

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015177.D
 Acq On : 17 Aug 2023 17:16
 Operator : SY/MD
 Sample : 03958-05
 Misc : 6.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEVINS-SB02-Z37-39

Quant Time: Aug 18 02:24:13 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)

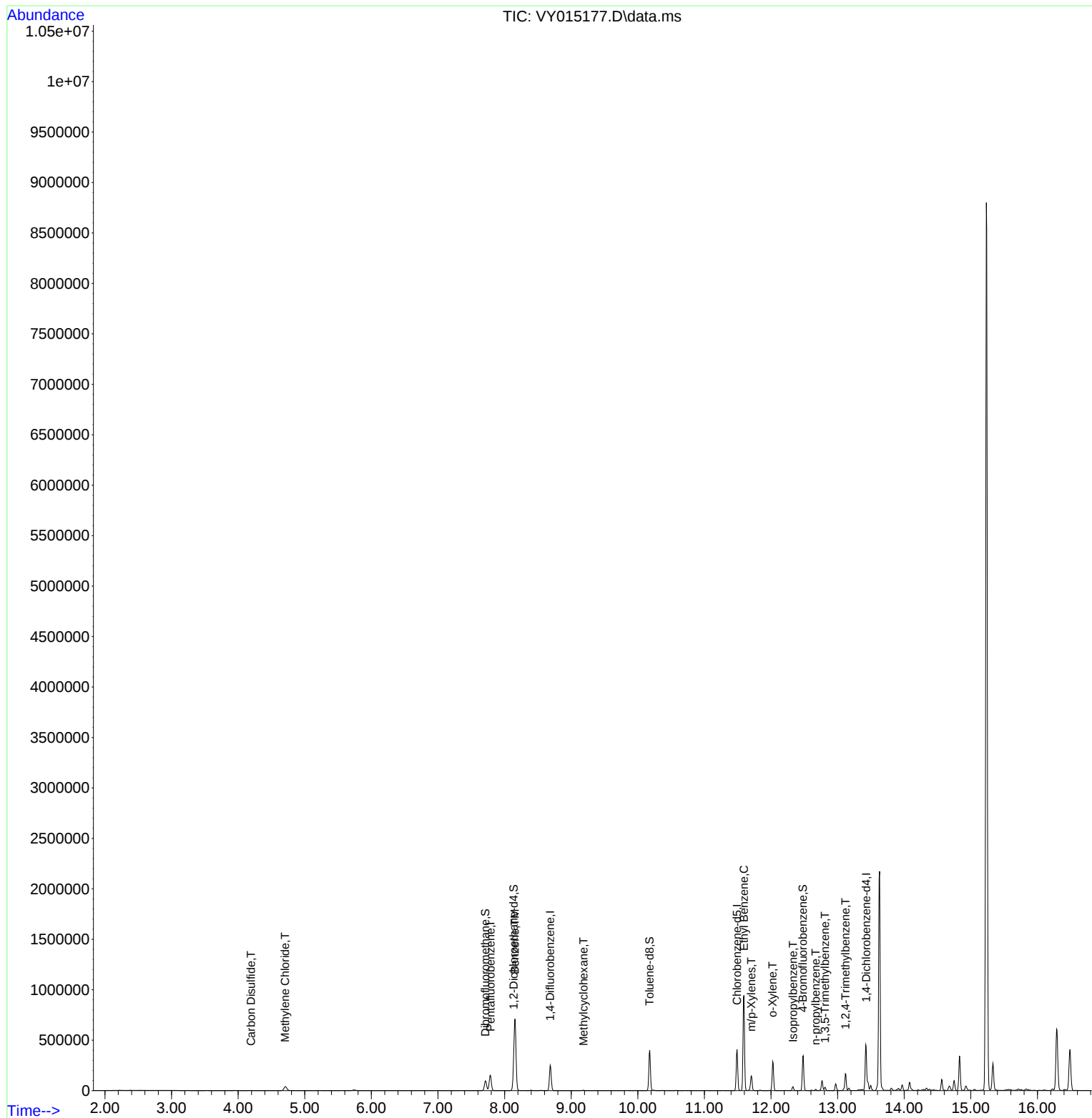
Internal Standards						
1) Pentafluorobenzene	7.789	168	117277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	214059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81950	58.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.420%	
35) Dibromofluoromethane	7.710	113	68166	49.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.900%	
50) Toluene-d8	10.179	98	256879	50.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	12.477	95	101350	54.624	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.240%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.192	76	3284	2.287	ug/l #	88
20) Methylene Chloride	4.704	84	30692	25.737	ug/l	86
39) Methylcyclohexane	9.185	83	1768	1.045	ug/l	89
40) Benzene	8.155	78	671447	147.108	ug/l	100
67) Ethyl Benzene	11.593	91	644825	94.363	ug/l	98
68) m/p-Xylenes	11.703	106	42504	16.377	ug/l	96
69) o-Xylene	12.026	106	75456	29.185	ug/l	97
73) Isopropylbenzene	12.331	105	24381	3.312	ug/l	99
78) n-propylbenzene	12.672	91	9153	1.047	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	15683	2.556	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	91572	14.933	ug/l	98

