

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004932.D
 Acq On : 03 Jun 2021 13:30
 Operator : SY/MD
 Sample : M2589-02
 Misc : 9.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B7(2-4)

Quant Time: Jun 04 01:15:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

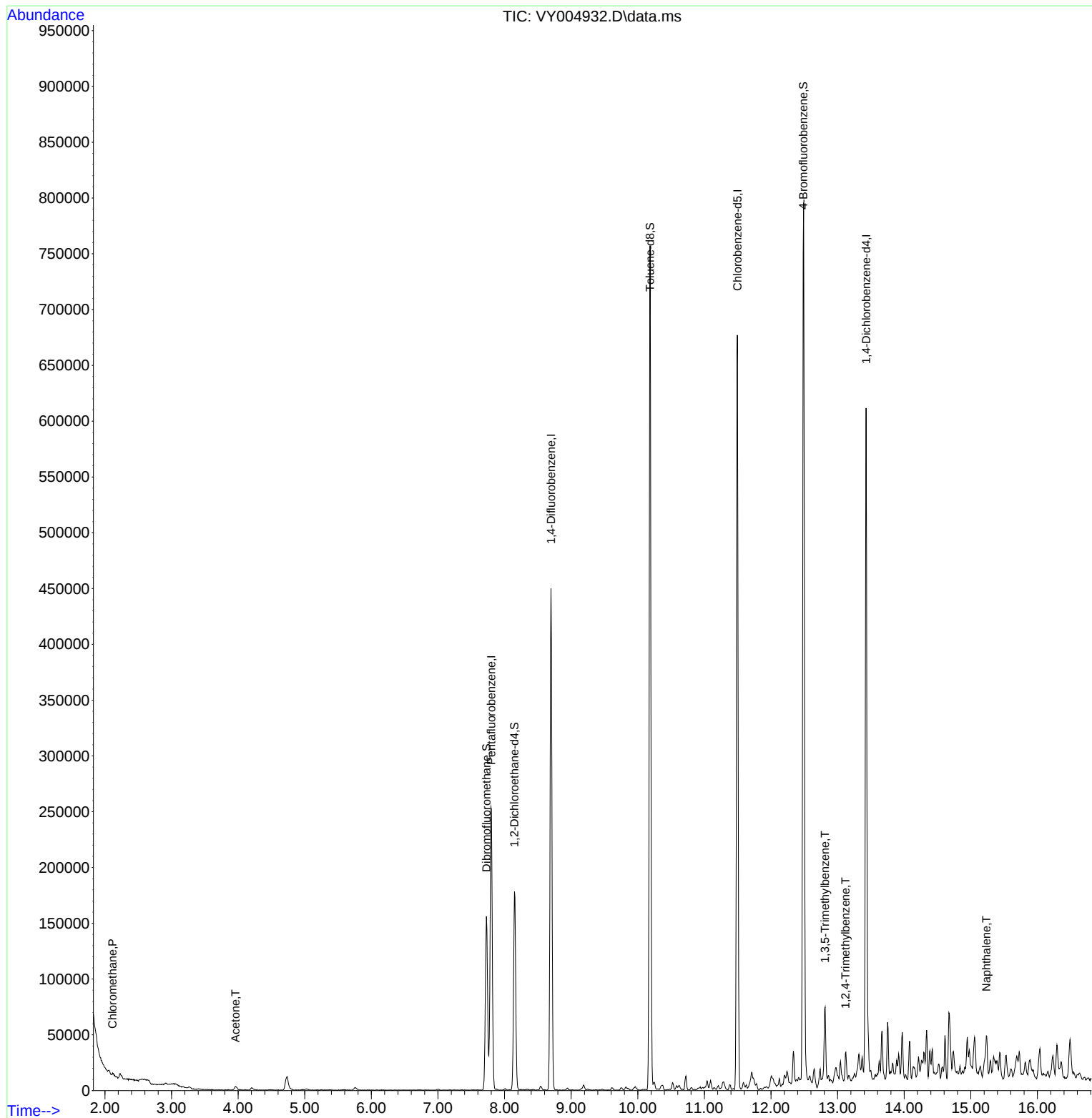
Internal Standards						
1) Pentafluorobenzene	7.801	168	192609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	368933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	363018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	137417	67.486	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.980%
35) Dibromofluoromethane	7.728	113	109856	55.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.700%
50) Toluene-d8	10.185	98	468905	56.881	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.760%
62) 4-Bromofluorobenzene	12.483	95	159922	56.408	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.820%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	2448	1.025	ug/l #	88
16) Acetone	3.960	43	5816	11.865	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	16568	1.841	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	13593	1.520	ug/l	96
95) Naphthalene	15.233	128	26810	4.737	ug/l	97

