

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015082.D
 Acq On : 14 Aug 2023 16:24
 Operator : SY/MD
 Sample : 03971-05
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP041A

Quant Time: Aug 14 16:35:40 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)

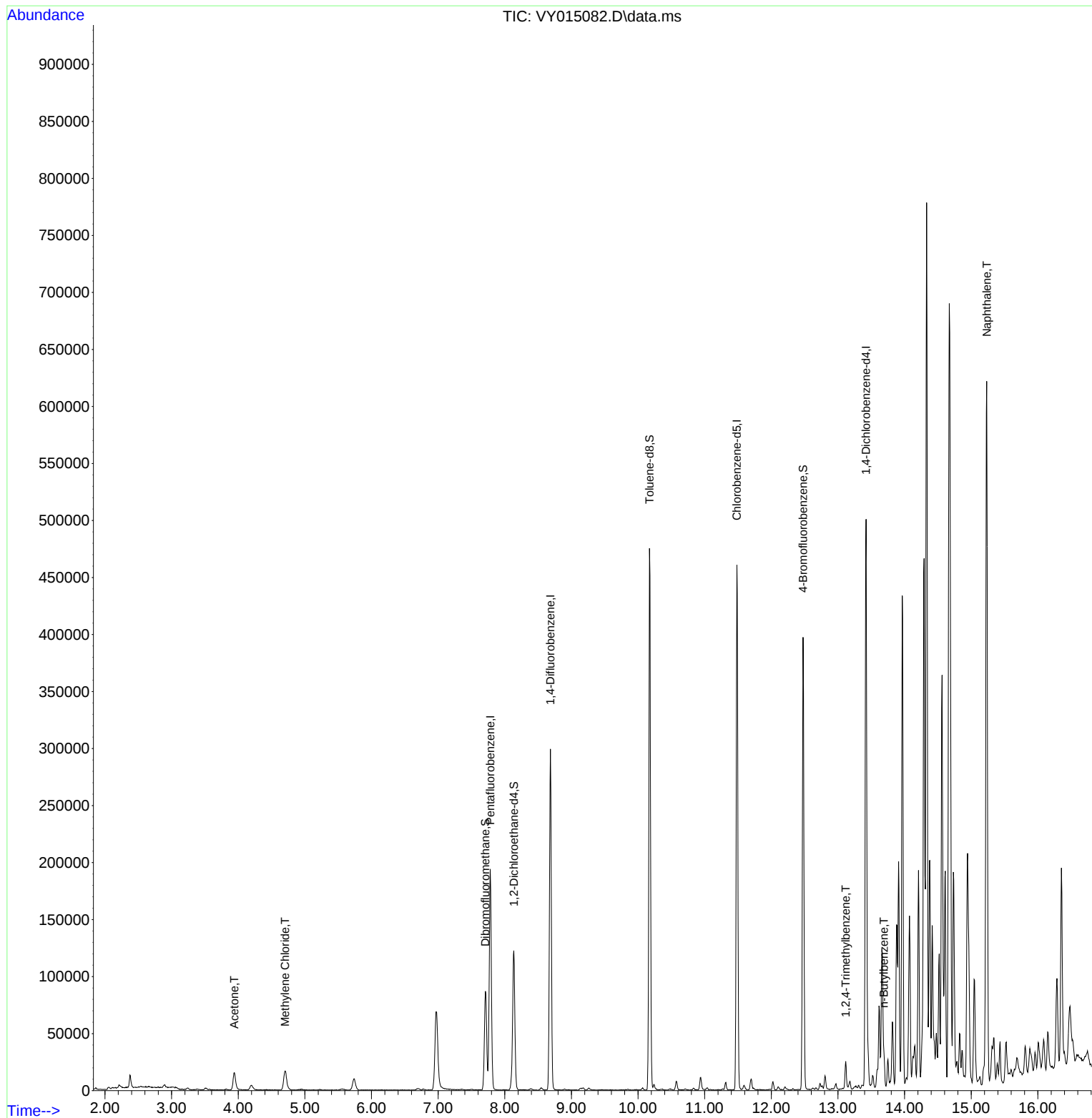
Internal Standards						
1) Pentafluorobenzene	7.783	168	146192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	250533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96650	55.074	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.140%	
35) Dibromofluoromethane	7.710	113	61975	37.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 75.700%	
50) Toluene-d8	10.173	98	305965	50.191	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	12.477	95	114133	51.260	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.520%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	27234	47.504	ug/l	91
20) Methylene Chloride	4.704	84	12671	5.361	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	13376	1.983	ug/l	98
89) n-Butylbenzene	13.690	91	14382	2.033	ug/l #	75
95) Naphthalene	15.233	128	500249	85.509	ug/l	99