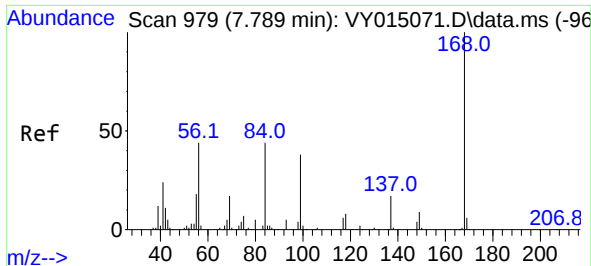
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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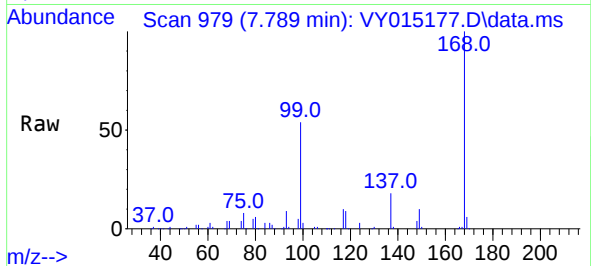
Quant Time: Aug 18 02:24:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
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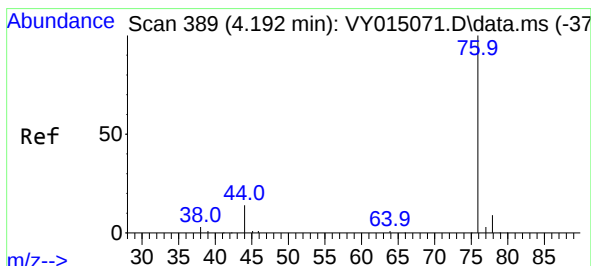
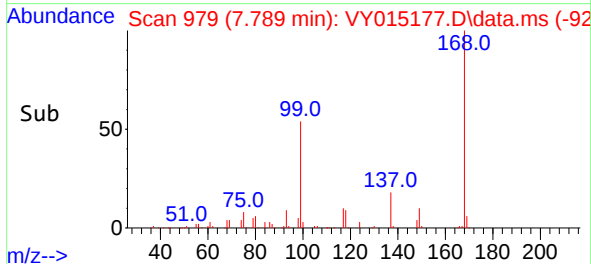
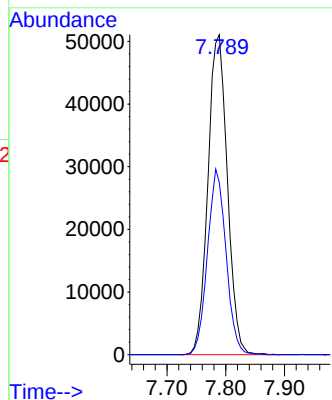


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015177.D
Acq: 17 Aug 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39

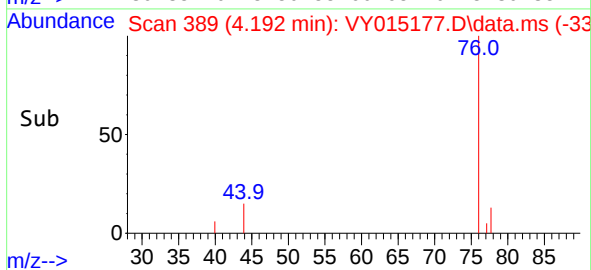
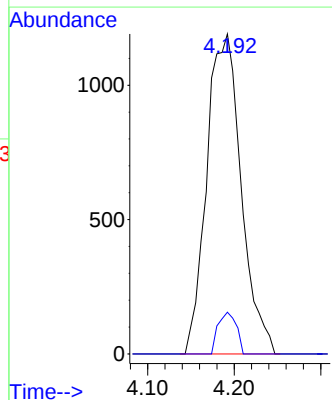
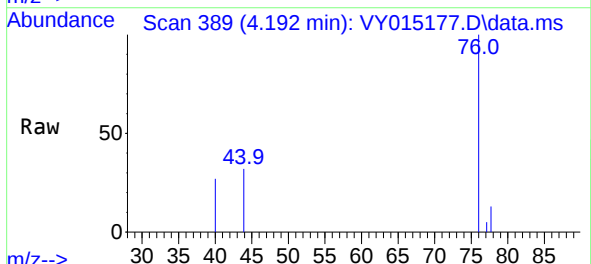


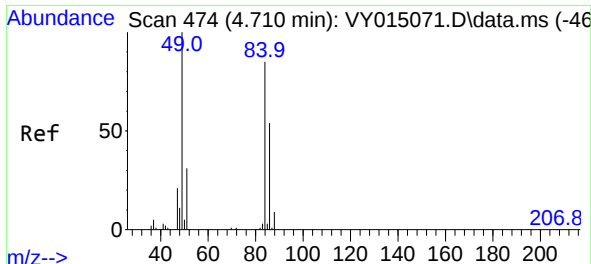
Tgt Ion:168 Resp: 117277
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#17
Carbon Disulfide
Concen: 2.287 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015177.D
Acq: 17 Aug 2023 17:16

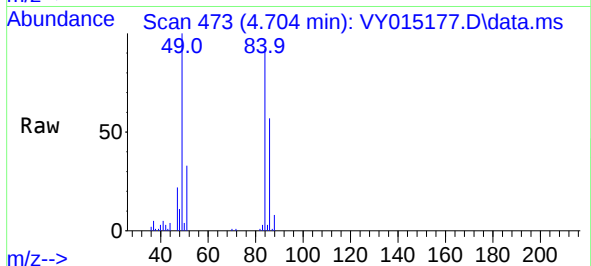
Tgt Ion: 76 Resp: 3284
Ion Ratio Lower Upper
76 100
78 13.0 7.0 10.4#





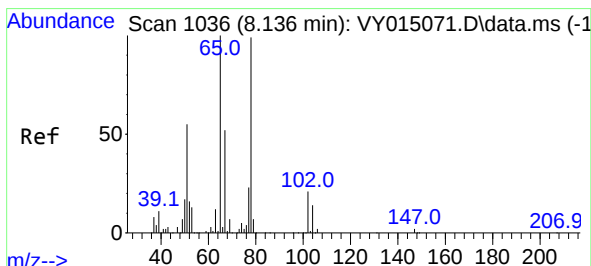
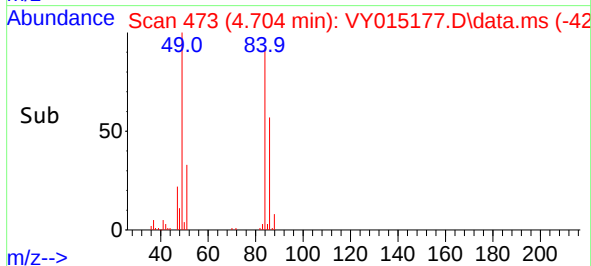
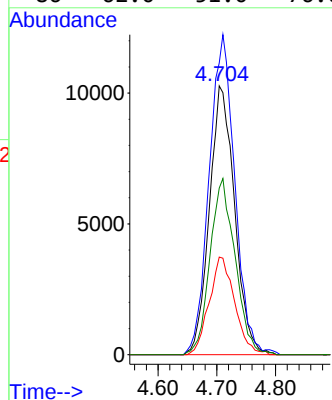
#20
Methylene Chloride
Concen: 25.737 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015177.D
Acq: 17 Aug 2023 17:16

