

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015192.D
 Acq On : 18 Aug 2023 13:50
 Operator : SY/MD
 Sample : 04086-03
 Misc : 5.04g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP07A

Quant Time: Aug 18 23:08:41 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)

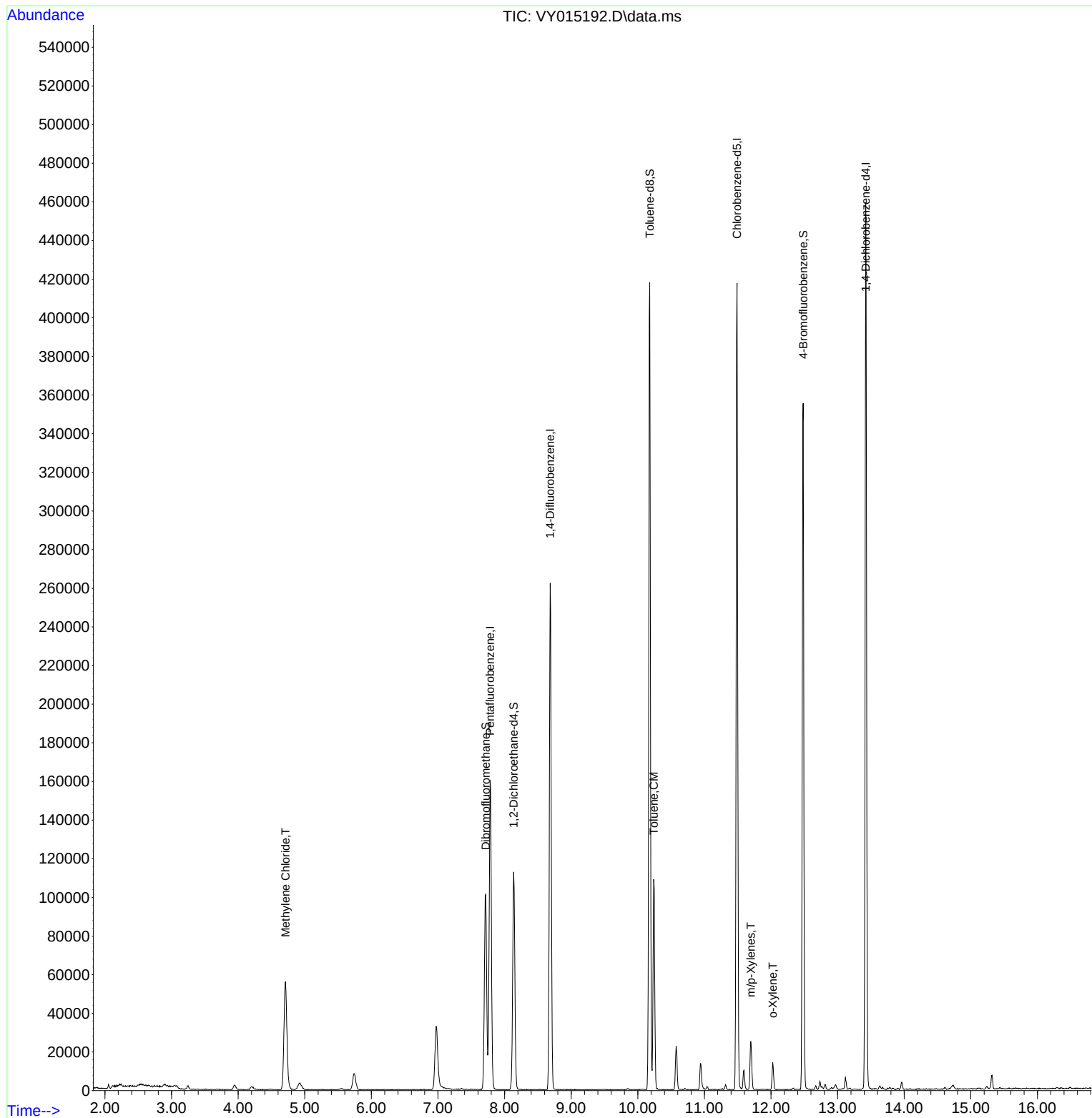
Internal Standards						
1) Pentafluorobenzene	7.783	168	124855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	223044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	226903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87895	58.645	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.280%
35) Dibromofluoromethane	7.716	113	71968	50.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.300%
50) Toluene-d8	10.179	98	271310	50.792	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.580%
62) 4-Bromofluorobenzene	12.483	95	103414	53.006	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.020%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	42297	34.709	ug/l	98
52) Toluene	10.240	92	45408	14.354	ug/l	94
68) m/p-Xylenes	11.697	106	7331	2.665	ug/l	95
69) o-Xylene	12.026	106	3728	1.360	ug/l	93

