

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015206.D
 Acq On : 18 Aug 2023 19:21
 Operator : SY/MD
 Sample : 04086-19
 Misc : 5.10g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP10A

Quant Time: Aug 18 23:16:08 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)

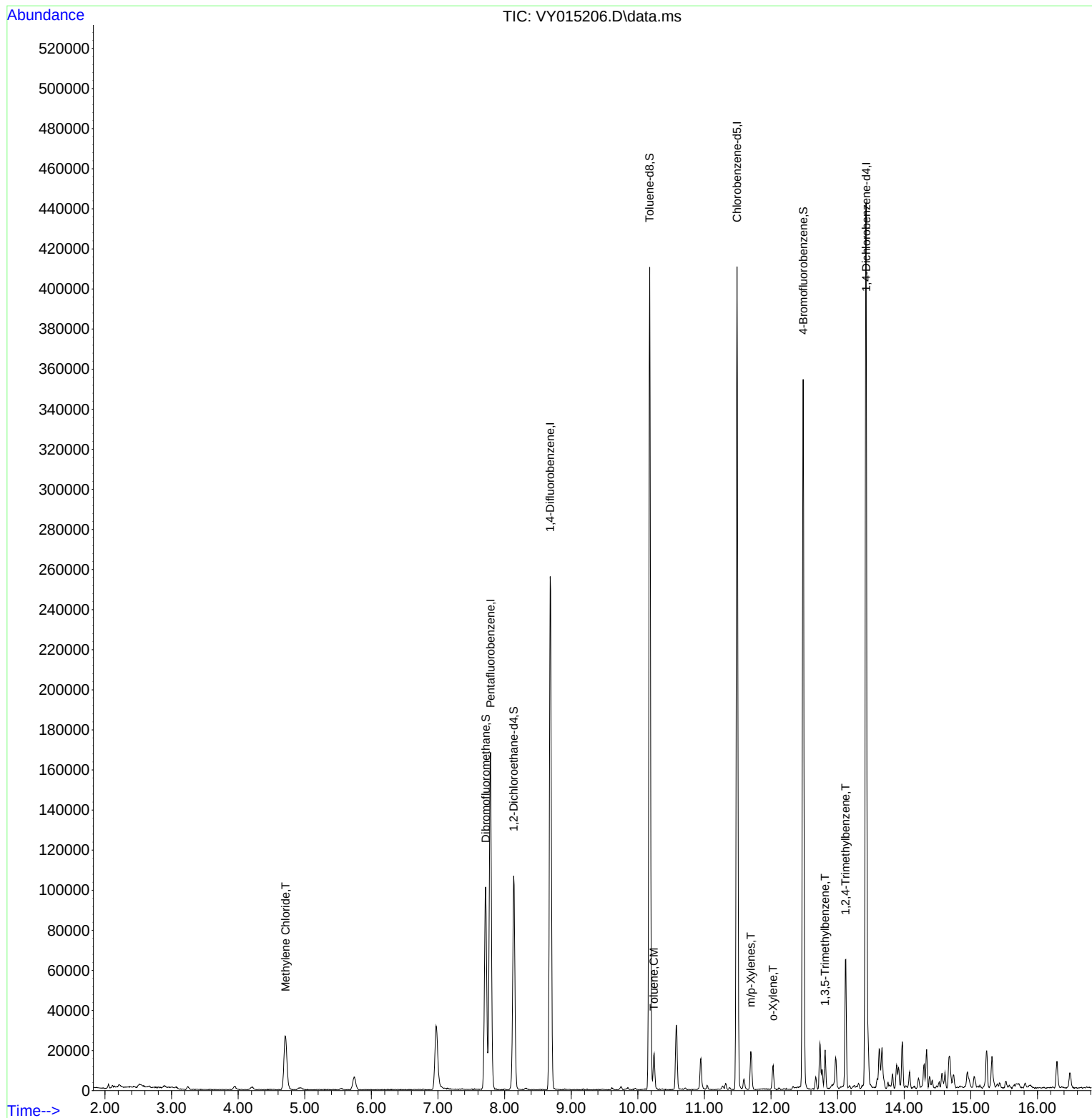
Internal Standards						
1) Pentafluorobenzene	7.789	168	130152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	224524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	221575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82960	53.099	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.200%	
35) Dibromofluoromethane	7.716	113	70037	48.487	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.980%	
50) Toluene-d8	10.179	98	264000	49.098	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.200%	
62) 4-Bromofluorobenzene	12.483	95	104040	52.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.940%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	21113	14.156	ug/l	88
52) Toluene	10.240	92	7569	2.377	ug/l	90
68) m/p-Xylenes	11.697	106	5657	2.106	ug/l	99
69) o-Xylene	12.032	106	3107	1.161	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	8659	1.414	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	35847	5.858	ug/l	98

