

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081379.D
 Acq On : 12 Mar 2024 17:50
 Operator : JC\MD
 Sample : P1734-09 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1344

Quant Time: Mar 13 04:55:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

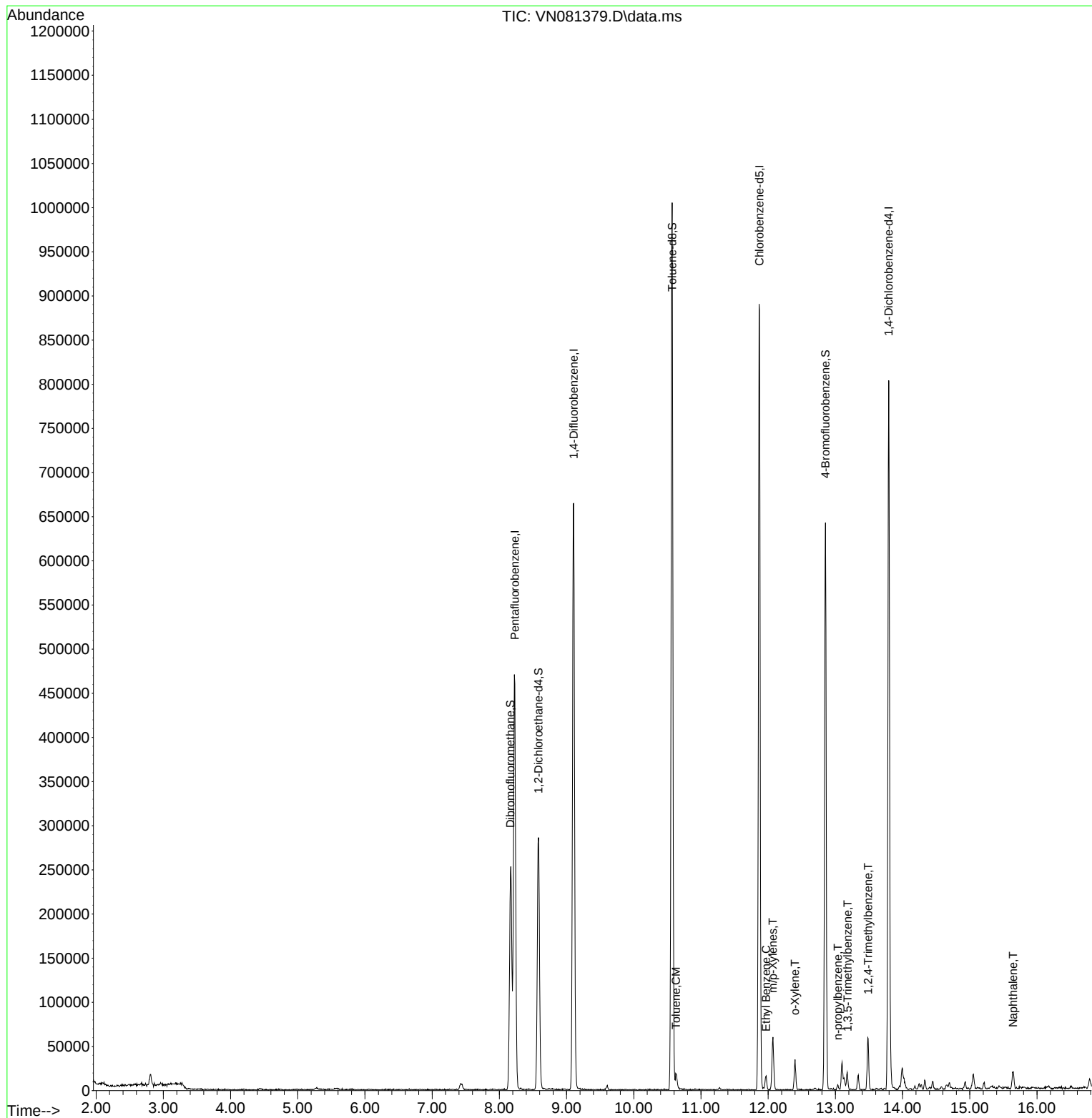
Internal Standards						
1) Pentafluorobenzene	8.230	168	318601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	578180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	502758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	238927	51.866	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.740%	
35) Dibromofluoromethane	8.165	113	180718	51.017	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.040%	
50) Toluene-d8	10.571	98	691527	52.222	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	12.853	95	216677	46.296	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.600%	
Target Compounds						
					Qvalue	
52) Toluene	10.629	92	7257	0.704	ug/l	92
67) Ethyl Benzene	11.970	91	10392	0.545	ug/l	93
68) m/p-Xylenes	12.070	106	18597	2.589	ug/l	89
69) o-Xylene	12.400	106	8753	1.258	ug/l	93
78) n-propylbenzene	13.035	91	4624	0.244	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	9392	0.709	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	32438	2.417	ug/l	100
95) Naphthalene	15.647	128	17378	1.328	ug/l #	94