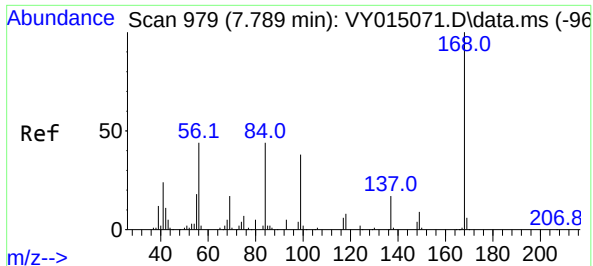
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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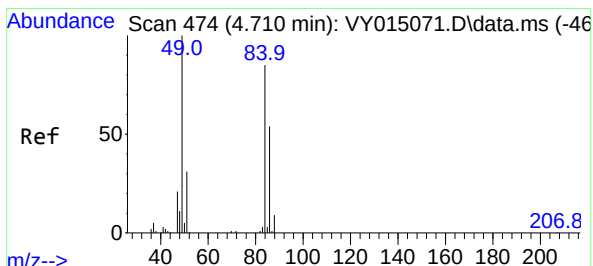
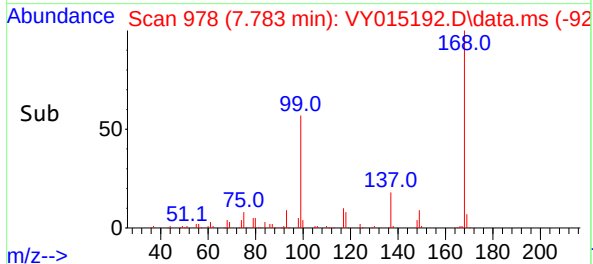
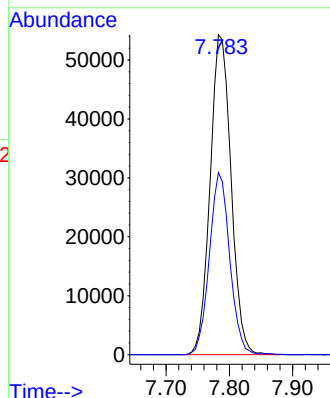
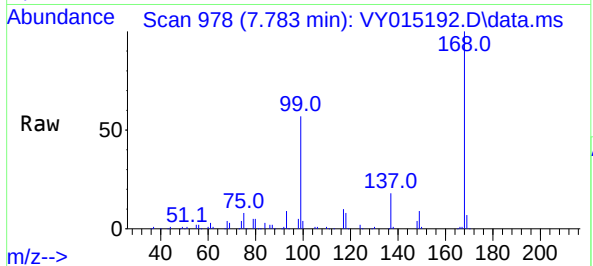




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015192.D
Acq: 18 Aug 2023 13:50

