

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015226.D
 Acq On : 21 Aug 2023 18:32
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 22 01:57:32 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)

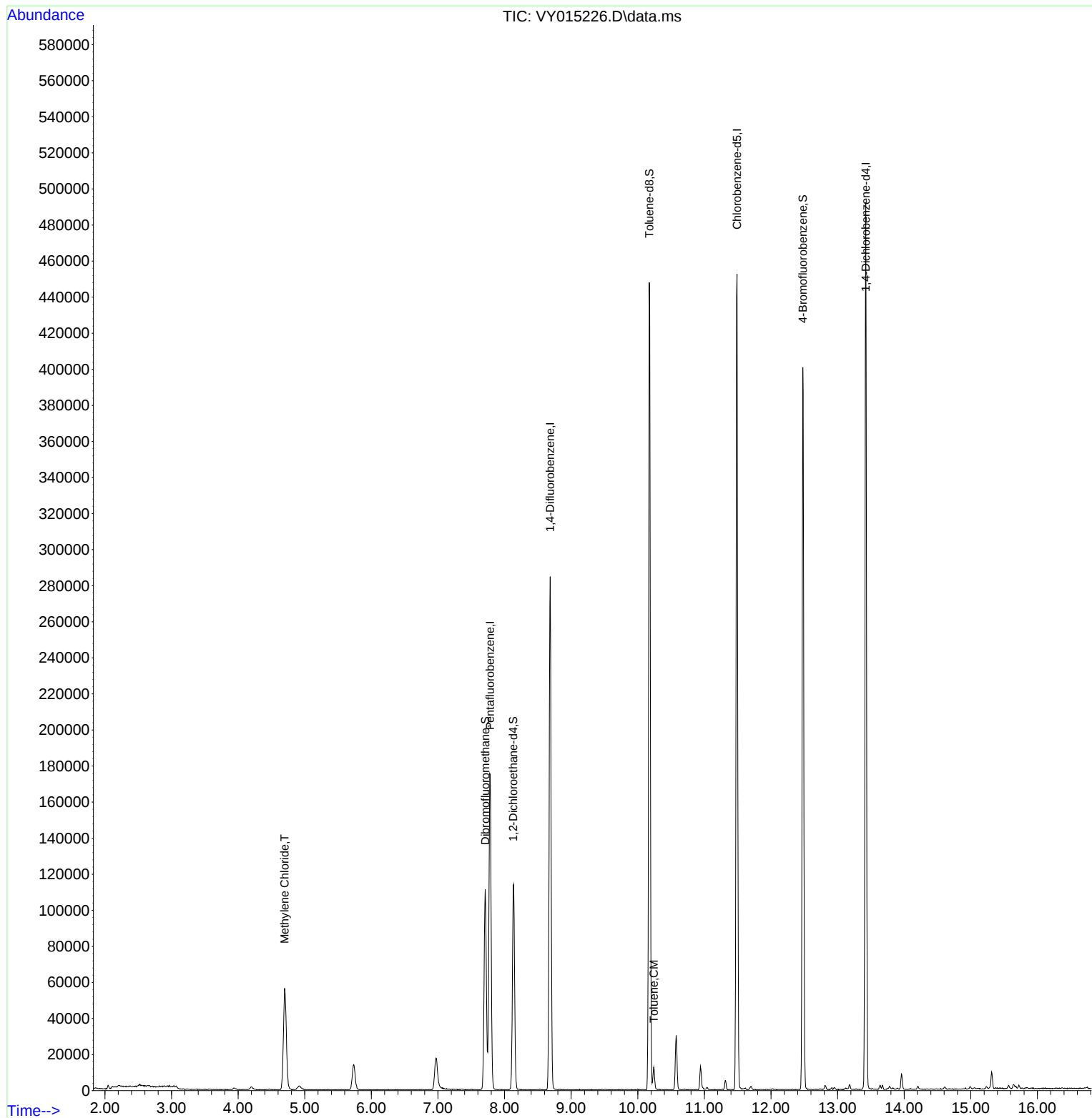
Internal Standards						
1) Pentafluorobenzene	7.783	168	139063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	247632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	91306	54.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.400%	
35) Dibromofluoromethane	7.710	113	77583	48.399	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.800%	
50) Toluene-d8	10.173	98	296585	49.703	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.477	95	113087	51.887	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.780%	
Target Compounds						Qvalue
20) Methylene Chloride	4.698	84	43088	31.341	ug/l	93
52) Toluene	10.240	92	5148	1.457	ug/l	97

