

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015207.D
 Acq On : 18 Aug 2023 19:44
 Operator : SY/MD
 Sample : 04086-20
 Misc : 4.99g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP10B

Quant Time: Aug 18 23:16:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

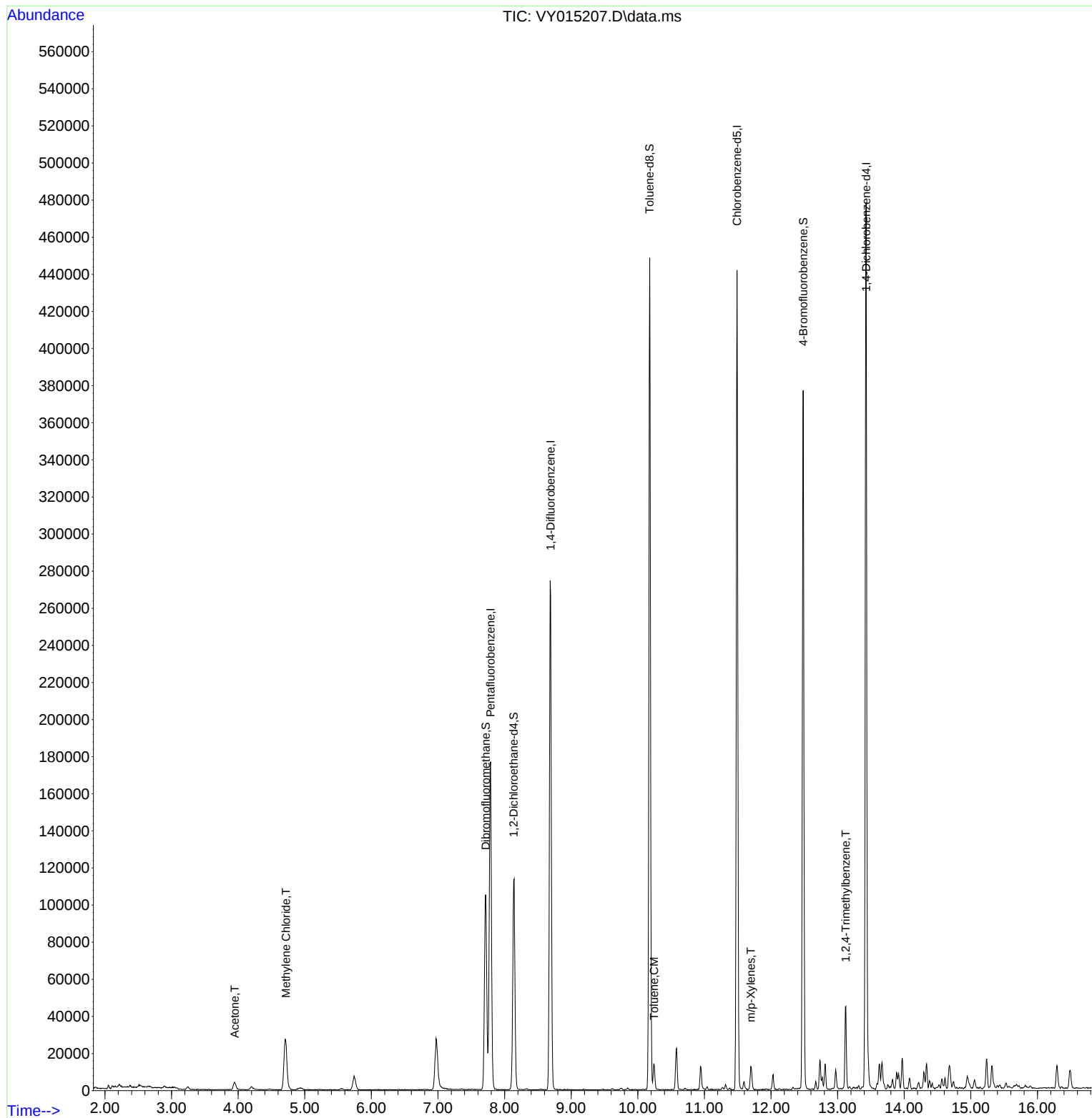
Internal Standards						
1) Pentafluorobenzene	7.789	168	139401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	241166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	235460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88405	52.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.660%	
35) Dibromofluoromethane	7.716	113	75354	48.568	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.140%	
50) Toluene-d8	10.179	98	286517	49.608	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.483	95	110583	52.421	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.840%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	7426	13.584	ug/l	94
20) Methylene Chloride	4.716	84	21240	13.009	ug/l	87
52) Toluene	10.246	92	5681	1.661	ug/l	97
68) m/p-Xylenes	11.697	106	4103	1.437	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	24633	3.821	ug/l	97