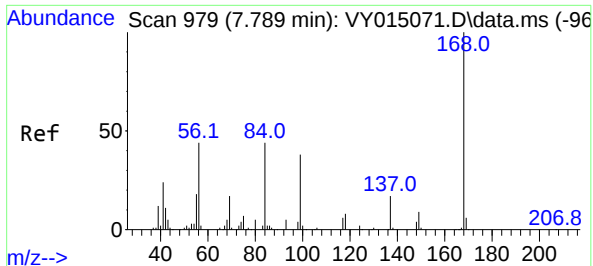
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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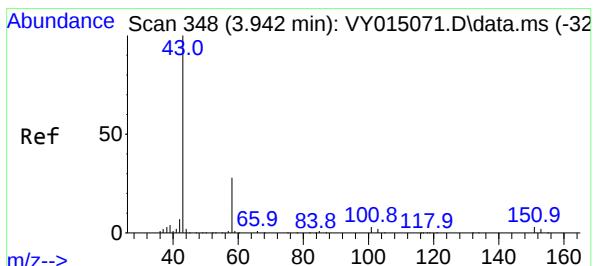
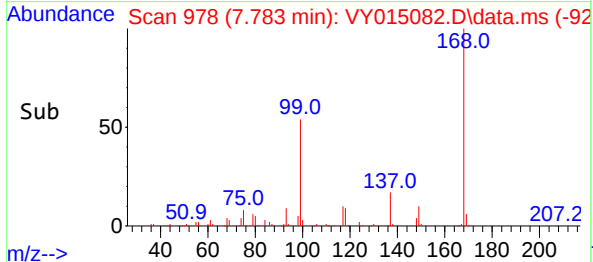
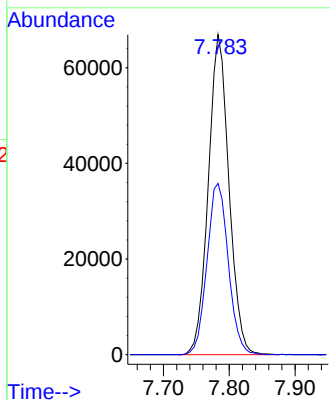
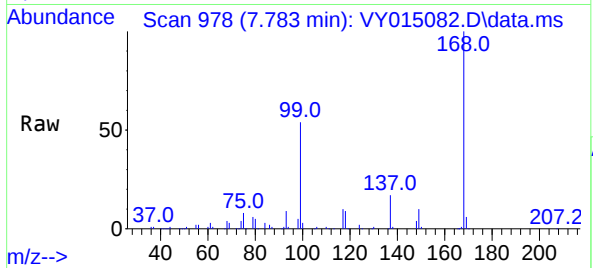




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015082.D
Acq: 14 Aug 2023 16:24

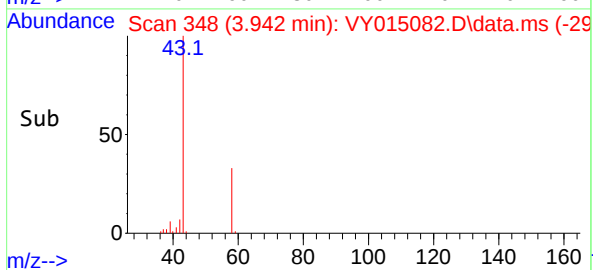
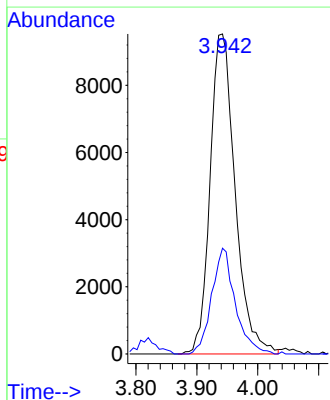
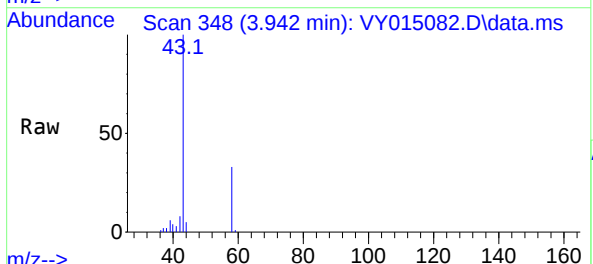
Instrument :
MSVOA_Y
ClientSampleId :
B-PP041A

