

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015312.D
 Acq On : 24 Aug 2023 15:10
 Operator : SY/MD
 Sample : 04014-01
 Misc : 10.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEVINS-SB06-Z102-104

Quant Time: Aug 25 03:20:01 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)

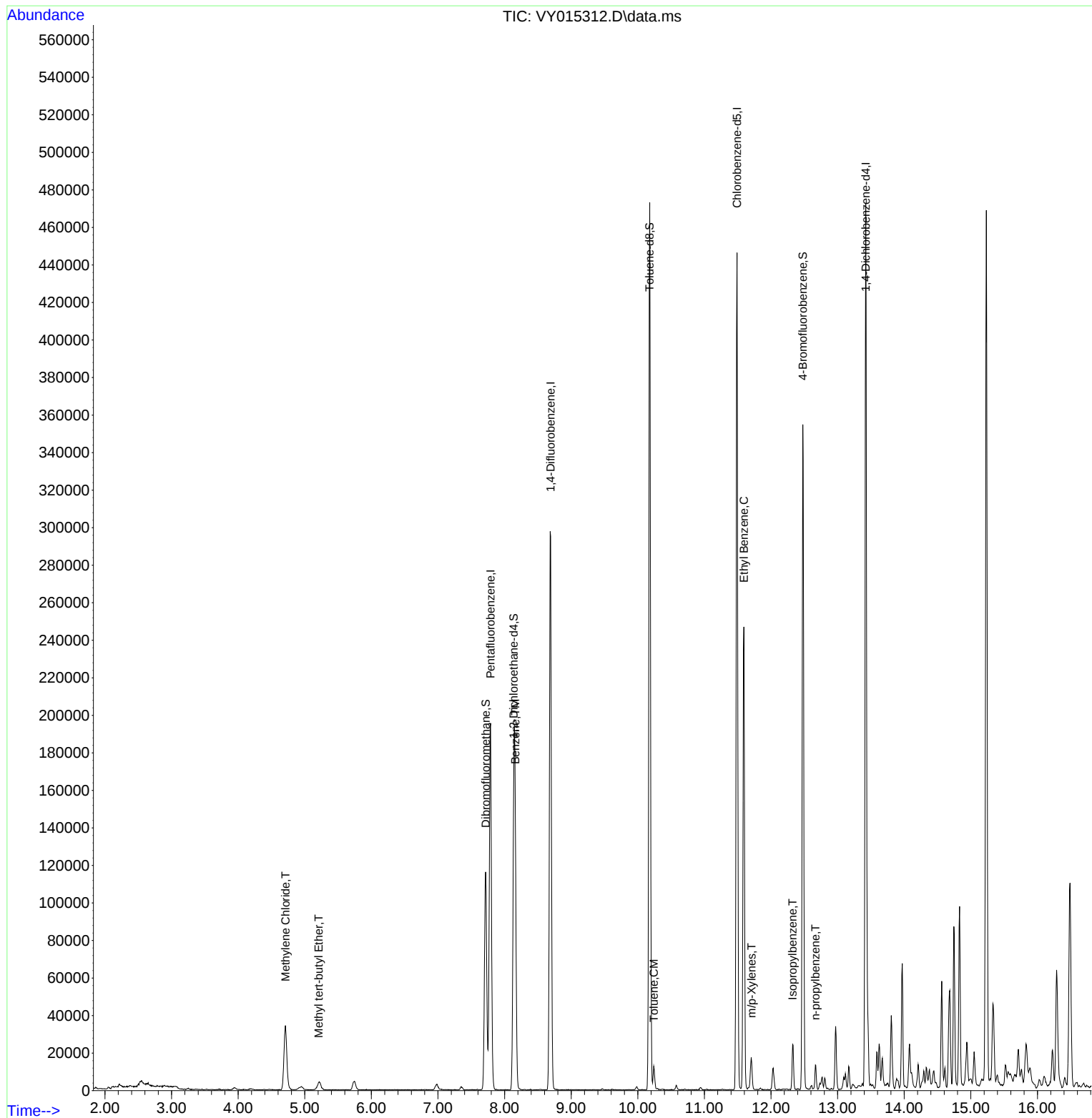
Internal Standards						
1) Pentafluorobenzene	7.789	168	150968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	260429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	237577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100146	55.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.520%
35) Dibromofluoromethane	7.716	113	81997	48.941	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.880%
50) Toluene-d8	10.179	98	307559	49.313	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.477	95	106425	46.718	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.440%
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	5.210	73	6827	1.528	ug/l	# 89
20) Methylene Chloride	4.710	84	24941	14.504	ug/l	92
40) Benzene	8.161	78	113487	20.251	ug/l	100
52) Toluene	10.240	92	4976	1.347	ug/l	94
67) Ethyl Benzene	11.593	91	167606	22.099	ug/l	97
68) m/p-Xylenes	11.709	106	4969	1.725	ug/l	95
73) Isopropylbenzene	12.325	105	15351	2.037	ug/l	98
78) n-propylbenzene	12.666	91	10352	1.157	ug/l	97