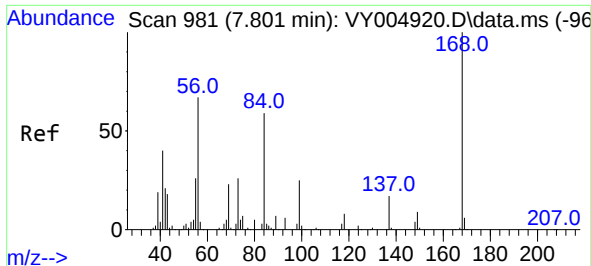
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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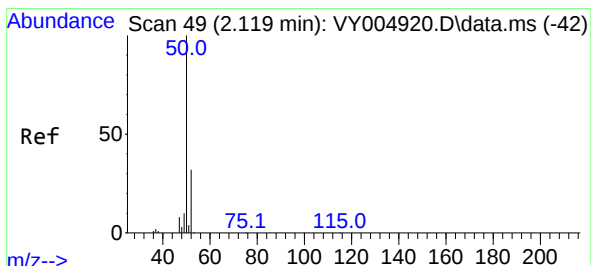
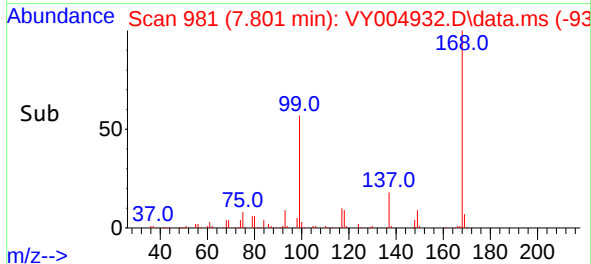
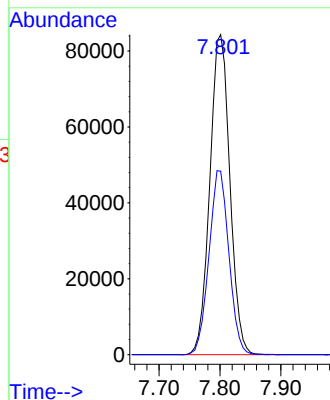
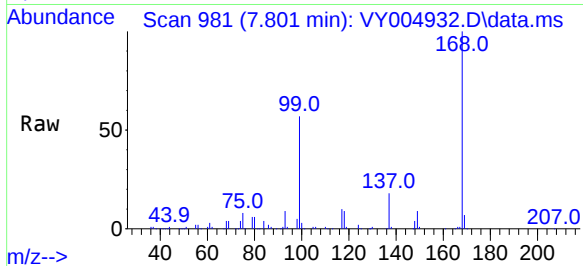




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

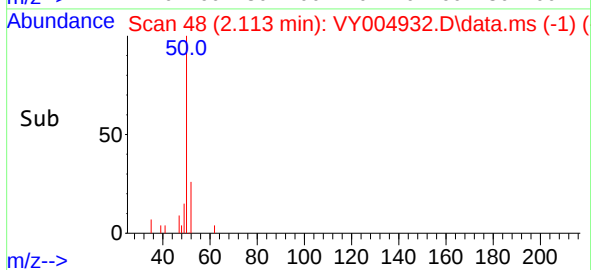
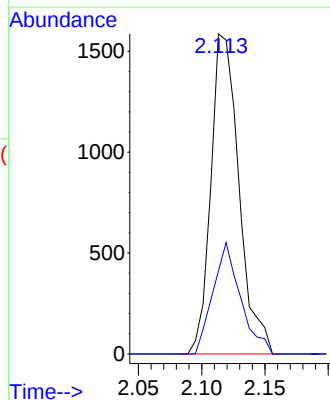
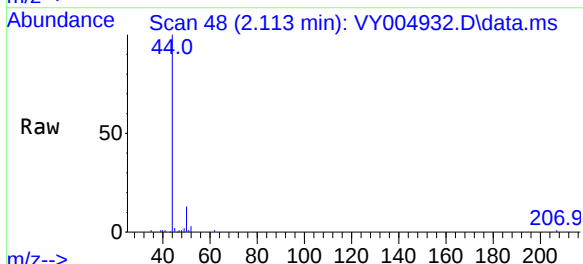
Instrument :
MSVOA_Y
ClientSampleId :
18-B7(2-4)