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MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39



Tgt Ion: 84 Resp: 30692

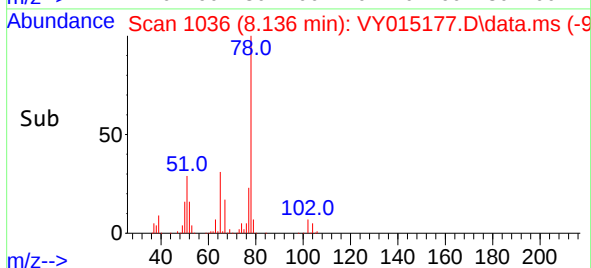
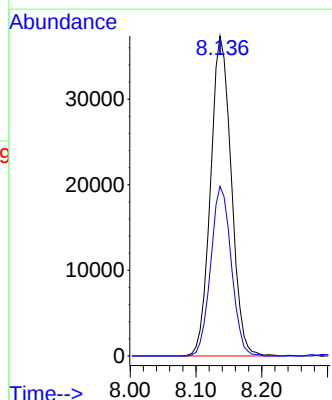
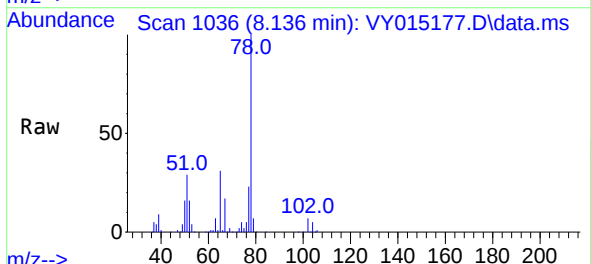
Ion	Ratio	Lower	Upper
84	100		
49	108.5	106.9	160.3
51	36.3	33.2	49.8
86	62.0	51.0	76.6

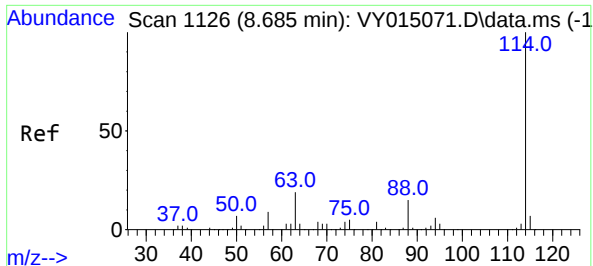


#33
1,2-Dichloroethane-d4
Concen: 58.211 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015177.D
Acq: 17 Aug 2023 17:16

Tgt Ion: 65 Resp: 81950

Ion	Ratio	Lower	Upper
65	100		
67	52.5	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: VY015177.D

Acq: 17 Aug 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

NEVINS-SB02-Z37-39

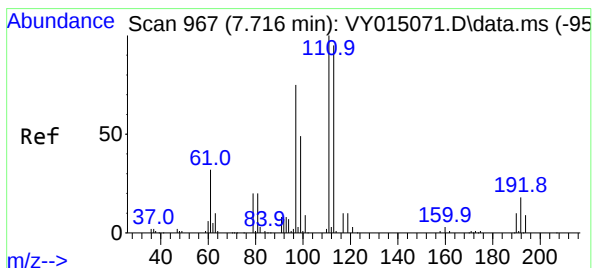
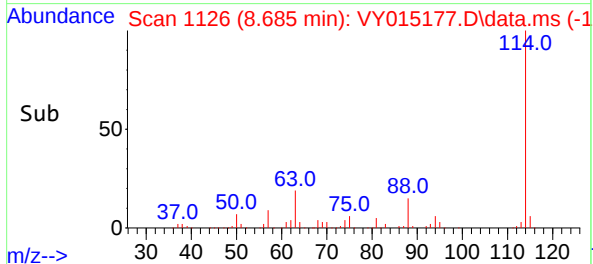
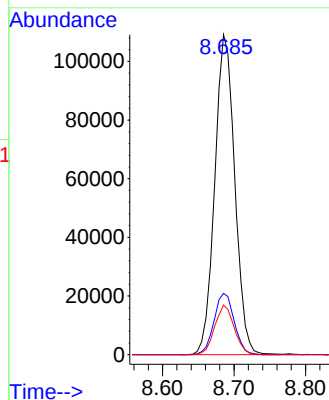
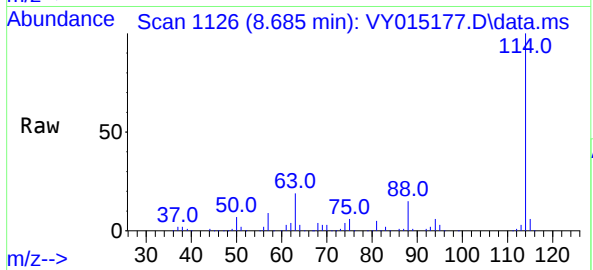
Tgt Ion:114 Resp: 212114

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.953 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015177.D