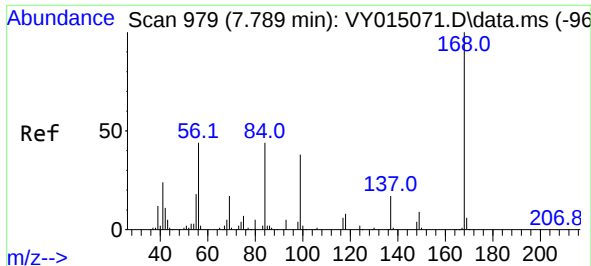
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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NEVINS-SB06-Z102-104

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Quant Title : SW846 8260
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Response via : Initial Calibration

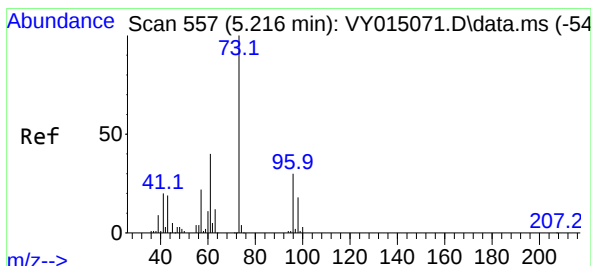
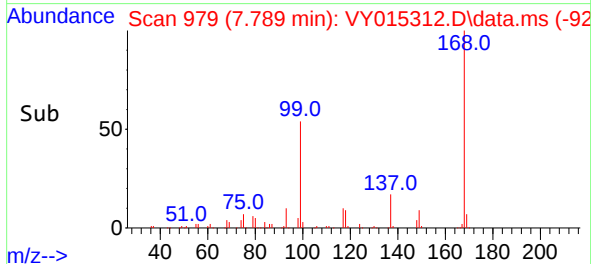
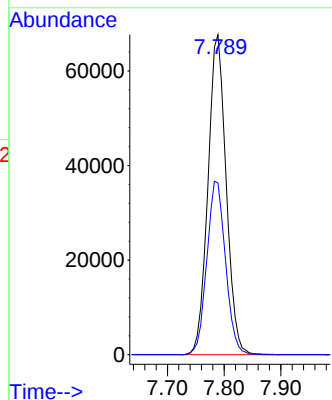
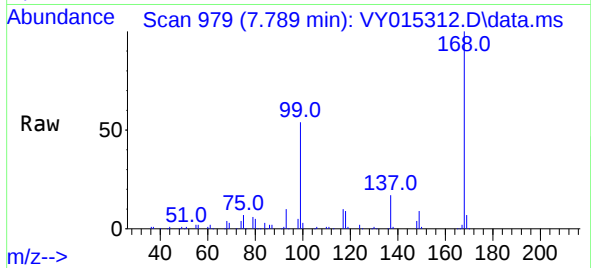




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

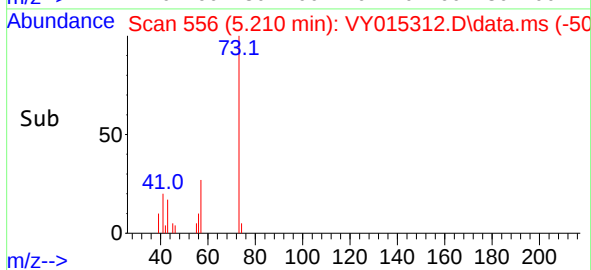
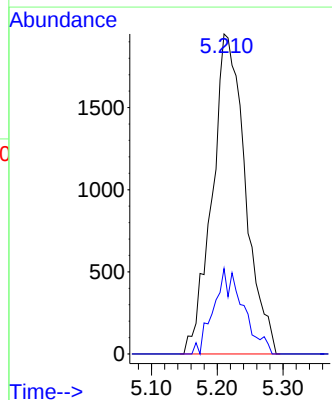
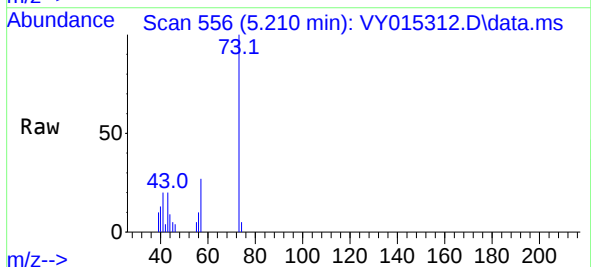
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB06-Z102-104

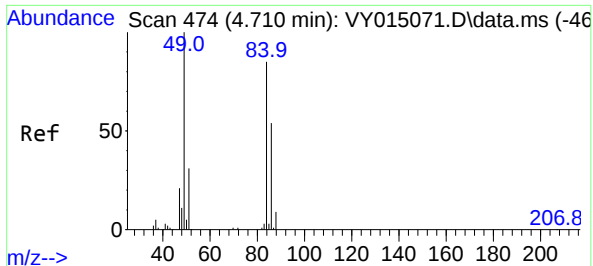
Tgt Ion:168 Resp: 150968
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#19
Methyl tert-butyl Ether
Concen: 1.528 ug/l
RT: 5.210 min Scan# 556
Delta R.T. 0.000 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

