

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015249.D
 Acq On : 22 Aug 2023 17:02
 Operator : SY/MD
 Sample : 04090-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-K

Quant Time: Aug 23 00:50:44 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)

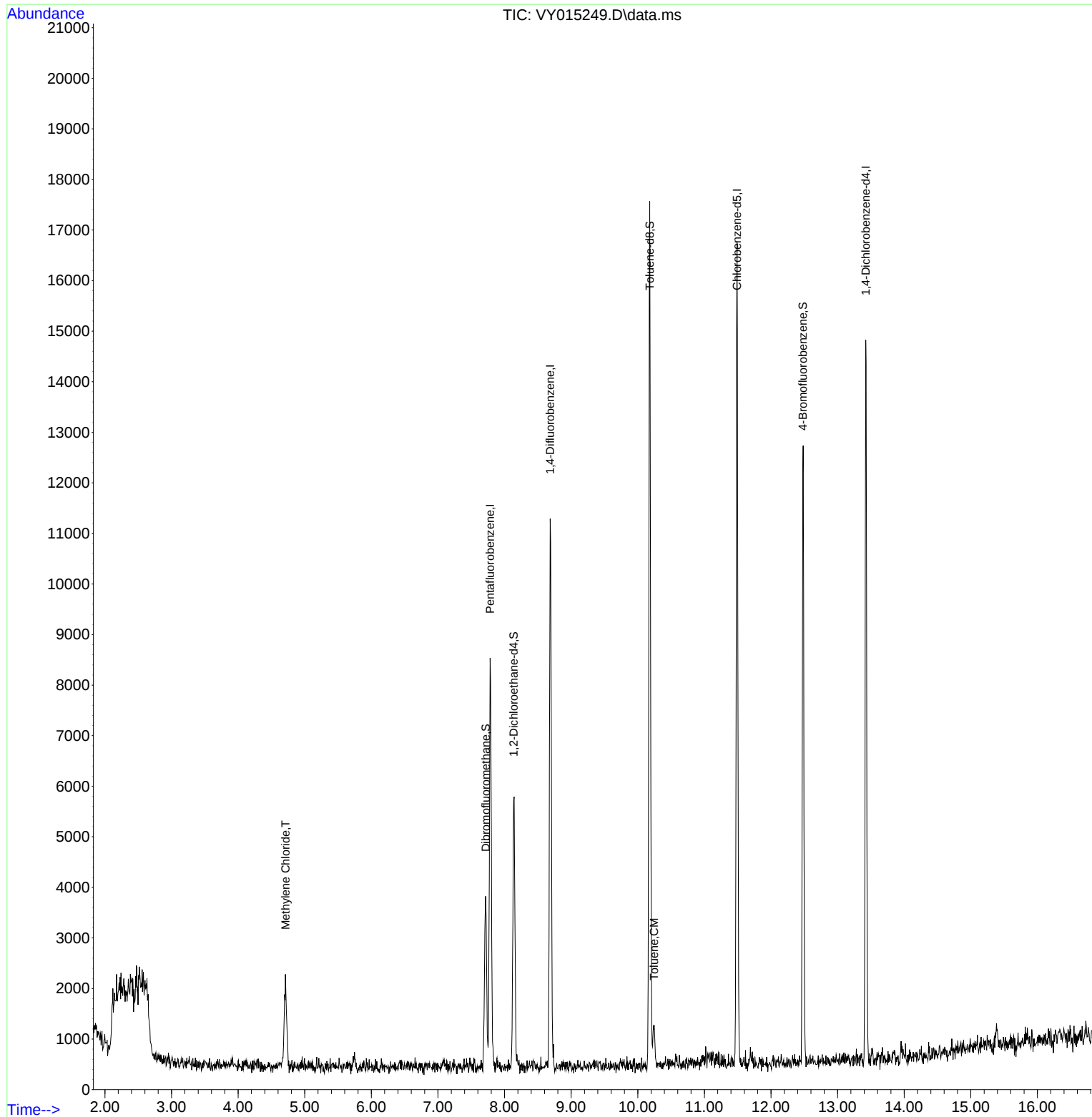
Internal Standards						
1) Pentafluorobenzene	7.783	168	6161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	9943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	9636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	4299	58.128	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.260%			
35) Dibromofluoromethane	7.716	113	2515	39.317	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 78.640%			
50) Toluene-d8	10.179	98	11465	48.148	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.300%			
62) 4-Bromofluorobenzene	12.477	95	3652	41.990	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 83.980%			
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	1175	17.473	ug/l	88
52) Toluene	10.246	92	499	3.538	ug/l	91