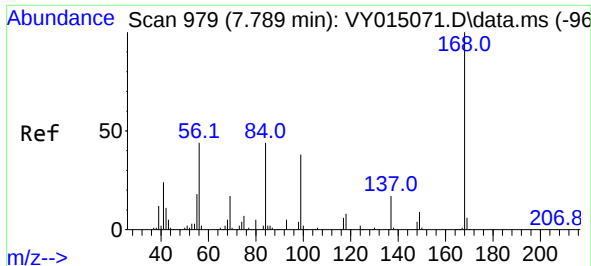
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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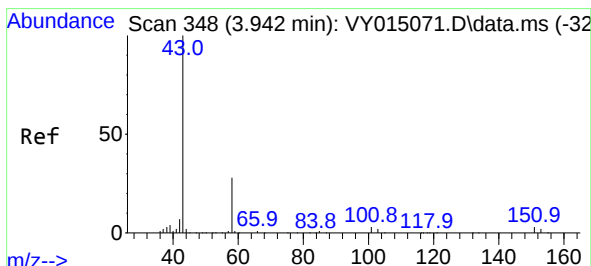
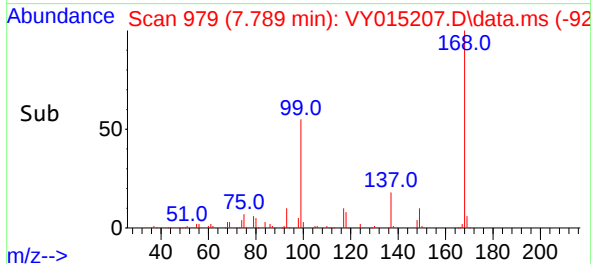
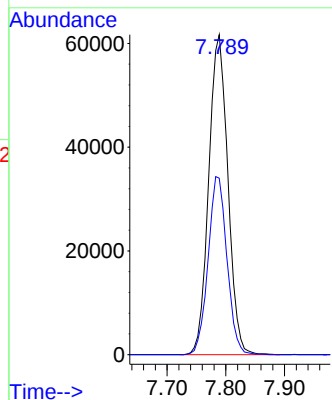
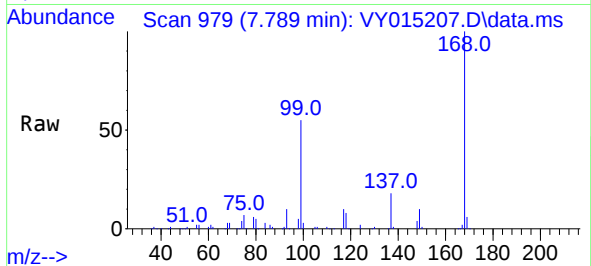




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015207.D
Acq: 18 Aug 2023 19:44

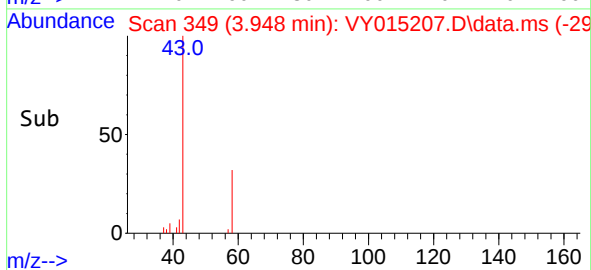
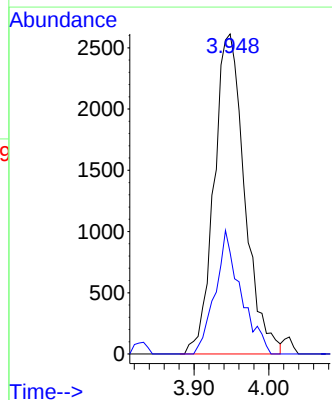
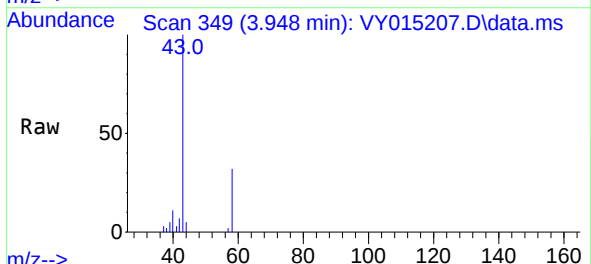
Instrument :
MSVOA_Y
ClientSampleId :
B-PP10B