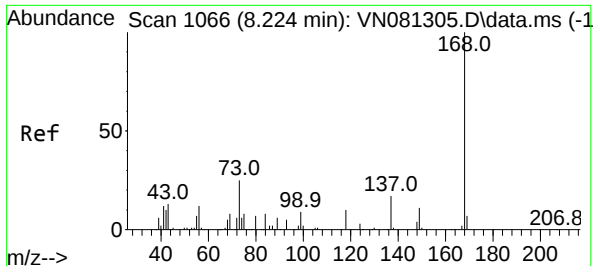
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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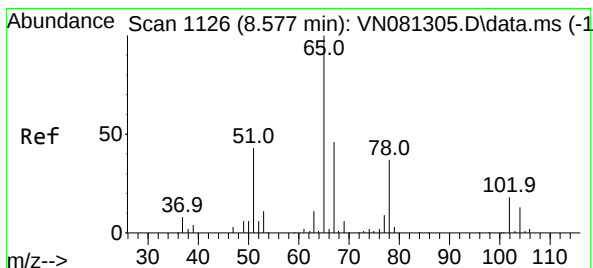
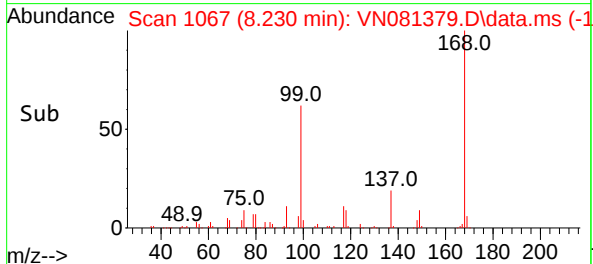
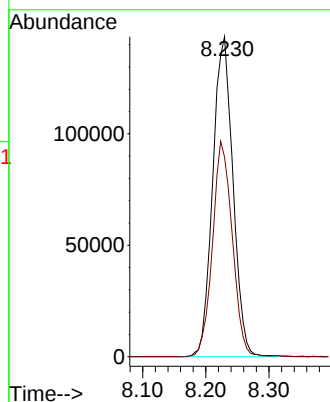
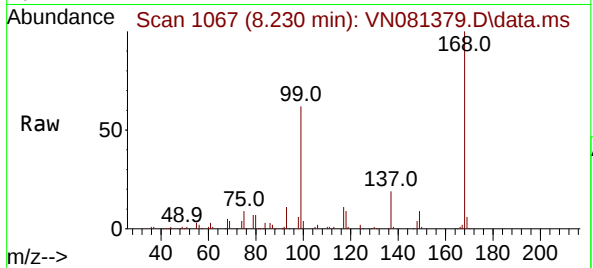




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081379.D
Acq: 12 Mar 2024 17:50

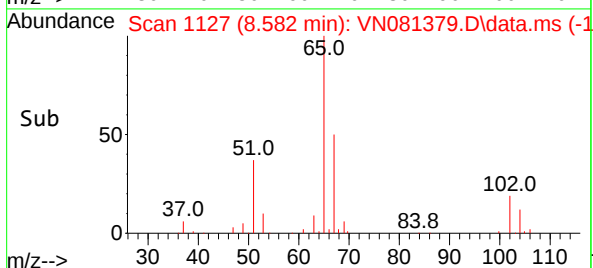
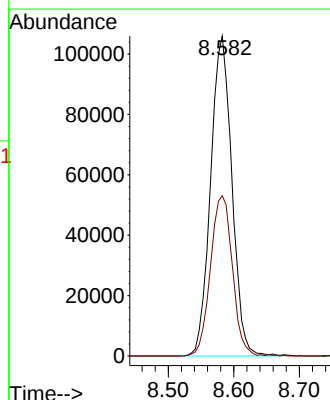
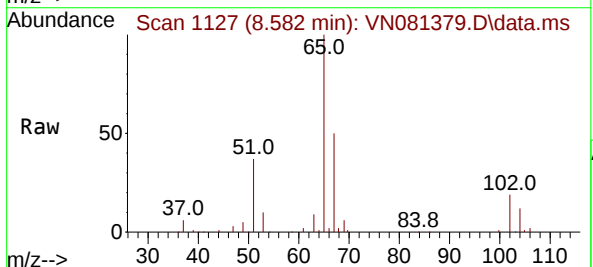
Instrument :
MSVOA_N
ClientSampleId :
1344