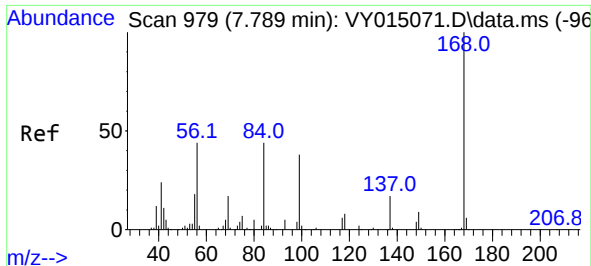
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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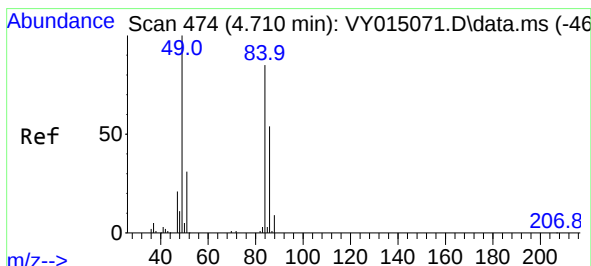
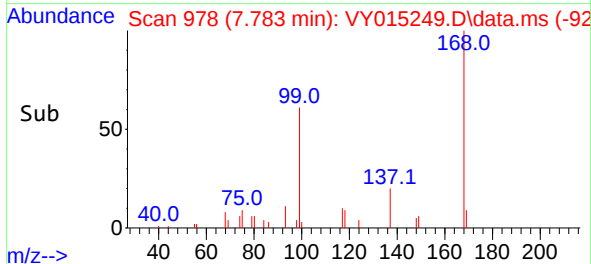
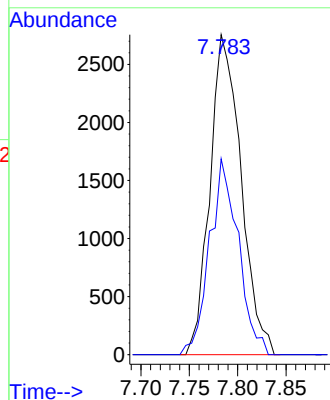
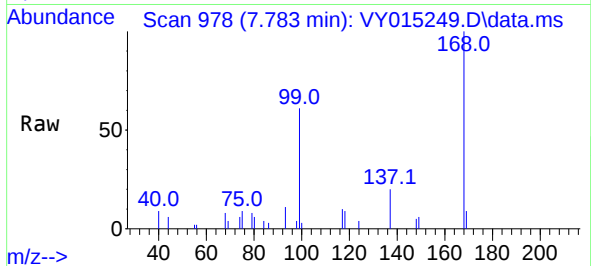




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015249.D
Acq: 22 Aug 2023 17:02

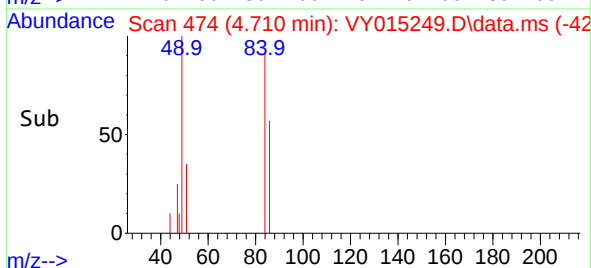
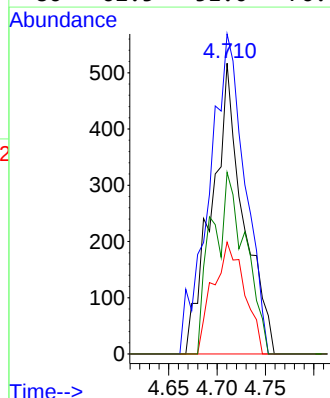
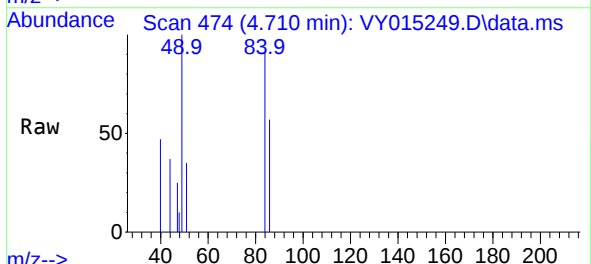
Instrument :
MSVOA_Y
ClientSampleId :
TP-K