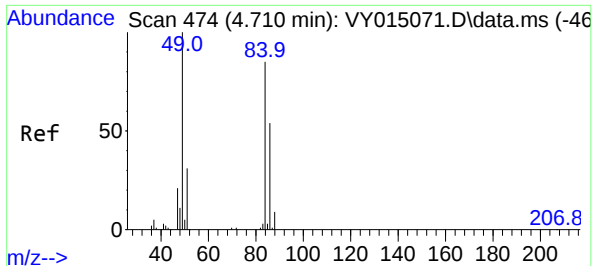
Tgt Ion:168 Resp: 146192
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#16
Acetone
Concen: 47.504 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015082.D
Acq: 14 Aug 2023 16:24

Tgt Ion: 43 Resp: 27234
Ion Ratio Lower Upper
43 100
58 33.0 22.7 34.1



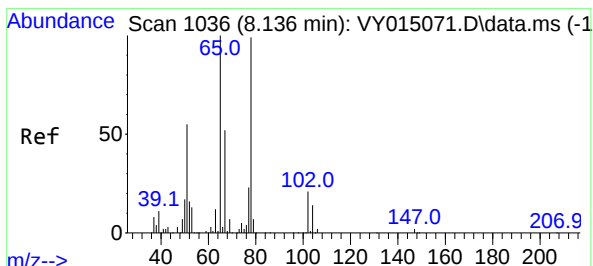
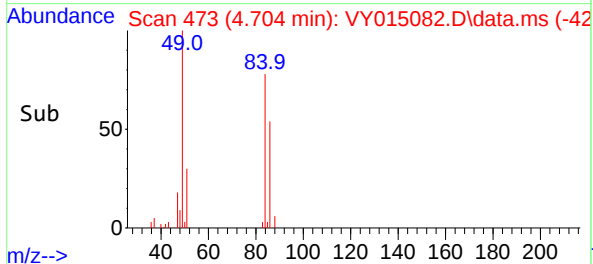
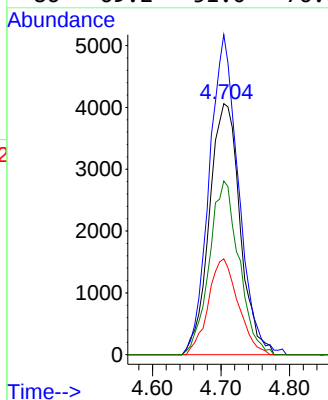
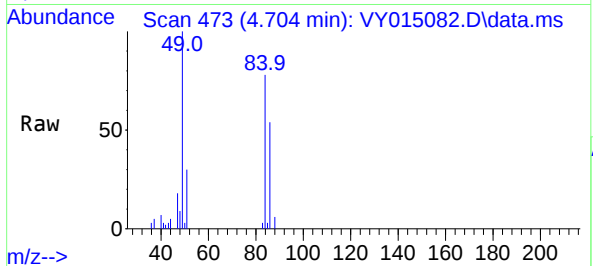


#20
Methylene Chloride
Concen: 5.361 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015082.D
Acq: 14 Aug 2023 16:24