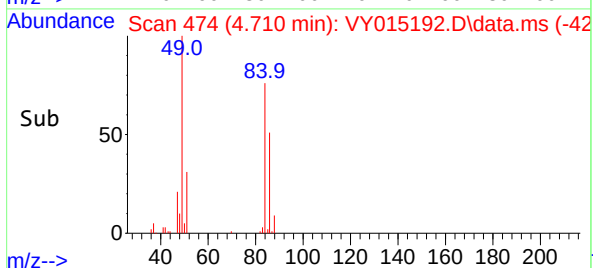
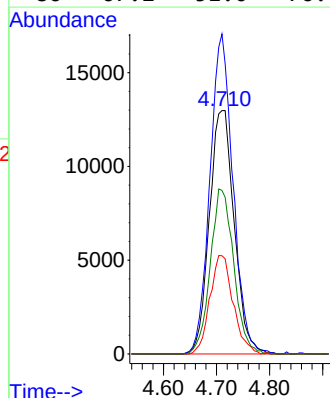
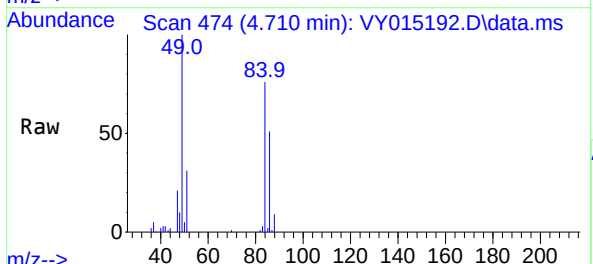
Instrument :
MSVOA_Y
ClientSampleId :
B-PP07A

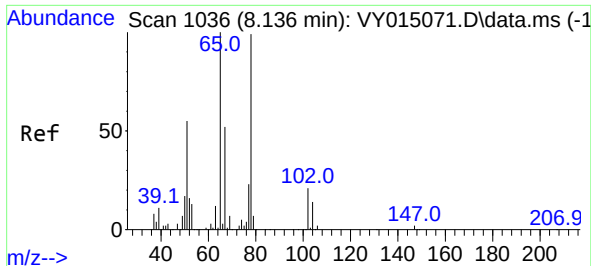
Tgt Ion:168 Resp: 124855
Ion Ratio Lower Upper
168 100
99 56.9 43.4 65.0



#20
Methylene Chloride
Concen: 34.709 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015192.D
Acq: 18 Aug 2023 13:50

Tgt Ion: 84 Resp: 42297
Ion Ratio Lower Upper
84 100
49 131.5 106.9 160.3
51 40.4 33.2 49.8
86 67.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 58.645 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015192.D

Acq: 18 Aug 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :

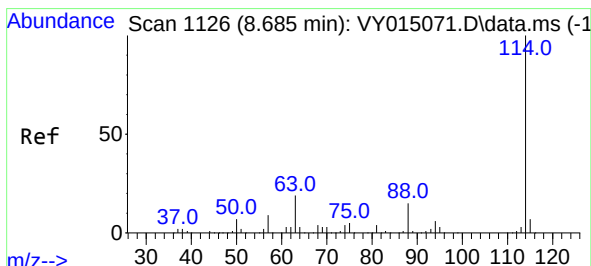
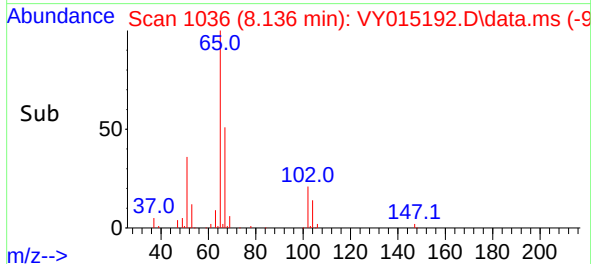
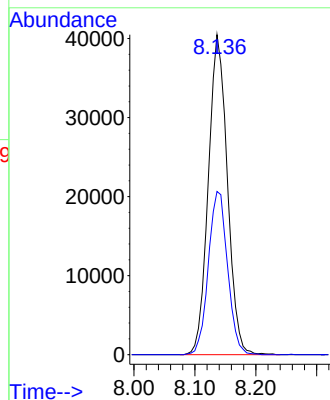
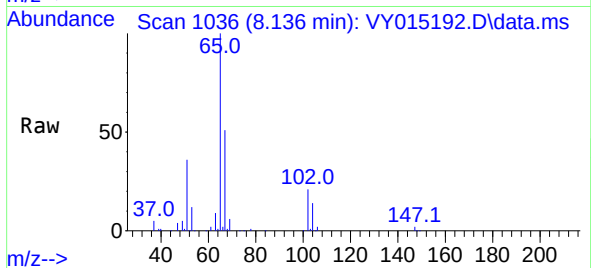
B-PP07A