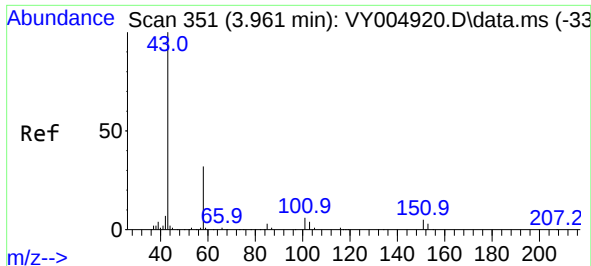
Tgt Ion:168 Resp: 192609
Ion Ratio Lower Upper
168 100
99 57.4 43.9 65.9



#3
Chloromethane
Concen: 1.025 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

Tgt Ion: 50 Resp: 2448
Ion Ratio Lower Upper
50 100
52 25.9 25.9 38.9#

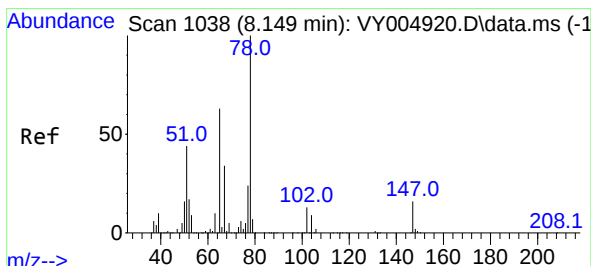
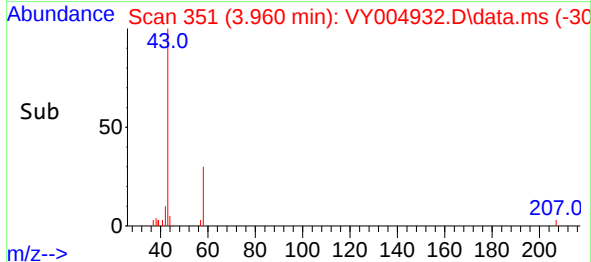
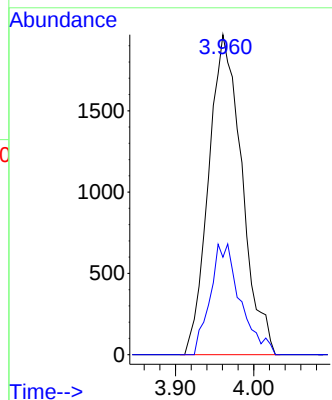
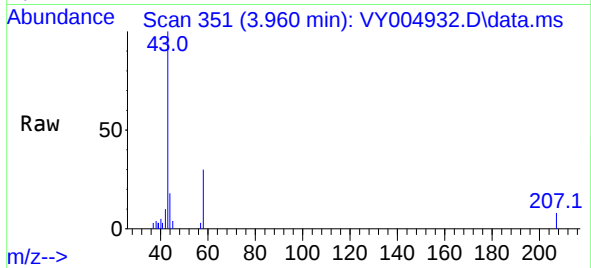