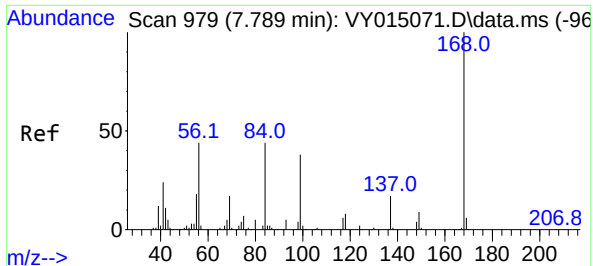
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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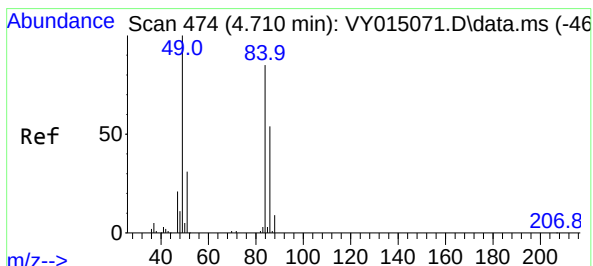
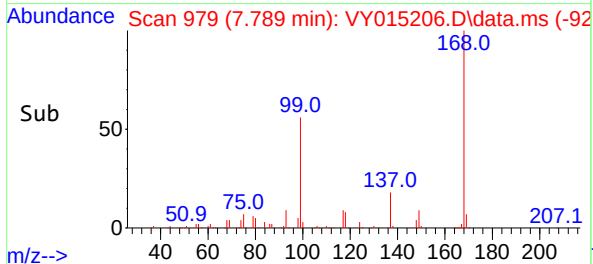
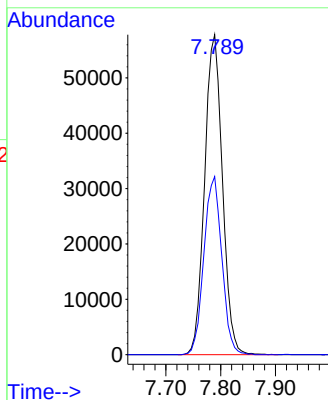
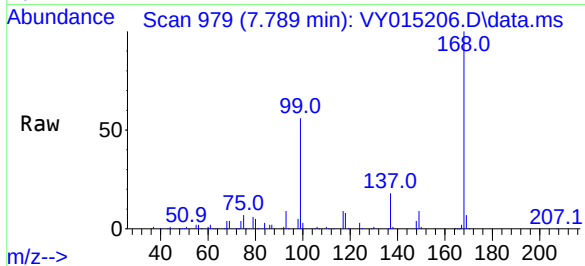




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015206.D
Acq: 18 Aug 2023 19:21

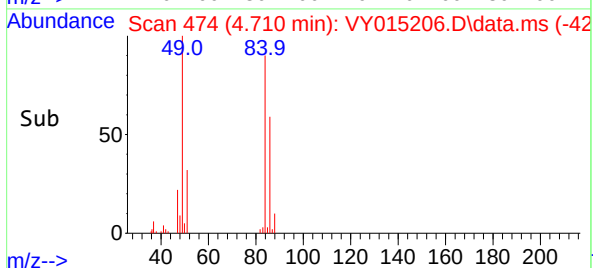
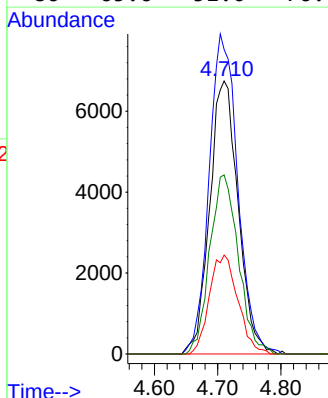
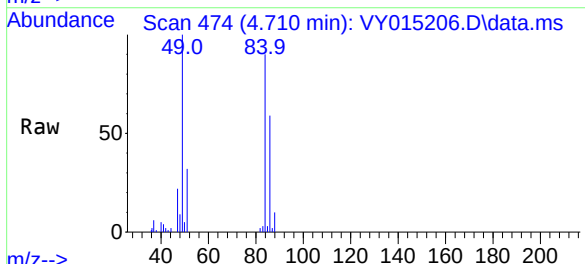
Instrument :
MSVOA_Y
ClientSampleId :
B-PP10A