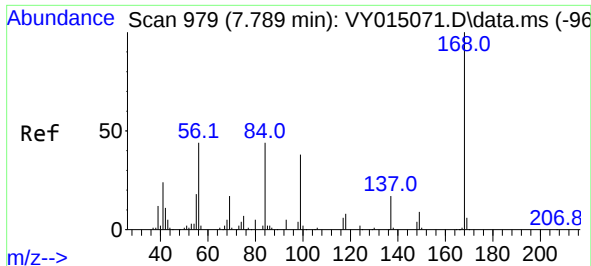
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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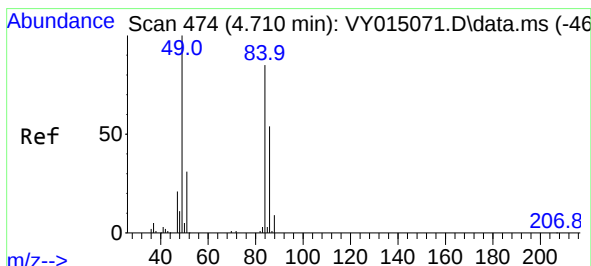
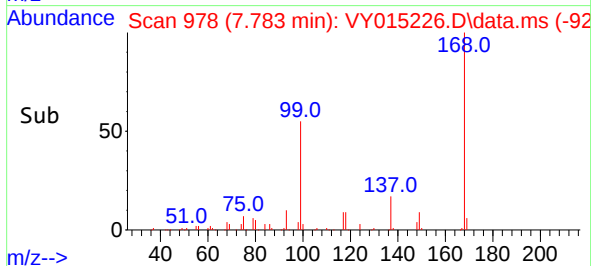
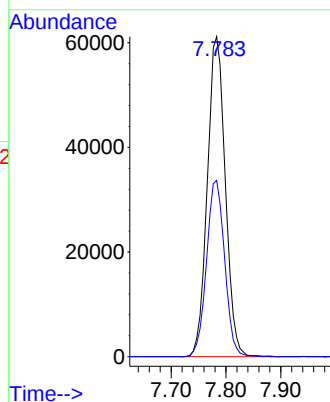
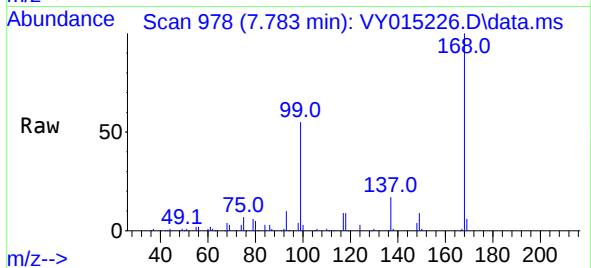




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

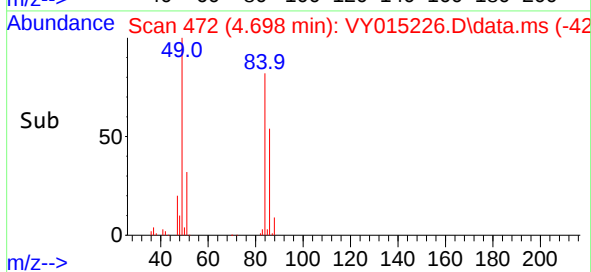
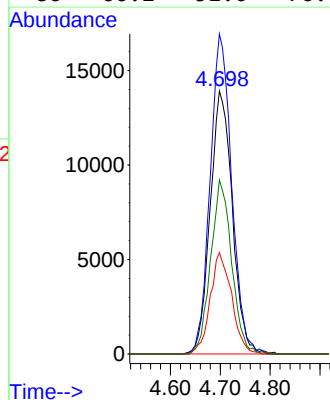
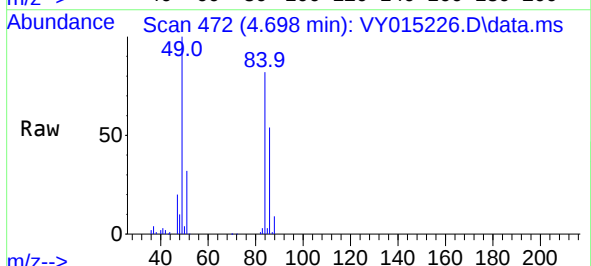
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

