

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015166.D
 Acq On : 17 Aug 2023 12:55
 Operator : SY/MD
 Sample : 03958-05
 Misc : 7.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 18 00:52:29 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)

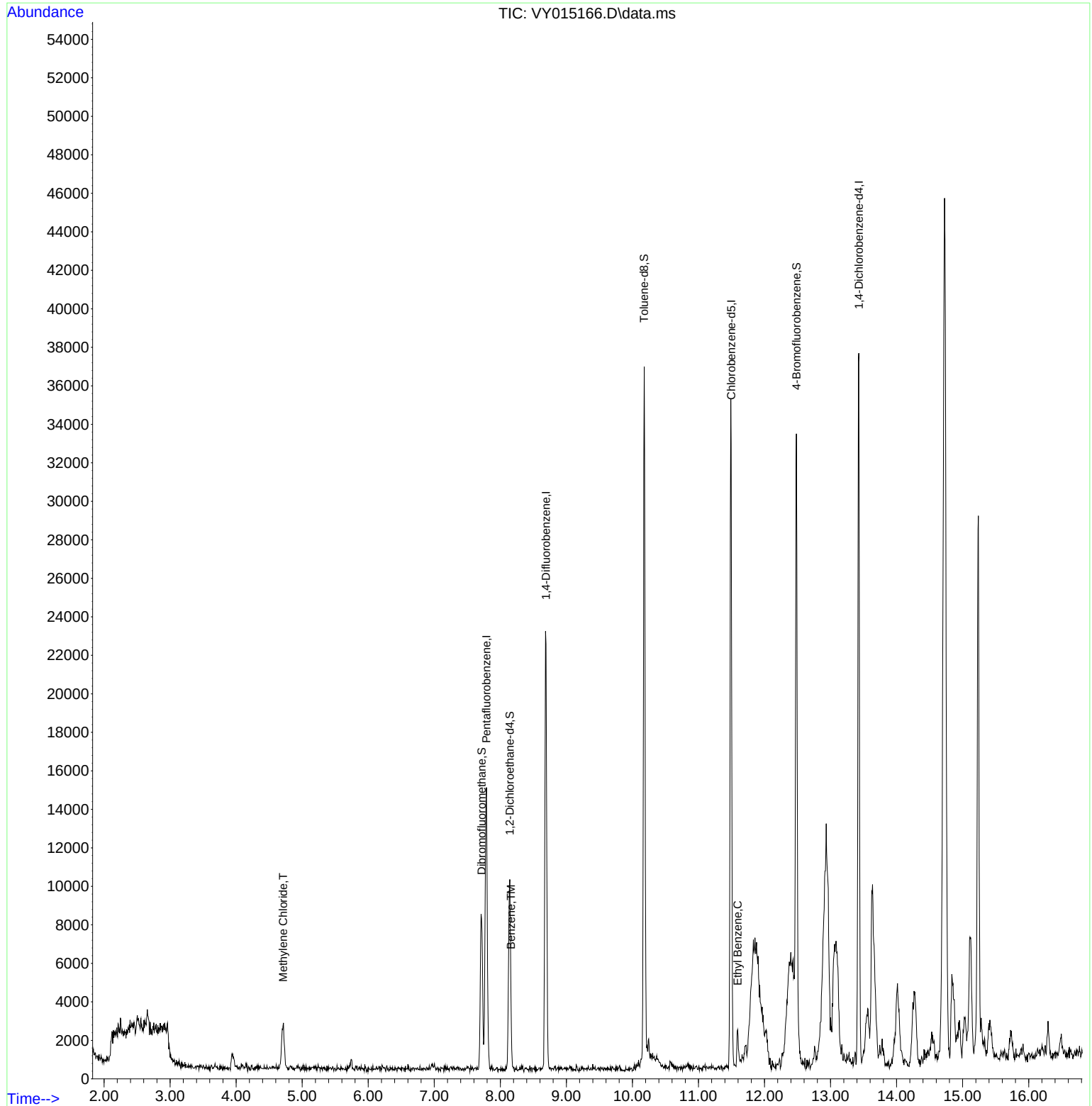
Internal Standards						
1) Pentafluorobenzene	7.789	168	11497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	19393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	19778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7391	53.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.100%	
35) Dibromofluoromethane	7.716	113	6062	48.589	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.180%	
50) Toluene-d8	10.179	98	22843	49.184	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	12.483	95	9527	56.162	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.320%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	1811	13.609	ug/l	90
40) Benzene	8.161	78	858	2.056	ug/l	95
67) Ethyl Benzene	11.593	91	1559	2.469	ug/l	97

