

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015190.D
 Acq On : 18 Aug 2023 13:02
 Operator : SY/MD
 Sample : 04086-01
 Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP06A

Quant Time: Aug 18 23:07:55 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)

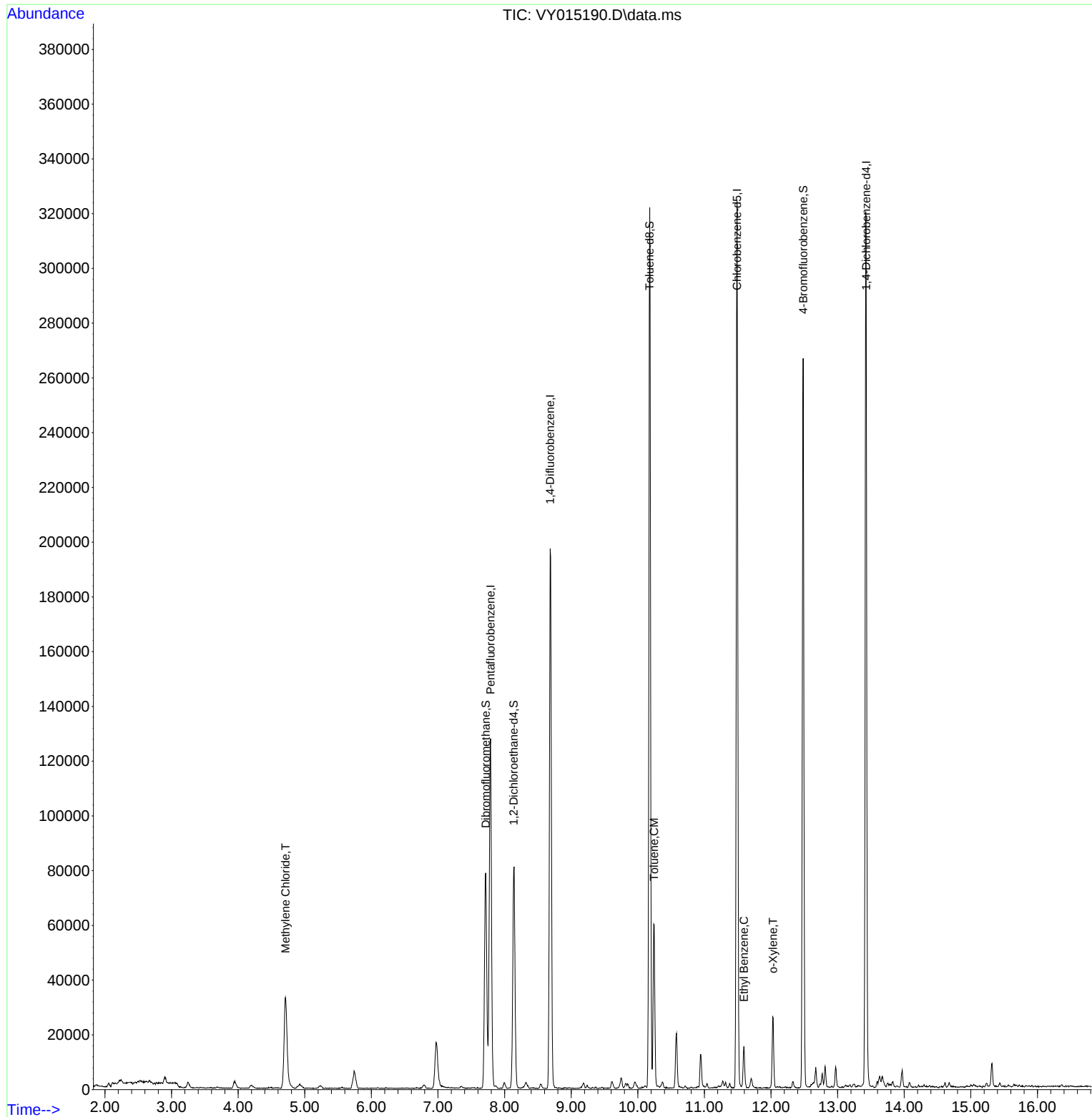
Internal Standards						
1) Pentafluorobenzene	7.789	168	99005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	172800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	172151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63921	53.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.560%	
35) Dibromofluoromethane	7.715	113	55114	49.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.160%	
50) Toluene-d8	10.178	98	210600	50.890	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.780%	
62) 4-Bromofluorobenzene	12.483	95	77609	51.345	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.700%	
Target Compounds						
20) Methylene Chloride	4.710	84	24995	24.661	ug/l	Qvalue # 88
52) Toluene	10.245	92	25358	10.347	ug/l	94
67) Ethyl Benzene	11.593	91	10167	1.850	ug/l	100
69) o-Xylene	12.032	106	6840	3.290	ug/l	100