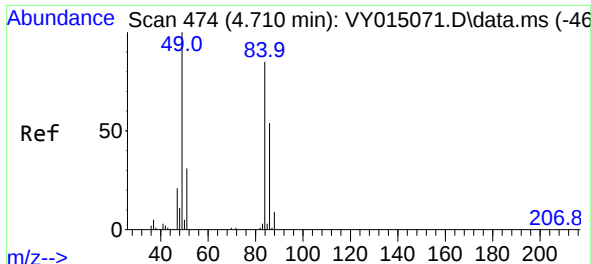
Tgt Ion:168 Resp: 139401
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#16
Acetone
Concen: 13.584 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015207.D
Acq: 18 Aug 2023 19:44

Tgt Ion: 43 Resp: 7426
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1



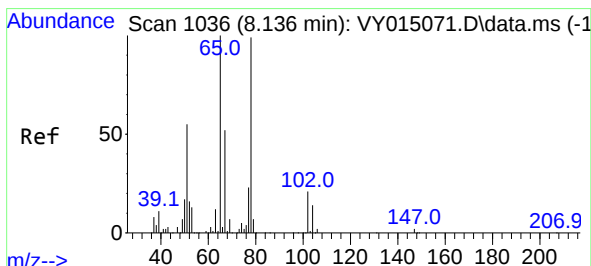
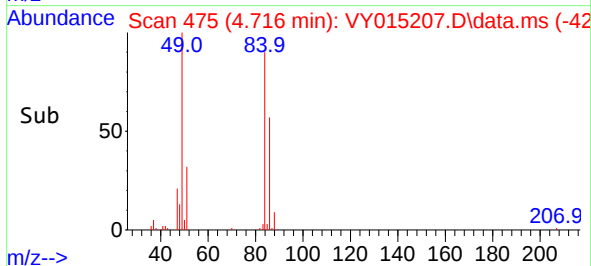
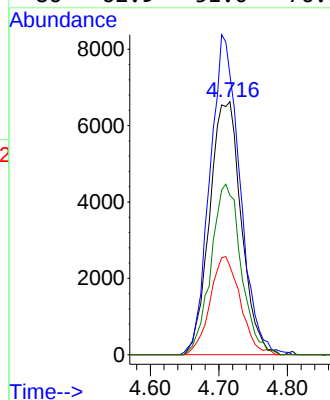
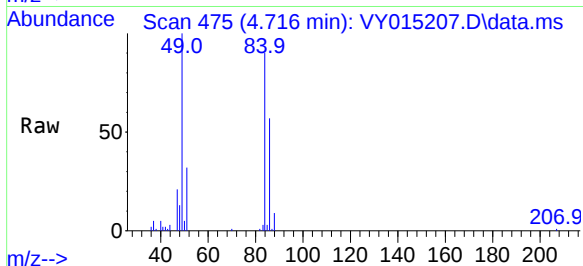


#20
Methylene Chloride
Concen: 13.009 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015207.D
Acq: 18 Aug 2023 19:44

