

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015224.D
 Acq On : 21 Aug 2023 17:44
 Operator : SY/MD
 Sample : 04086-14
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP17B

Quant Time: Aug 22 01:56:48 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)

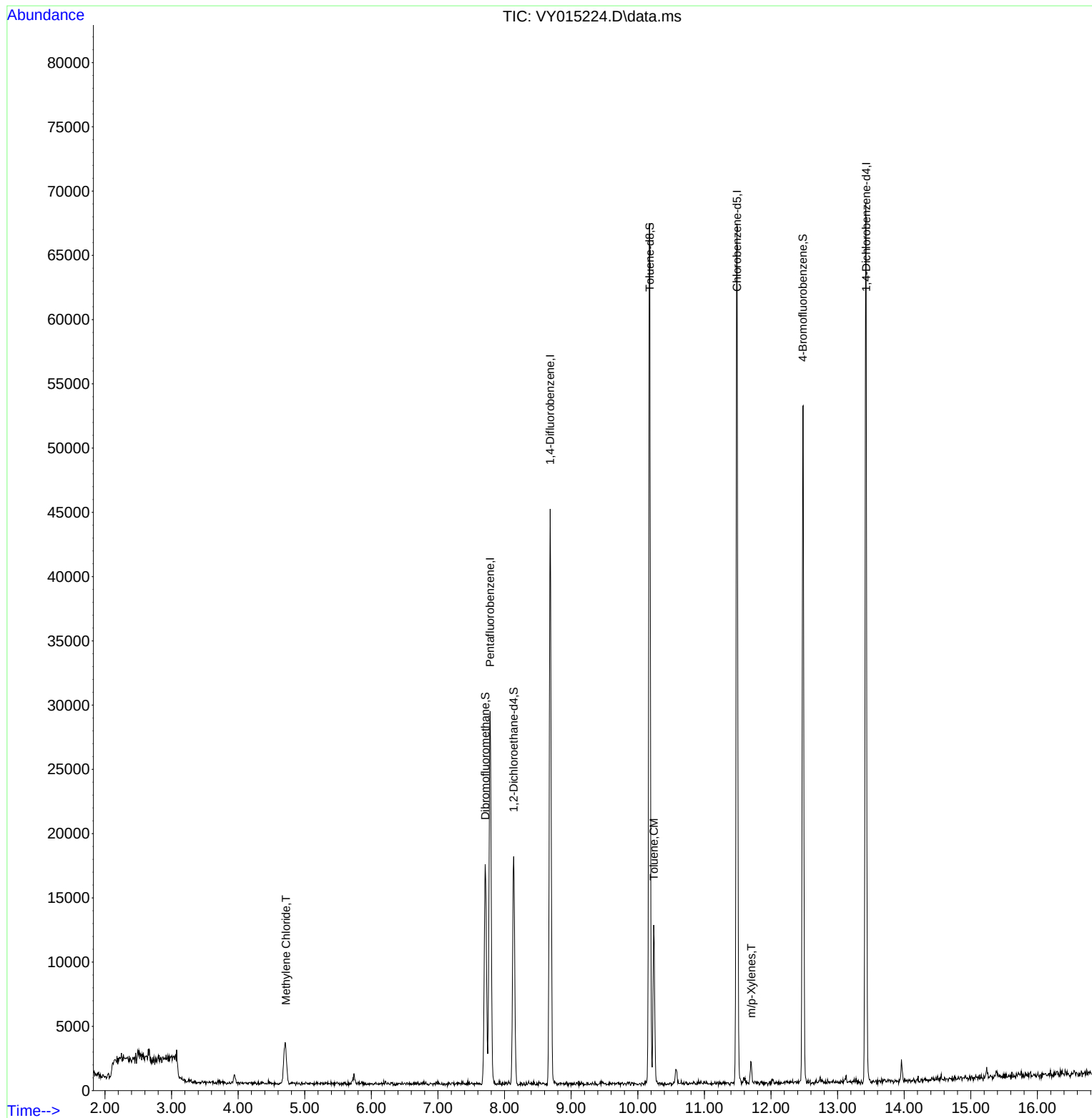
Internal Standards						
1) Pentafluorobenzene	7.783	168	22585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	38178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	37073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	13559	50.013	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 100.020%		
35) Dibromofluoromethane	7.710	113	12404	50.502	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.000%		
50) Toluene-d8	10.179	98	45094	49.320	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 98.640%		
62) 4-Bromofluorobenzene	12.477	95	16193	48.489	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 96.980%		
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	2452	7.910	ug/l #	76
52) Toluene	10.240	92	5437	10.041	ug/l	89
68) m/p-Xylenes	11.703	106	662	1.473	ug/l	98