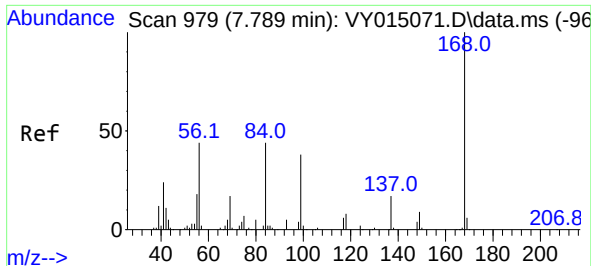
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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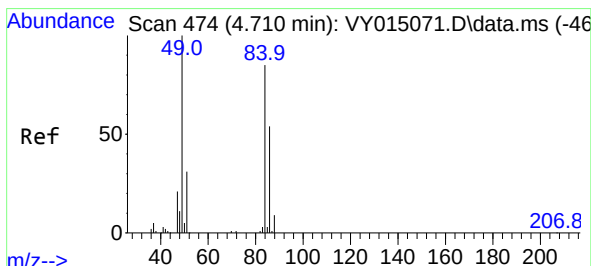
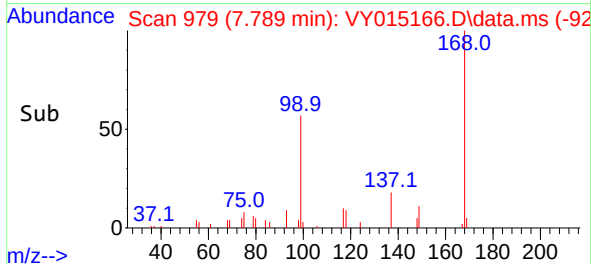
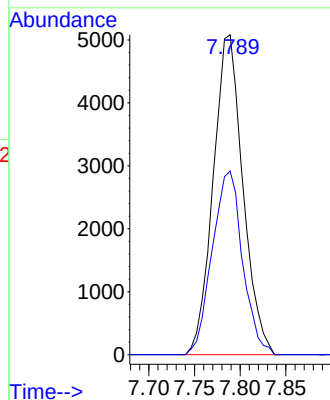
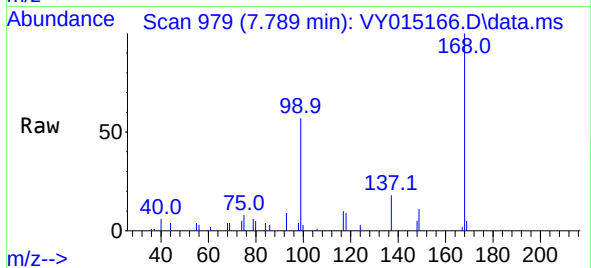




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015166.D
Acq: 17 Aug 2023 12:55

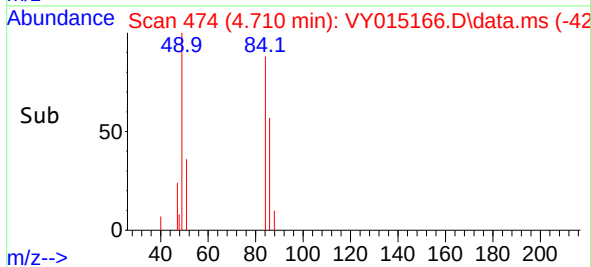
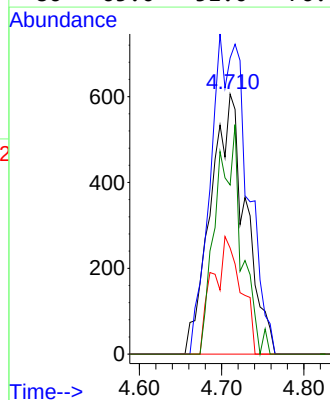
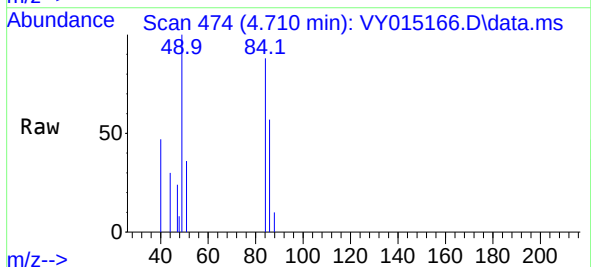
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39