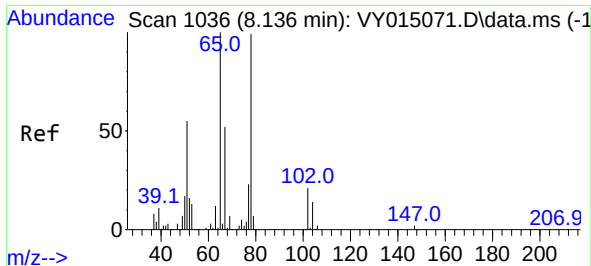
Tgt Ion:168 Resp: 130152
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#20
Methylene Chloride
Concen: 14.156 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015206.D
Acq: 18 Aug 2023 19:21

Tgt Ion: 84 Resp: 21113
Ion Ratio Lower Upper
84 100
49 111.5 106.9 160.3
51 36.2 33.2 49.8
86 65.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 53.099 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015206.D

Acq: 18 Aug 2023 19:21

Instrument :

MSVOA_Y

ClientSampleId :

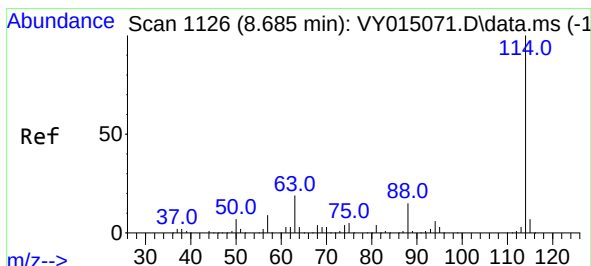
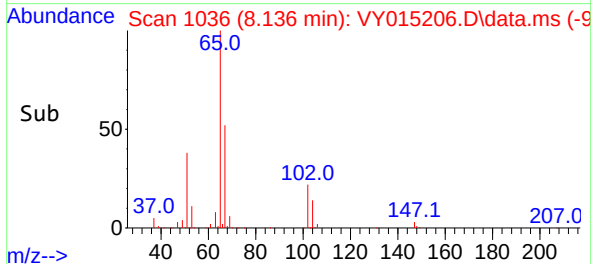
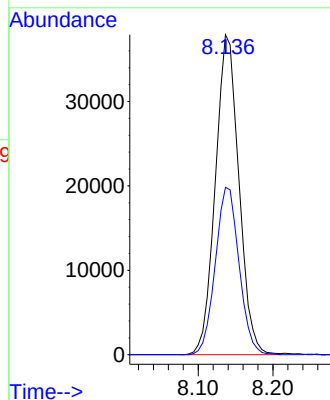
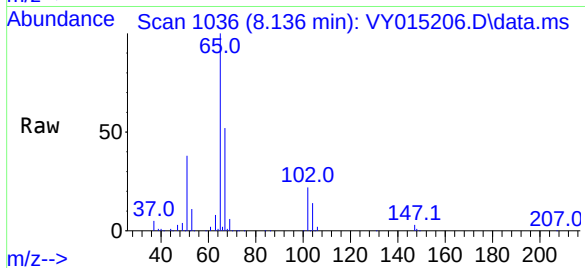
B-PP10A

Tgt Ion: 65 Resp: 82960

Ion Ratio Lower Upper

65 100

67 52.7 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: VY015206.D

Acq: 18 Aug 2023 19:21

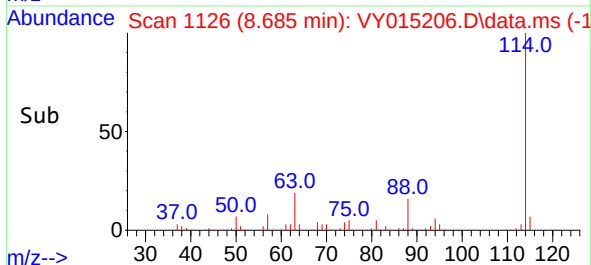
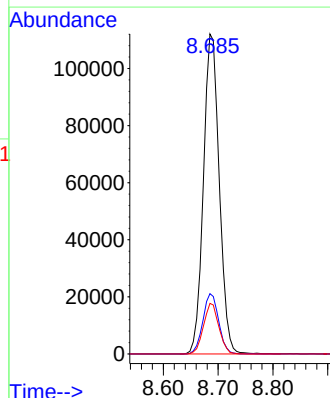
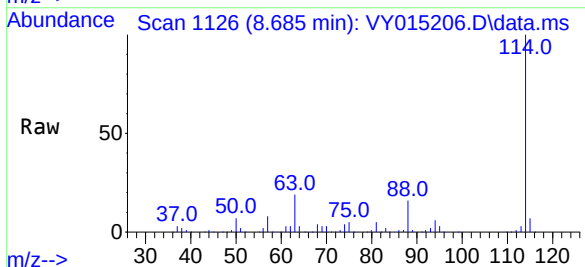
Tgt Ion: 114 Resp: 224524