Acq: 17 Aug 2023 17:16

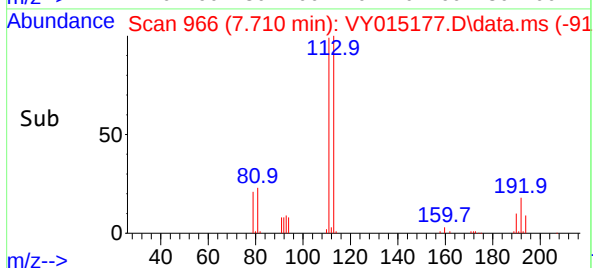
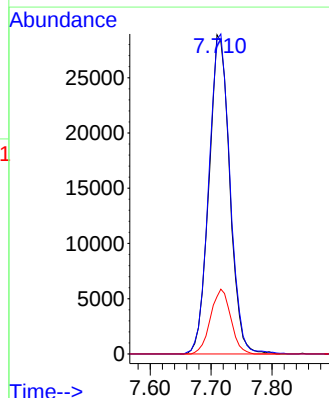
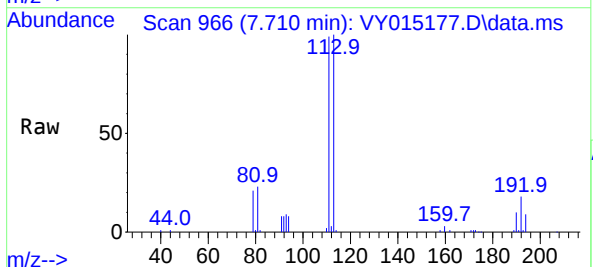
Tgt Ion:113 Resp: 68166

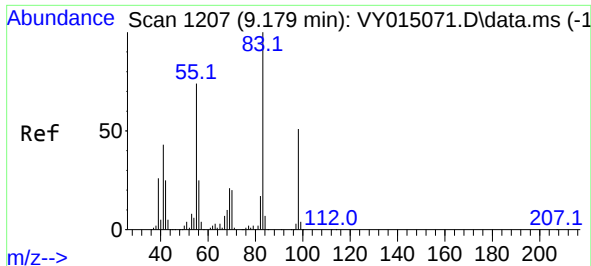
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 19.9 16.9 25.3





#39

Methylcyclohexane

Concen: 1.045 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.006 min

Lab File: VY015177.D

Acq: 17 Aug 2023 17:16

Instrument :

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ClientSampleId :

NEVINS-SB02-Z37-39

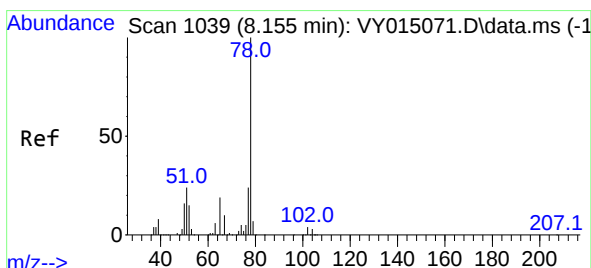
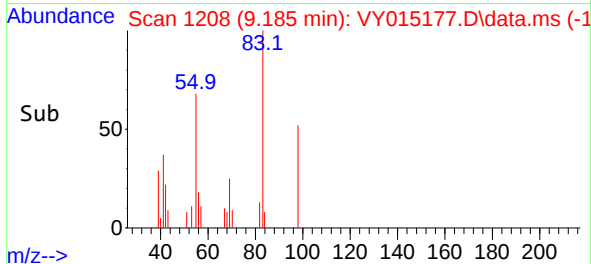
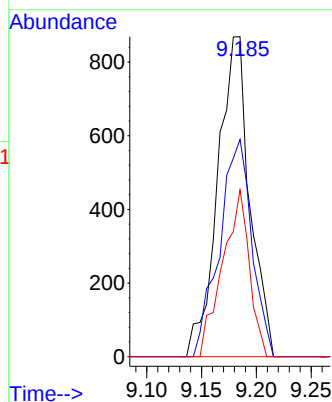
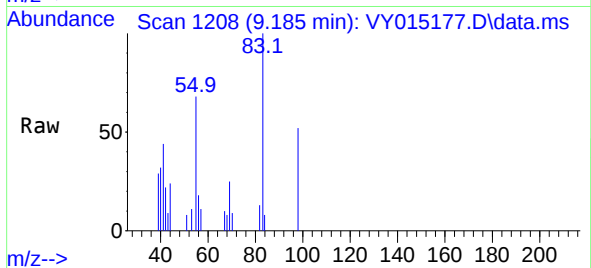
Tgt Ion: 83 Resp: 1768

Ion Ratio Lower Upper

83 100

55 67.9 63.0 94.4

98 52.1 37.4 56.2



#40

Benzene

Concen: 147.108 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY015177.D

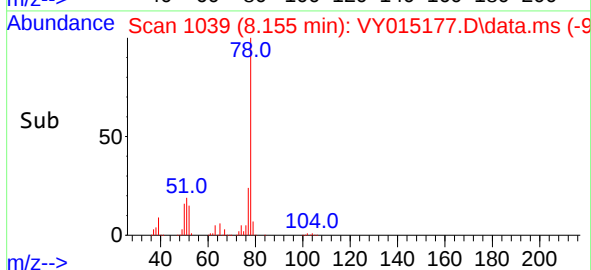
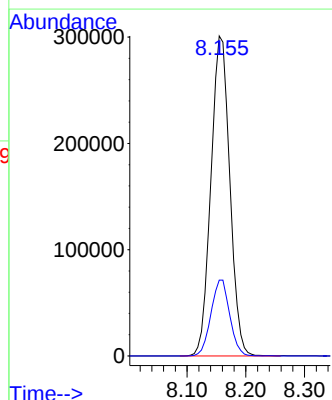
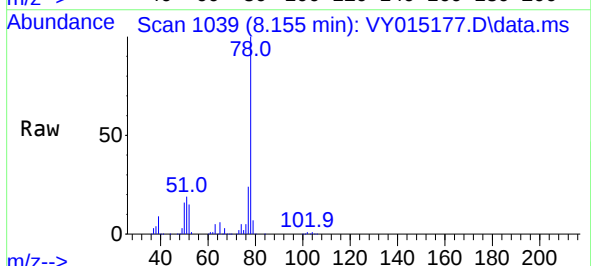
Acq: 17 Aug 2023 17:16