#16
Acetone
Concen: 11.865 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

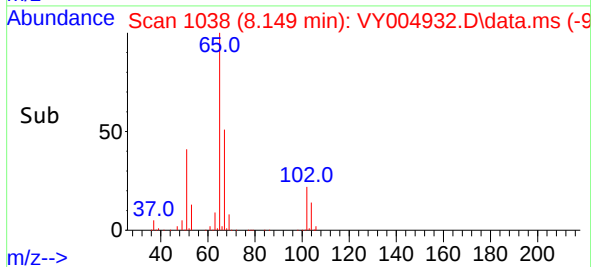
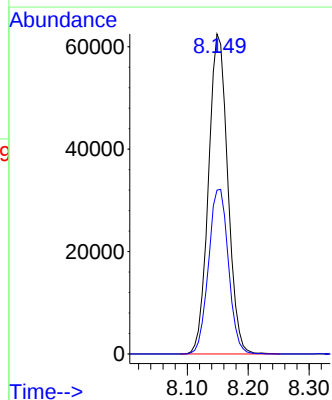
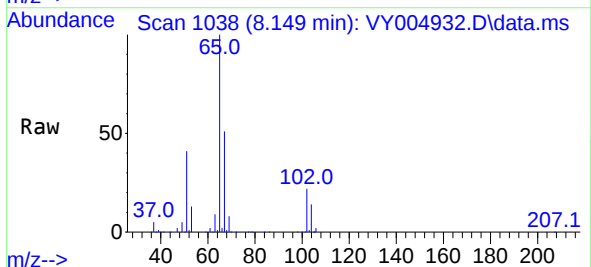
Instrument :
MSVOA_Y
ClientSampleId :
18-B7(2-4)

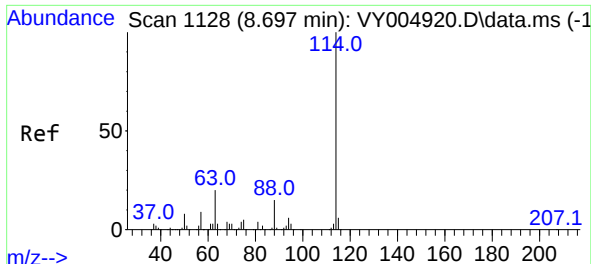
Tgt Ion: 43 Resp: 5816
Ion Ratio Lower Upper
43 100
58 30.4 25.3 37.9



#33
1,2-Dichloroethane-d4
Concen: 67.486 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

Tgt Ion: 65 Resp: 137417
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.6





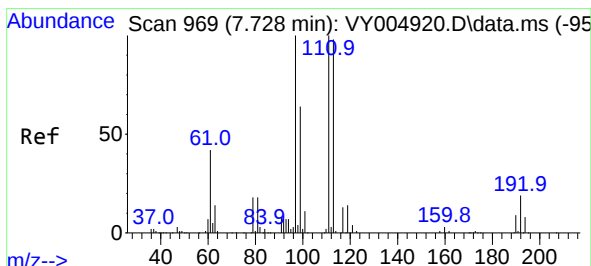
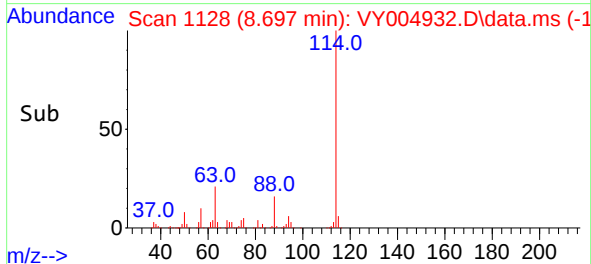
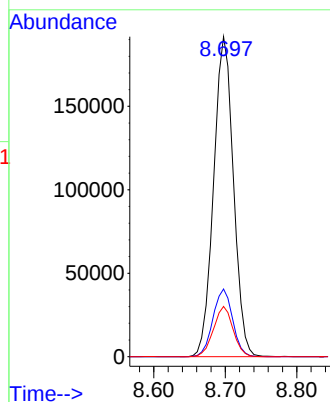
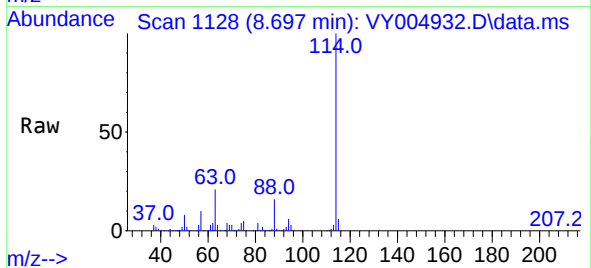
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