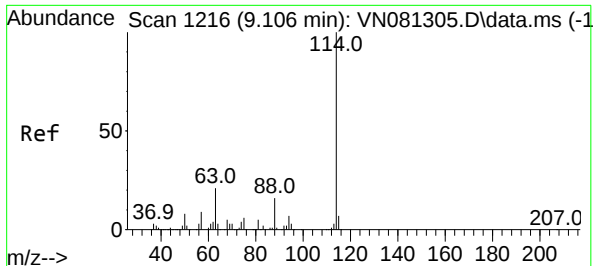
Tgt Ion:168 Resp: 318601
Ion Ratio Lower Upper
168 100
99 62.4 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.866 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081379.D
Acq: 12 Mar 2024 17:50

Tgt Ion: 65 Resp: 238927
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4

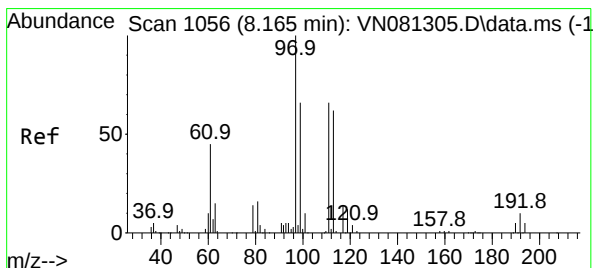
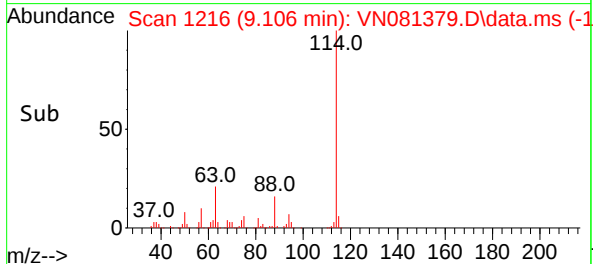
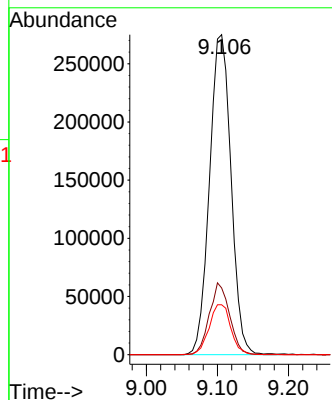
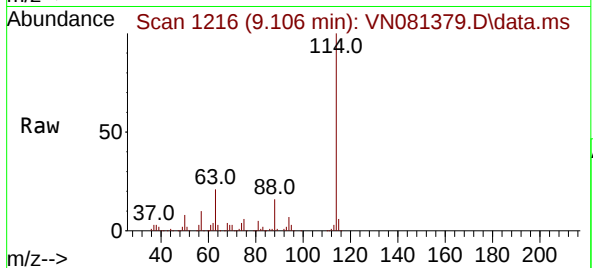




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN081379.D
Acq: 12 Mar 2024 17:50

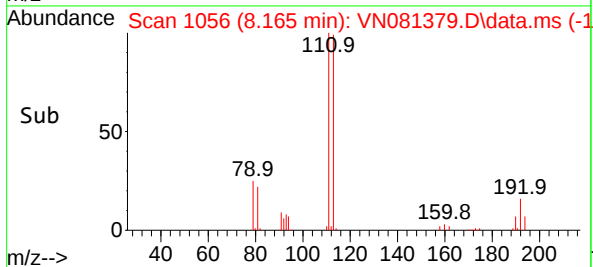
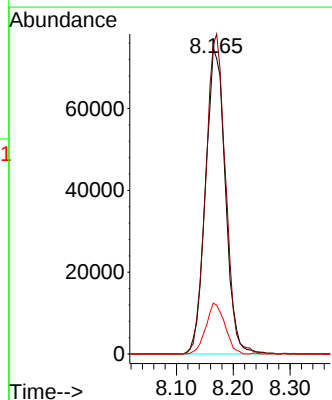
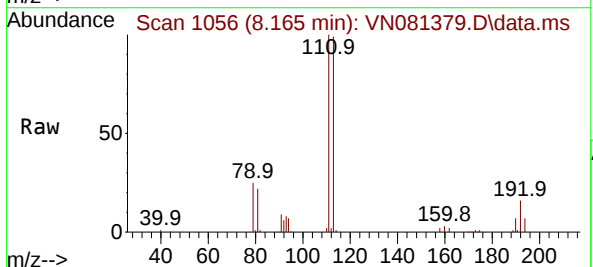
Instrument :
MSVOA_N
ClientSampleId :
1344