Tgt Ion: 65 Resp: 87895

Ion Ratio Lower Upper

65 100

67 51.4 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: VY015192.D

Acq: 18 Aug 2023 13:50

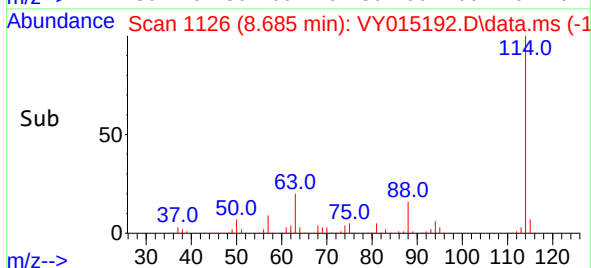
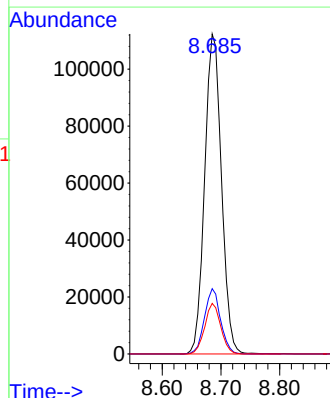
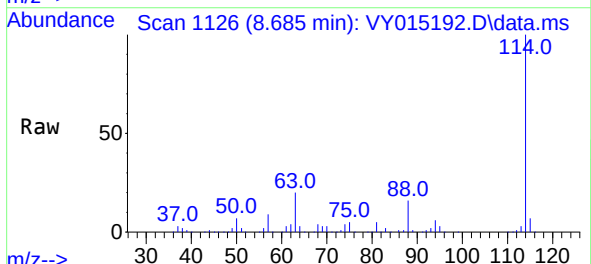
Tgt Ion: 114 Resp: 223044

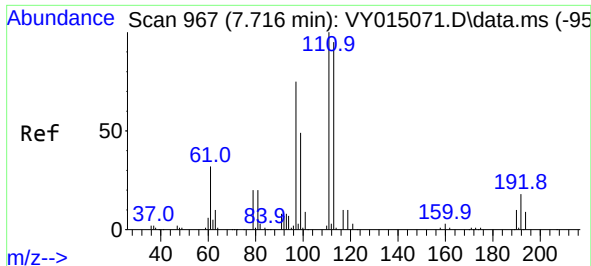
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 15.8 0.0 30.6