Instrument :
MSVOA_Y
ClientSampleId :
18-B7(2-4)

Tgt Ion:114 Resp: 368933

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.0
88	15.7	0.0	30.6

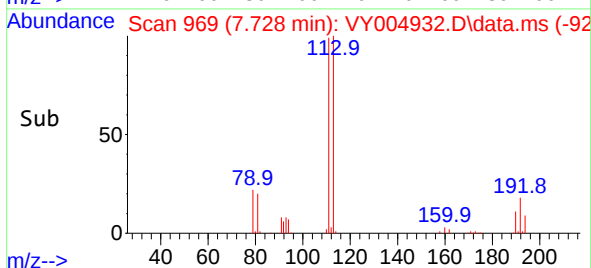
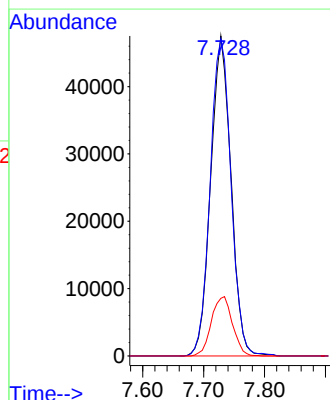
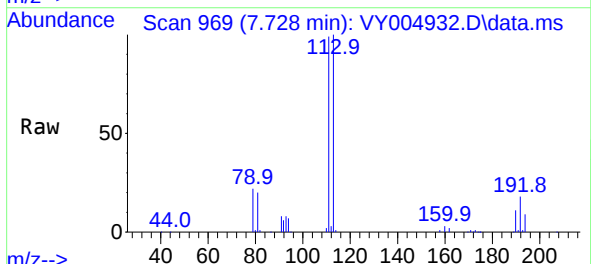


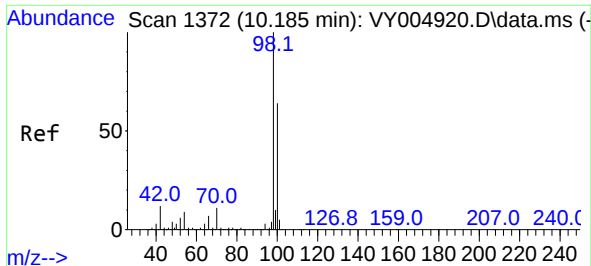
#35

Dibromofluoromethane
Concen: 55.346 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

Tgt Ion:113 Resp: 109856

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	19.3	15.3	22.9

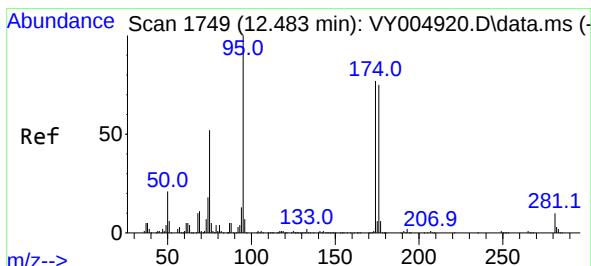
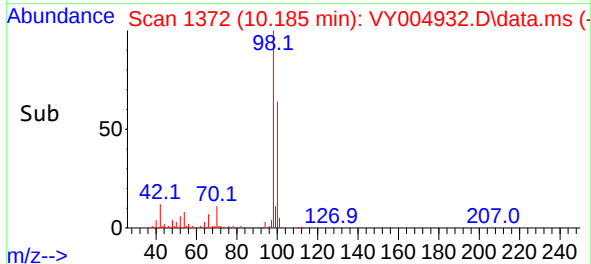
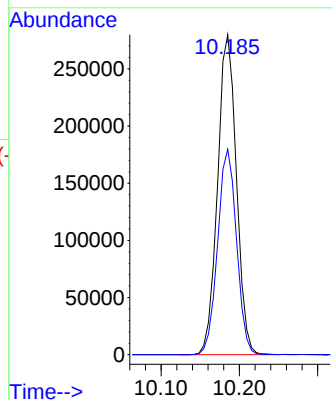
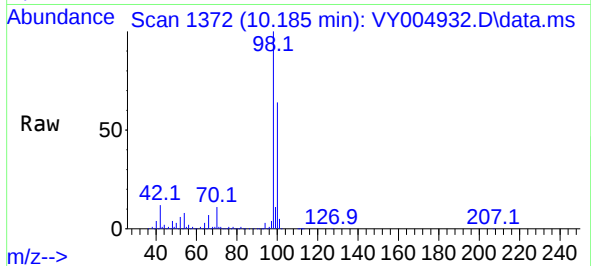