Instrument :
MSVOA_Y
ClientSampleId :
B-PP10B

Tgt Ion: 84 Resp: 21240

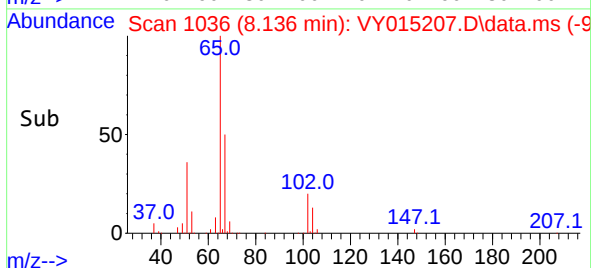
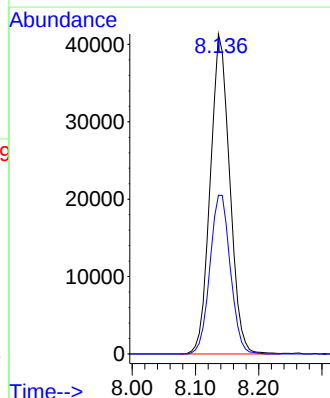
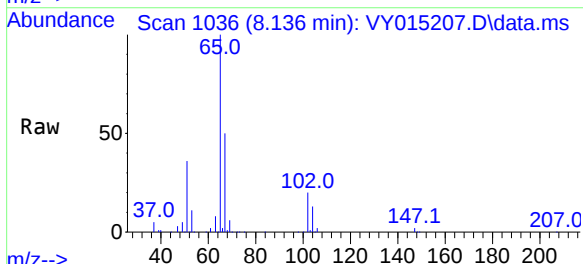
Ion	Ratio	Lower	Upper
84	100		
49	110.5	106.9	160.3
51	34.9	33.2	49.8
86	62.9	51.0	76.6

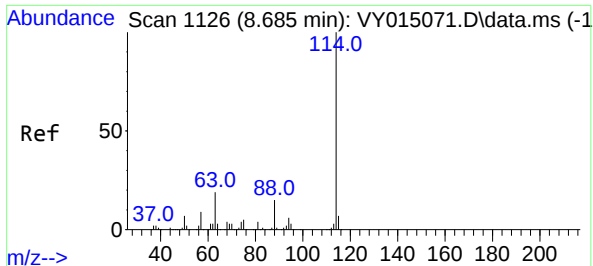


#33
1,2-Dichloroethane-d4
Concen: 52.830 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015207.D
Acq: 18 Aug 2023 19:44

Tgt Ion: 65 Resp: 88405

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	101.8

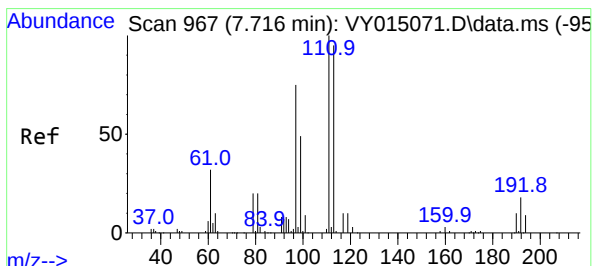
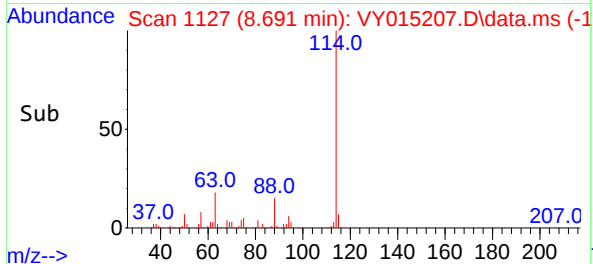
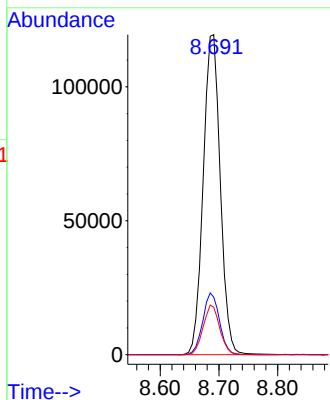
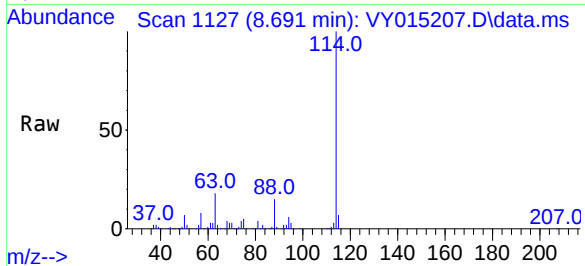




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY015207.D
Acq: 18 Aug 2023 19:44