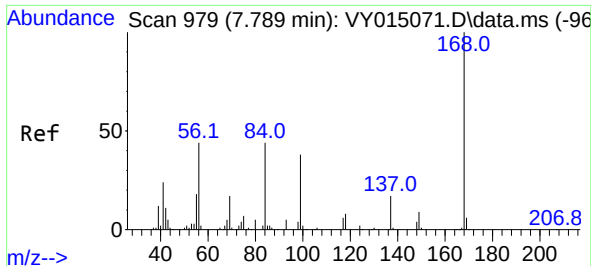
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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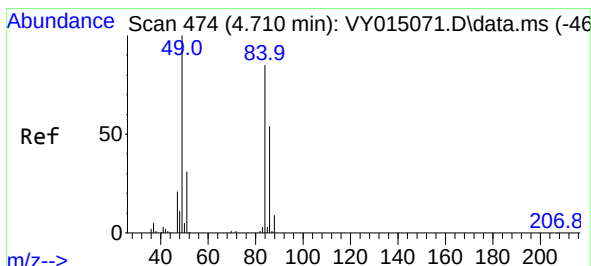
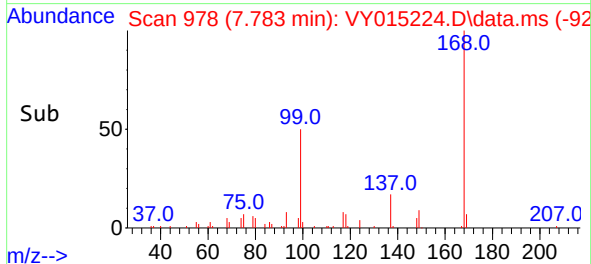
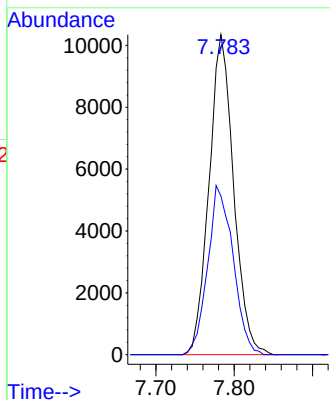
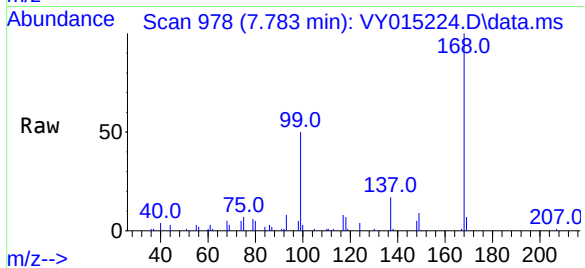




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44

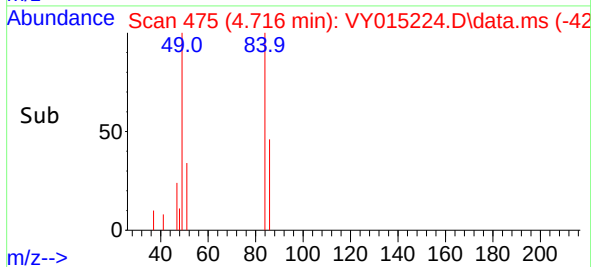
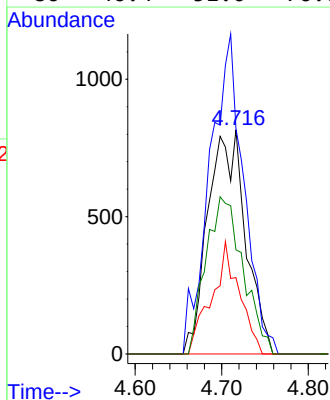
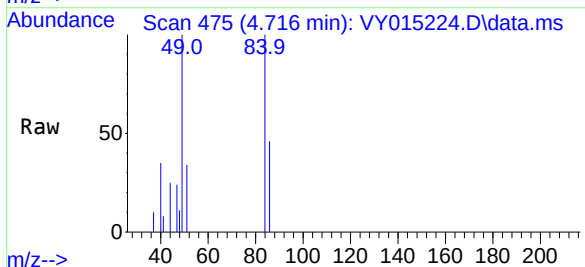
Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B