Tgt Ion: 73 Resp: 6827
Ion Ratio Lower Upper
73 100
57 26.7 17.3 25.9#



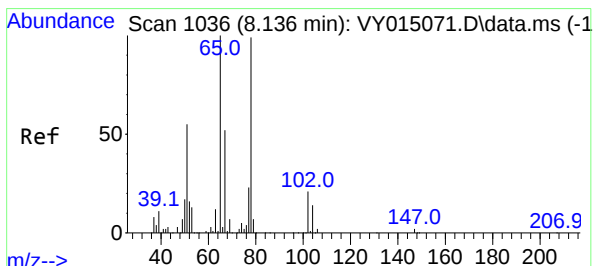
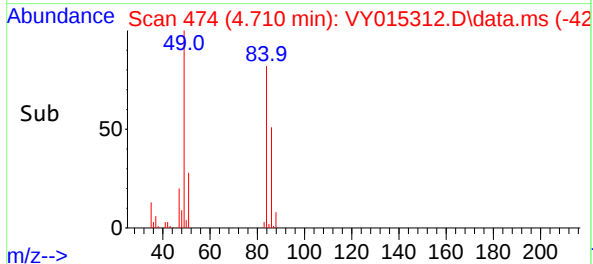
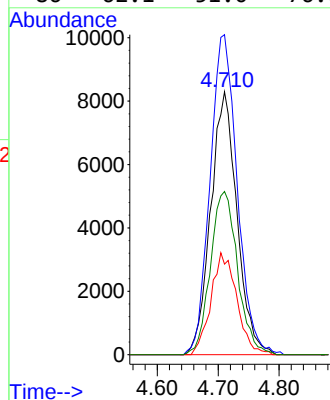
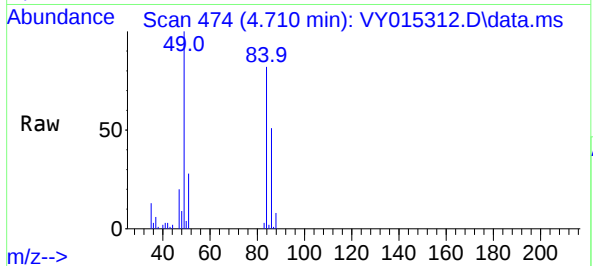


#20
Methylene Chloride
Concen: 14.504 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB06-Z102-104

Tgt Ion: 84 Resp: 24941

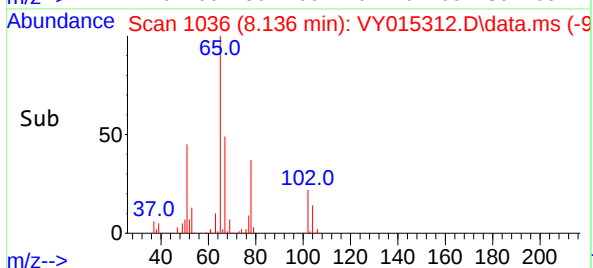
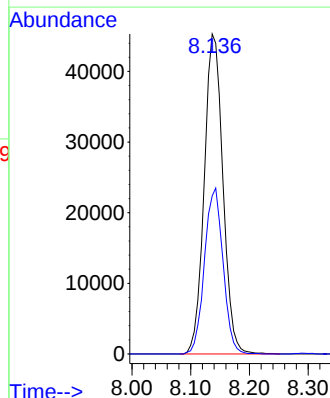
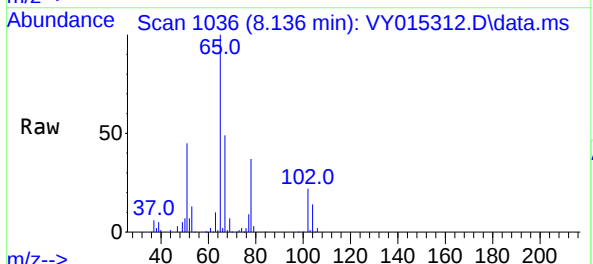
Ion	Ratio	Lower	Upper
84	100		
49	121.7	106.9	160.3
51	34.4	33.2	49.8
86	62.1	51.0	76.6

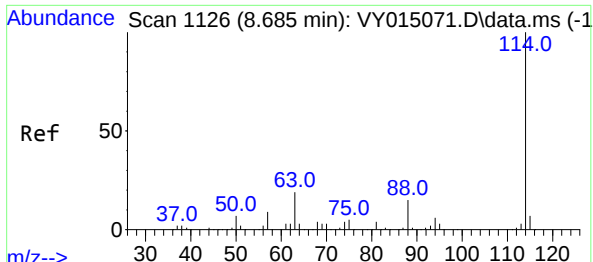


#33
1,2-Dichloroethane-d4
Concen: 55.261 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