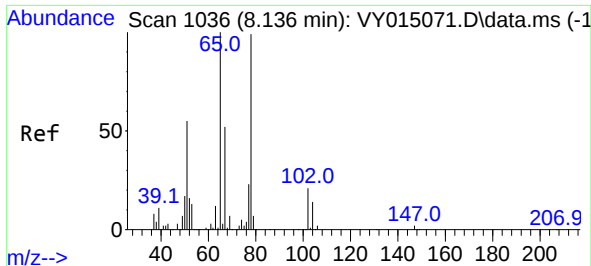
Tgt Ion:168 Resp: 139063
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#20
Methylene Chloride
Concen: 31.341 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

Tgt Ion: 84 Resp: 43088
Ion Ratio Lower Upper
84 100
49 121.7 106.9 160.3
51 38.5 33.2 49.8
86 66.2 51.0 76.6

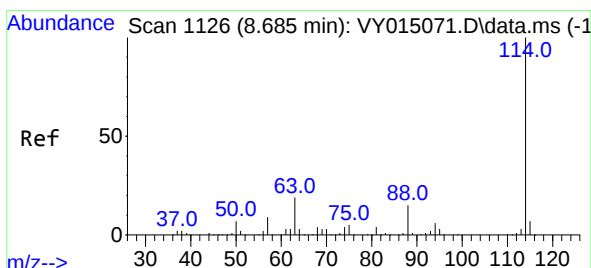
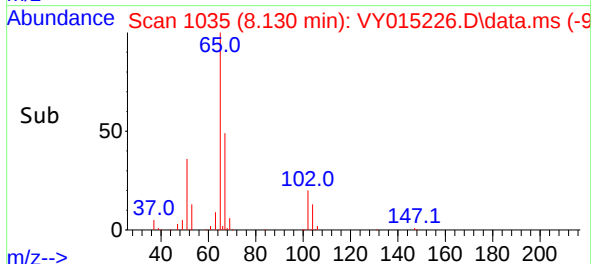
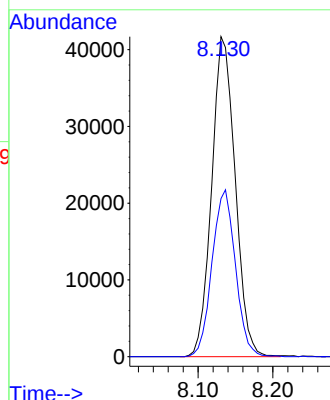
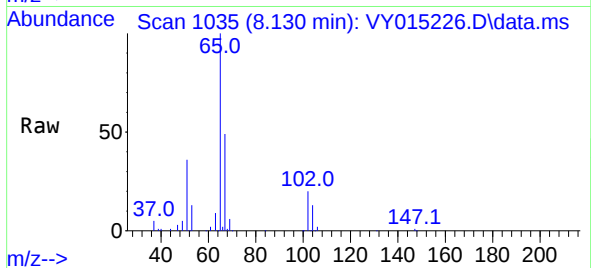




#33
1,2-Dichloroethane-d4
Concen: 54.696 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