Instrument :
MSVOA_Y
ClientSampleId :
B-PP041A

Tgt Ion: 84 Resp: 12671

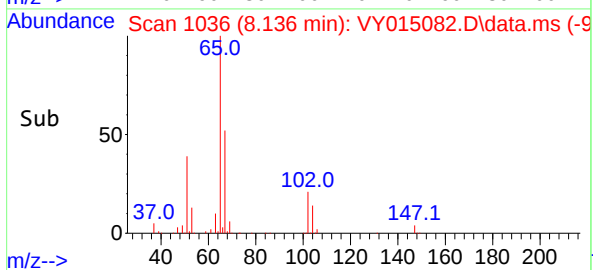
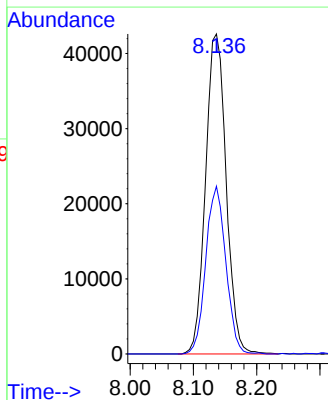
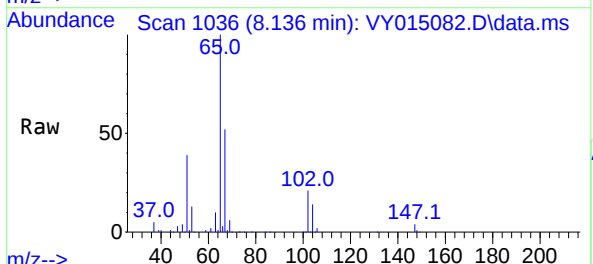
Ion	Ratio	Lower	Upper
84	100		
49	127.5	106.9	160.3
51	38.2	33.2	49.8
86	69.2	51.0	76.6

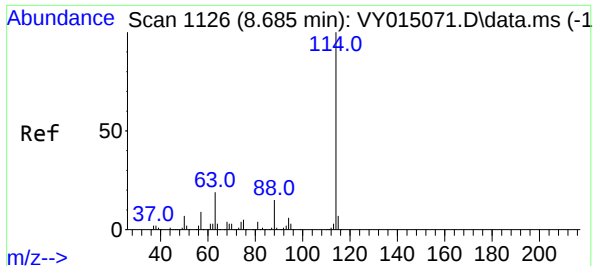


#33
1,2-Dichloroethane-d4
Concen: 55.074 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015082.D
Acq: 14 Aug 2023 16:24

Tgt Ion: 65 Resp: 96650

Ion	Ratio	Lower	Upper
65	100		
67	50.9	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: VY015082.D

Acq: 14 Aug 2023 16:24

Instrument :

MSVOA_Y

ClientSampleId :

B-PP041A

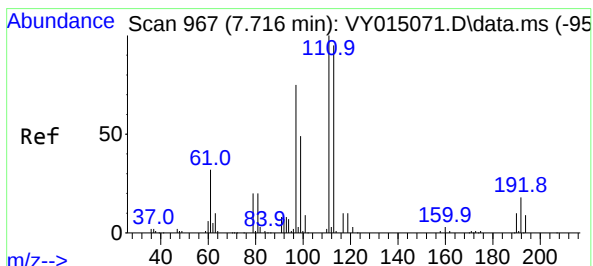
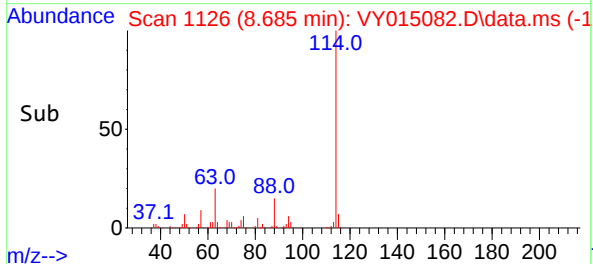
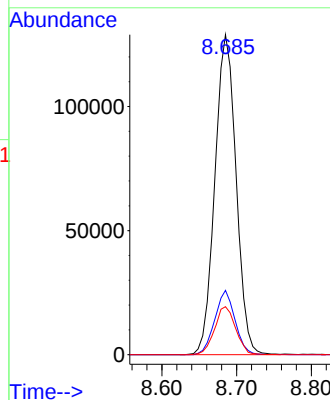
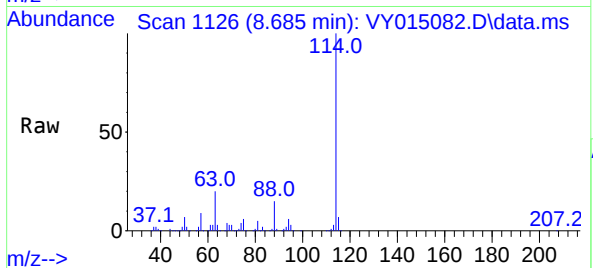
Tgt Ion:114 Resp: 254548

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 37.845 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015082.D