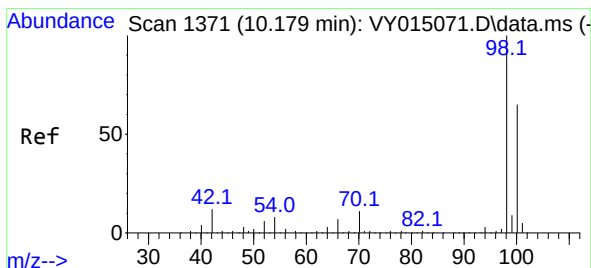
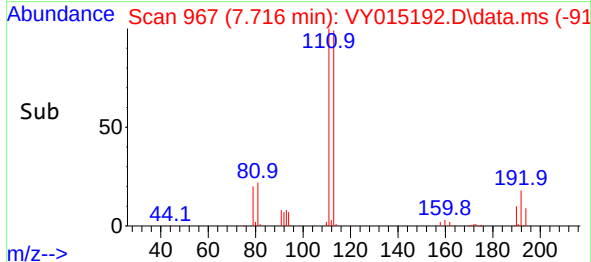
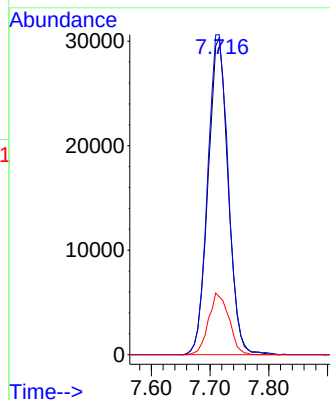
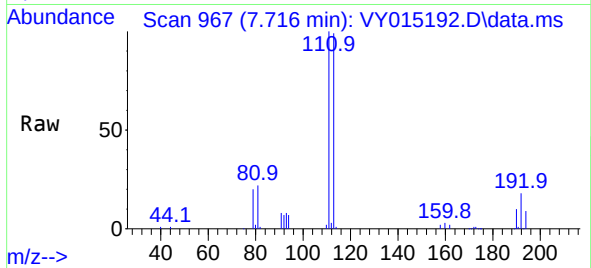




#35
Dibromofluoromethane
Concen: 50.155 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015192.D
Acq: 18 Aug 2023 13:50

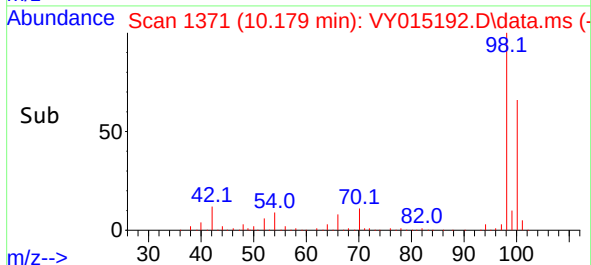
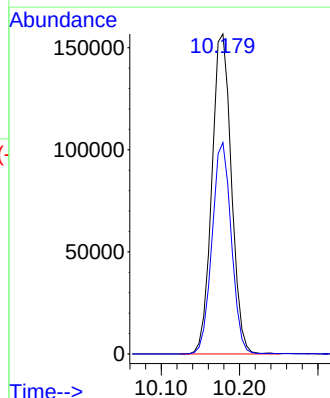
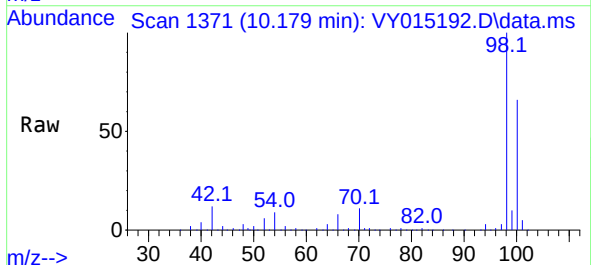
Instrument :
MSVOA_Y
ClientSampleId :
B-PP07A

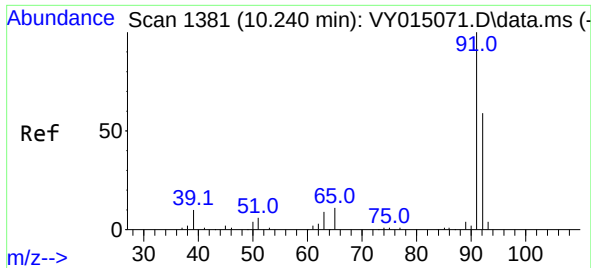
Tgt Ion:113 Resp: 71968
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 50.792 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015192.D
Acq: 18 Aug 2023 13:50