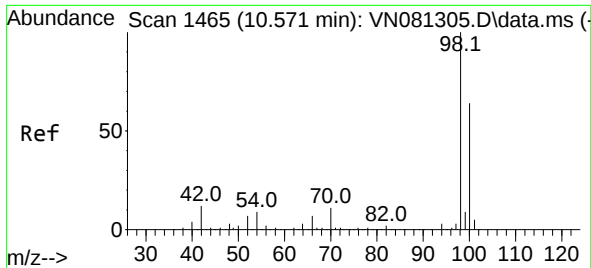
Tgt Ion:114 Resp: 578180
Ion Ratio Lower Upper
114 100
63 20.8 0.0 48.0
88 15.6 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.017 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081379.D
Acq: 12 Mar 2024 17:50

Tgt Ion:113 Resp: 180718
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 15.9 12.5 18.7

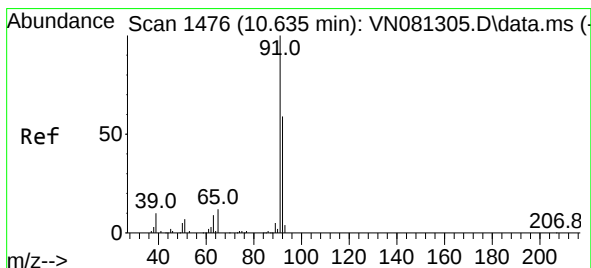
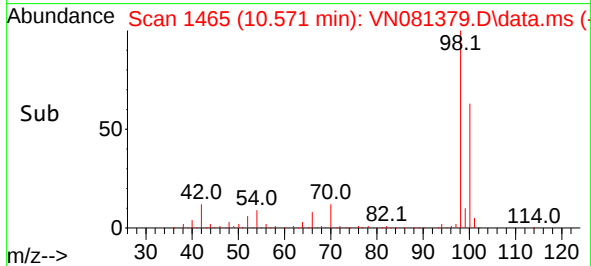
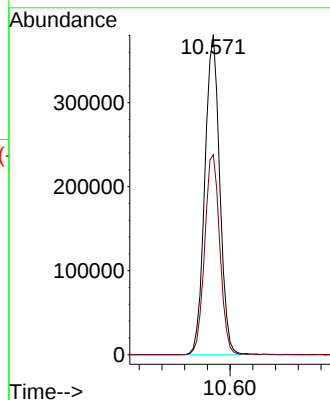
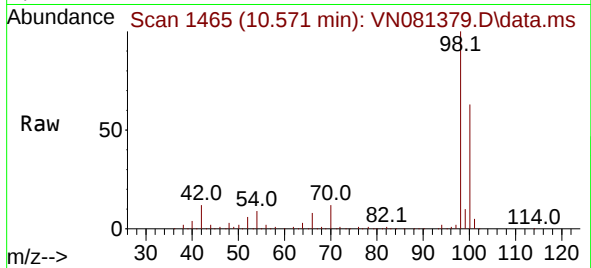




#50
Toluene-d8
Concen: 52.222 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081379.D
Acq: 12 Mar 2024 17:50

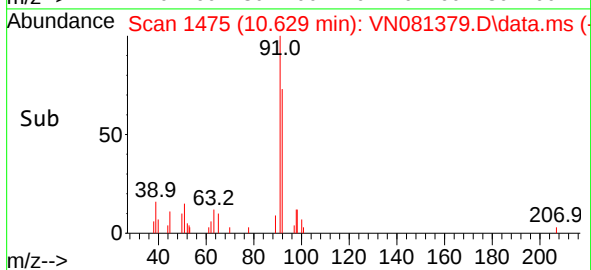
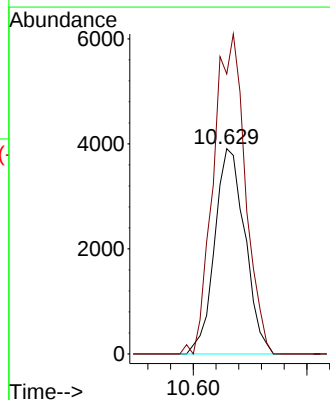
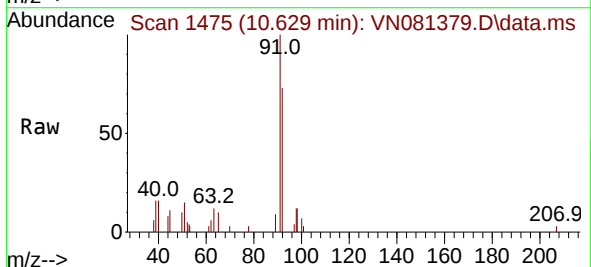
Instrument :
MSVOA_N
ClientSampleId :
1344