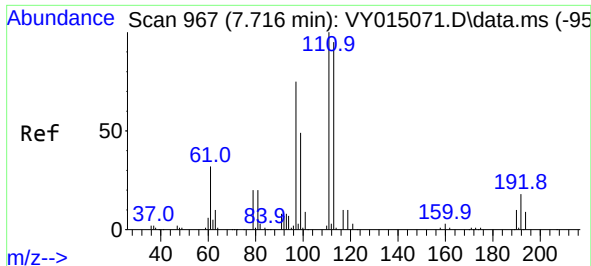
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.8 0.0 30.6

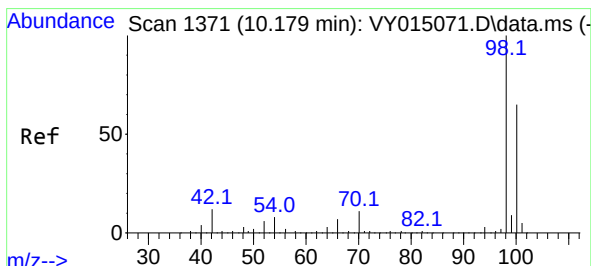
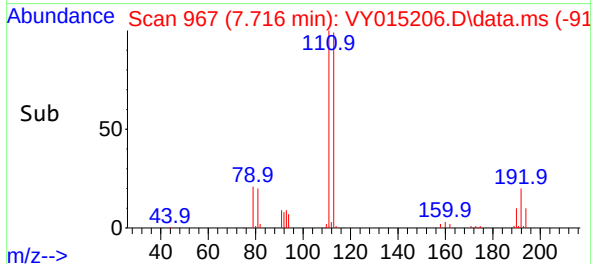
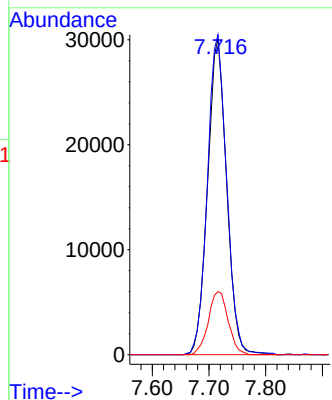
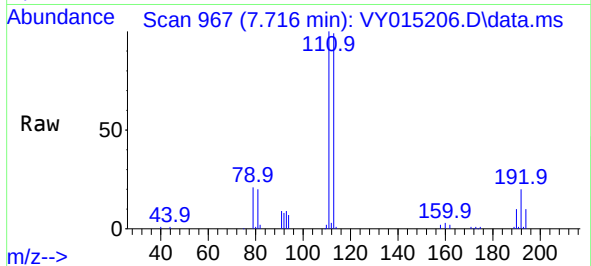




#35
Dibromofluoromethane
Concen: 48.487 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015206.D
Acq: 18 Aug 2023 19:21

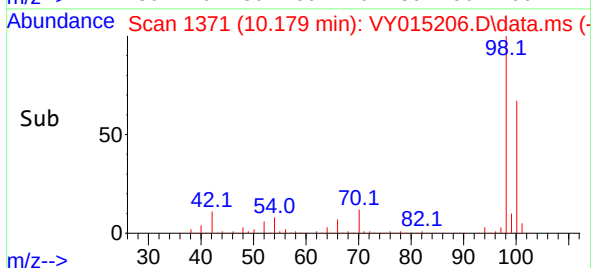
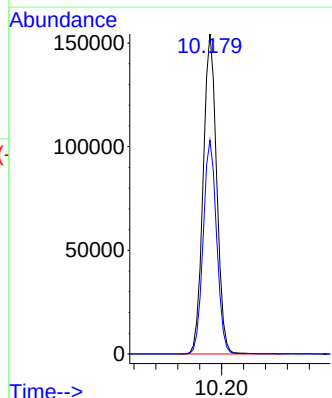
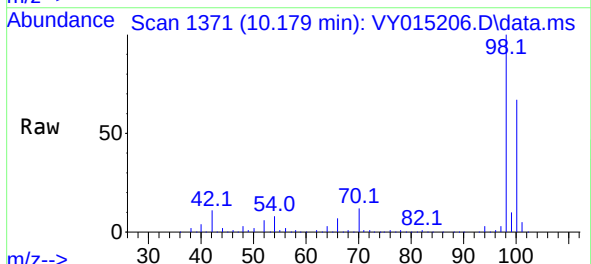
Instrument :
MSVOA_Y
ClientSampleId :
B-PP10A