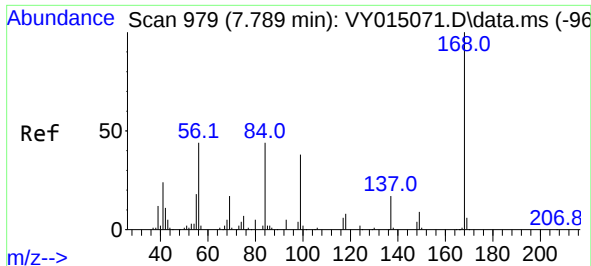
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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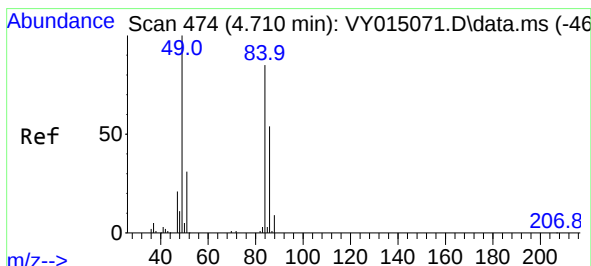
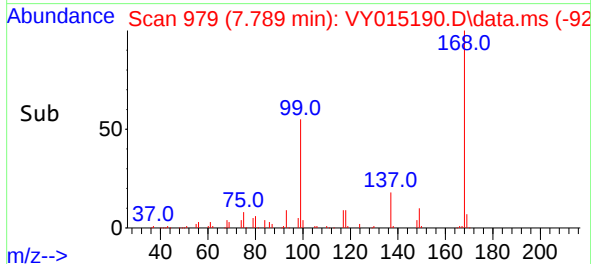
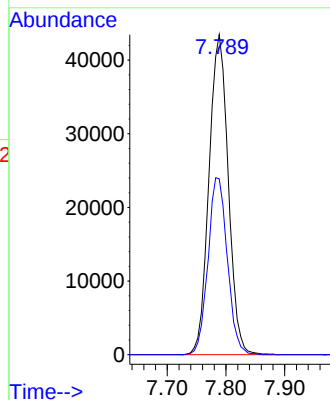
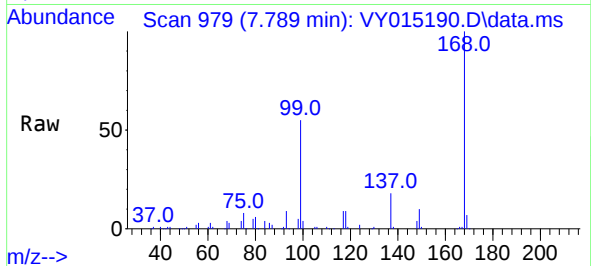




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015190.D
Acq: 18 Aug 2023 13:02

