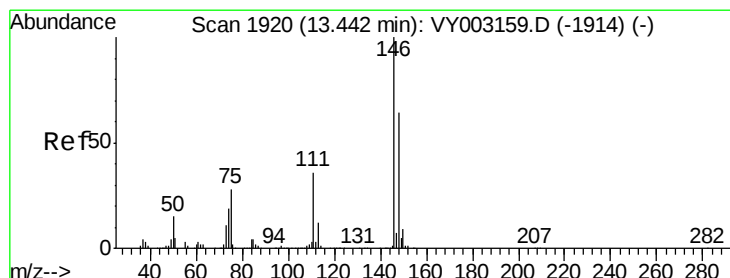
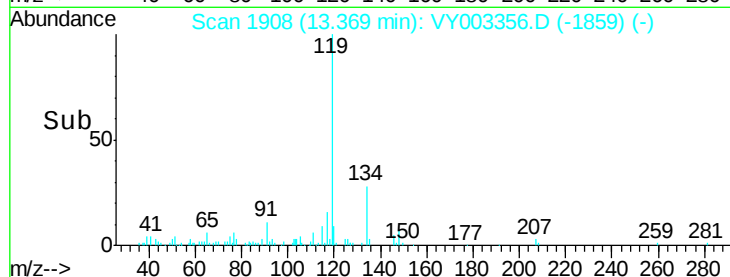
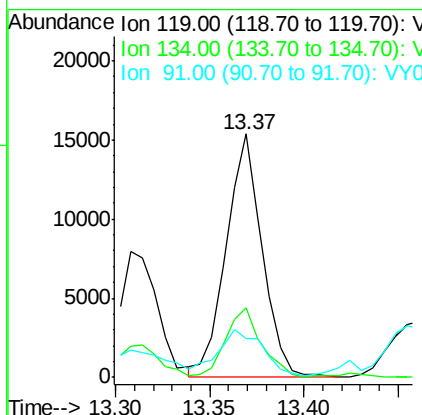
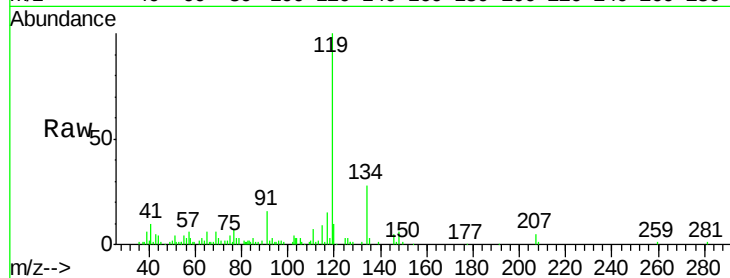




#86
p-Isopropyltoluene
Concen: 1.645 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VY003356.D
Acq: 27 Jul 2020 15:13

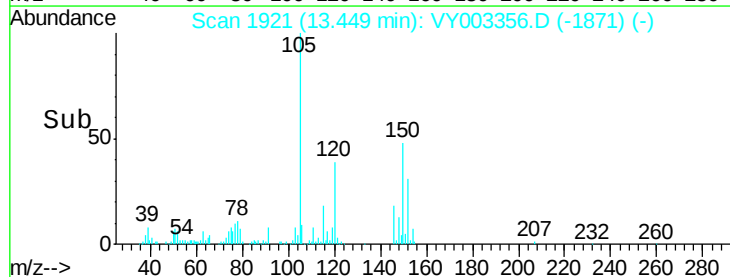
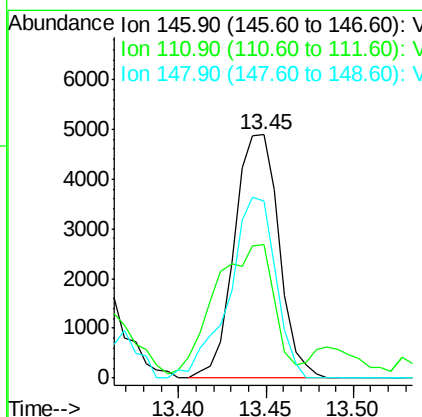
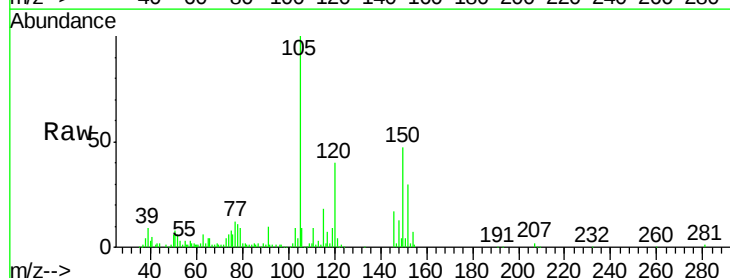
Instrument :
MSVOA_Y
ClientSampled :
8

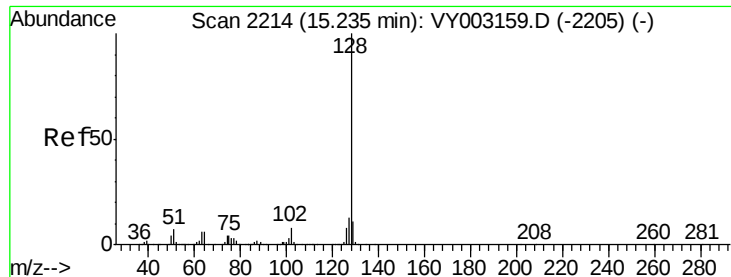
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.7	13.4	40.2
91	23.9	11.2	33.6



#88
1,4-Dichlorobenzene
Concen: 1.406 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. 0.01 min
Lab File: VY003356.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	72.0	18.4	55.0#
148	77.9	32.0	96.0

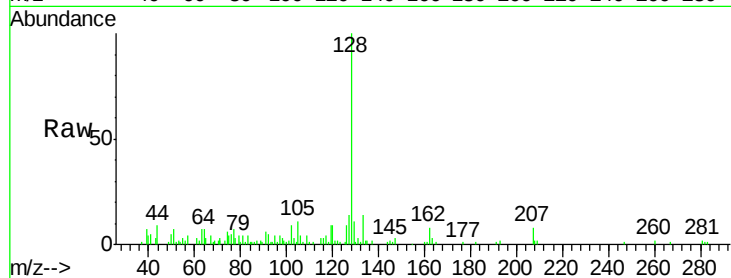




#95
Naphthalene
Concen: 2.830 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003356.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :
8

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.9	16.3
129	12.2	9.0	13.6



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