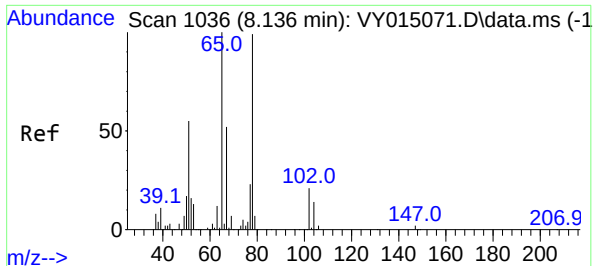
Tgt Ion:168 Resp: 11497
Ion Ratio Lower Upper
168 100
99 57.4 43.4 65.0



#20
Methylene Chloride
Concen: 13.609 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015166.D
Acq: 17 Aug 2023 12:55

Tgt Ion: 84 Resp: 1811
Ion Ratio Lower Upper
84 100
49 113.9 106.9 160.3
51 40.8 33.2 49.8
86 65.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 53.554 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015166.D

Acq: 17 Aug 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

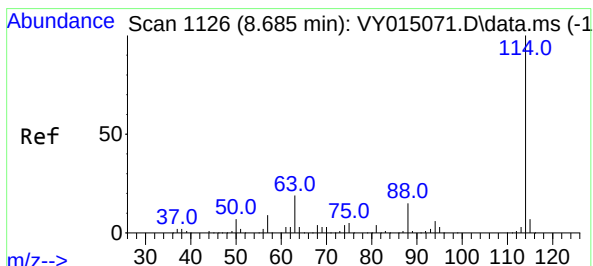
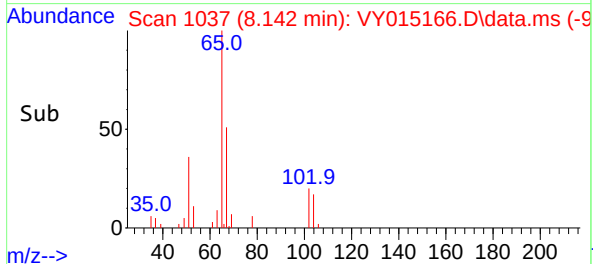
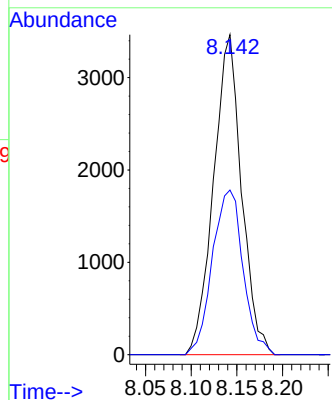
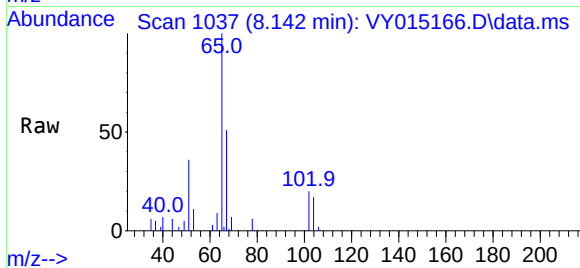
NEVINS-SB02-Z37-39