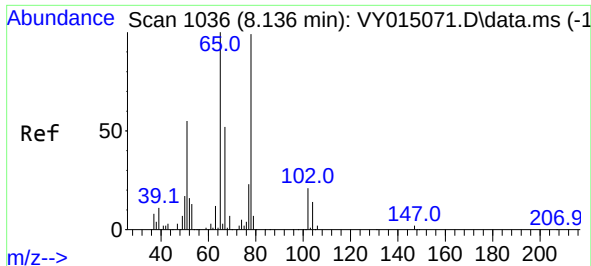
Tgt Ion:168 Resp: 22585
Ion Ratio Lower Upper
168 100
99 49.6 43.4 65.0



#20
Methylene Chloride
Concen: 7.910 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44

Tgt Ion: 84 Resp: 2452
Ion Ratio Lower Upper
84 100
49 100.5 106.9 160.3#
51 34.1 33.2 49.8
86 46.4 51.0 76.6#

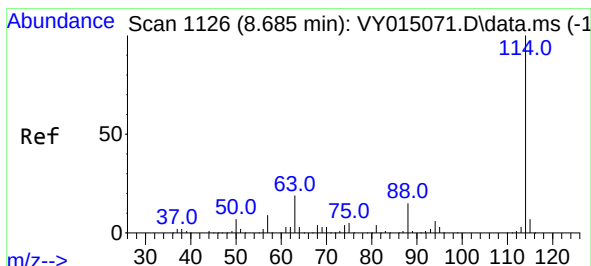
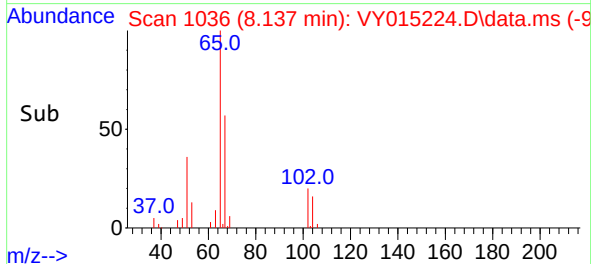
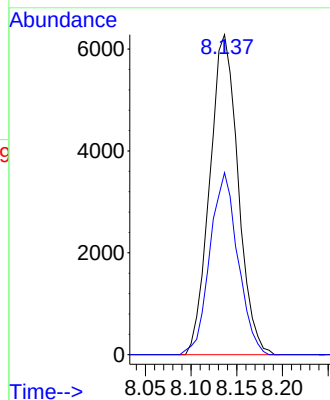
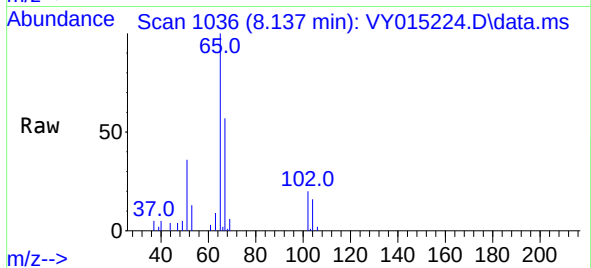




#33
1,2-Dichloroethane-d4
Concen: 50.013 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44