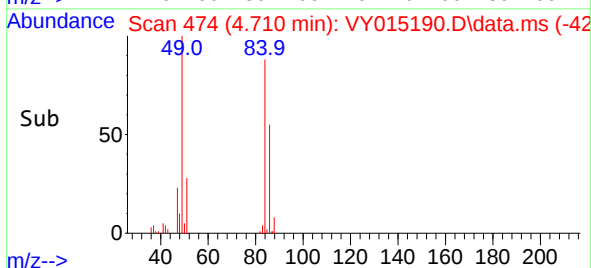
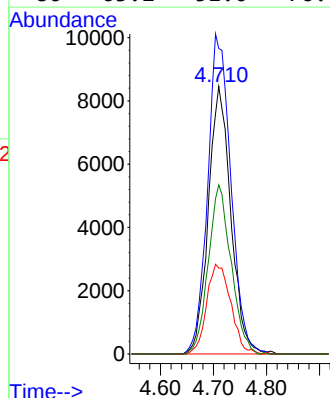
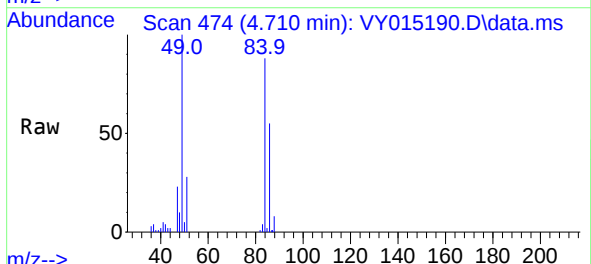
Instrument :
MSVOA_Y
ClientSampleId :
B-PP06A

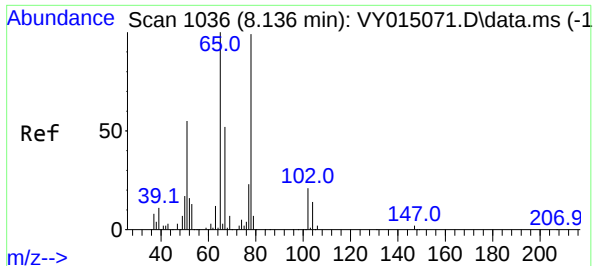
Tgt Ion:168 Resp: 99005
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#20
Methylene Chloride
Concen: 24.661 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY015190.D
Acq: 18 Aug 2023 13:02

Tgt Ion: 84 Resp: 24995
Ion Ratio Lower Upper
84 100
49 114.2 106.9 160.3
51 32.1 33.2 49.8#
86 63.2 51.0 76.6

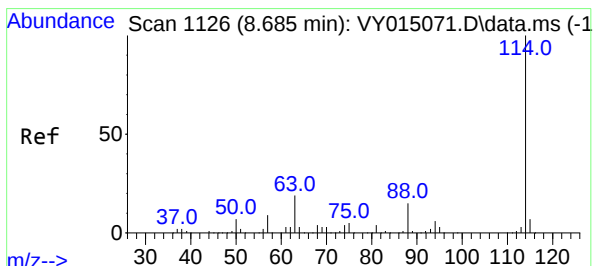
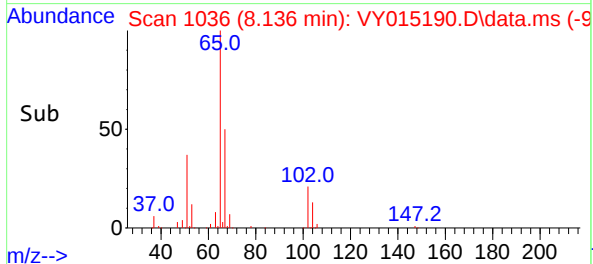
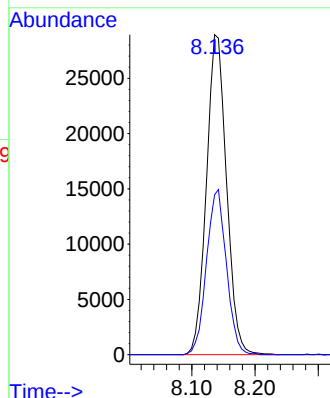
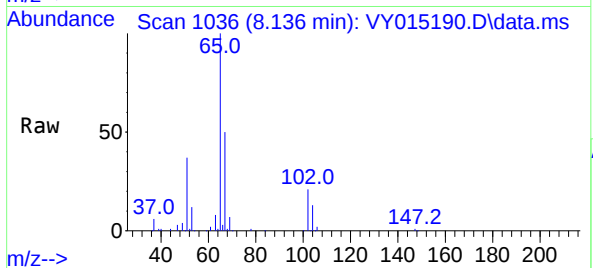