Tgt Ion: 65 Resp: 100146

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.8



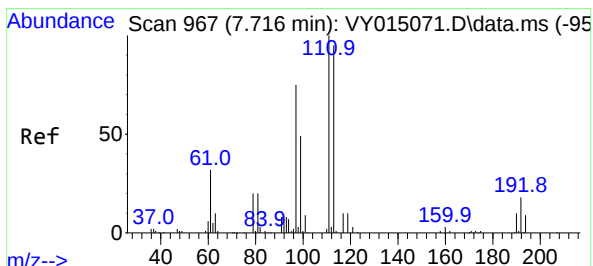
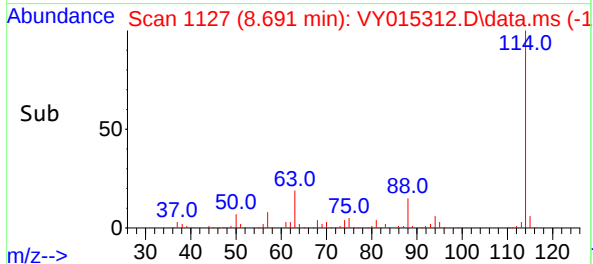
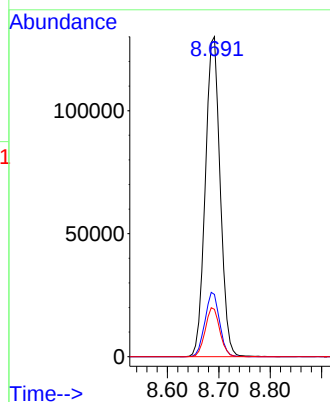
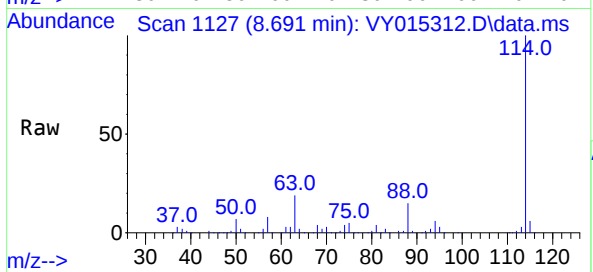


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB06-Z102-104

Tgt Ion:114 Resp: 260429

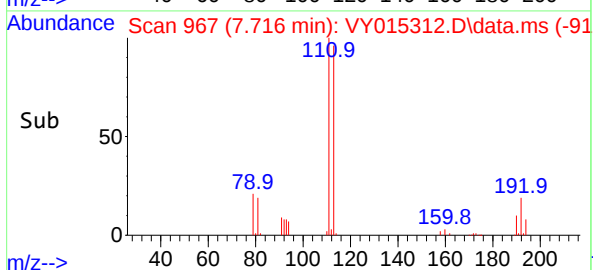
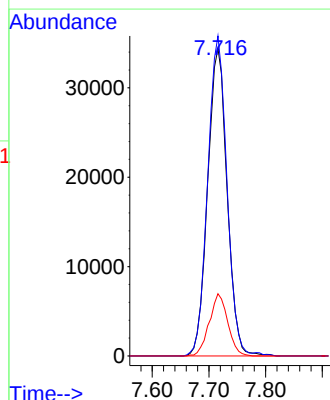
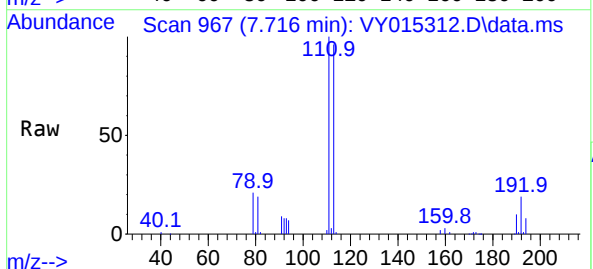
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.4
88	14.8	0.0	30.6

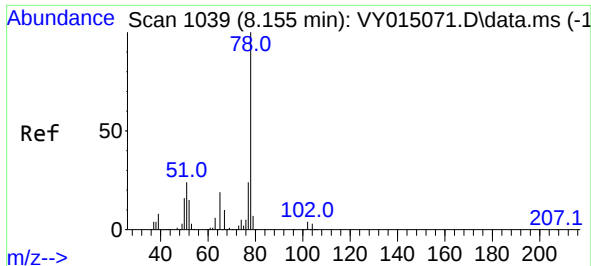


#35
Dibromofluoromethane
Concen: 48.941 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