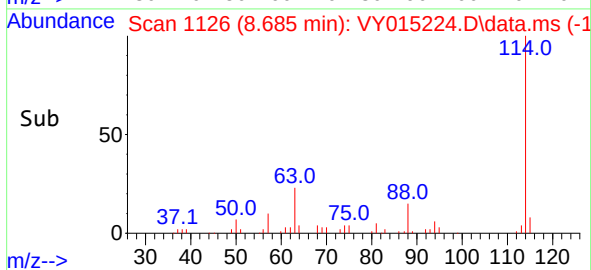
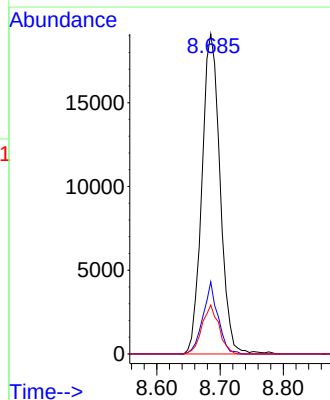
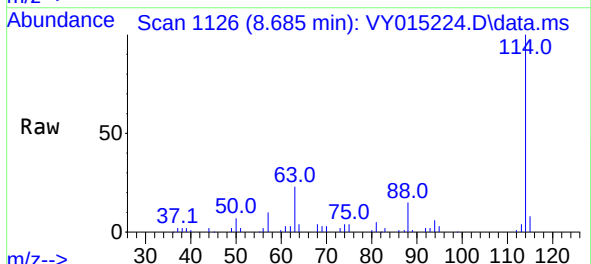
Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B

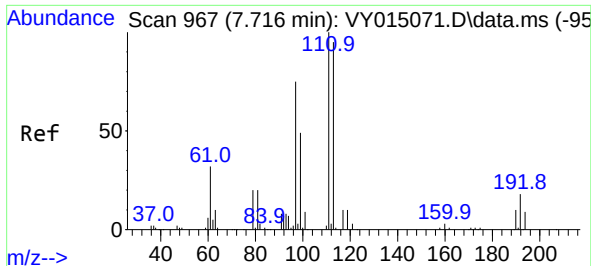
Tgt Ion: 65 Resp: 13559
Ion Ratio Lower Upper
65 100
67 56.1 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44

Tgt Ion: 114 Resp: 38178
Ion Ratio Lower Upper
114 100
63 22.6 0.0 42.4
88 15.3 0.0 30.6

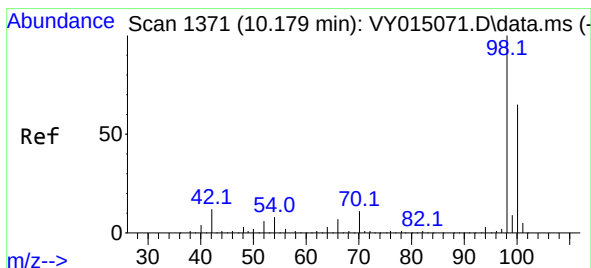
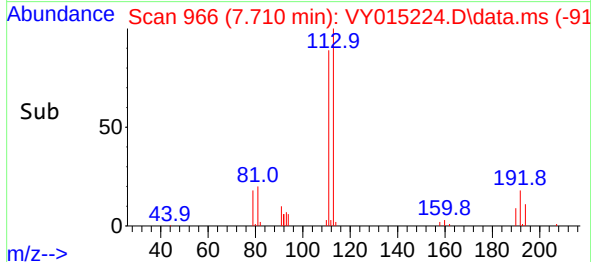
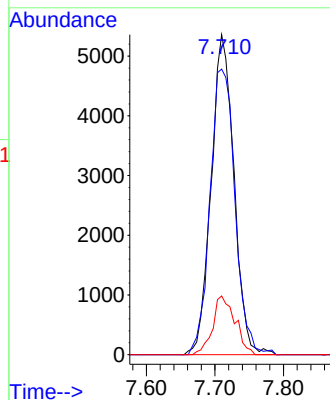
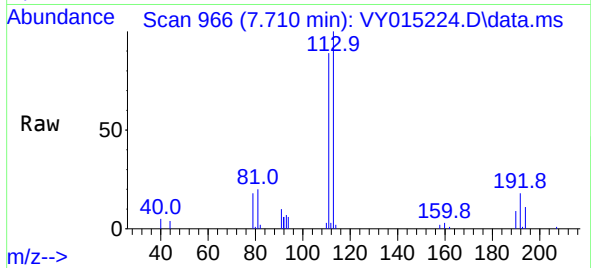