Tgt Ion: 65 Resp: 7391

Ion Ratio Lower Upper

65 100

67 56.4 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: VY015166.D

Acq: 17 Aug 2023 12:55

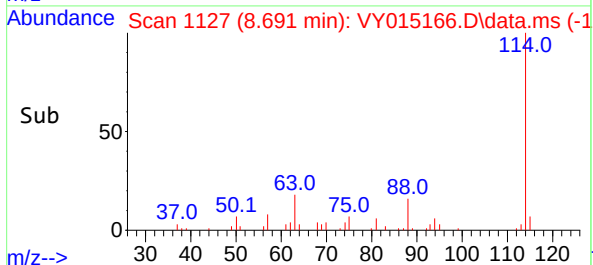
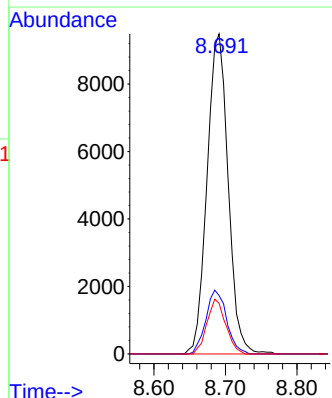
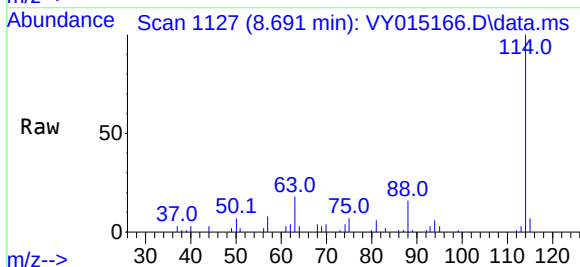
Tgt Ion: 114 Resp: 19393

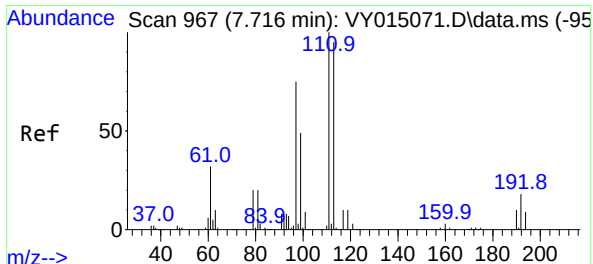
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 15.8 0.0 30.6

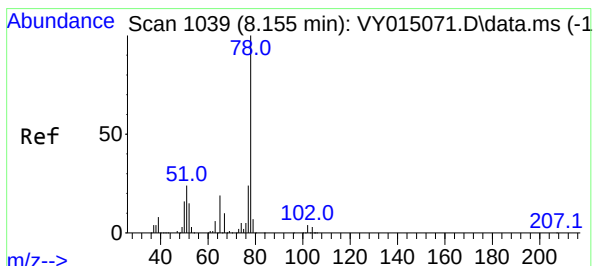
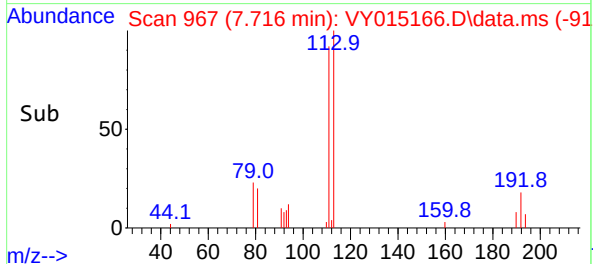
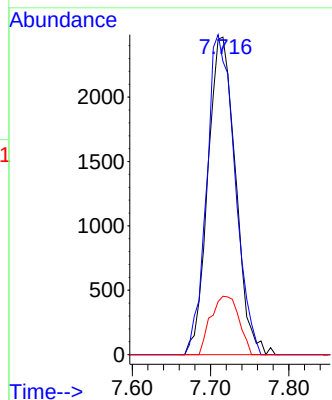
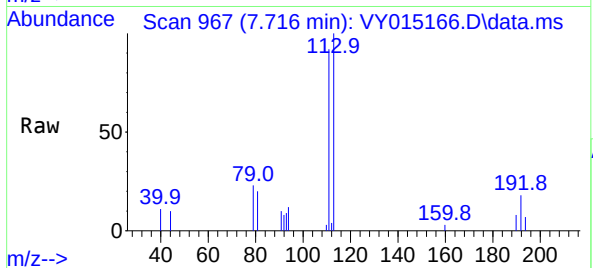




#35
Dibromofluoromethane
Concen: 48.589 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015166.D
Acq: 17 Aug 2023 12:55