Tgt Ion:113 Resp: 81997

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.3	121.9
192	19.2	16.9	25.3

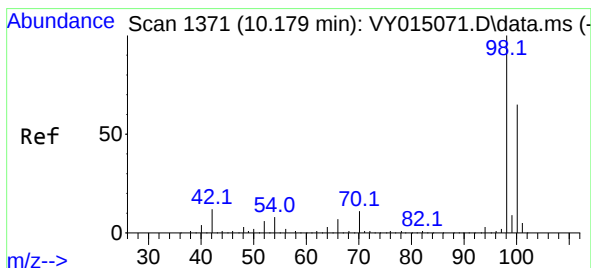
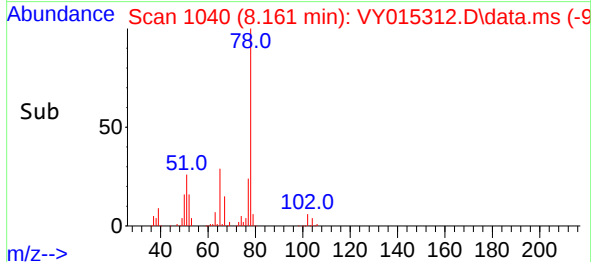
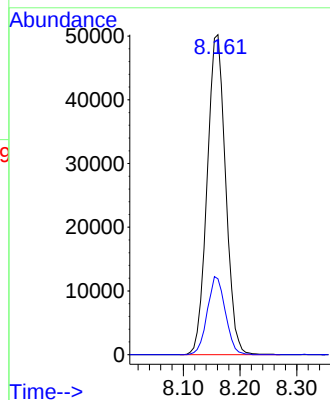
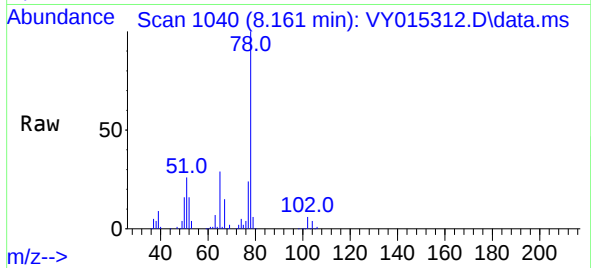




#40
Benzene
Concen: 20.251 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

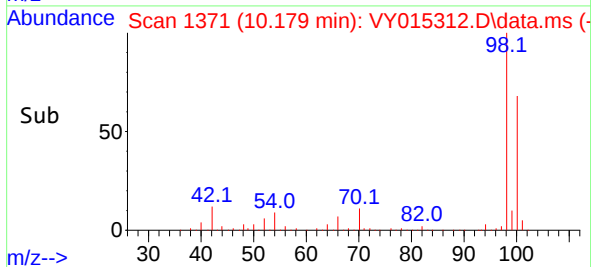
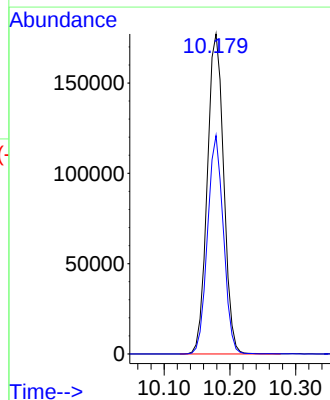
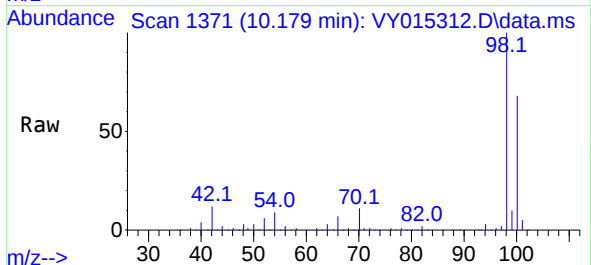
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB06-Z102-104

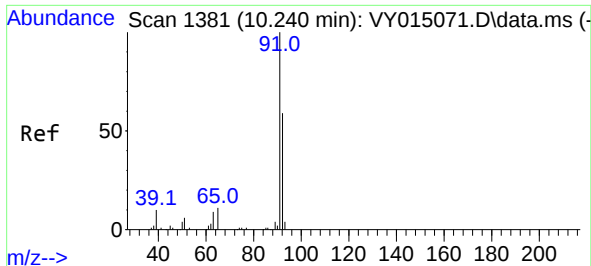
Tgt Ion: 78 Resp: 113487
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6



#50
Toluene-d8
Concen: 49.313 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

Tgt Ion: 98 Resp: 307559
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1

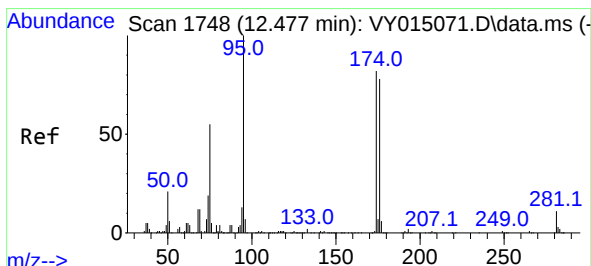
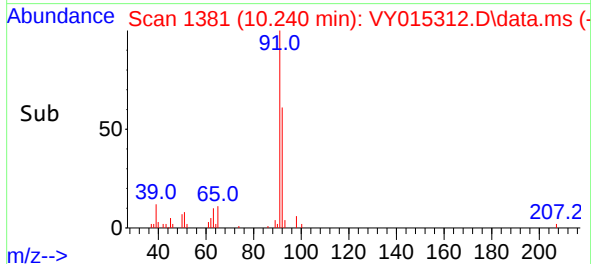
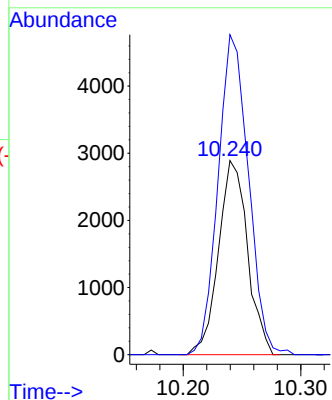
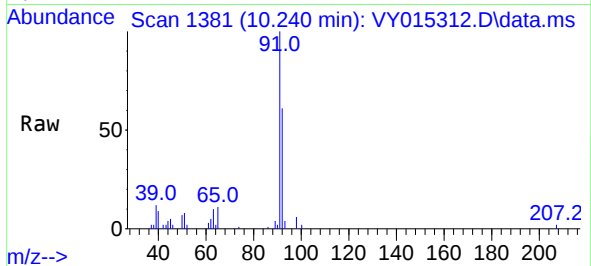