#35
Dibromofluoromethane
Concen: 50.502 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44

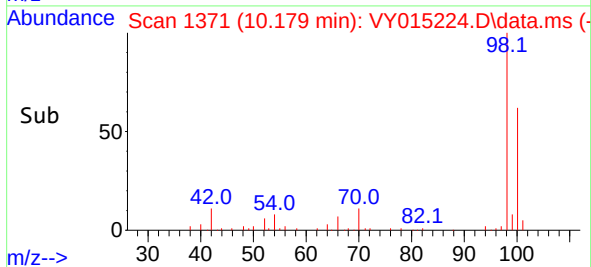
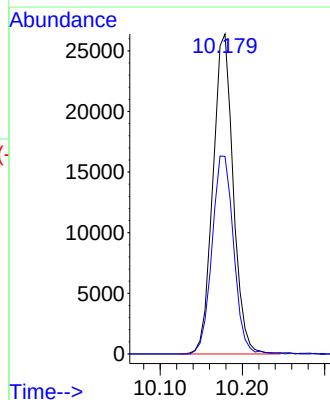
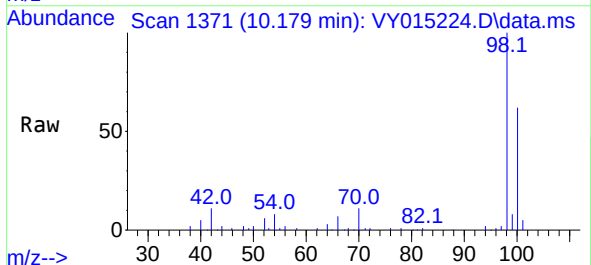
Instrument :
MSVOA_Y
ClientSampleId :
B-PP17B

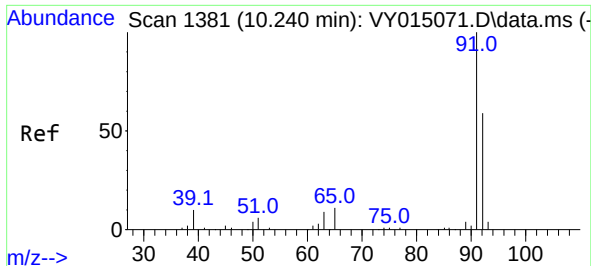
Tgt Ion:113 Resp: 12404
Ion Ratio Lower Upper
113 100
111 97.6 81.3 121.9
192 18.0 16.9 25.3



#50
Toluene-d8
Concen: 49.320 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44

Tgt Ion: 98 Resp: 45094
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1

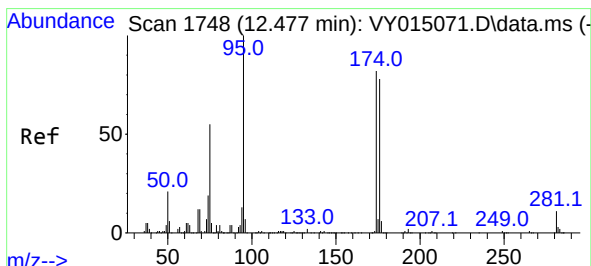
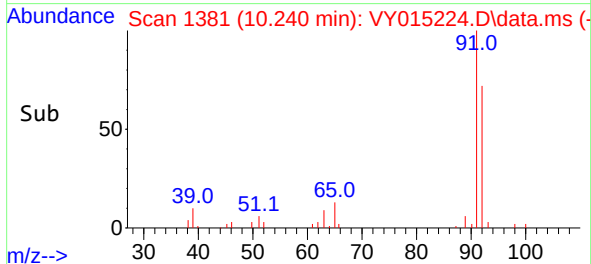
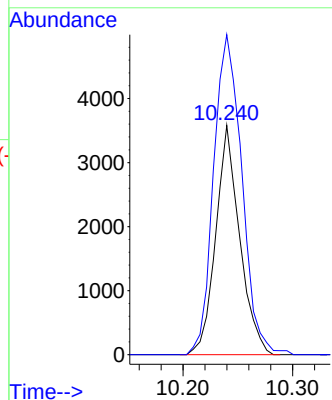
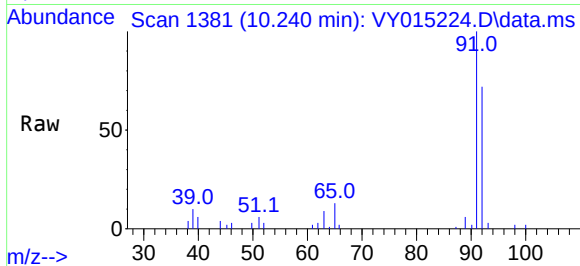