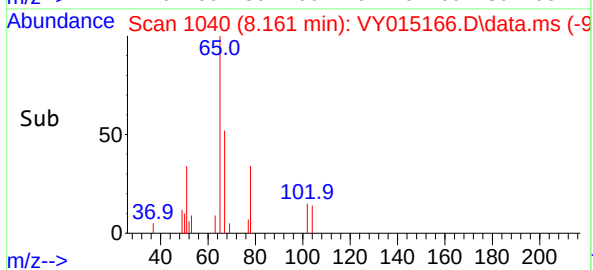
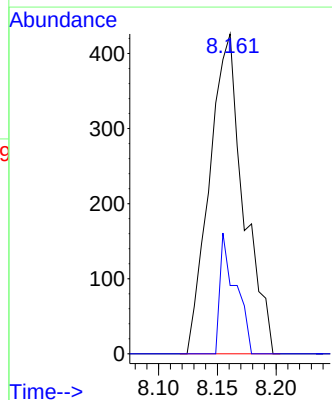
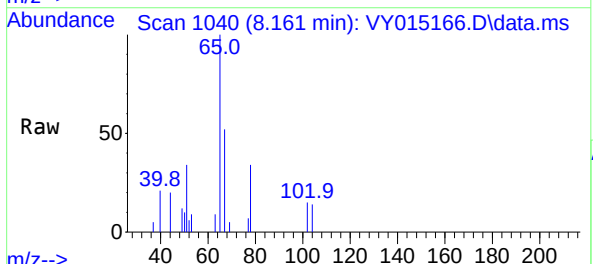
Instrument :
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NEVINS-SB02-Z37-39

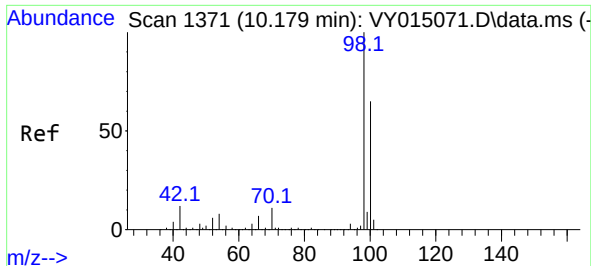
Tgt Ion:113 Resp: 6062
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 18.6 16.9 25.3



#40
Benzene
Concen: 2.056 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY015166.D
Acq: 17 Aug 2023 12:55

Tgt Ion: 78 Resp: 858
Ion Ratio Lower Upper
78 100
77 21.4 19.0 28.6

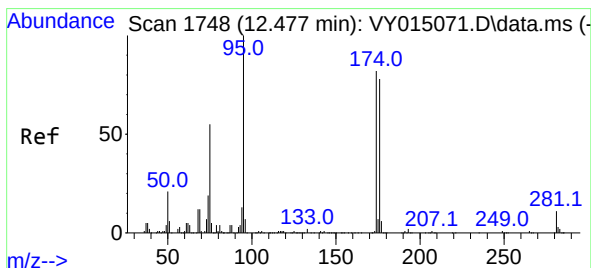
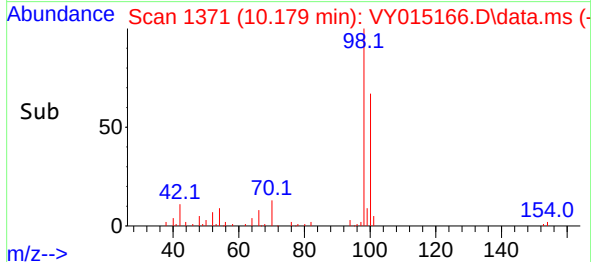
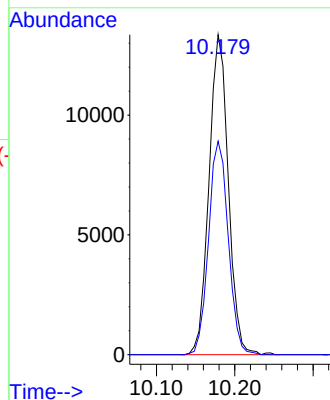
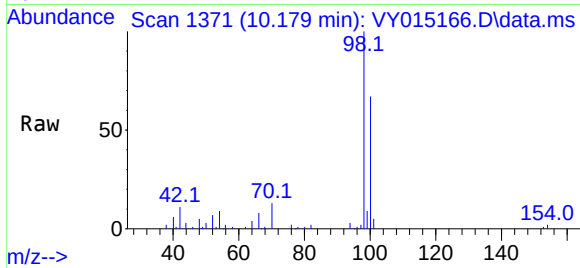