#33
 1,2-Dichloroethane-d4
 Concen: 53.785 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY015190.D
 Acq: 18 Aug 2023 13:02

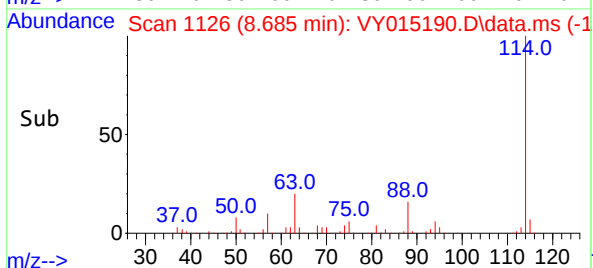
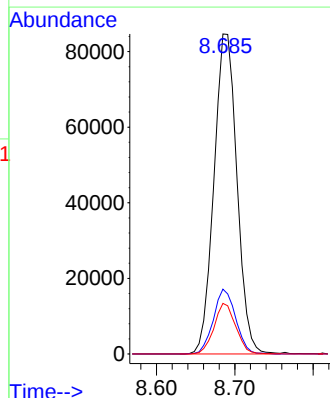
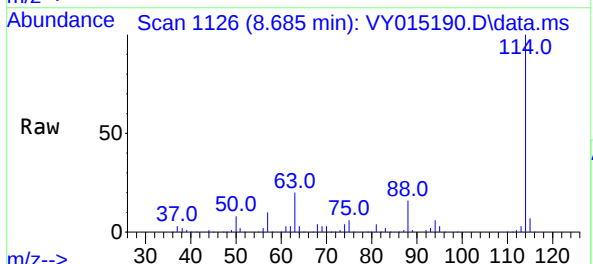
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP06A

Tgt Ion: 65 Resp: 63921
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY015190.D
 Acq: 18 Aug 2023 13:02

Tgt Ion: 114 Resp: 172800
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.4
 88 15.8 0.0 30.6

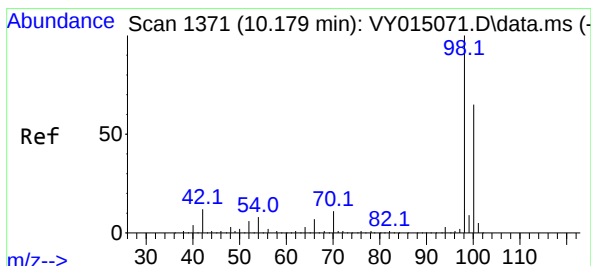
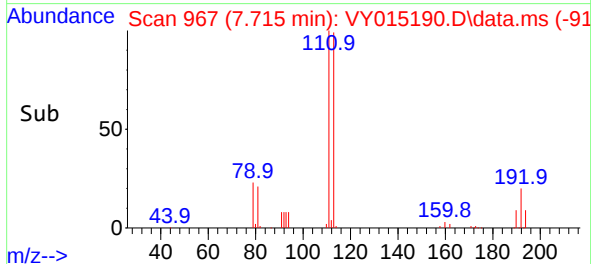
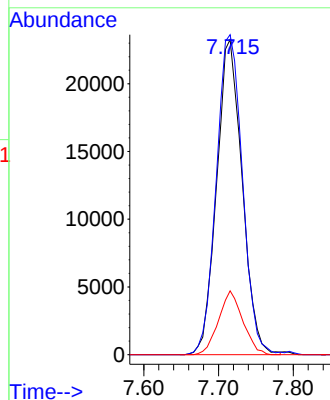
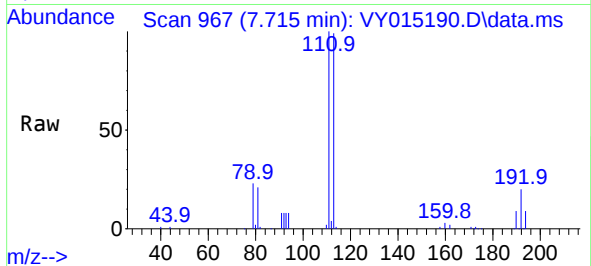