#52
Toluene
Concen: 10.041 ug/l
RT: 10.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44

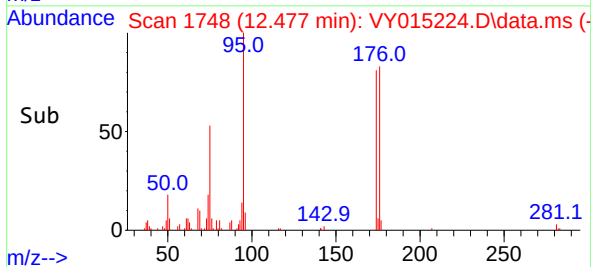
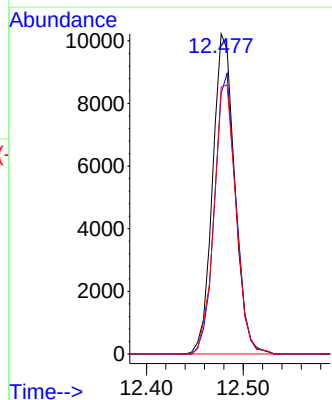
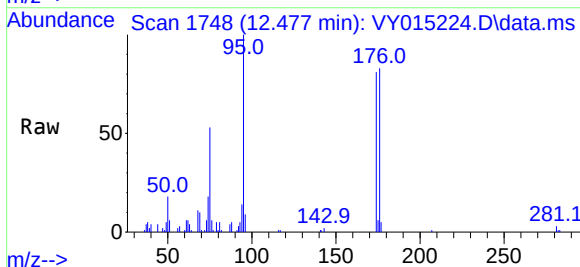
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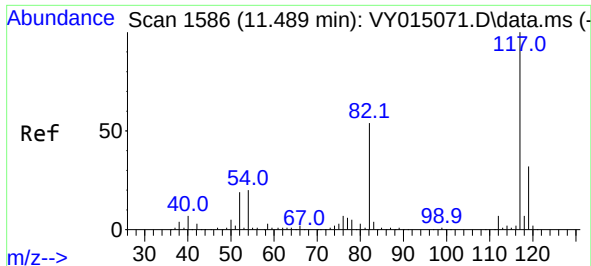
Tgt Ion: 92 Resp: 5437
Ion Ratio Lower Upper
92 100
91 164.4 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 48.489 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44

Tgt Ion: 95 Resp: 16193
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 84.4 0.0 173.8

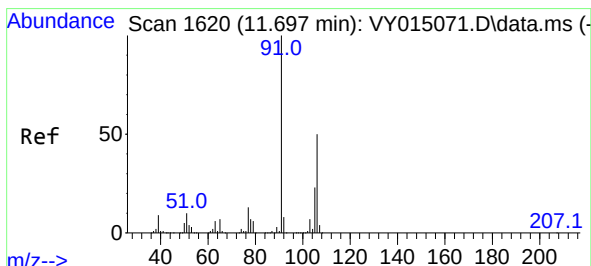
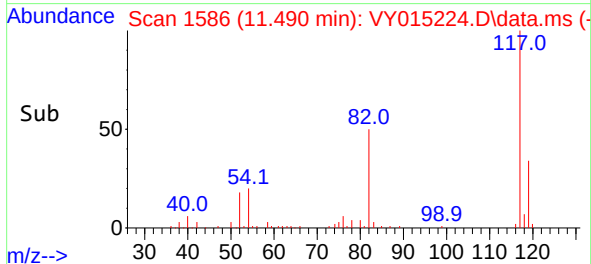
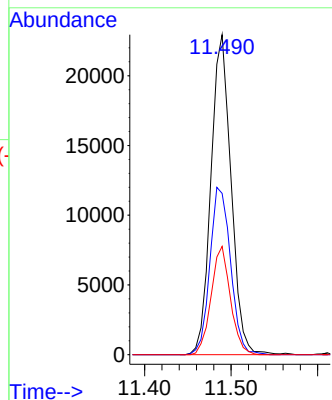
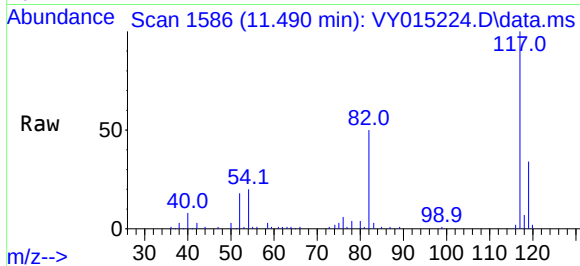