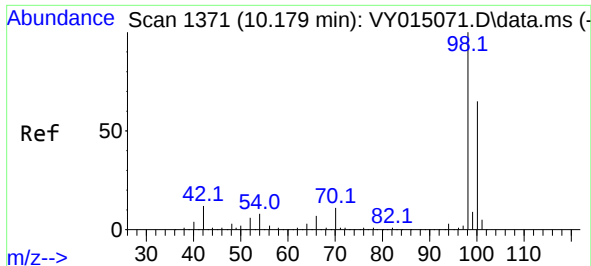
Tgt Ion: 78 Resp: 671447

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

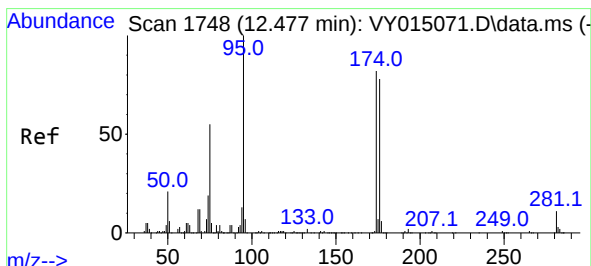
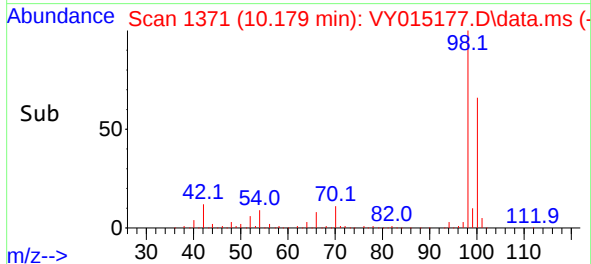
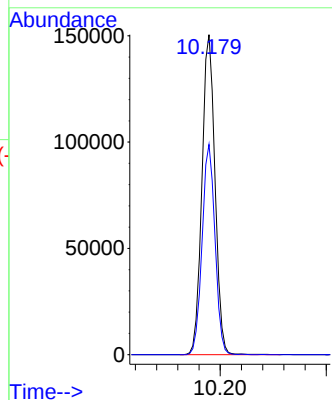
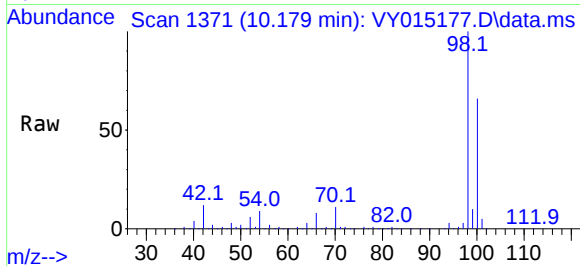




#50
Toluene-d8
Concen: 50.568 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015177.D
Acq: 17 Aug 2023 17:16

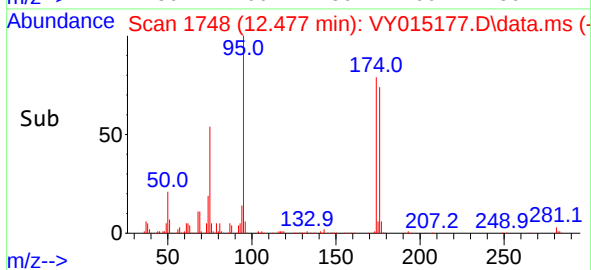
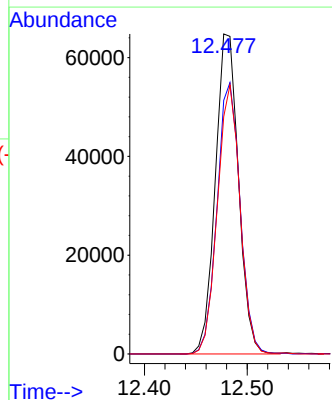
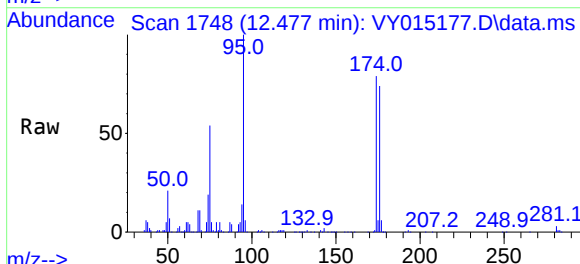
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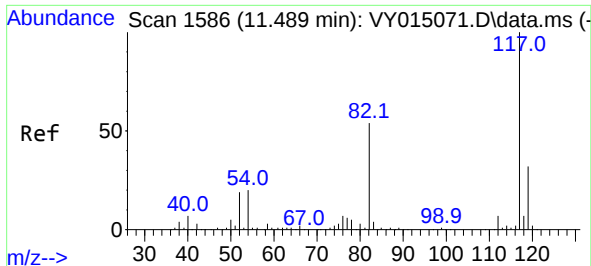
Tgt Ion: 98 Resp: 256879
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.624 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015177.D
Acq: 17 Aug 2023 17:16

Tgt Ion: 95 Resp: 101350
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 82.2 0.0 173.8