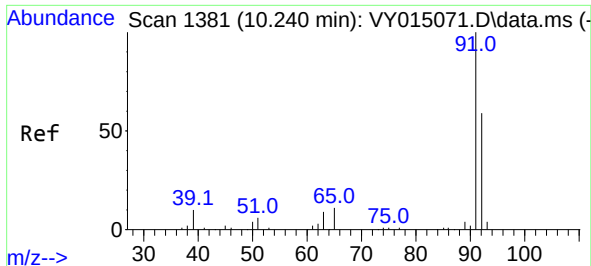
Tgt Ion:113 Resp: 70037
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 20.8 16.9 25.3



#50
Toluene-d8
Concen: 49.098 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015206.D
Acq: 18 Aug 2023 19:21

Tgt Ion: 98 Resp: 264000
Ion Ratio Lower Upper
98 100
100 66.3 50.1 75.1

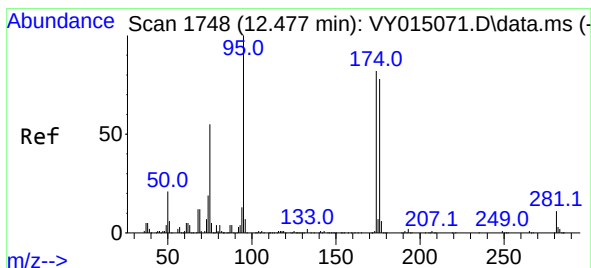
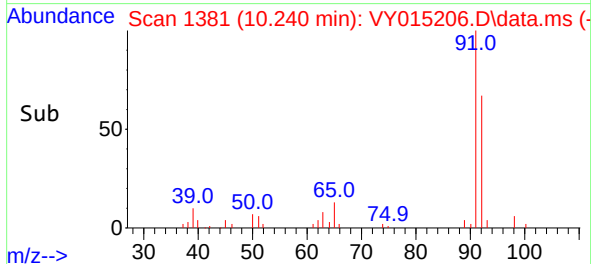
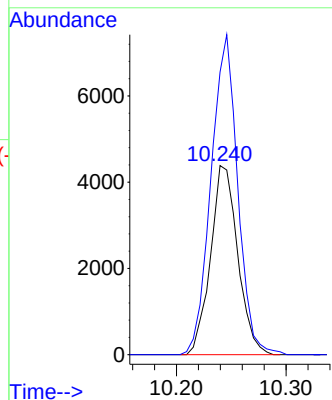
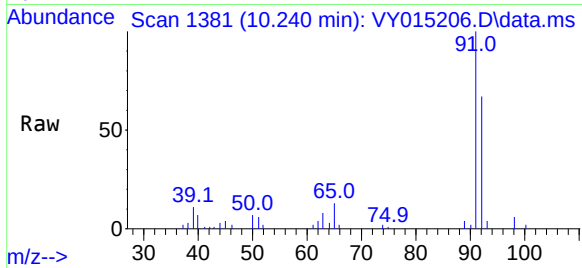




#52
Toluene
Concen: 2.377 ug/l
RT: 10.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015206.D
Acq: 18 Aug 2023 19:21

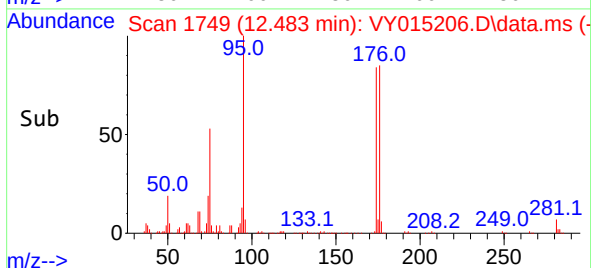
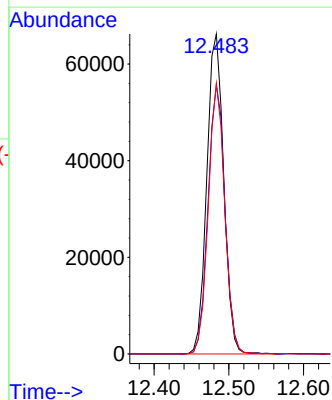
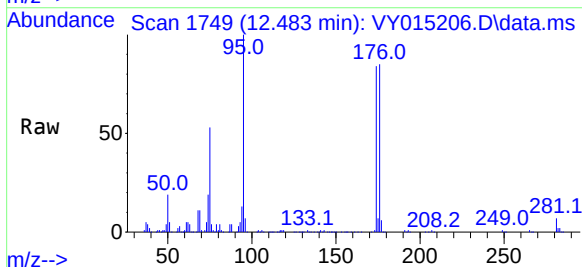
Instrument :
MSVOA_Y
ClientSampleId :
B-PP10A