#50
Toluene-d8
Concen: 49.184 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015166.D
Acq: 17 Aug 2023 12:55

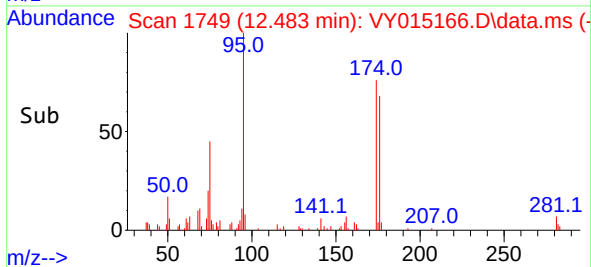
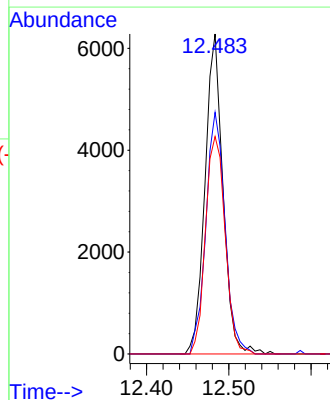
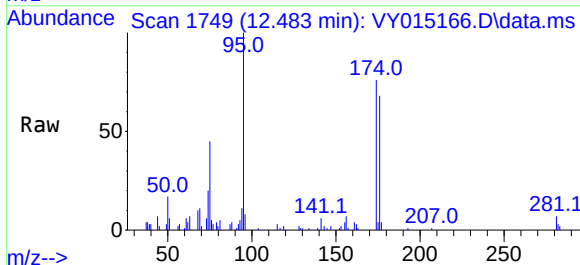
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z37-39

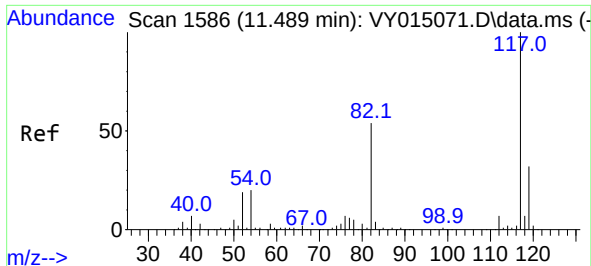
Tgt Ion: 98 Resp: 22843
Ion Ratio Lower Upper
98 100
100 68.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.162 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015166.D
Acq: 17 Aug 2023 12:55

Tgt Ion: 95 Resp: 9527
Ion Ratio Lower Upper
95 100
174 80.6 0.0 178.2
176 74.4 0.0 173.8

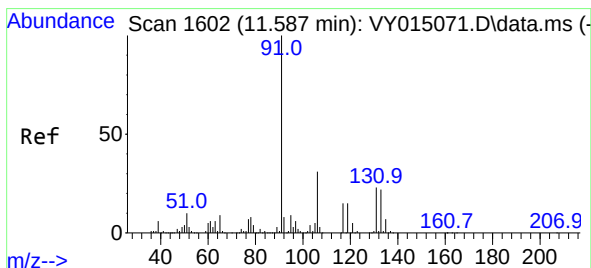
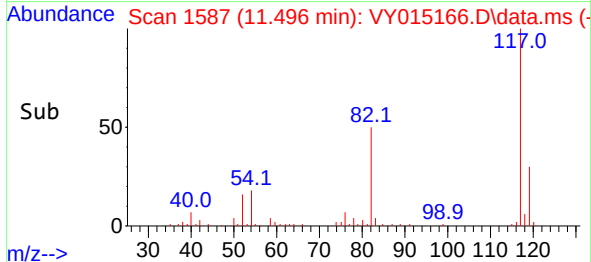
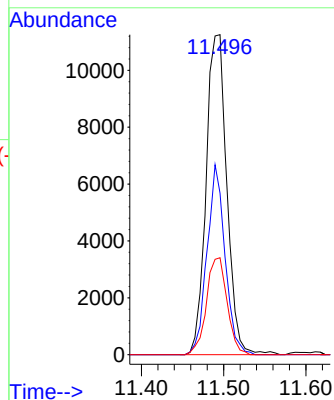
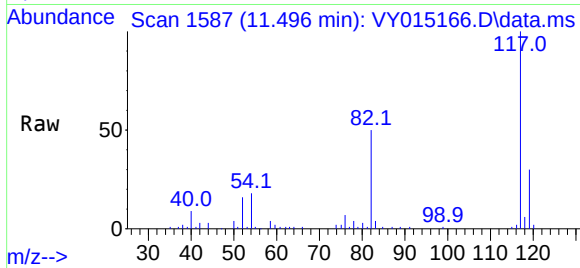