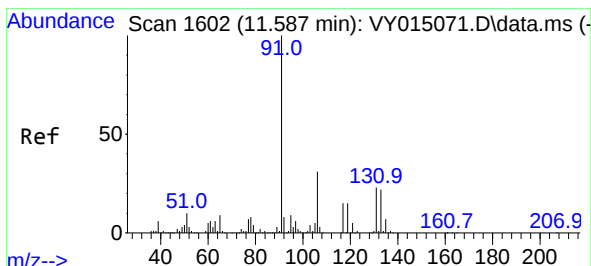
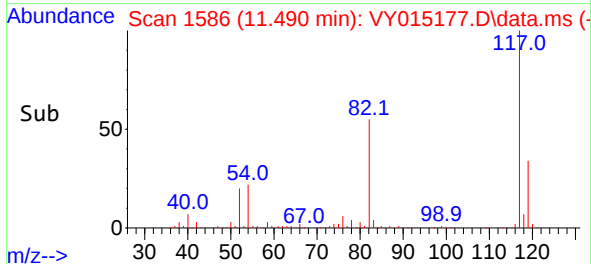
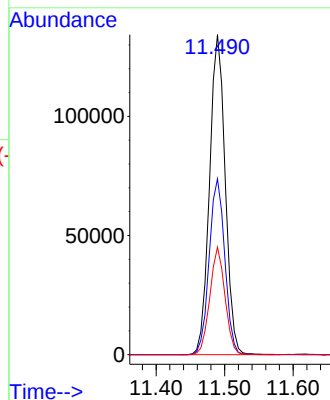
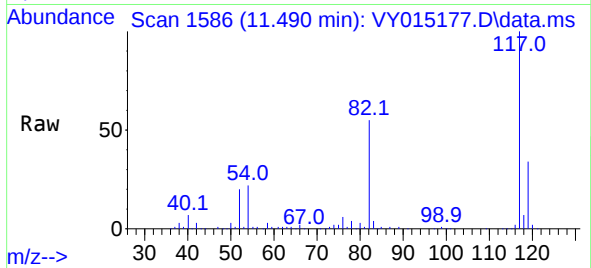




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015177.D
Acq: 17 Aug 2023 17:16

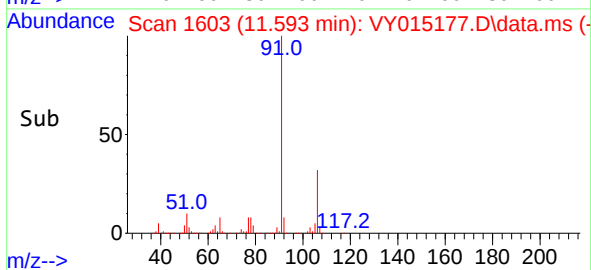
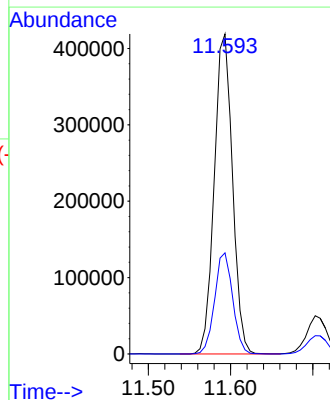
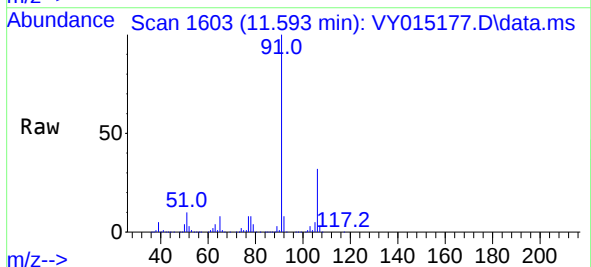
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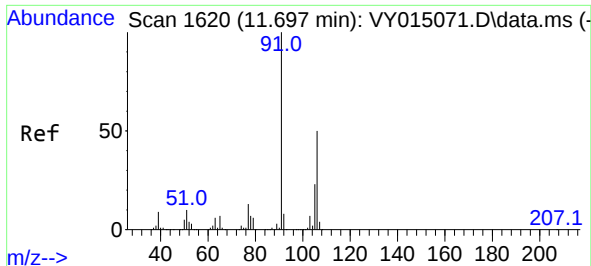
Tgt Ion:117 Resp: 214059
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 33.6 26.3 39.5



#67
Ethyl Benzene
Concen: 94.363 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015177.D
Acq: 17 Aug 2023 17:16

Tgt Ion: 91 Resp: 644825
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8

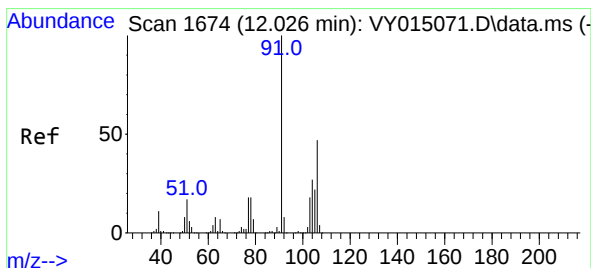
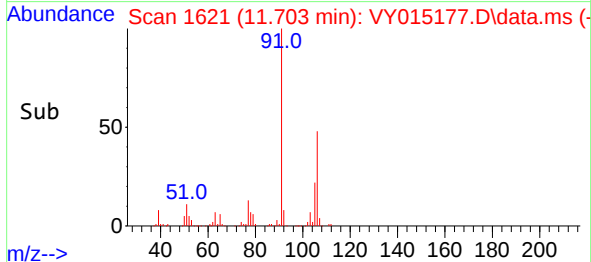
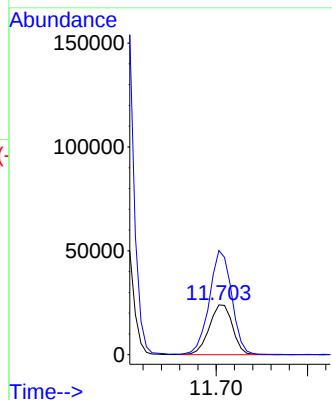
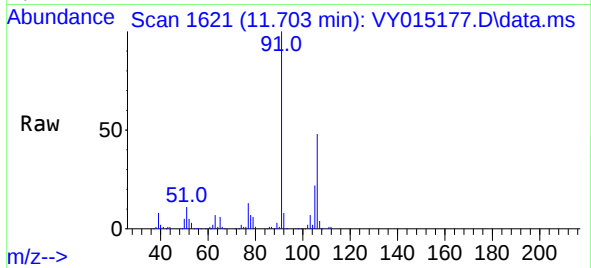




#68
m/p-Xylenes
Concen: 16.377 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY015177.D
Acq: 17 Aug 2023 17:16