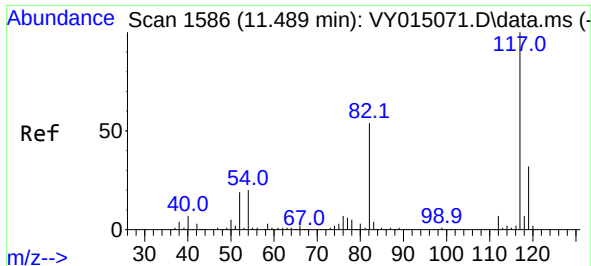
Tgt Ion: 92 Resp: 7569
Ion Ratio Lower Upper
92 100
91 165.7 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 52.975 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015206.D
Acq: 18 Aug 2023 19:21

Tgt Ion: 95 Resp: 104040
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 82.2 0.0 173.8

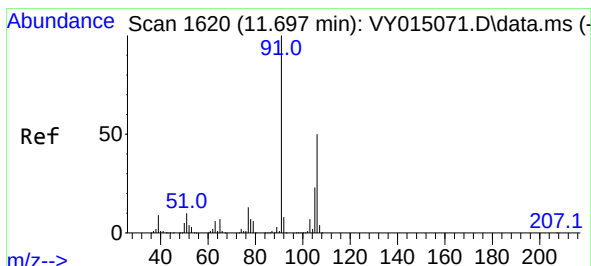
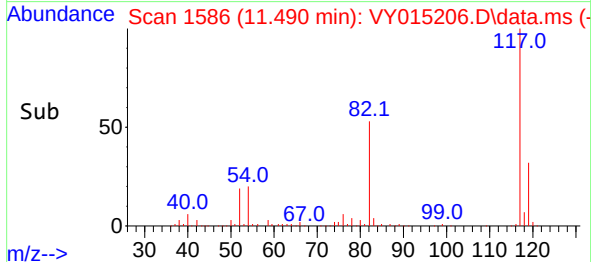
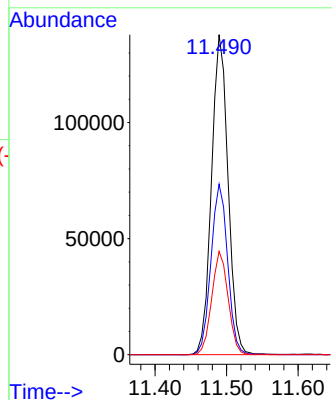
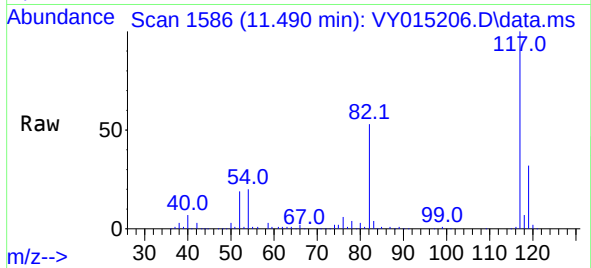




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015206.D
Acq: 18 Aug 2023 19:21