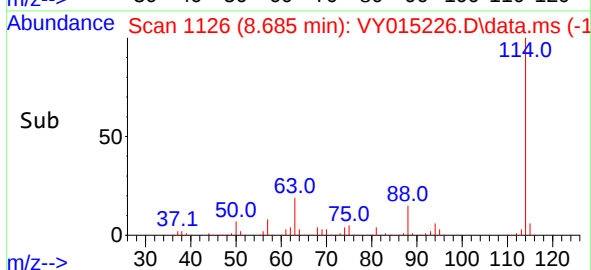
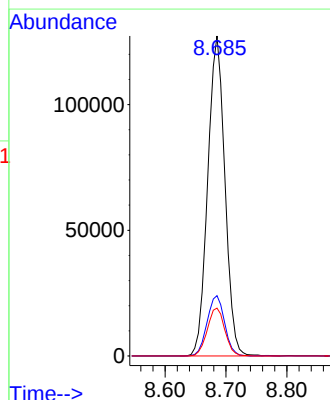
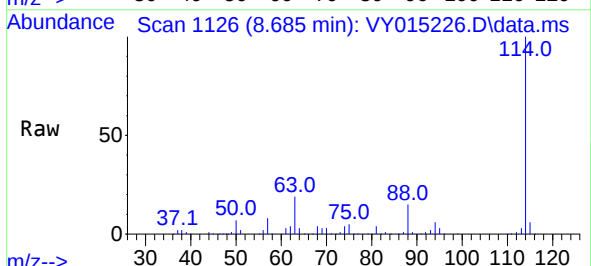
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 91306
Ion Ratio Lower Upper
65 100
67 51.9 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: VY015226.D
Acq: 21 Aug 2023 18:32

Tgt Ion: 114 Resp: 249167
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.4
88 15.0 0.0 30.6

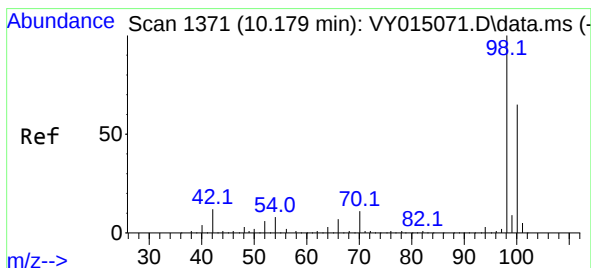
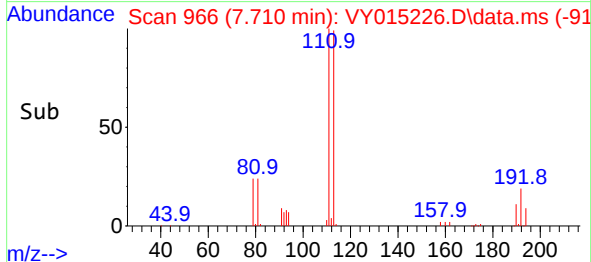
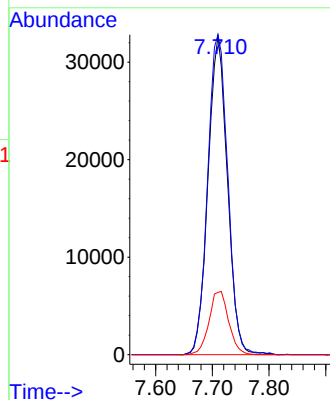
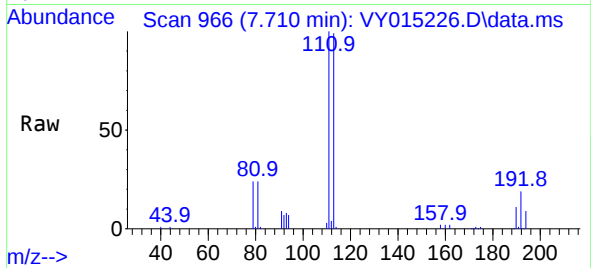




#35
Dibromofluoromethane
Concen: 48.399 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

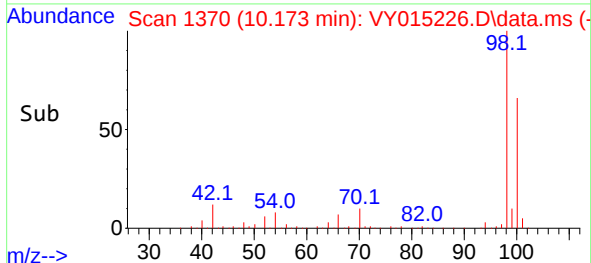
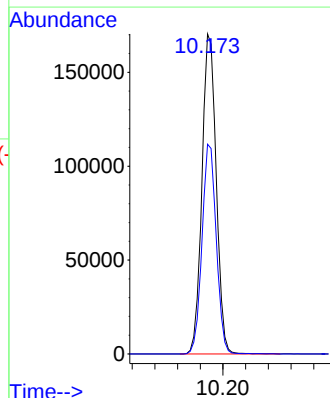
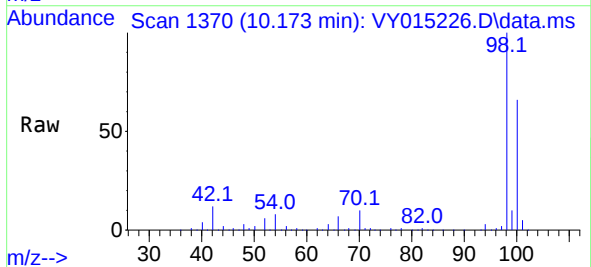
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