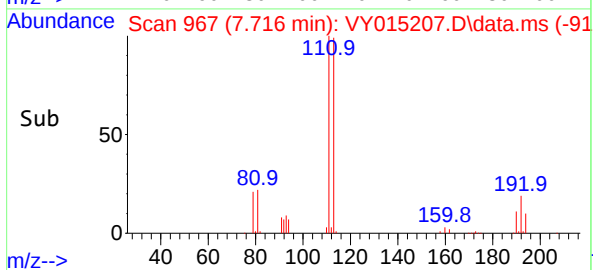
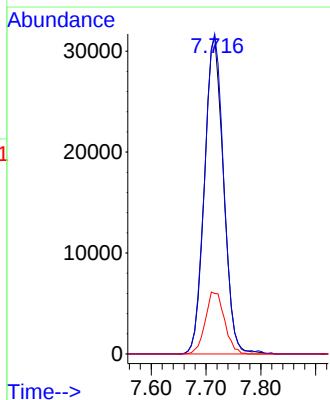
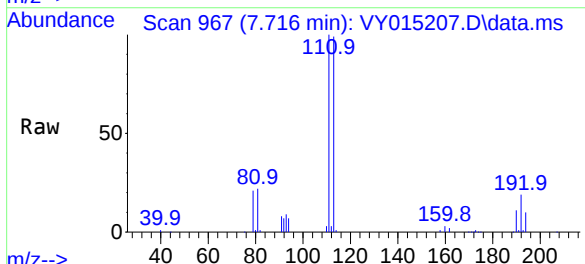
Instrument :
MSVOA_Y
ClientSampleId :
B-PP10B

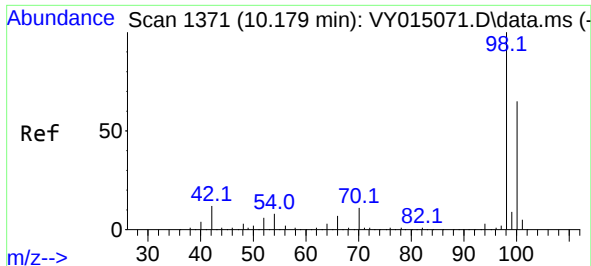
Tgt Ion:	114	Resp:	241166
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	42.4
88	14.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 48.568 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015207.D
Acq: 18 Aug 2023 19:44

Tgt Ion:	113	Resp:	75354
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.3	121.9
192	19.8	16.9	25.3

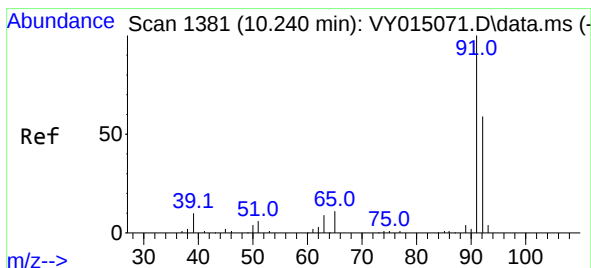
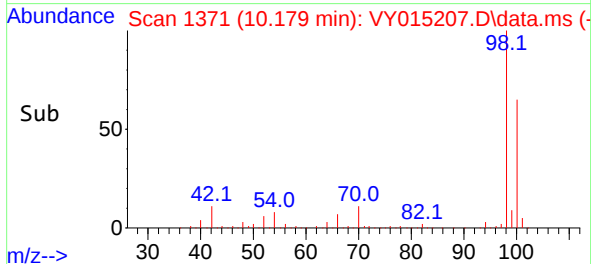
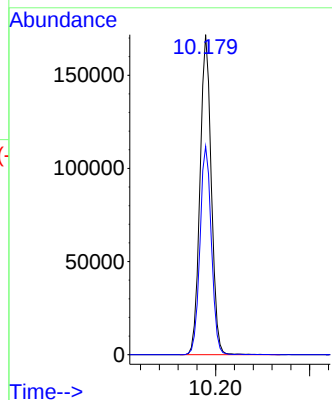
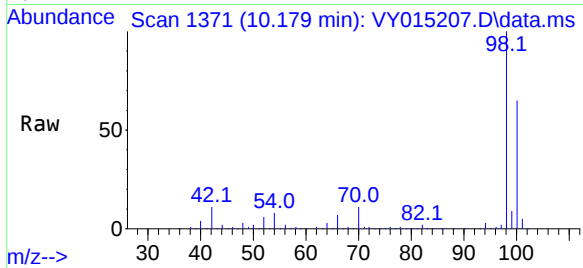




#50
Toluene-d8
Concen: 49.608 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015207.D
Acq: 18 Aug 2023 19:44