Acq: 14 Aug 2023 16:24

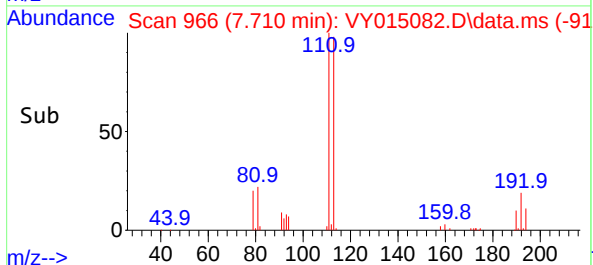
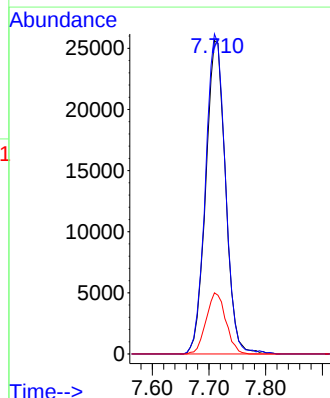
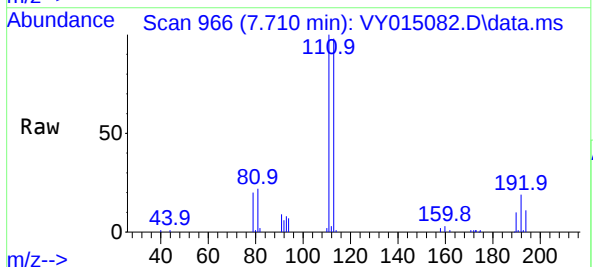
Tgt Ion:113 Resp: 61975

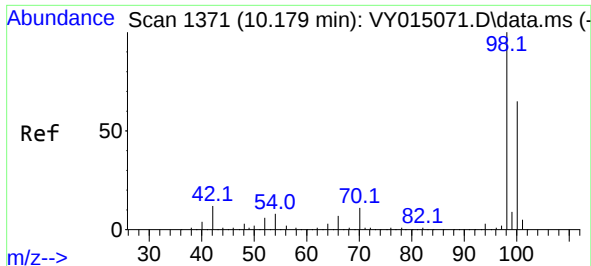
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 19.5 16.9 25.3

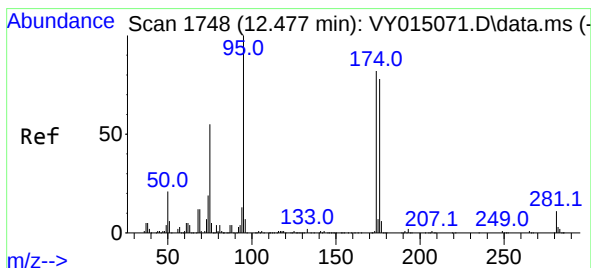
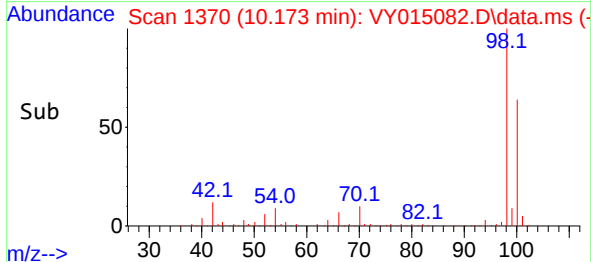
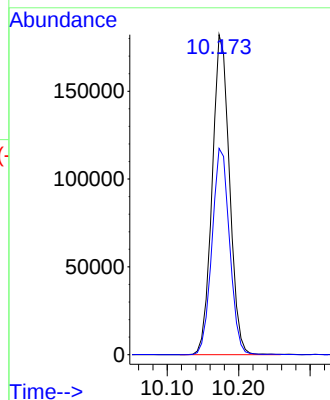
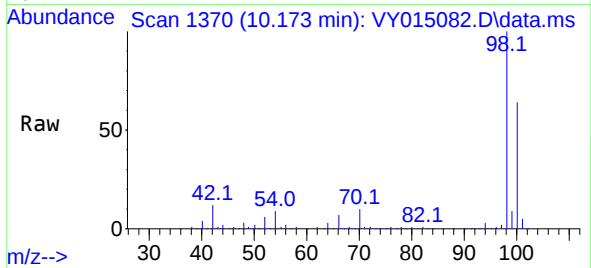