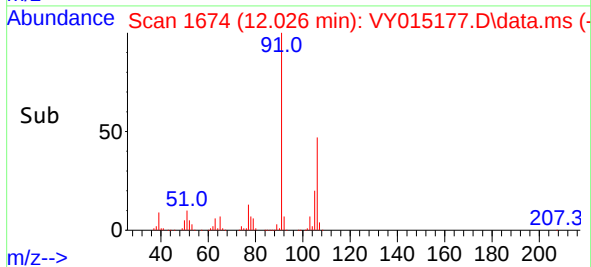
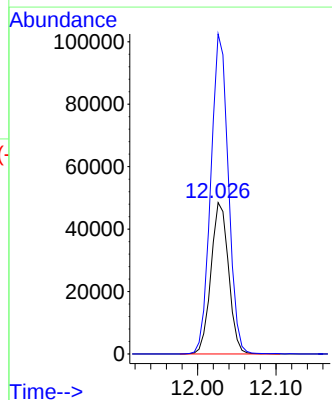
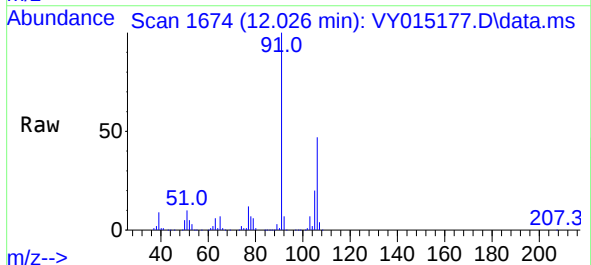
Instrument :
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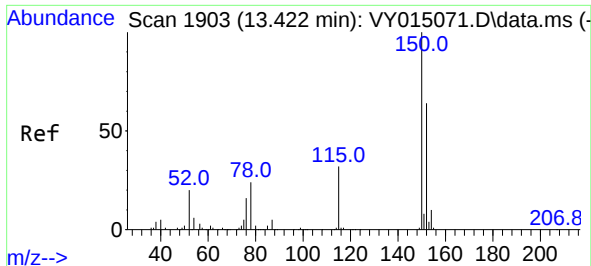
Tgt Ion:106 Resp: 42504
Ion Ratio Lower Upper
106 100
91 201.9 166.1 249.1



#69
o-Xylene
Concen: 29.185 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015177.D
Acq: 17 Aug 2023 17:16

Tgt Ion:106 Resp: 75456
Ion Ratio Lower Upper
106 100
91 210.9 108.1 324.3

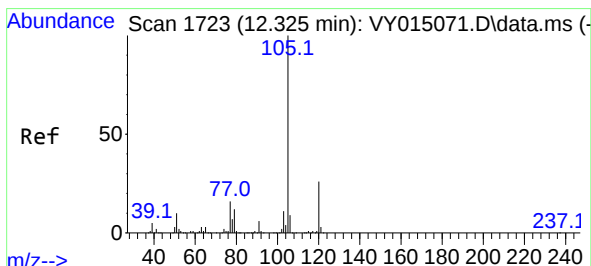
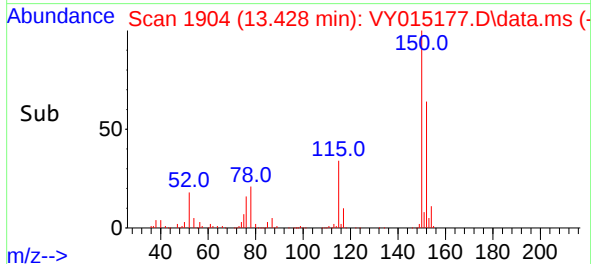
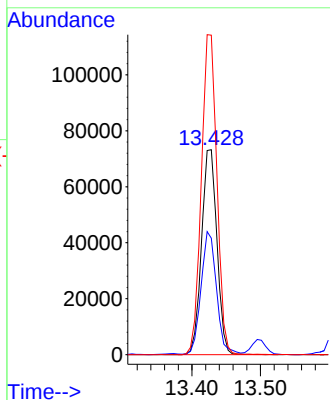
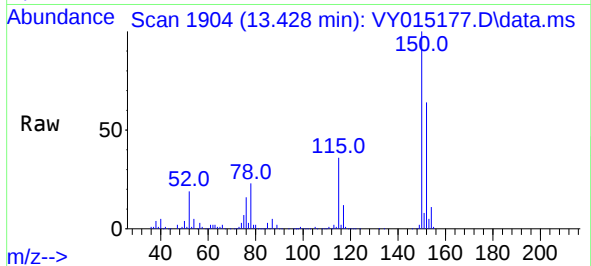




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY015177.D
Acq: 17 Aug 2023 17:16

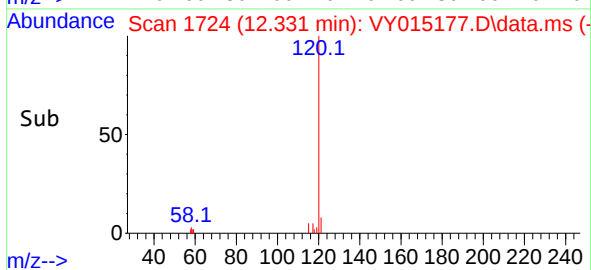
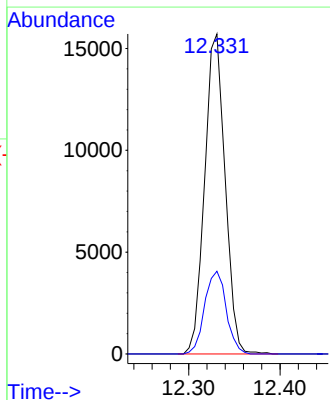
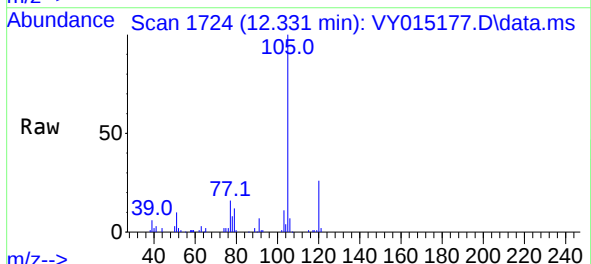
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39