#35
Dibromofluoromethane
Concen: 49.577 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015190.D
Acq: 18 Aug 2023 13:02

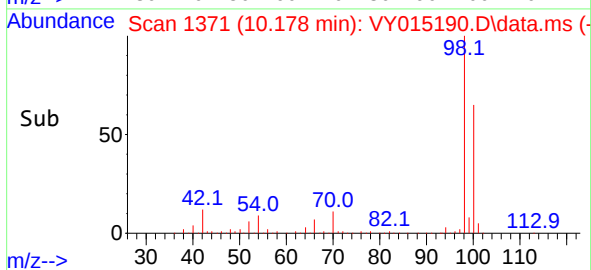
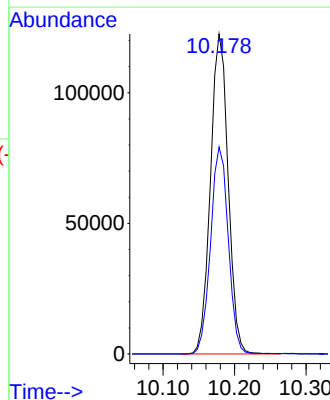
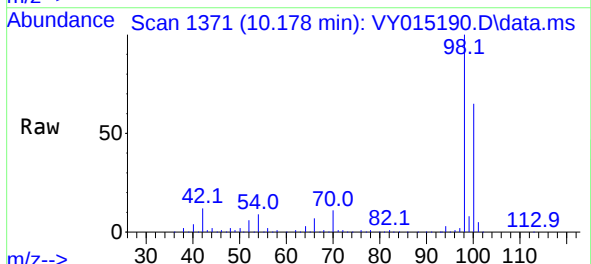
Instrument :
MSVOA_Y
ClientSampleId :
B-PP06A

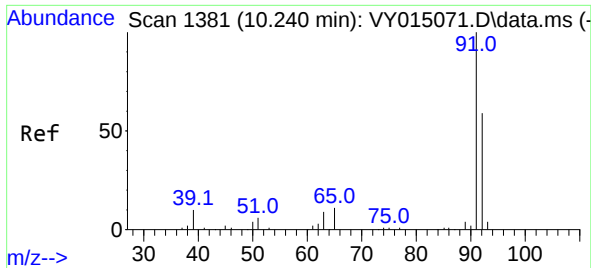
Tgt Ion:113 Resp: 55114
Ion Ratio Lower Upper
113 100
111 104.4 81.3 121.9
192 19.3 16.9 25.3



#50
Toluene-d8
Concen: 50.890 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015190.D
Acq: 18 Aug 2023 13:02