#50
Toluene-d8
Concen: 56.881 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

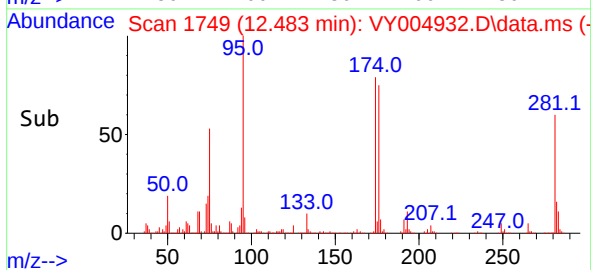
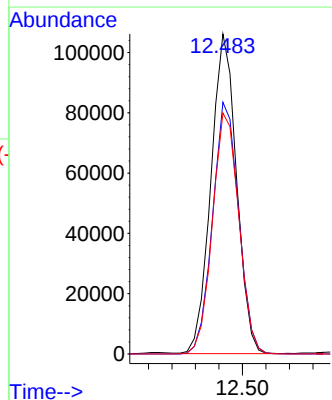
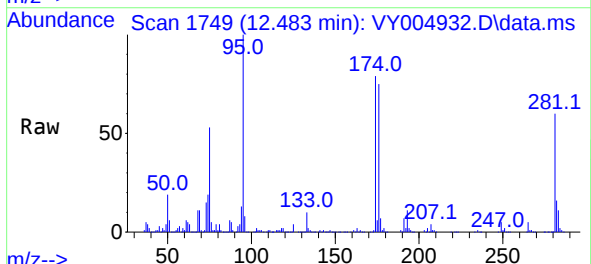
Instrument :
MSVOA_Y
ClientSampleId :
18-B7(2-4)

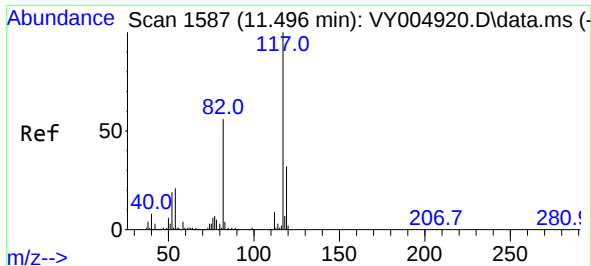
Tgt Ion: 98 Resp: 468905
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.408 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

Tgt Ion: 95 Resp: 159922
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.8
176 77.9 0.0 155.6

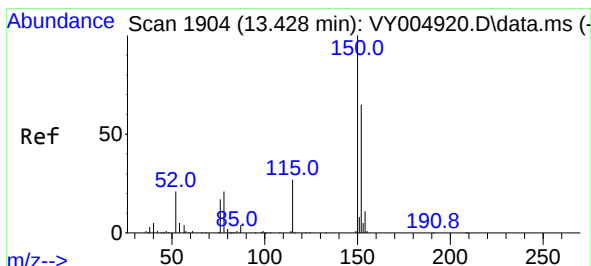
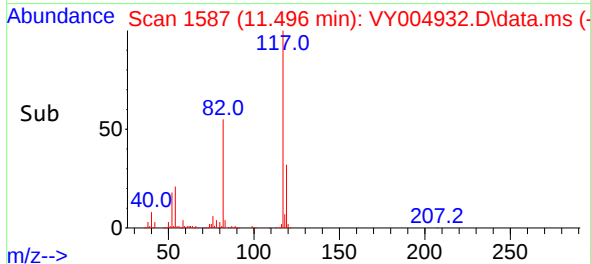
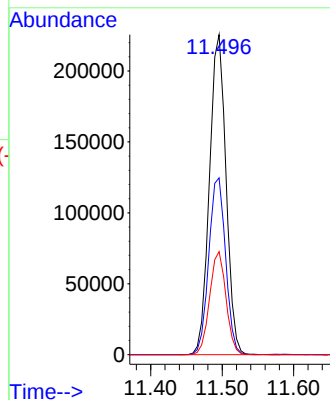
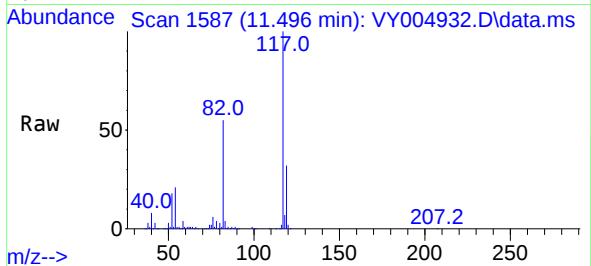