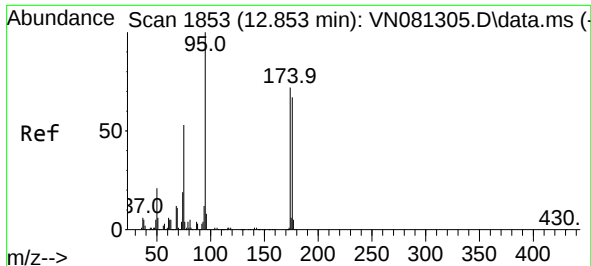
Tgt Ion: 98 Resp: 691527
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



#52
Toluene
Concen: 0.704 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081379.D
Acq: 12 Mar 2024 17:50

Tgt Ion: 92 Resp: 7257
Ion Ratio Lower Upper
92 100
91 163.6 139.4 209.0

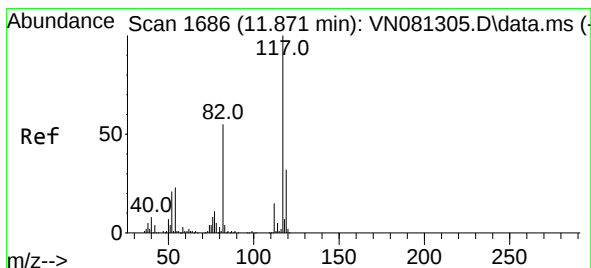
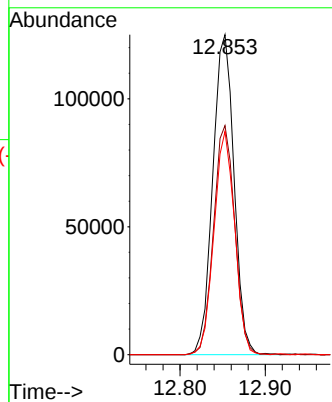
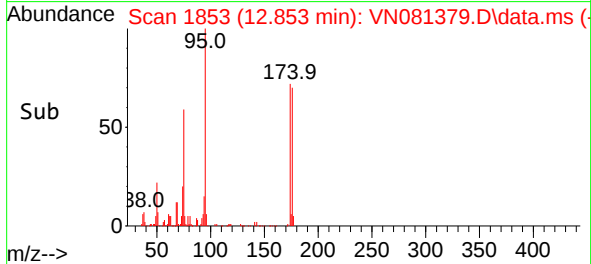
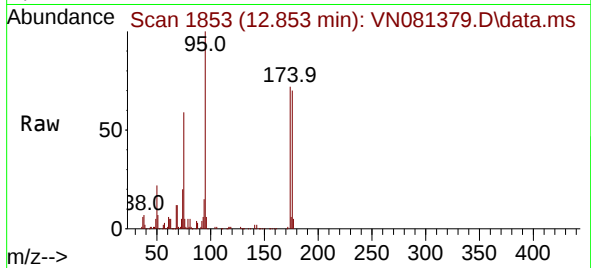




#62
4-Bromofluorobenzene
Concen: 46.296 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081379.D
Acq: 12 Mar 2024 17:50