Tgt Ion: 98 Resp: 210600
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

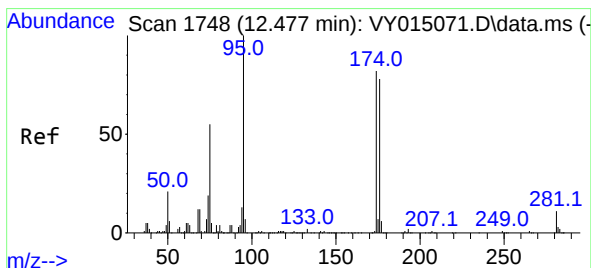
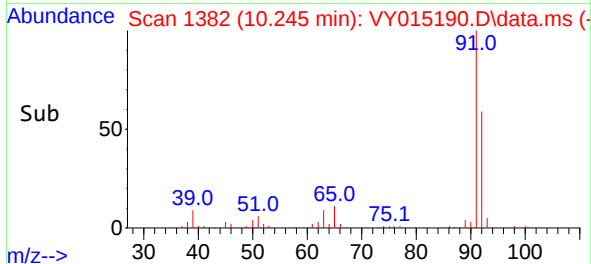
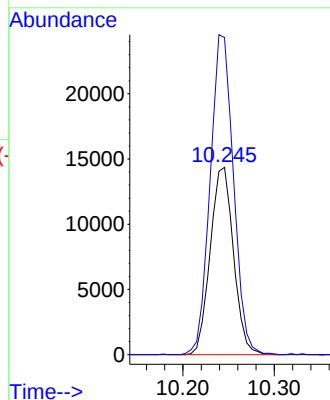
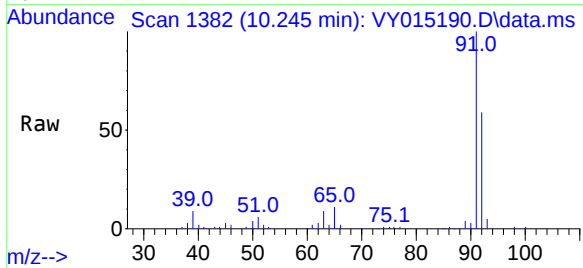




#52
Toluene
Concen: 10.347 ug/l
RT: 10.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015190.D
Acq: 18 Aug 2023 13:02

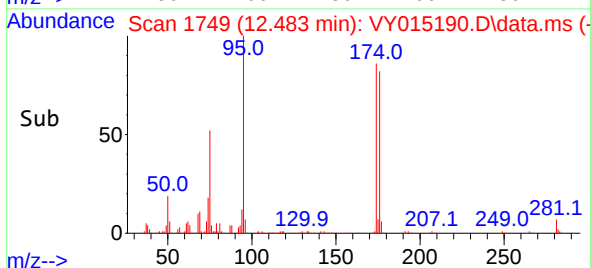
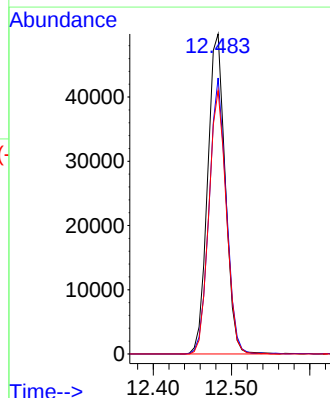
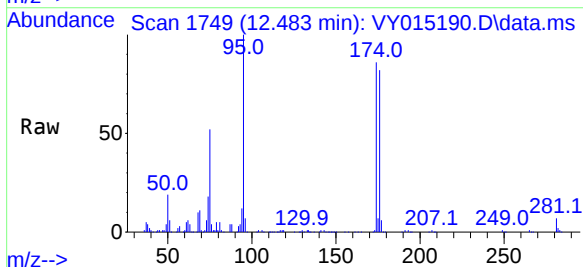
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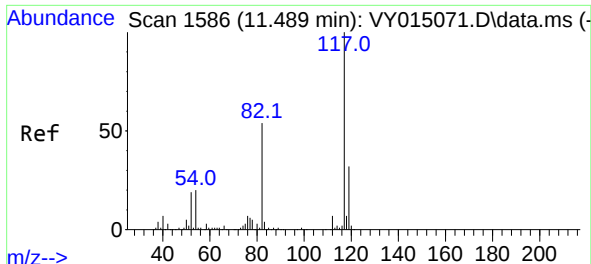
Tgt Ion: 92 Resp: 25358
Ion Ratio Lower Upper
92 100
91 171.5 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 51.345 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015190.D
Acq: 18 Aug 2023 13:02