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015166.D
Acq: 17 Aug 2023 12:55

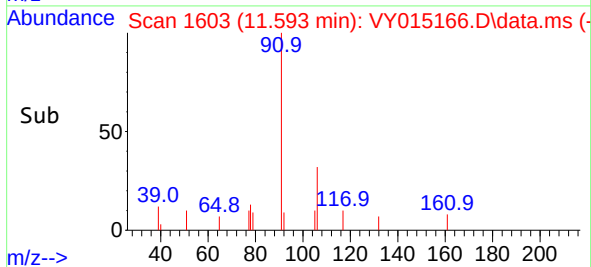
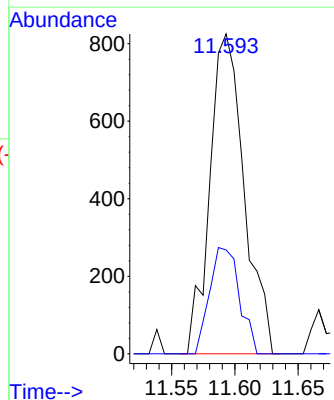
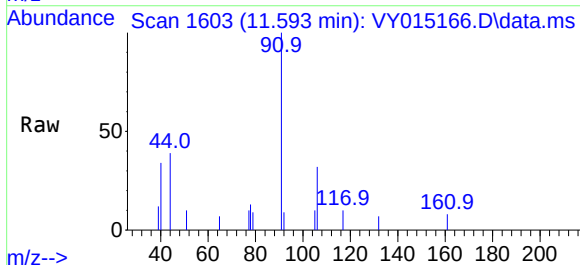
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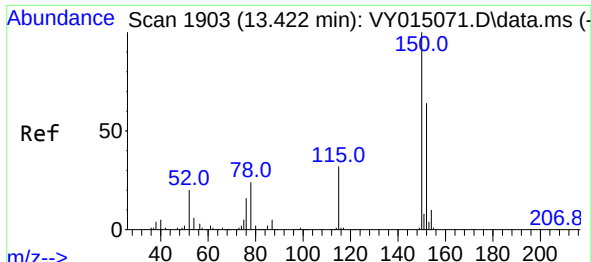
Tgt Ion:	117	Resp:	19778
Ion	Ratio	Lower	Upper
117	100		
82	50.4	43.4	65.0
119	30.3	26.3	39.5



#67
Ethyl Benzene
Concen: 2.469 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015166.D
Acq: 17 Aug 2023 12:55

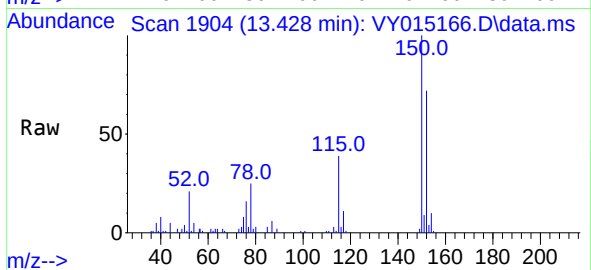
Tgt Ion:	91	Resp:	1559
Ion	Ratio	Lower	Upper
91	100		
106	32.5	24.6	36.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015166.D
Acq: 17 Aug 2023 12:55

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



Tgt Ion:	152	Resp:	9865
Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.8	86.5
150	151.3	0.0	348.8