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

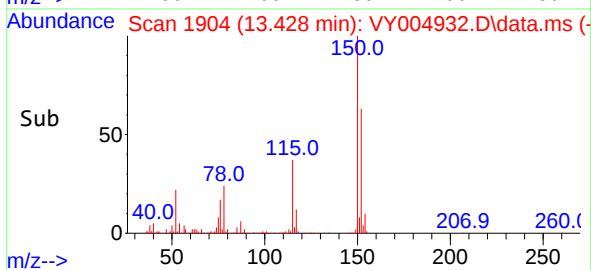
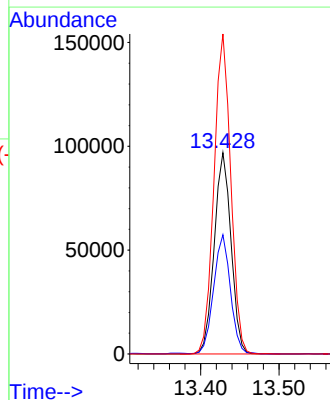
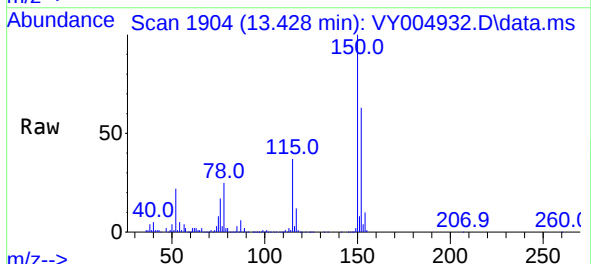
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18-B7(2-4)

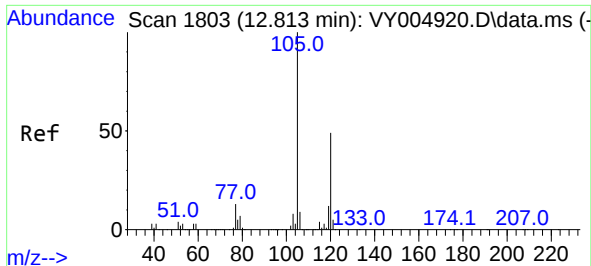
Tgt Ion:117 Resp: 363018
Ion Ratio Lower Upper
117 100
82 55.3 44.8 67.2
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

Tgt Ion:152 Resp: 144391
Ion Ratio Lower Upper
152 100
115 59.5 29.9 89.7
150 158.8 0.0 347.8