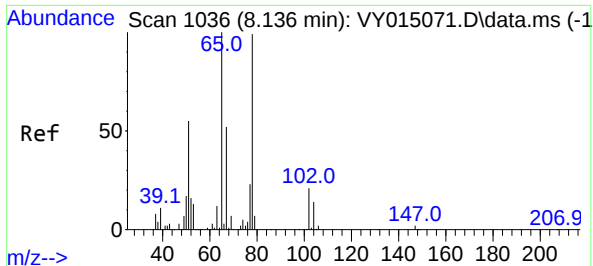
Tgt Ion:168 Resp: 6161
Ion Ratio Lower Upper
168 100
99 61.2 43.4 65.0



#20
Methylene Chloride
Concen: 17.473 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015249.D
Acq: 22 Aug 2023 17:02

Tgt Ion: 84 Resp: 1175
Ion Ratio Lower Upper
84 100
49 110.1 106.9 160.3
51 38.5 33.2 49.8
86 62.5 51.0 76.6

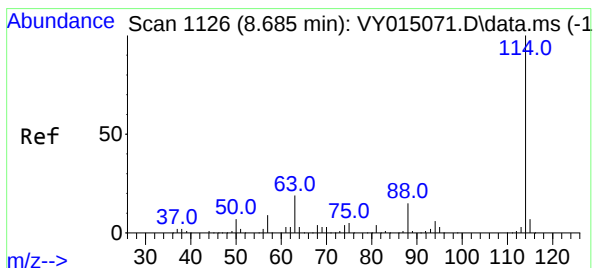
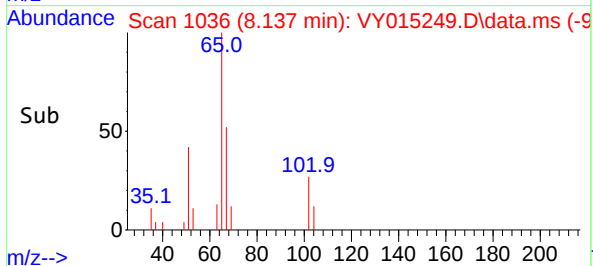
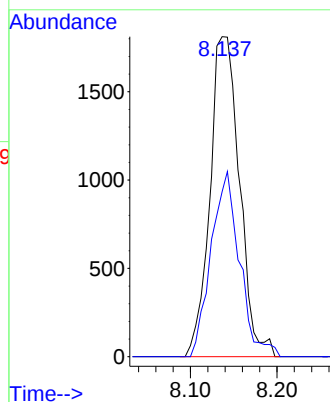
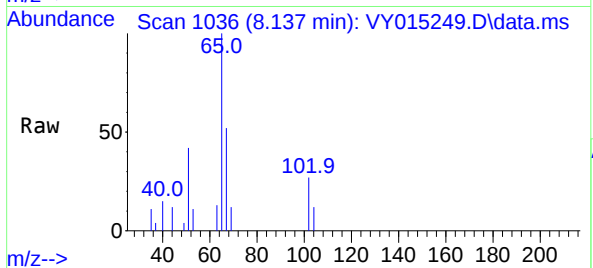




#33
1,2-Dichloroethane-d4
Concen: 58.128 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015249.D
Acq: 22 Aug 2023 17:02

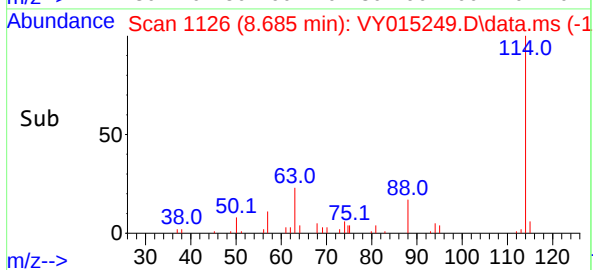
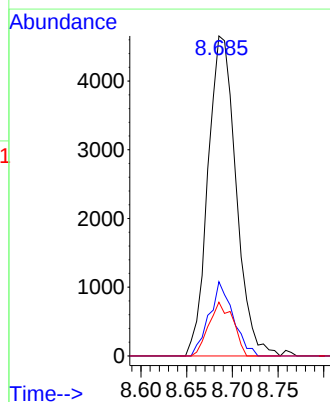
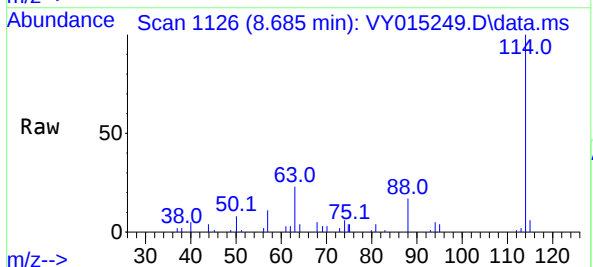
Instrument :
MSVOA_Y
ClientSampleId :
TP-K