Tgt Ion: 95 Resp: 77609
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 81.3 0.0 173.8

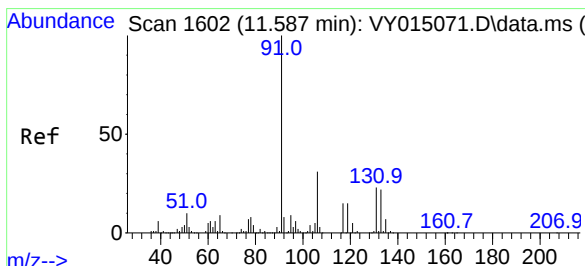
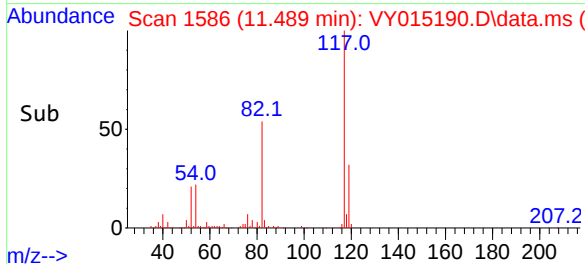
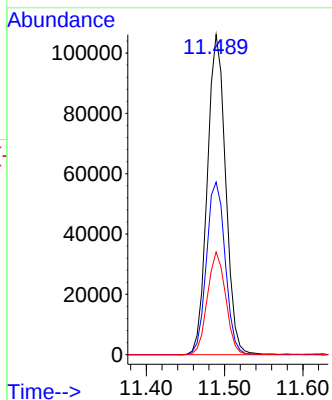
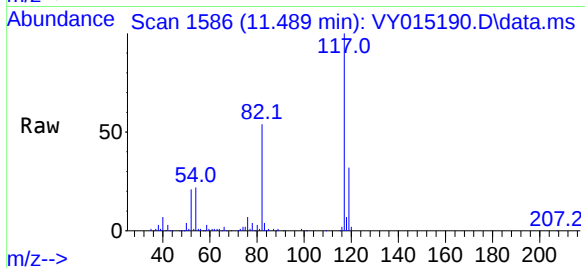




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY015190.D
Acq: 18 Aug 2023 13:02

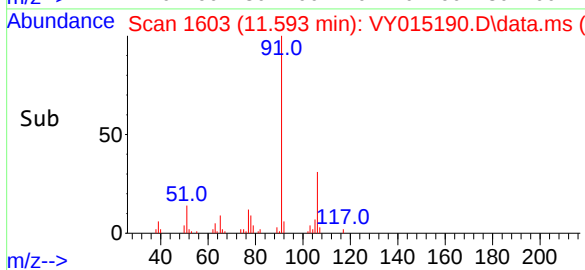
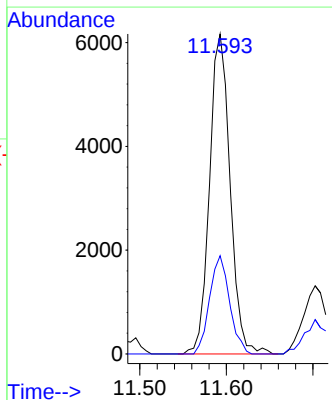
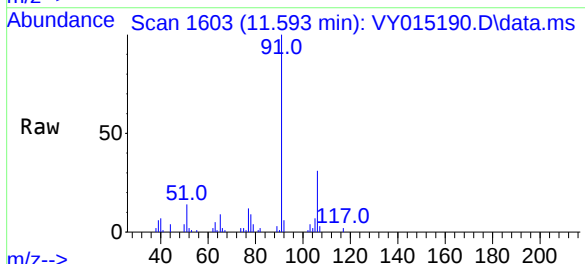
Instrument :
MSVOA_Y
ClientSampleId :
B-PP06A