#52
Toluene
Concen: 1.347 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

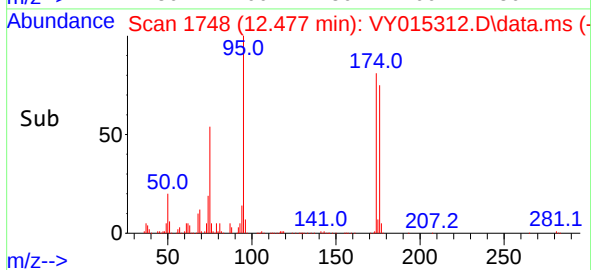
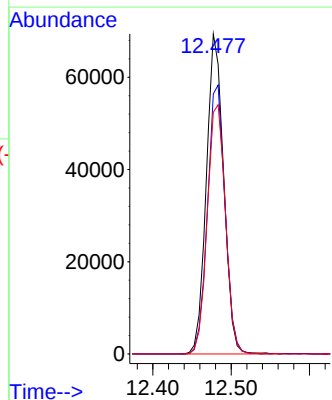
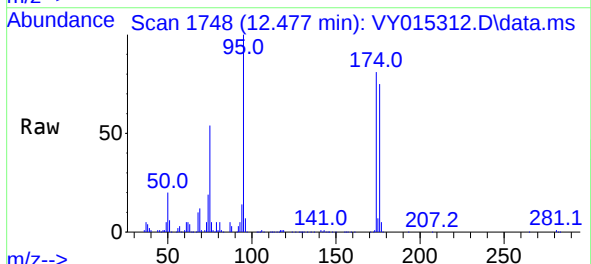
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB06-Z102-104

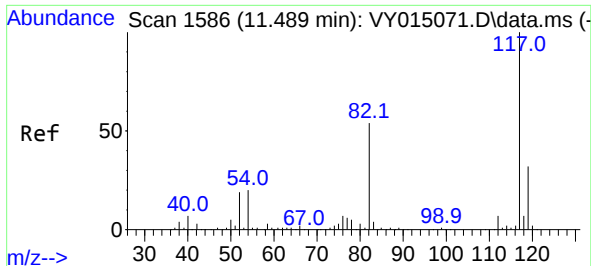
Tgt Ion: 92 Resp: 4976
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 46.718 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

Tgt Ion: 95 Resp: 106425
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 81.6 0.0 173.8

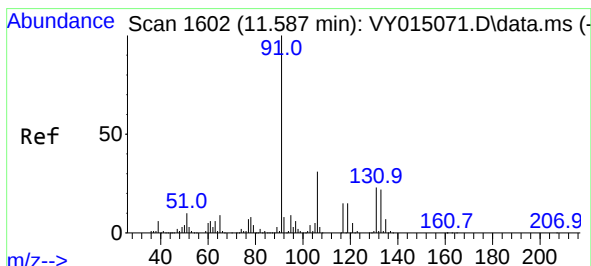
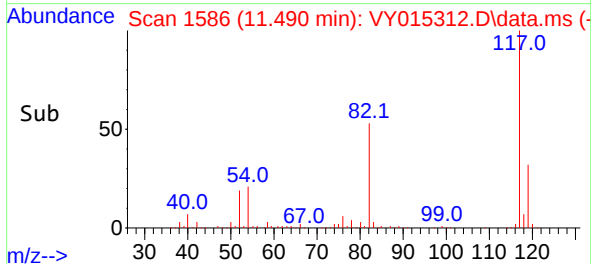
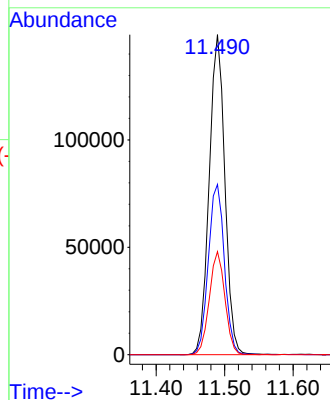
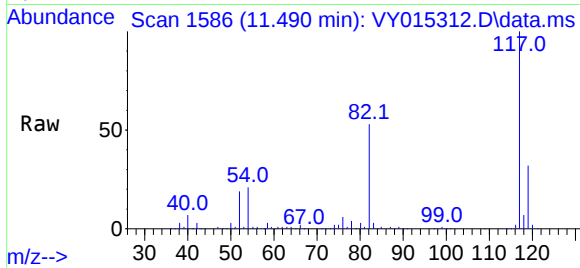