Tgt Ion: 65 Resp: 4299
Ion Ratio Lower Upper
65 100
67 55.8 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: VY015249.D
Acq: 22 Aug 2023 17:02

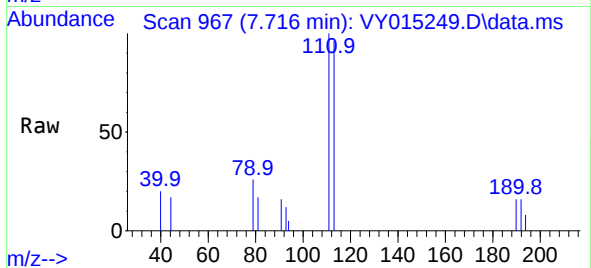
Tgt Ion: 114 Resp: 9943
Ion Ratio Lower Upper
114 100
63 23.2 0.0 42.4
88 16.8 0.0 30.6



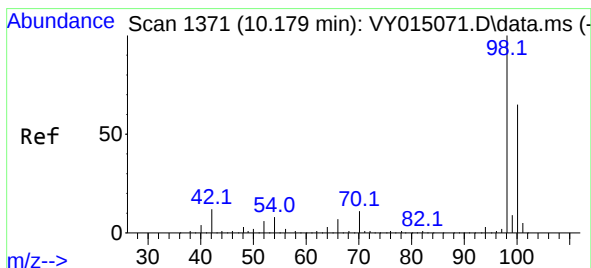
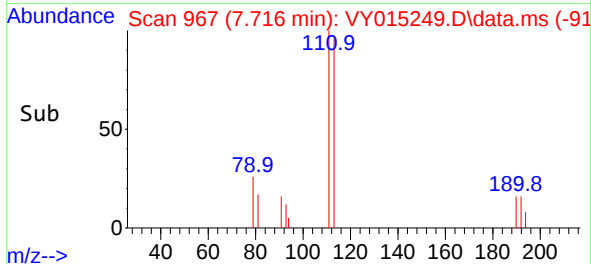
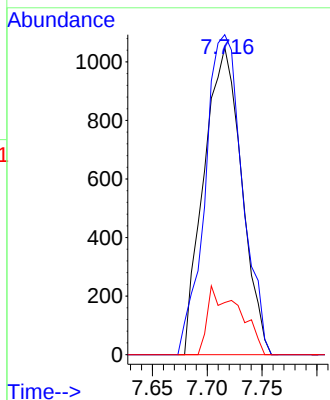


#35
Dibromofluoromethane
Concen: 39.317 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015249.D
Acq: 22 Aug 2023 17:02

Instrument :
MSVOA_Y
ClientSampleId :
TP-K

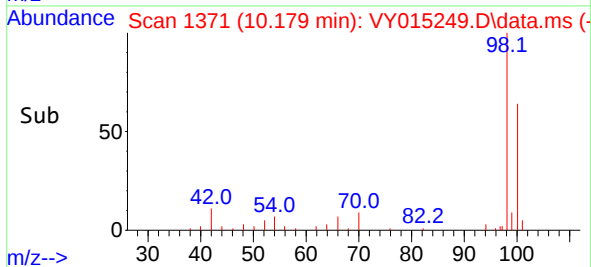
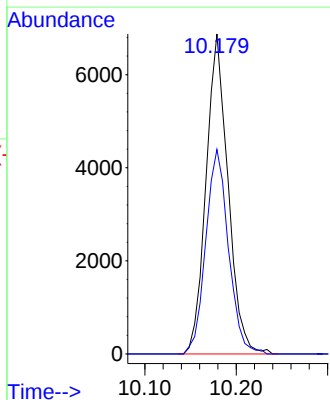
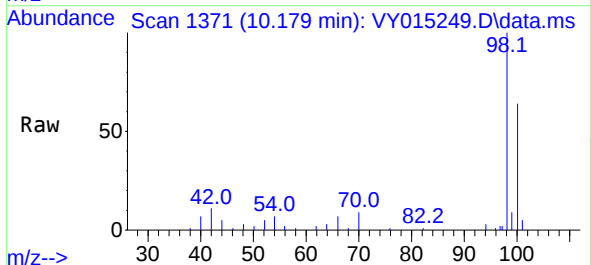