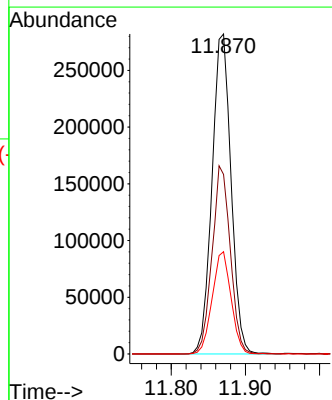
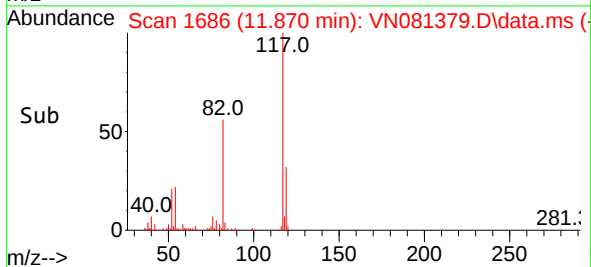
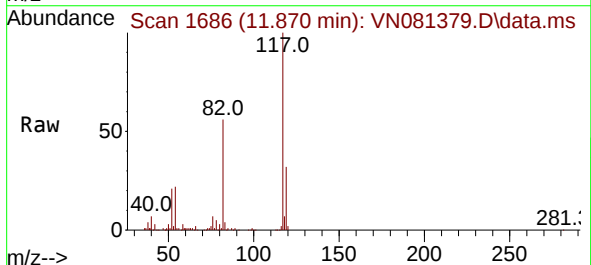
Instrument :
MSVOA_N
ClientSampleId :
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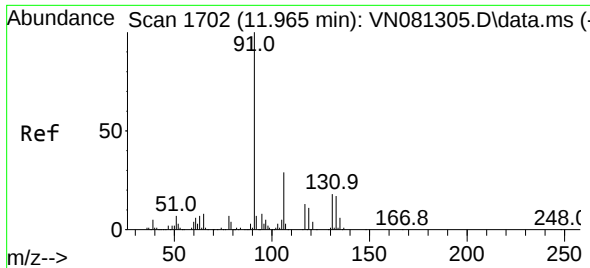
Tgt Ion: 95 Resp: 216677
Ion Ratio Lower Upper
95 100
174 71.5 0.0 120.4
176 68.0 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN081379.D
Acq: 12 Mar 2024 17:50

Tgt Ion: 117 Resp: 502758
Ion Ratio Lower Upper
117 100
82 56.1 52.7 79.1
119 31.9 25.3 37.9

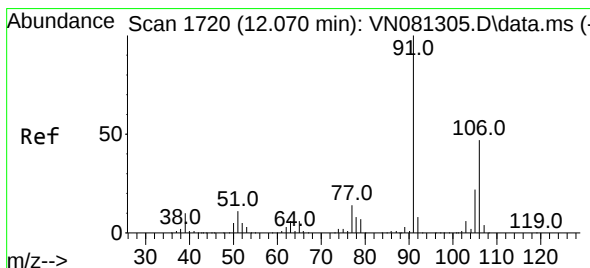
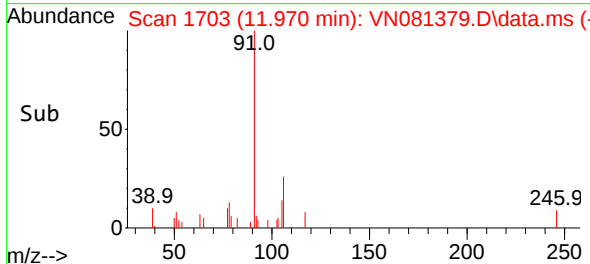
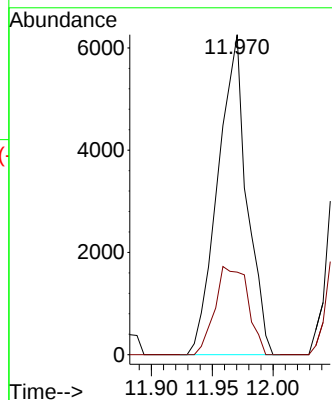
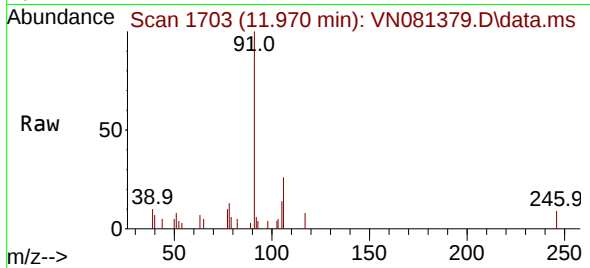




#67
Ethyl Benzene
Concen: 0.545 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN081379.D
Acq: 12 Mar 2024 17:50