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

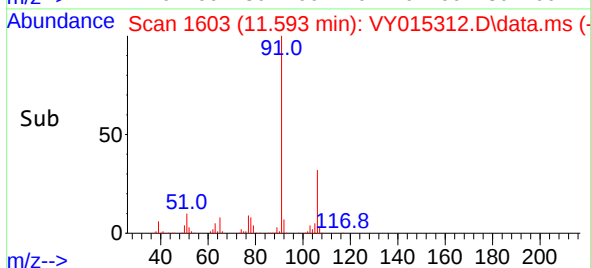
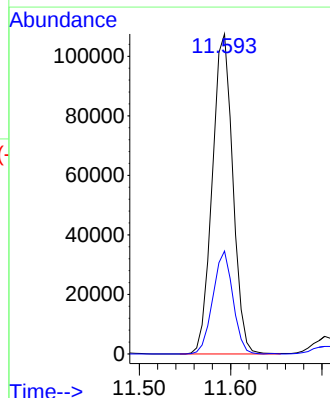
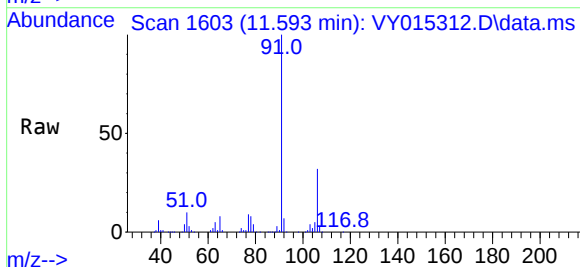
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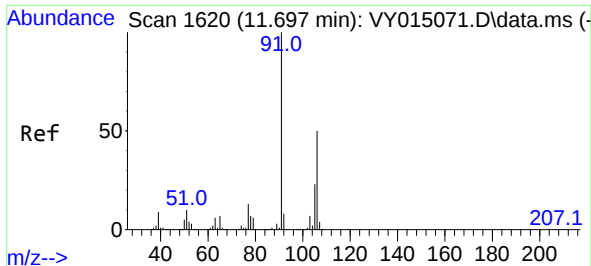
Tgt Ion:117 Resp: 237577
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.2 26.3 39.5



#67
Ethyl Benzene
Concen: 22.099 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

Tgt Ion: 91 Resp: 167606
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8

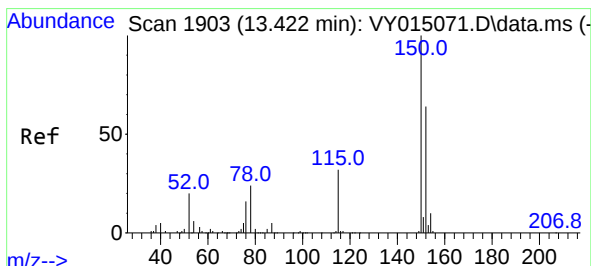
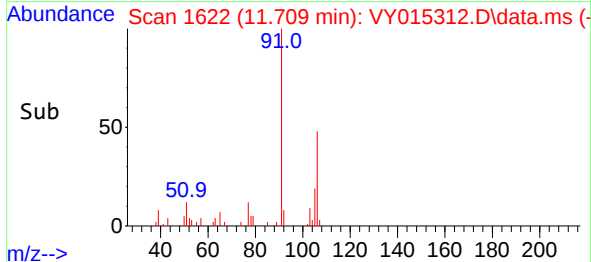
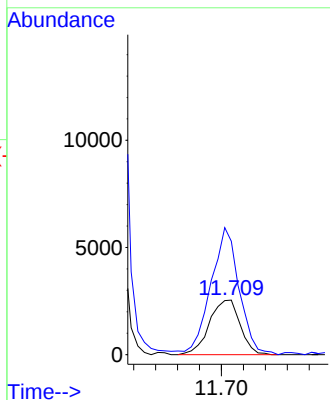
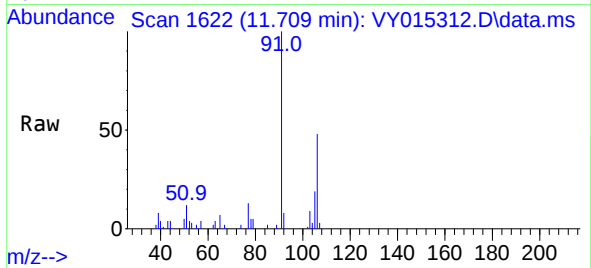




#68
m/p-Xylenes
Concen: 1.725 ug/l
RT: 11.709 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