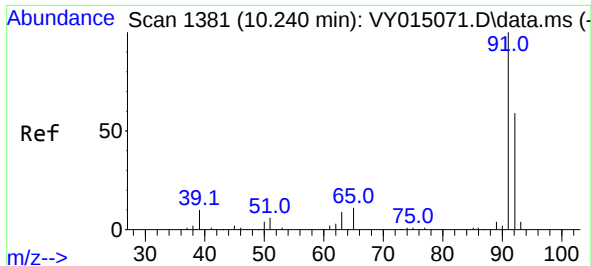
Tgt Ion:113 Resp: 2515
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 18.7 16.9 25.3



#50
Toluene-d8
Concen: 48.148 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015249.D
Acq: 22 Aug 2023 17:02

Tgt Ion: 98 Resp: 11465
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1

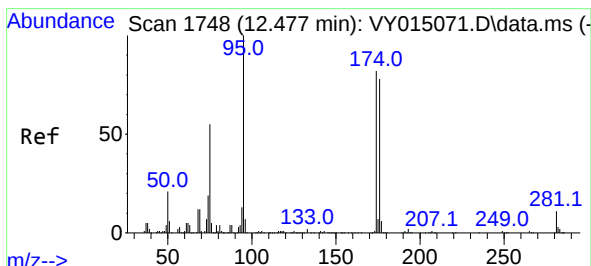
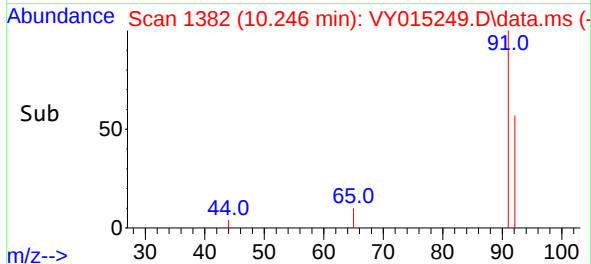
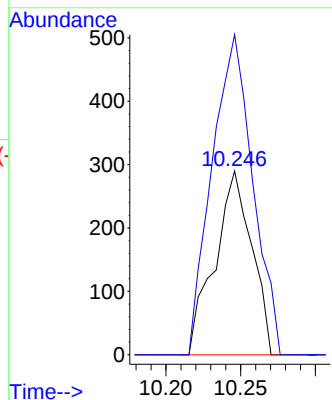
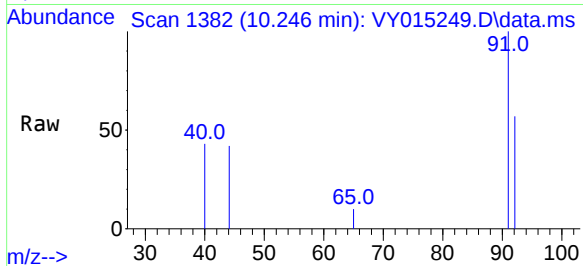




#52
Toluene
Concen: 3.538 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015249.D
Acq: 22 Aug 2023 17:02