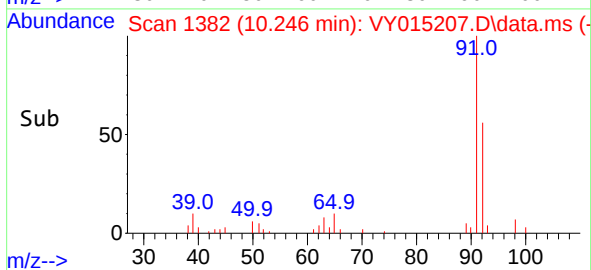
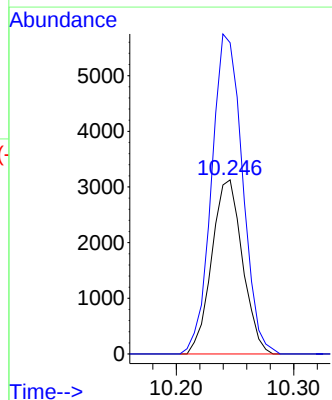
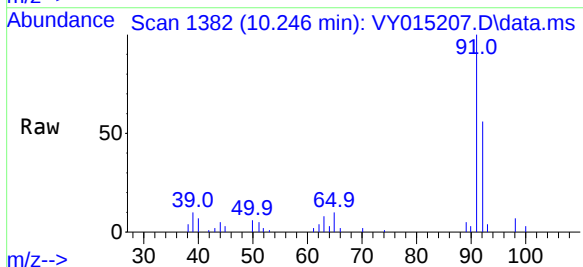
Instrument :
MSVOA_Y
ClientSampleId :
B-PP10B

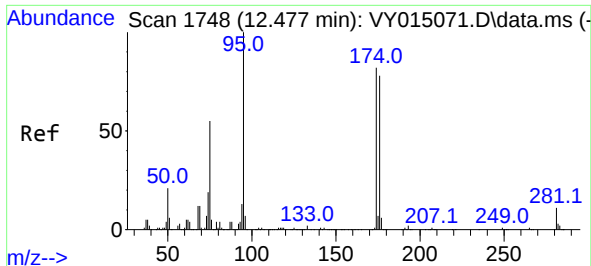
Tgt Ion: 98 Resp: 286517
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#52
Toluene
Concen: 1.661 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015207.D
Acq: 18 Aug 2023 19:44

Tgt Ion: 92 Resp: 5681
Ion Ratio Lower Upper
92 100
91 184.6 143.8 215.6

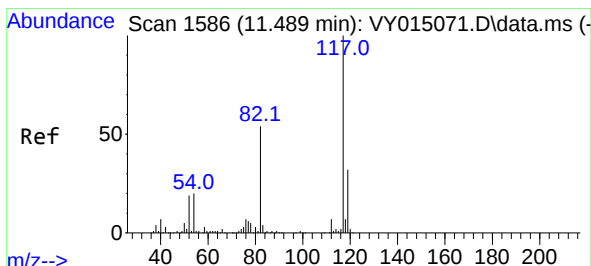
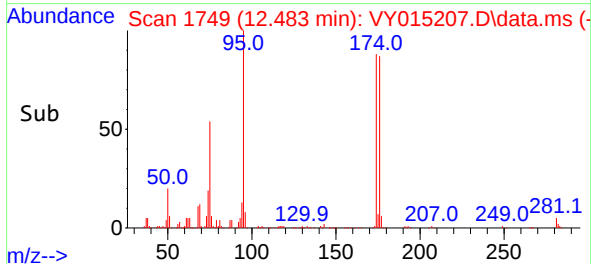
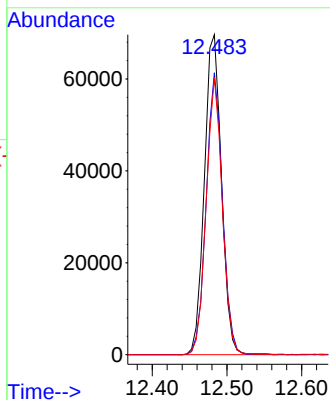
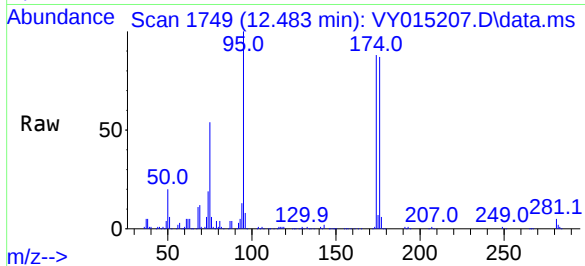