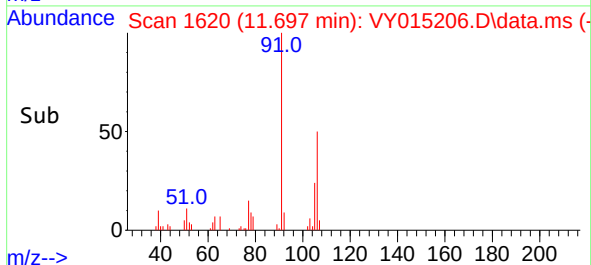
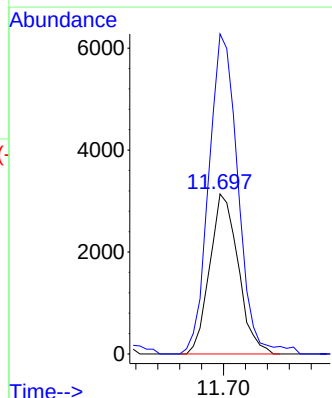
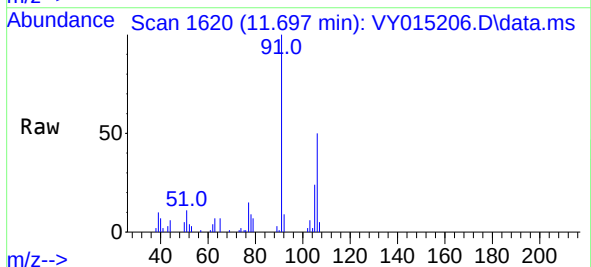
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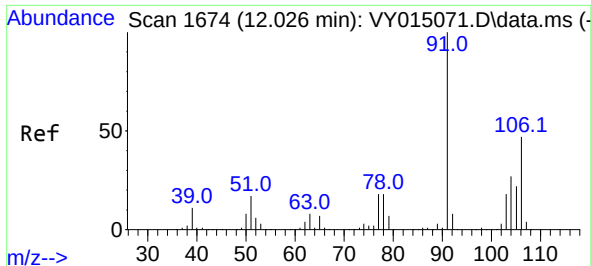
Tgt Ion:117 Resp: 221575
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 32.3 26.3 39.5



#68
m/p-Xylenes
Concen: 2.106 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015206.D
Acq: 18 Aug 2023 19:21

Tgt Ion:106 Resp: 5657
Ion Ratio Lower Upper
106 100
91 205.5 166.1 249.1

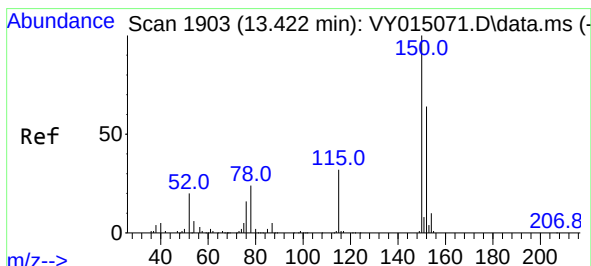
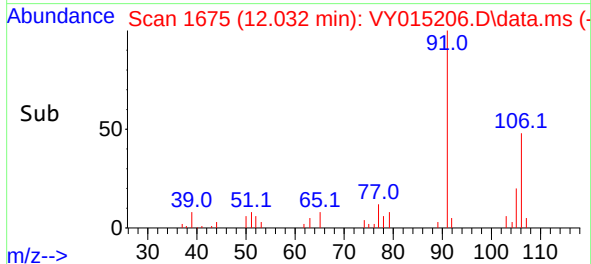
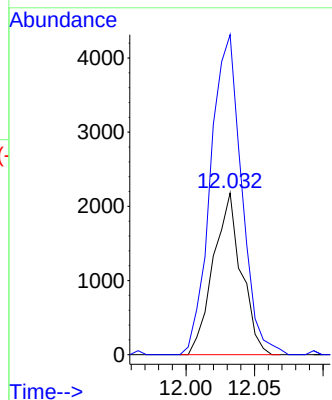
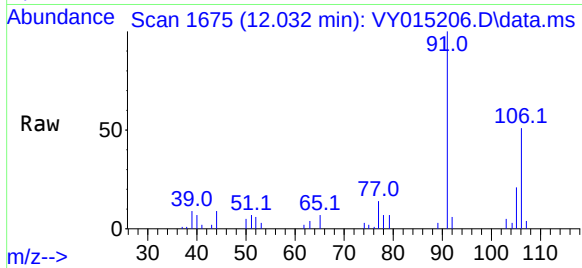




#69
o-Xylene
Concen: 1.161 ug/l
RT: 12.032 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY015206.D
Acq: 18 Aug 2023 19:21