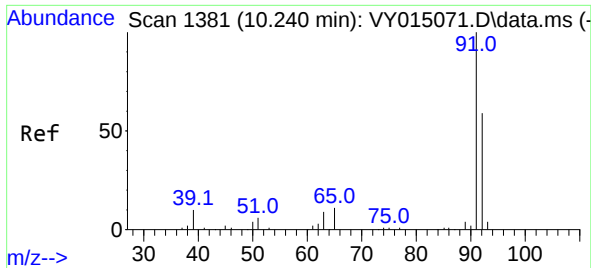
Tgt Ion:113 Resp: 77583
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 20.2 16.9 25.3



#50
Toluene-d8
Concen: 49.703 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

Tgt Ion: 98 Resp: 296585
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

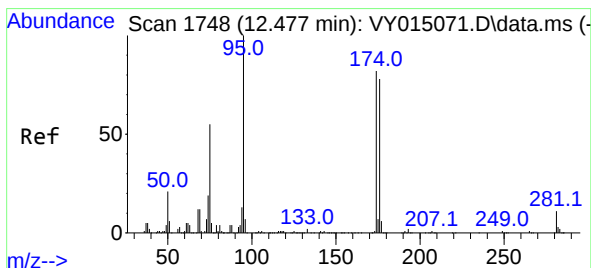
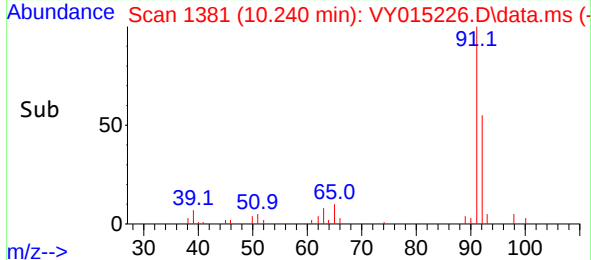
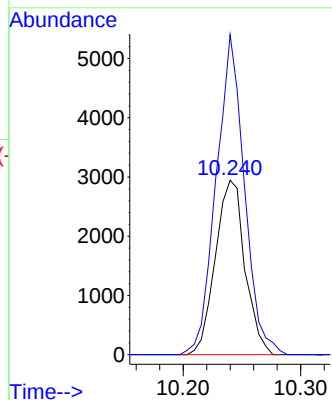
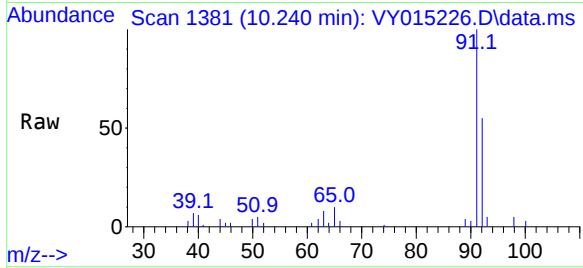