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44

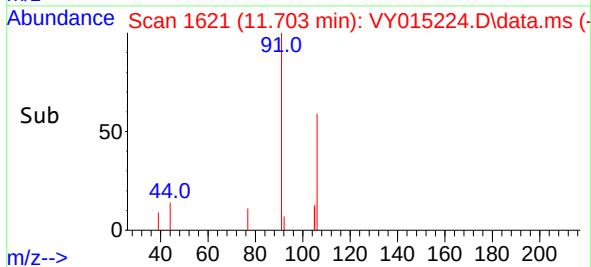
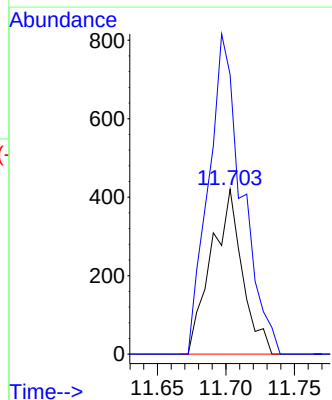
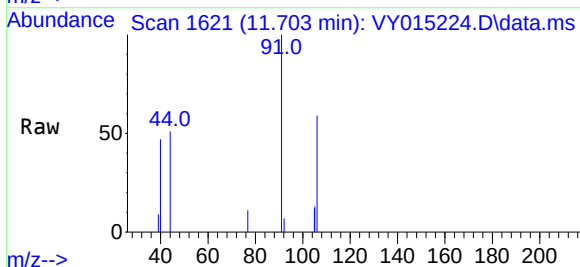
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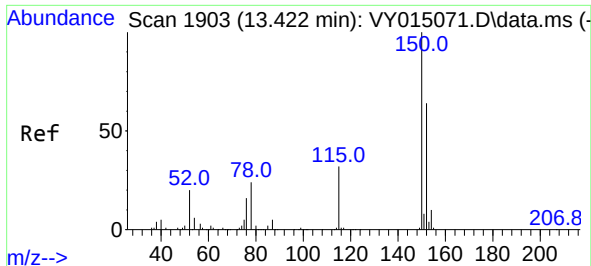
Tgt Ion:117 Resp: 37073
Ion Ratio Lower Upper
117 100
82 50.4 43.4 65.0
119 33.8 26.3 39.5



#68
m/p-Xylenes
Concen: 1.473 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44

Tgt Ion:106 Resp: 662
Ion Ratio Lower Upper
106 100
91 210.6 166.1 249.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015224.D

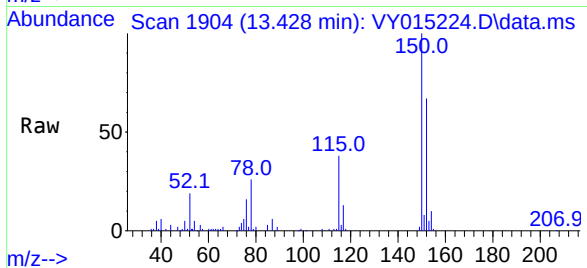
Acq: 21 Aug 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

B-PP17B



Tgt Ion:152 Resp: 18155

Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 155.8 0.0 348.8