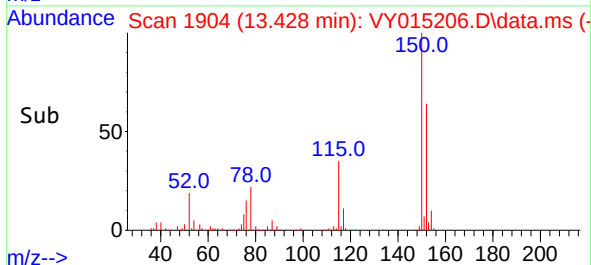
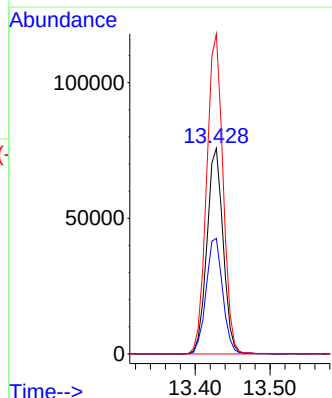
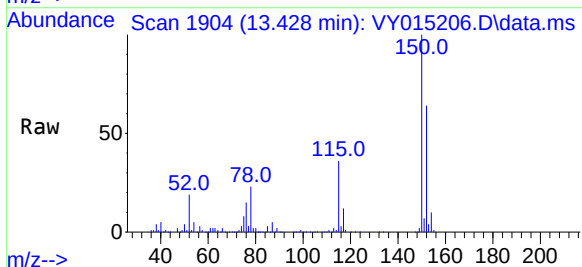
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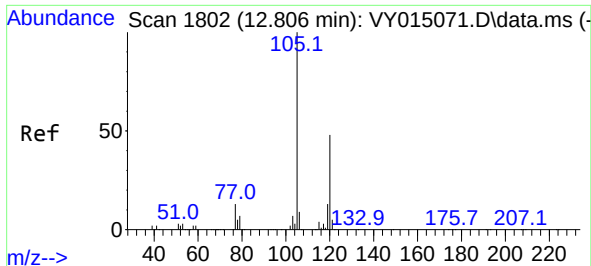
Tgt Ion:106 Resp: 3107
Ion Ratio Lower Upper
106 100
91 218.7 108.1 324.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015206.D
Acq: 18 Aug 2023 19:21

Tgt Ion:152 Resp: 114252
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 157.0 0.0 348.8

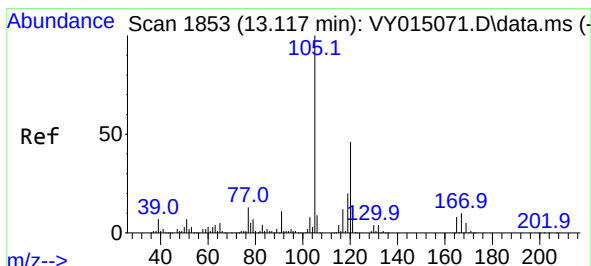
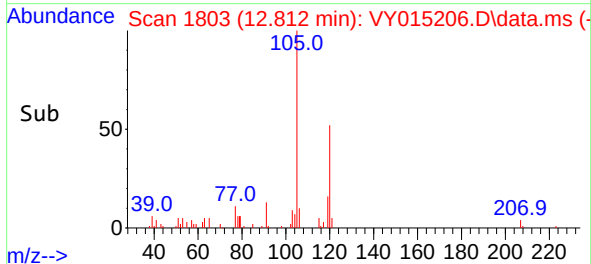
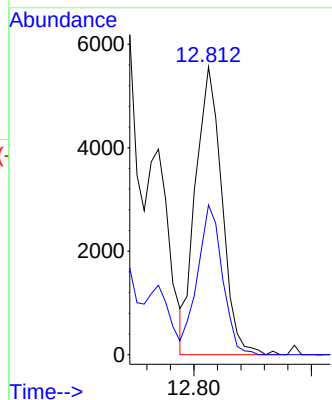
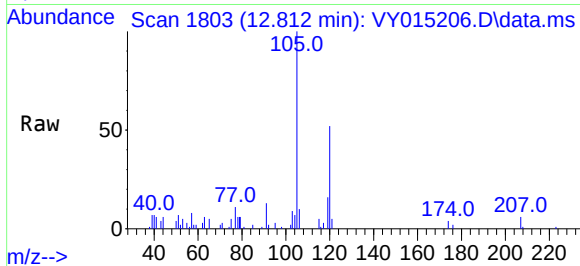




#80
1,3,5-Trimethylbenzene
Concen: 1.414 ug/l
RT: 12.812 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY015206.D
Acq: 18 Aug 2023 19:21

Instrument :
MSVOA_Y
ClientSampleId :
B-PP10A

Tgt Ion:105 Resp: 8659
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7



#84
1,2,4-Trimethylbenzene
Concen: 5.858 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015206.D
Acq: 18 Aug 2023 19:21

Tgt Ion:105 Resp: 35847
Ion Ratio Lower Upper
105 100
120 45.7 22.2 66.6