#50
Toluene-d8
Concen: 50.191 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015082.D
Acq: 14 Aug 2023 16:24

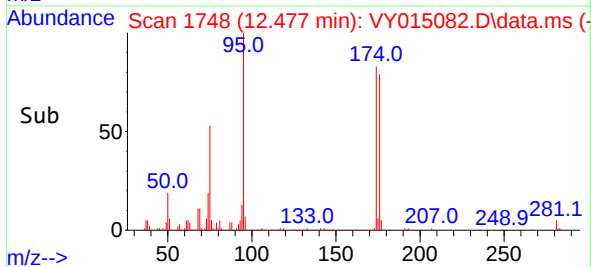
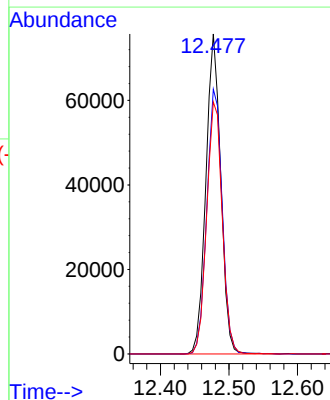
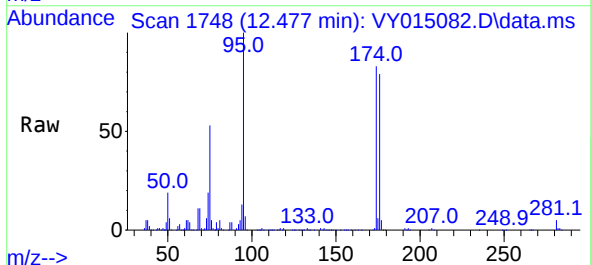
Instrument :
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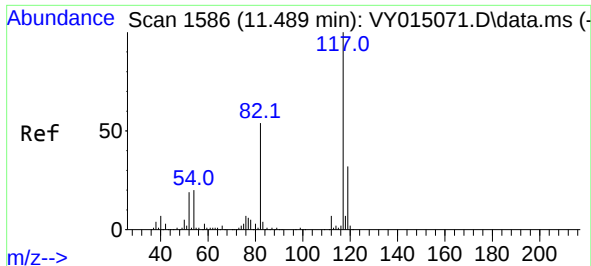
Tgt Ion: 98 Resp: 305965
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.260 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015082.D
Acq: 14 Aug 2023 16:24

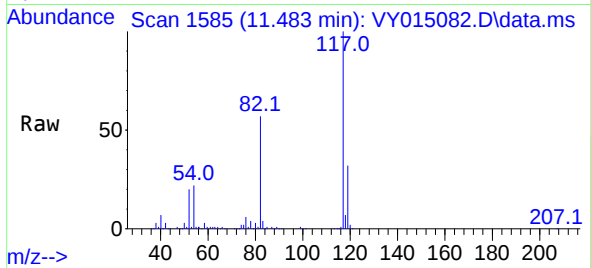
Tgt Ion: 95 Resp: 114133
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 82.5 0.0 173.8



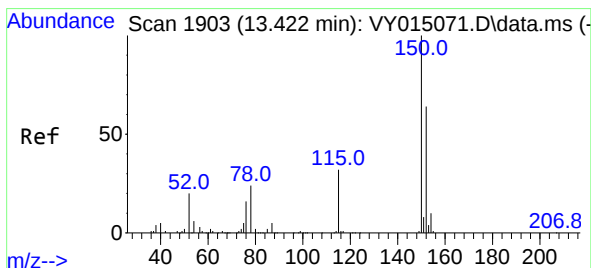
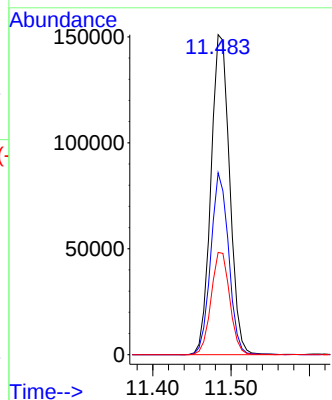
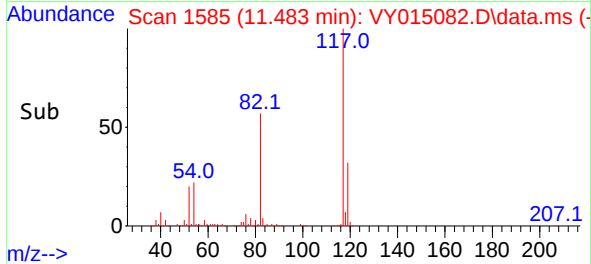