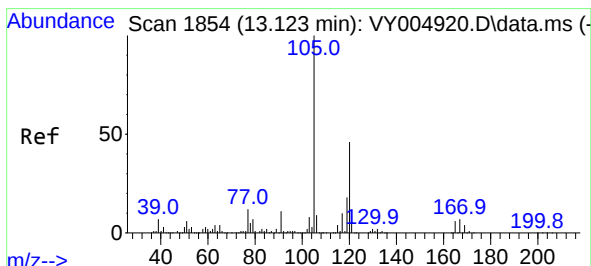
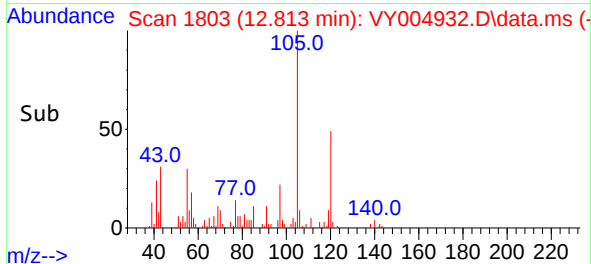
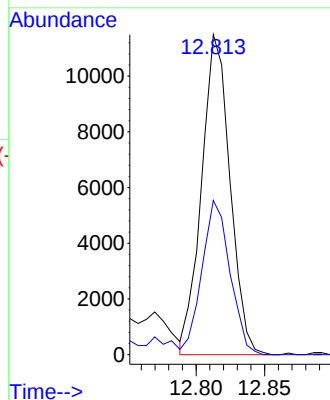
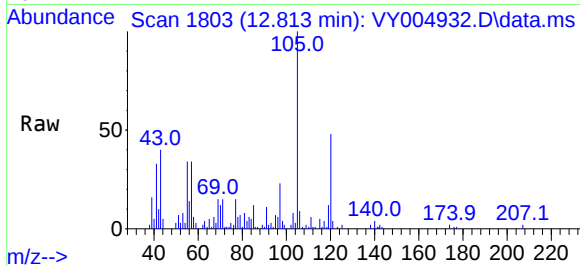




#80
1,3,5-Trimethylbenzene
Concen: 1.841 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

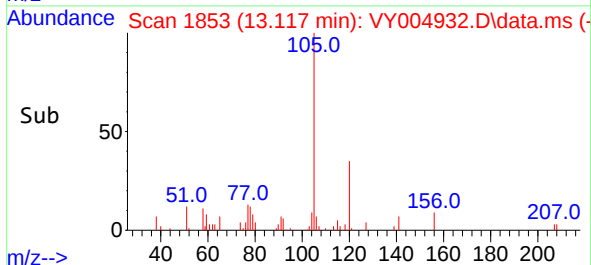
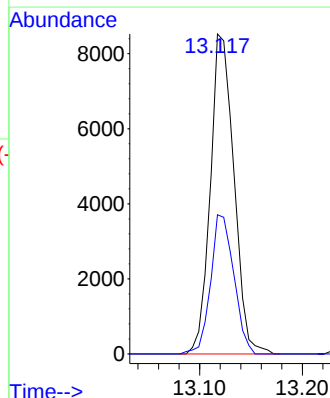
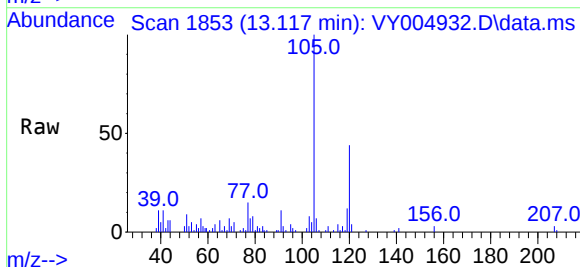
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18-B7(2-4)

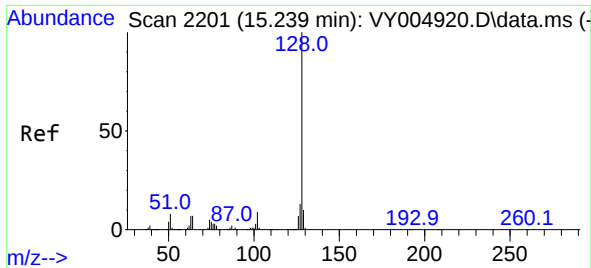
Tgt Ion:105 Resp: 16568
Ion Ratio Lower Upper
105 100
120 47.6 24.5 73.5



#84
1,2,4-Trimethylbenzene
Concen: 1.520 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

Tgt Ion:105 Resp: 13593
Ion Ratio Lower Upper
105 100
120 42.7 22.6 67.7





#95
Naphthalene
Concen: 4.737 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004932.D
Acq: 03 Jun 2021 13:30

Instrument :
MSVOA_Y
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Tgt Ion:128 Resp: 26810
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.2
129 12.2 8.7 13.1