Tgt Ion: 98 Resp: 271310
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

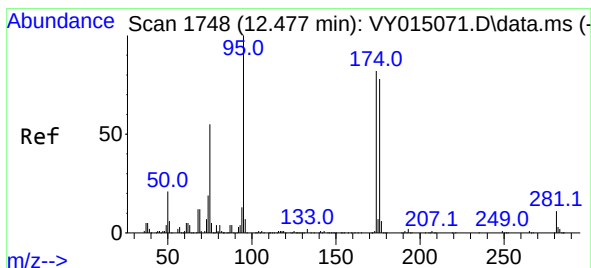
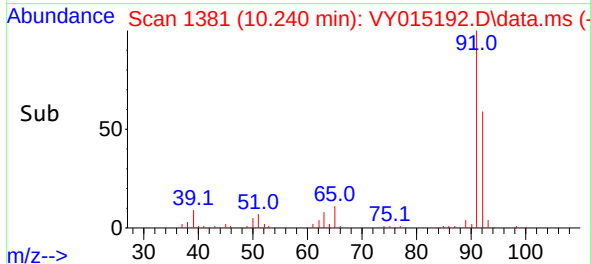
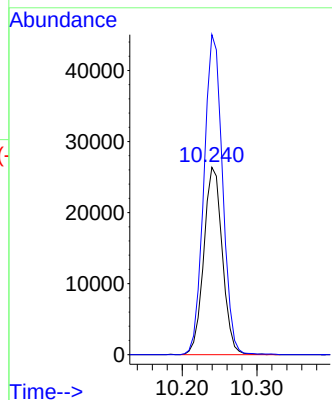
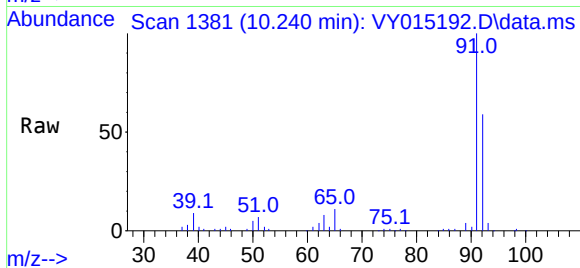




#52
Toluene
Concen: 14.354 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015192.D
Acq: 18 Aug 2023 13:50

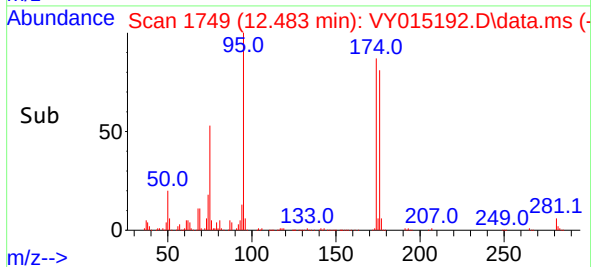
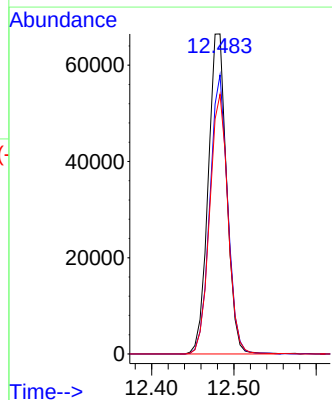
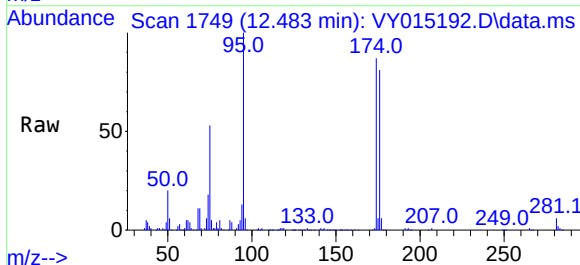
Instrument :
MSVOA_Y
ClientSampleId :
B-PP07A