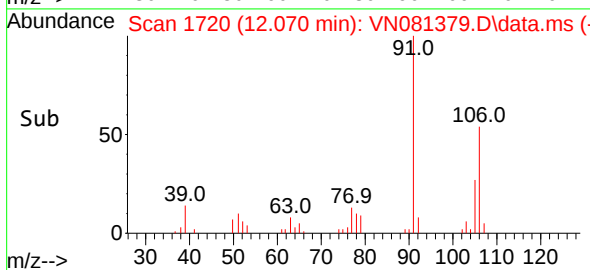
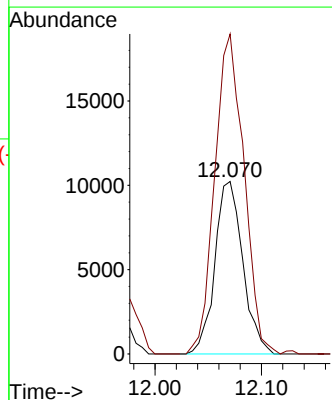
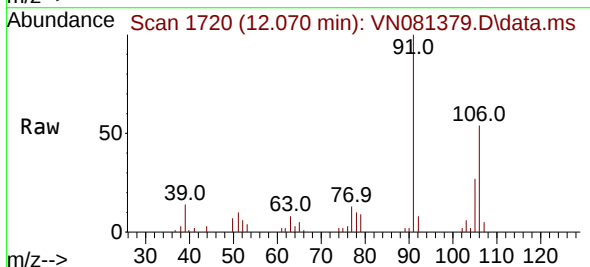
Instrument :
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ClientSampleId :
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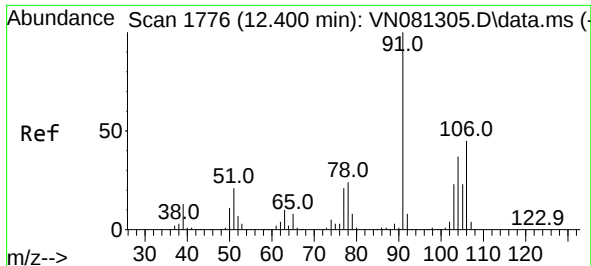
Tgt Ion: 91 Resp: 10392
Ion Ratio Lower Upper
91 100
106 25.8 23.8 35.6



#68
m/p-Xylenes
Concen: 2.589 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081379.D
Acq: 12 Mar 2024 17:50

Tgt Ion: 106 Resp: 18597
Ion Ratio Lower Upper
106 100
91 194.5 169.0 253.6

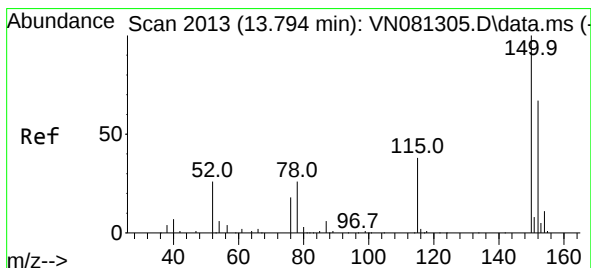
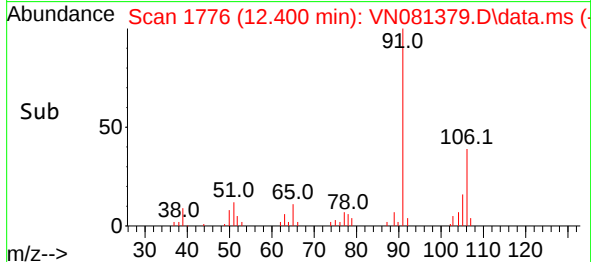
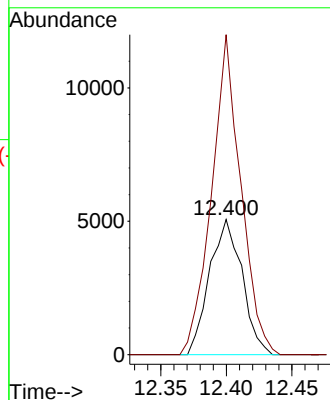
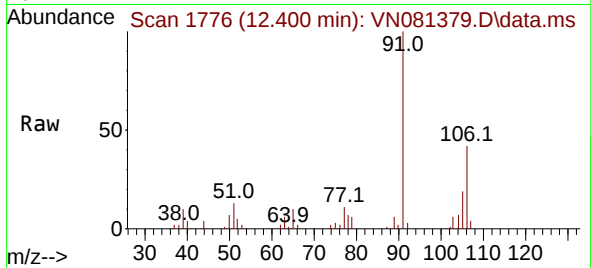




#69
o-Xylene
Concen: 1.258 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081379.D
Acq: 12 Mar 2024 17:50