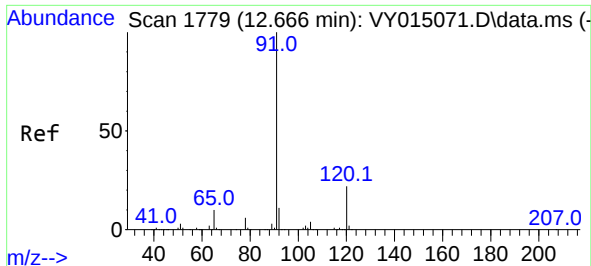
Tgt Ion:152 Resp: 114486
Ion Ratio Lower Upper
152 100
115 59.7 28.8 86.5
150 158.0 0.0 348.8



#73
Isopropylbenzene
Concen: 3.312 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015177.D
Acq: 17 Aug 2023 17:16

Tgt Ion:105 Resp: 24381
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9

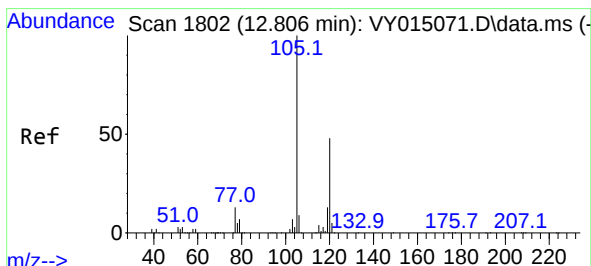
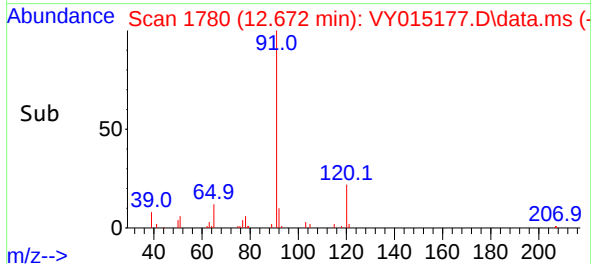
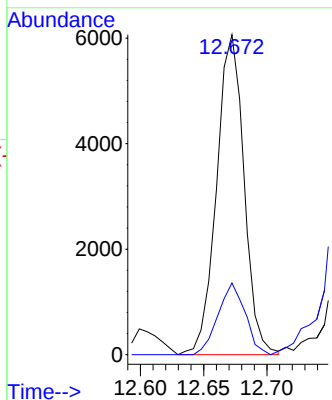
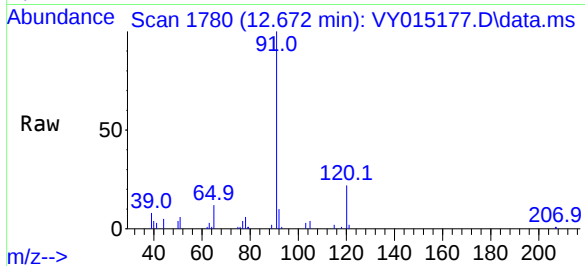




#78
n-propylbenzene
Concen: 1.047 ug/l
RT: 12.672 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015177.D
Acq: 17 Aug 2023 17:16

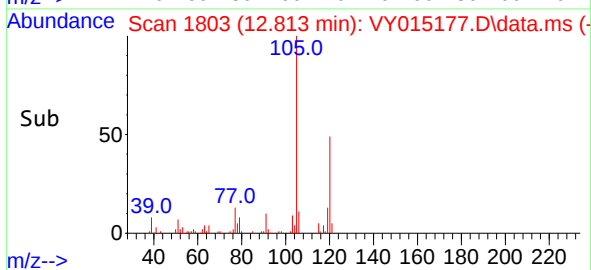
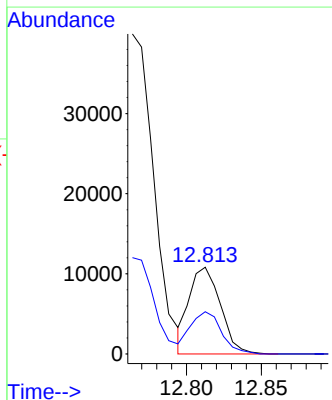
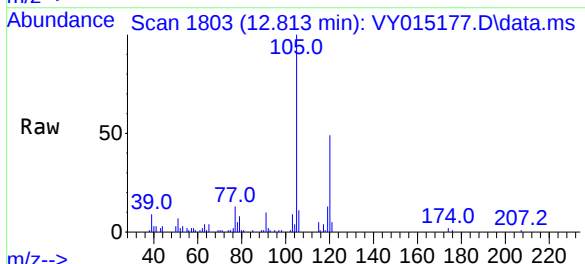
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39

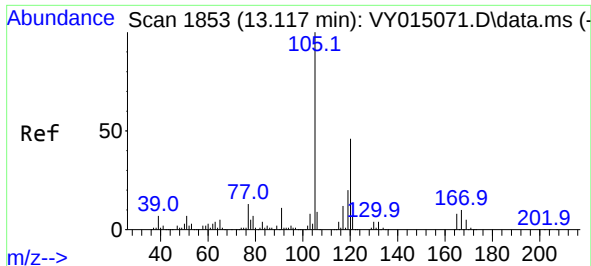
Tgt Ion: 91 Resp: 9153
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 2.556 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015177.D
Acq: 17 Aug 2023 17:16

Tgt Ion: 105 Resp: 15683
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7





#84
1,2,4-Trimethylbenzene
Concen: 14.933 ug/l
RT: 13.117 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015177.D
Acq: 17 Aug 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39

Tgt Ion:105 Resp: 91572
Ion Ratio Lower Upper
105 100
120 45.6 22.2 66.6