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY015082.D
Acq: 14 Aug 2023 16:24

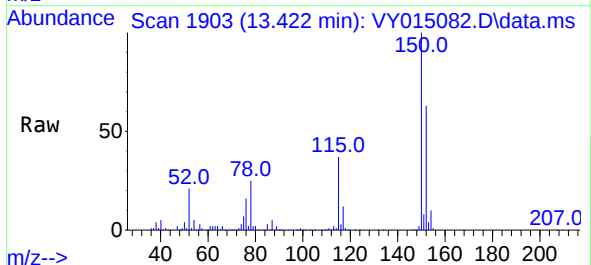
Instrument :
MSVOA_Y
ClientSampleId :
B-PP041A



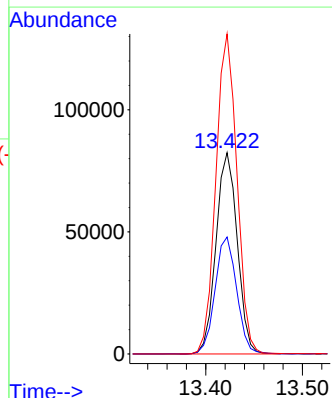
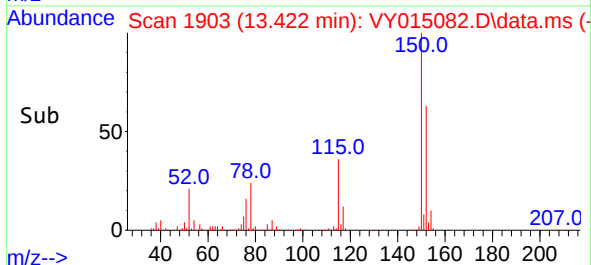
Tgt Ion:117 Resp: 250533
Ion Ratio Lower Upper
117 100
82 56.8 43.4 65.0
119 32.0 26.3 39.5

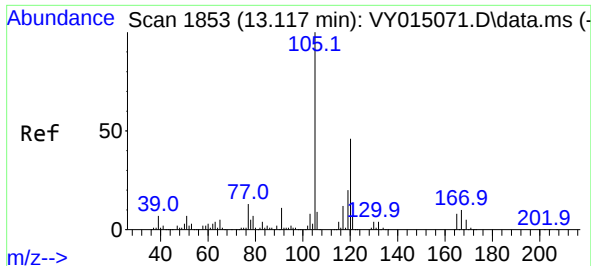


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015082.D
Acq: 14 Aug 2023 16:24



Tgt Ion:152 Resp: 125956
Ion Ratio Lower Upper
152 100
115 59.1 28.8 86.5
150 157.4 0.0 348.8

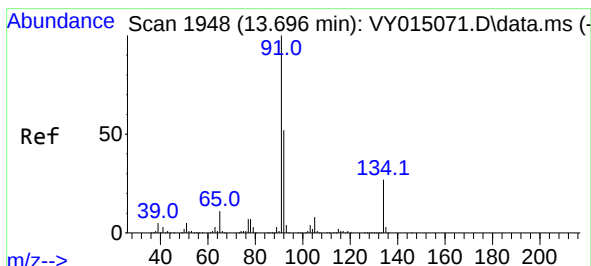
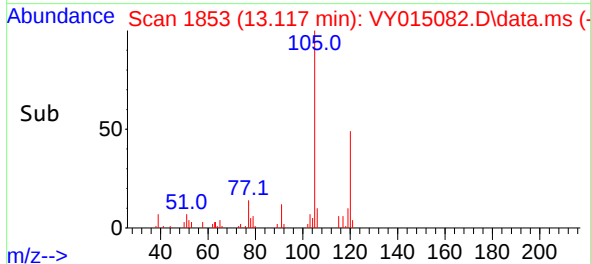
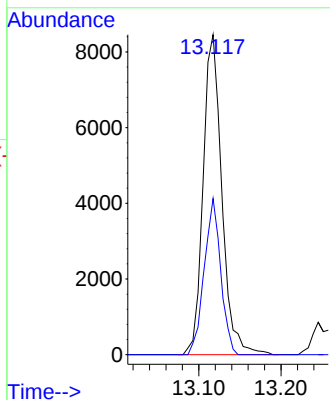
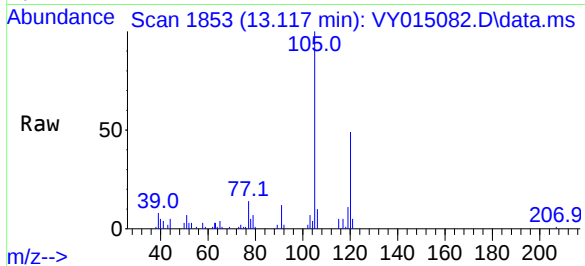