#52
Toluene
Concen: 1.457 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

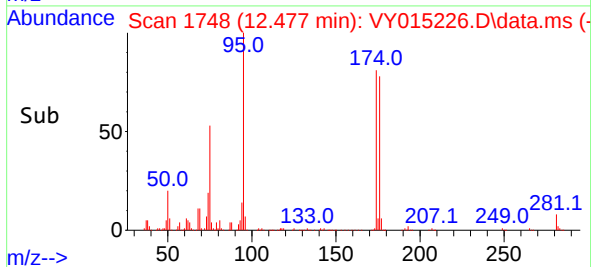
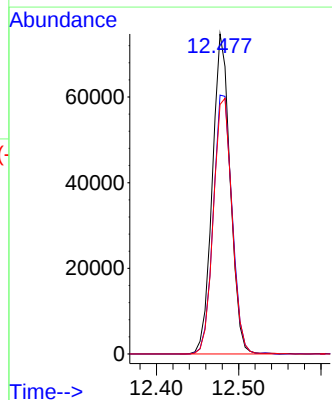
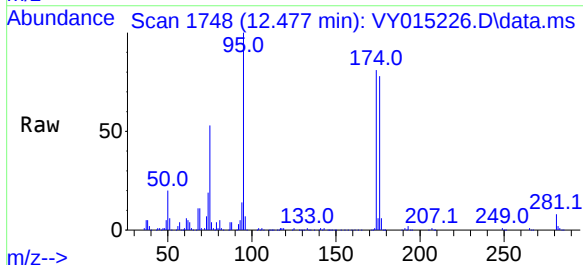
Instrument :
MSVOA_Y
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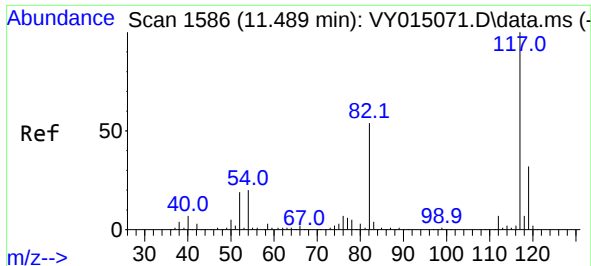
Tgt Ion: 92 Resp: 5148
Ion Ratio Lower Upper
92 100
91 175.0 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 51.887 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

Tgt Ion: 95 Resp: 113087
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 83.1 0.0 173.8

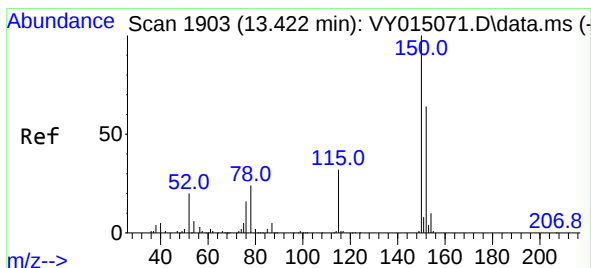
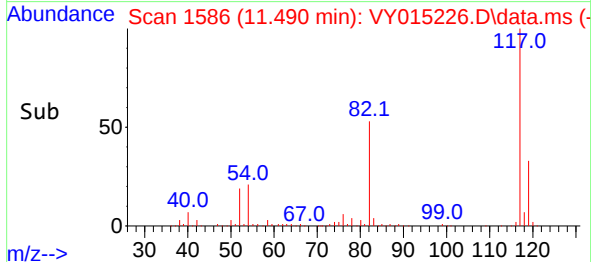
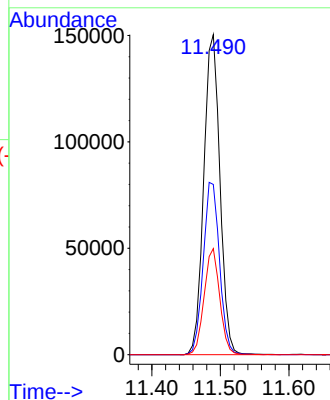
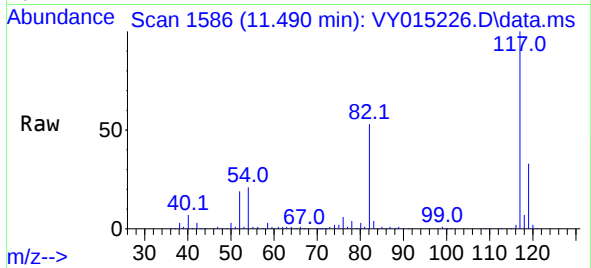




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 247632
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 33.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015226.D
Acq: 21 Aug 2023 18:32

Tgt Ion:152 Resp: 123360
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 157.0 0.0 348.8