#62
4-Bromofluorobenzene
Concen: 52.421 ug/l
RT: 12.483 min Scan# 110583
Delta R.T. 0.006 min
Lab File: VY015207.D
Acq: 18 Aug 2023 19:44

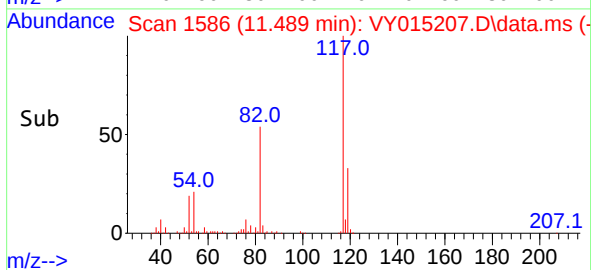
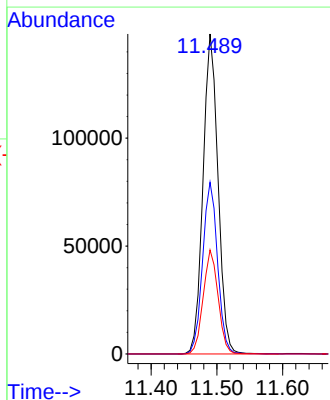
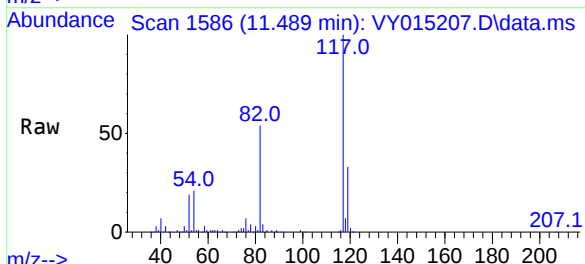
Instrument :
MSVOA_Y
ClientSampleId :
B-PP10B

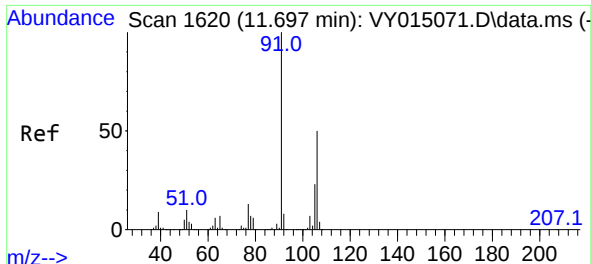
Tgt Ion: 95 Resp: 110583
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 81.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015207.D
Acq: 18 Aug 2023 19:44

Tgt Ion: 117 Resp: 235460
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.5 26.3 39.5

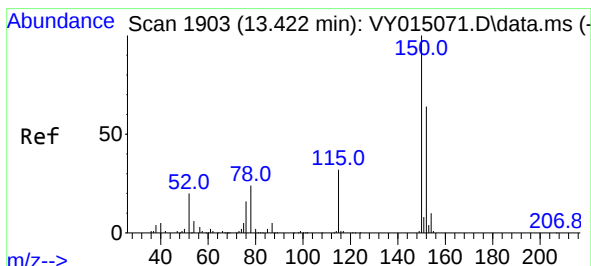
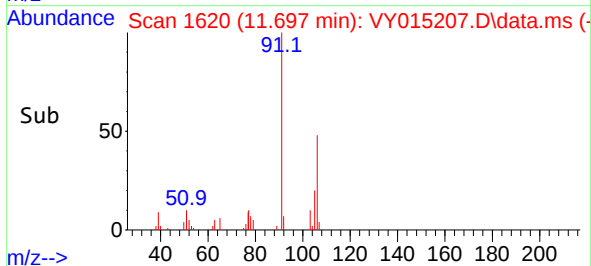
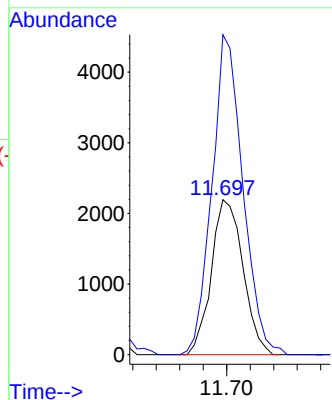
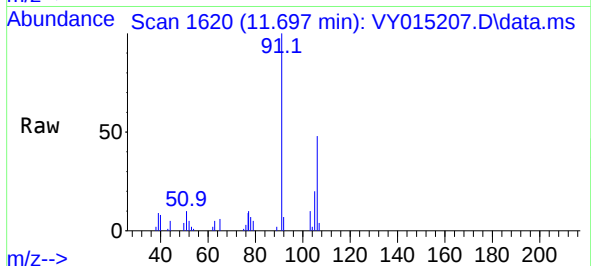