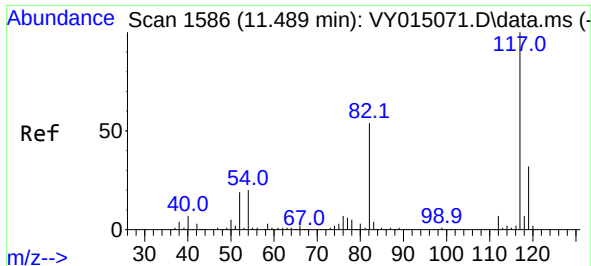
Tgt Ion: 92 Resp: 45408
Ion Ratio Lower Upper
92 100
91 171.5 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 53.006 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015192.D
Acq: 18 Aug 2023 13:50

Tgt Ion: 95 Resp: 103414
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 80.7 0.0 173.8

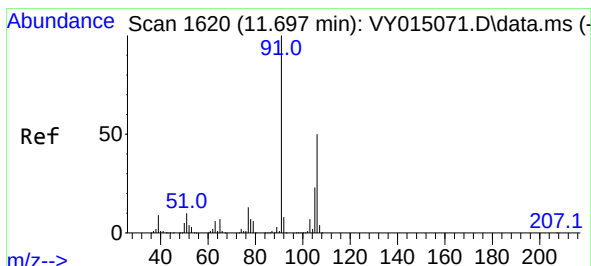
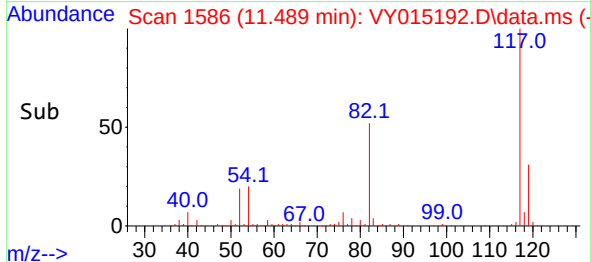
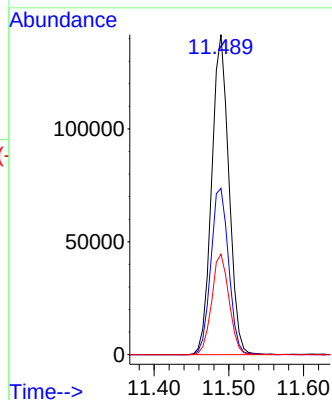
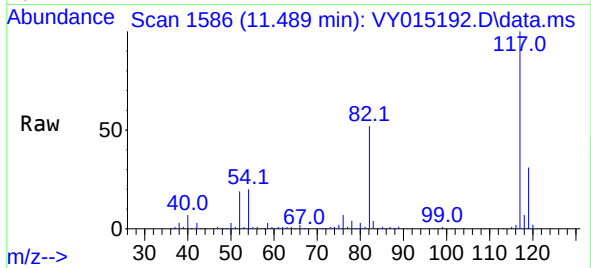




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY015192.D
Acq: 18 Aug 2023 13:50

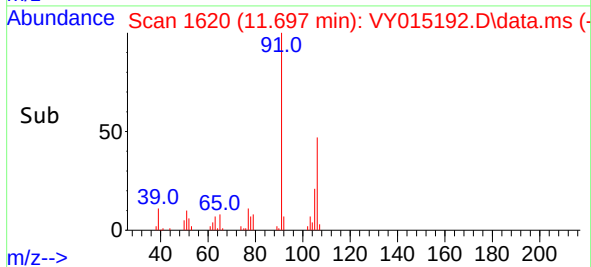
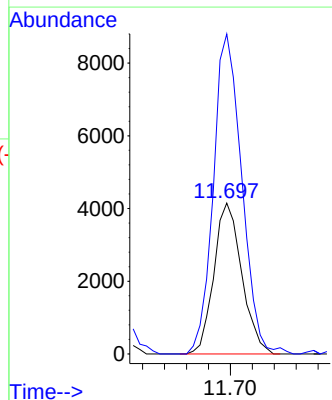
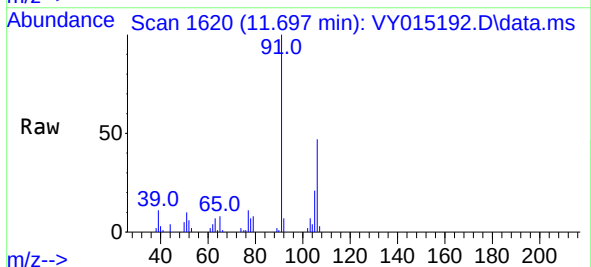
Instrument :
MSVOA_Y
ClientSampleId :
B-PP07A