#84
1,2,4-Trimethylbenzene
Concen: 1.983 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015082.D
Acq: 14 Aug 2023 16:24

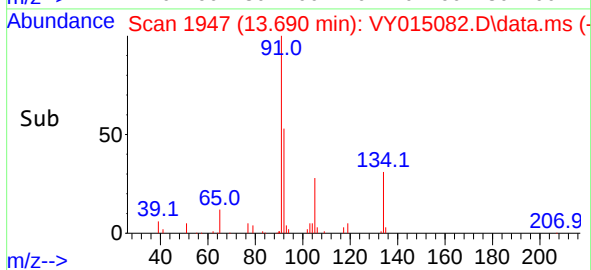
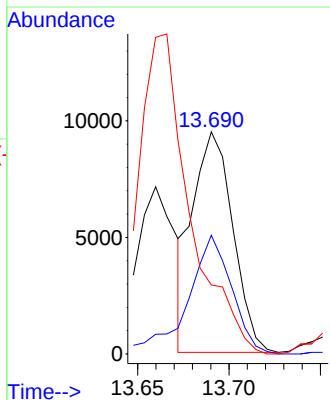
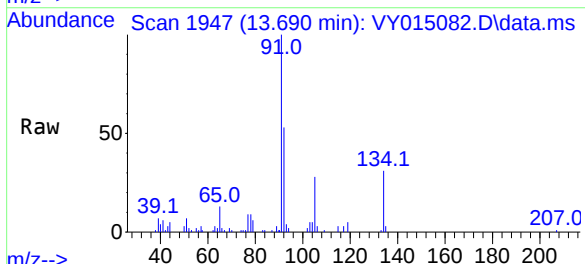
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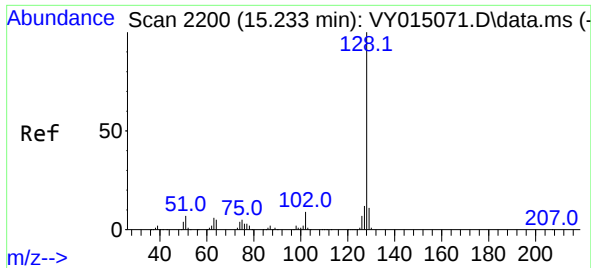
Tgt Ion:105 Resp: 13376
Ion Ratio Lower Upper
105 100
120 43.0 22.2 66.6



#89
n-Butylbenzene
Concen: 2.033 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY015082.D
Acq: 14 Aug 2023 16:24

Tgt Ion: 91 Resp: 14382
Ion Ratio Lower Upper
91 100
92 59.1 25.4 76.0
134 0.0 12.6 37.6#





#95

Naphthalene

Concen: 85.509 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY015082.D

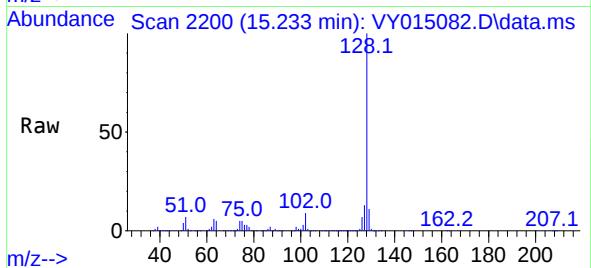
Acq: 14 Aug 2023 16:24

Instrument :

MSVOA_Y

ClientSampleId :

B-PP041A



Tgt Ion:128 Resp: 500249

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.1 8.6 13.0