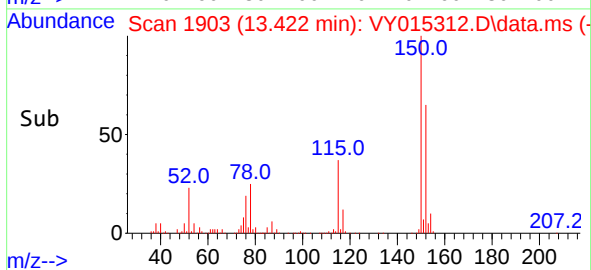
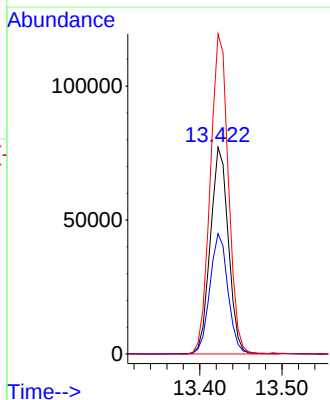
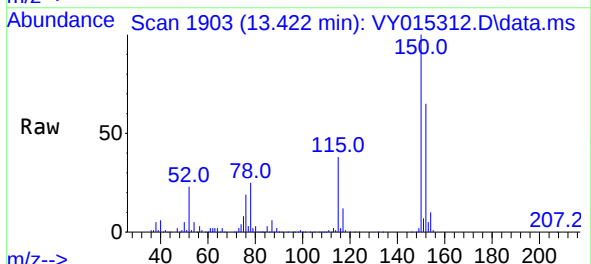
Instrument :
MSVOA_Y
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NEVINS-SB06-Z102-104

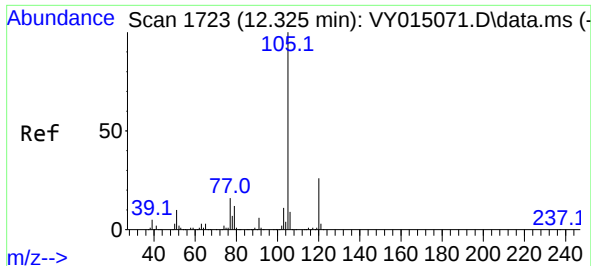
Tgt Ion:106 Resp: 4969
Ion Ratio Lower Upper
106 100
91 215.7 166.1 249.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

Tgt Ion:152 Resp: 117202
Ion Ratio Lower Upper
152 100
115 59.1 28.8 86.5
150 156.1 0.0 348.8

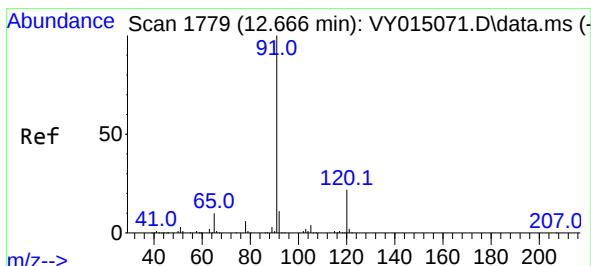
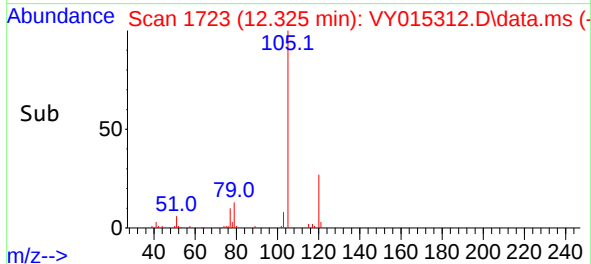
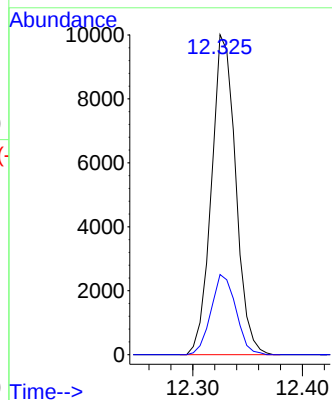
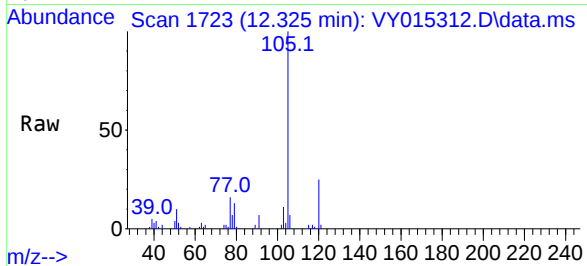




#73
Isopropylbenzene
Concen: 2.037 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB06-Z102-104

Tgt Ion:105 Resp: 15351
Ion Ratio Lower Upper
105 100
120 25.7 13.3 39.9



#78
n-propylbenzene
Concen: 1.157 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY015312.D
Acq: 24 Aug 2023 15:10

Tgt Ion: 91 Resp: 10352
Ion Ratio Lower Upper
91 100
120 21.3 11.5 34.4