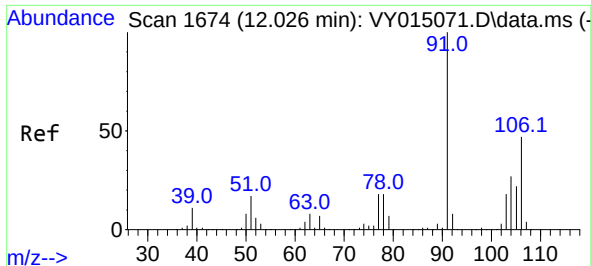
Tgt Ion:117 Resp: 226903
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.0
119 31.4 26.3 39.5



#68
m/p-Xylenes
Concen: 2.665 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY015192.D
Acq: 18 Aug 2023 13:50

Tgt Ion:106 Resp: 7331
Ion Ratio Lower Upper
106 100
91 215.9 166.1 249.1

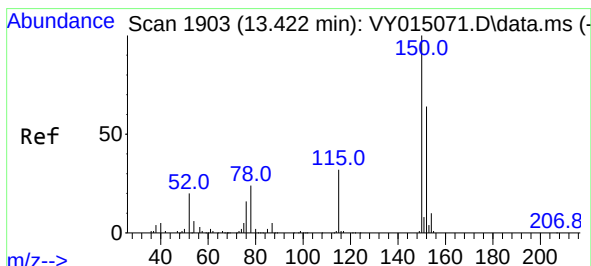
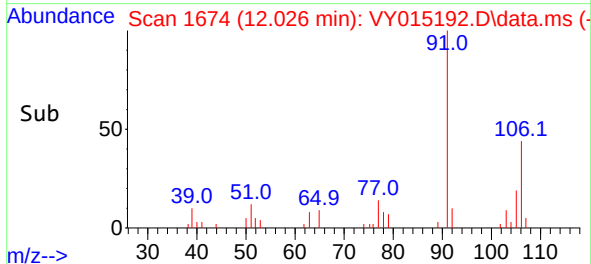
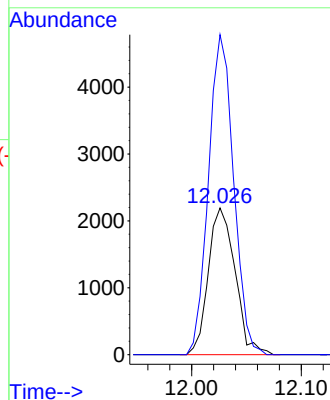
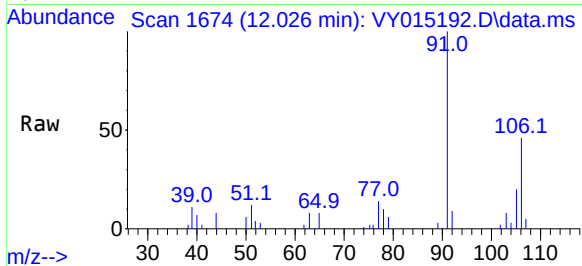




#69
o-Xylene
Concen: 1.360 ug/l
RT: 12.026 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015192.D
Acq: 18 Aug 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :
B-PP07A

Tgt Ion:106 Resp: 3728
Ion Ratio Lower Upper
106 100
91 204.6 108.1 324.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015192.D
Acq: 18 Aug 2023 13:50

Tgt Ion:152 Resp: 113665
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 157.4 0.0 348.8