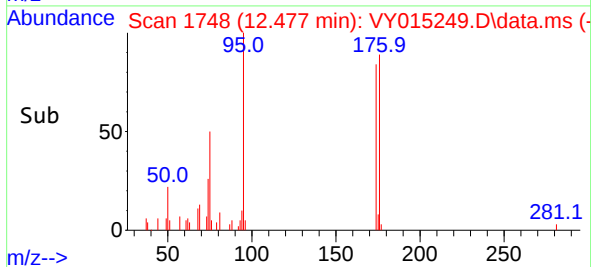
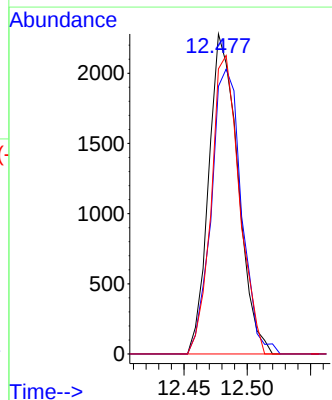
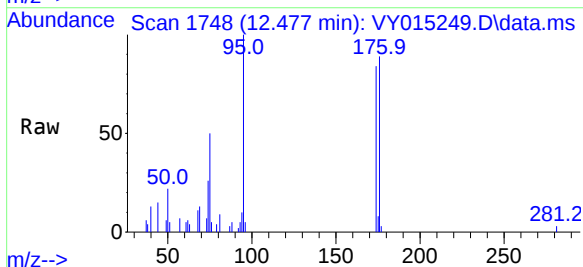
Instrument :
MSVOA_Y
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TP-K

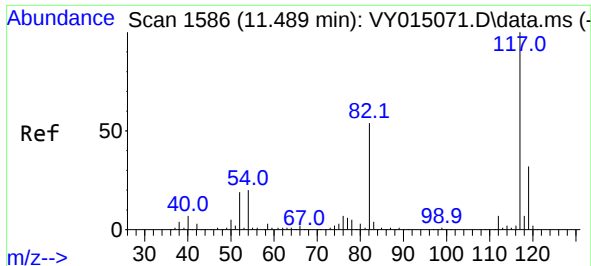
Tgt Ion: 92 Resp: 499
Ion Ratio Lower Upper
92 100
91 192.0 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 41.990 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015249.D
Acq: 22 Aug 2023 17:02

Tgt Ion: 95 Resp: 3652
Ion Ratio Lower Upper
95 100
174 92.3 0.0 178.2
176 90.2 0.0 173.8

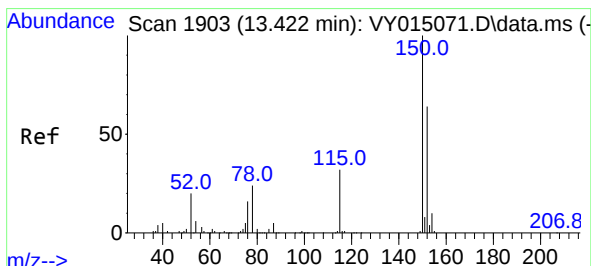
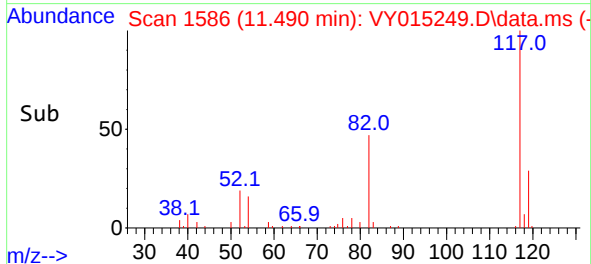
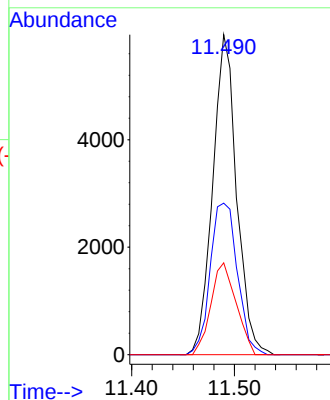
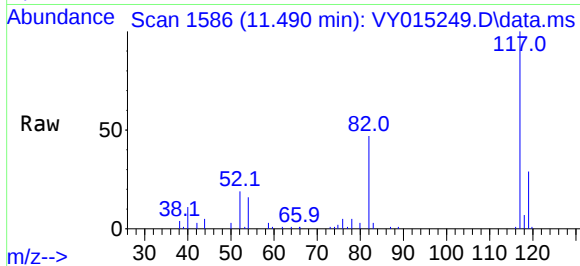




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015249.D
Acq: 22 Aug 2023 17:02

Instrument :
MSVOA_Y
ClientSampleId :
TP-K

Tgt Ion:117 Resp: 9636
Ion Ratio Lower Upper
117 100
82 47.4 43.4 65.0
119 28.7 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: VY015249.D
Acq: 22 Aug 2023 17:02

Tgt Ion:152 Resp: 3901
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 148.9 0.0 348.8