#68
m/p-Xylenes
Concen: 1.437 ug/l
RT: 11.697 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015207.D
Acq: 18 Aug 2023 19:44

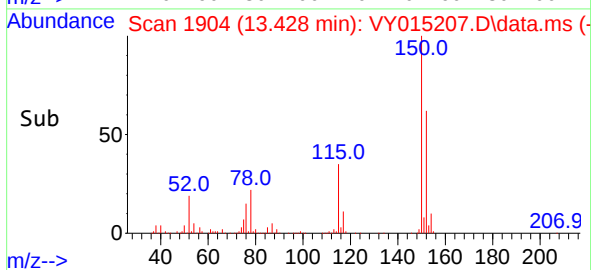
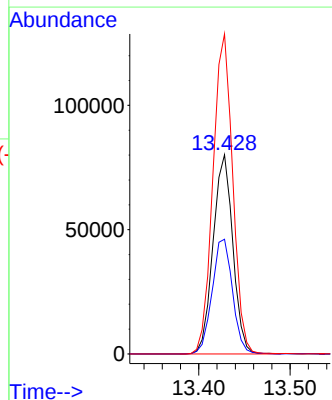
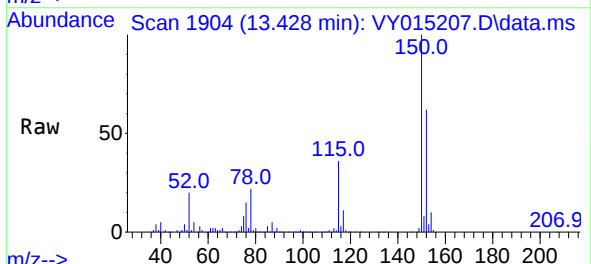
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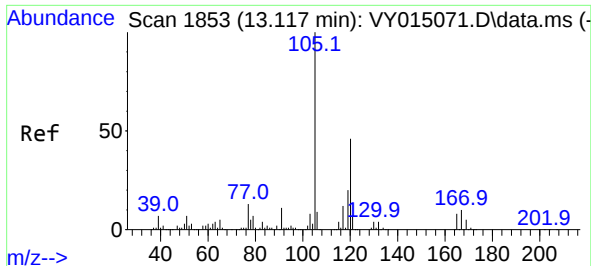
Tgt Ion:106 Resp: 4103
Ion Ratio Lower Upper
106 100
91 201.7 166.1 249.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015207.D
Acq: 18 Aug 2023 19:44

Tgt Ion:152 Resp: 120367
Ion Ratio Lower Upper
152 100
115 59.6 28.8 86.5
150 160.9 0.0 348.8





#84

1,2,4-Trimethylbenzene

Concen: 3.821 ug/l

RT: 13.123 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015207.D

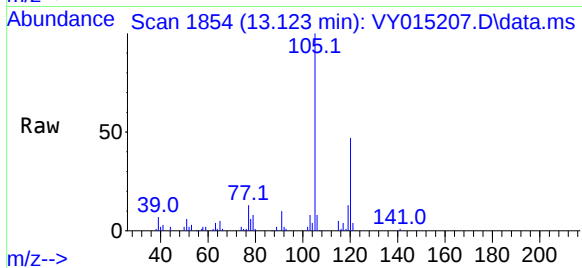
Acq: 18 Aug 2023 19:44

Instrument :

MSVOA_Y

ClientSampleId :

B-PP10B



Tgt Ion:105 Resp: 24633

Ion Ratio Lower Upper

105 100

120 46.2 22.2 66.6