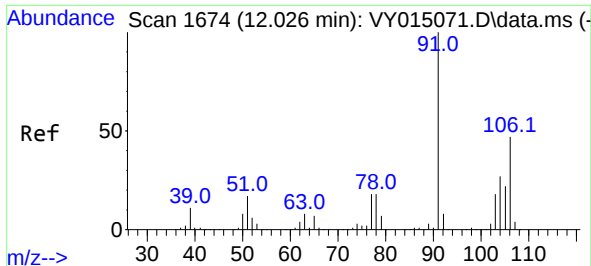
Tgt Ion:117 Resp: 172151
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.1 26.3 39.5



#67
Ethyl Benzene
Concen: 1.850 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015190.D
Acq: 18 Aug 2023 13:02

Tgt Ion: 91 Resp: 10167
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

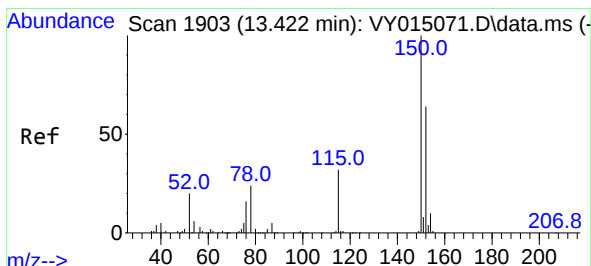
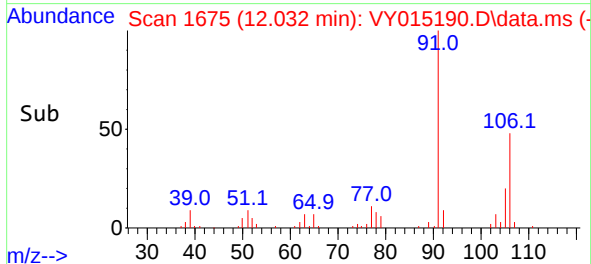
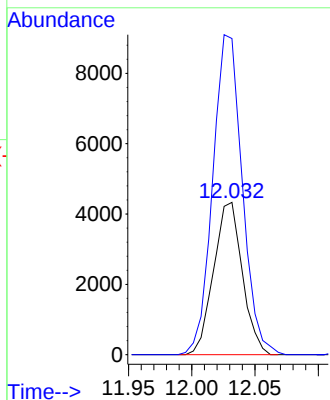
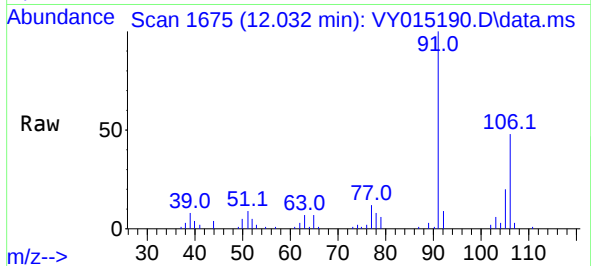




#69
o-Xylene
Concen: 3.290 ug/l
RT: 12.032 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY015190.D
Acq: 18 Aug 2023 13:02

Instrument :
MSVOA_Y
ClientSampleId :
B-PP06A

Tgt Ion:106 Resp: 6840
Ion Ratio Lower Upper
106 100
91 215.6 108.1 324.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015190.D
Acq: 18 Aug 2023 13:02

Tgt Ion:152 Resp: 82410
Ion Ratio Lower Upper
152 100
115 58.8 28.8 86.5
150 158.3 0.0 348.8