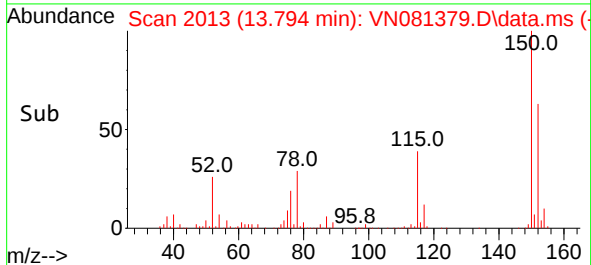
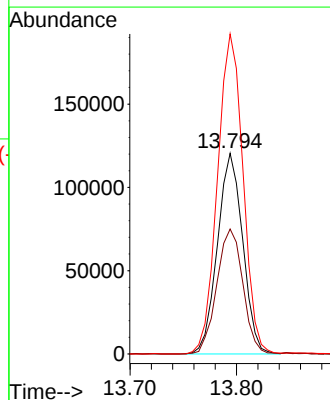
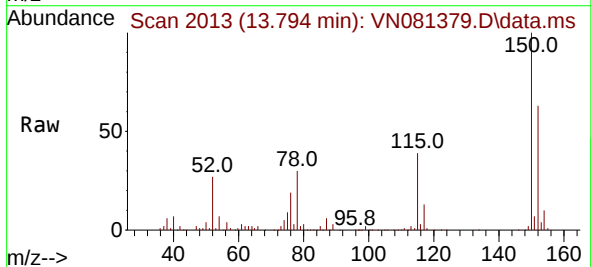
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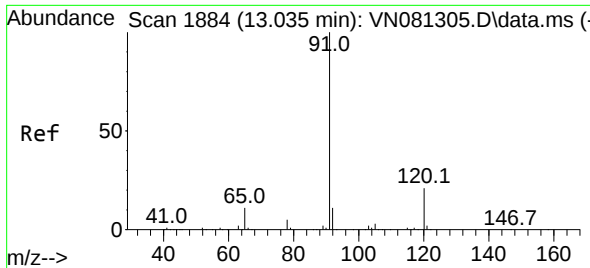
Tgt Ion:106 Resp: 8753
Ion Ratio Lower Upper
106 100
91 212.7 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081379.D
Acq: 12 Mar 2024 17:50

Tgt Ion:152 Resp: 198406
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 161.3 0.0 339.8

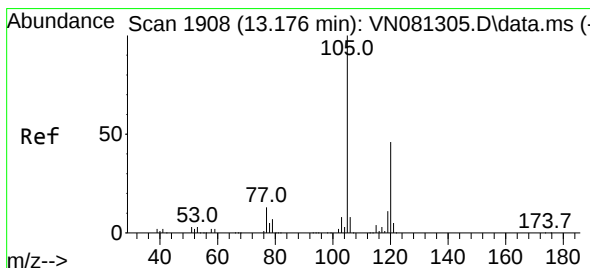
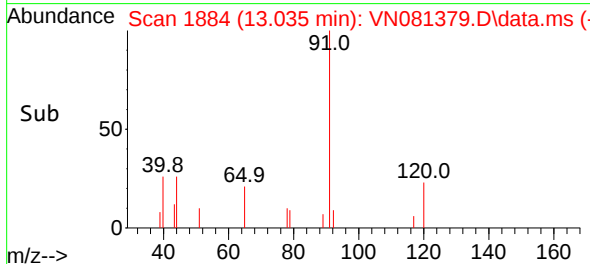
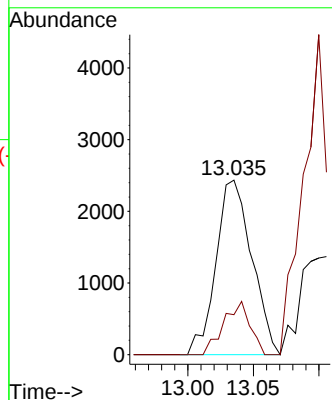
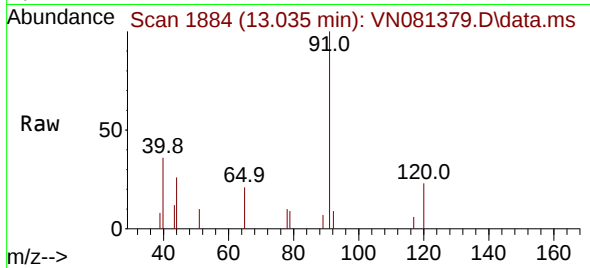




#78
n-propylbenzene
Concen: 0.244 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081379.D
Acq: 12 Mar 2024 17:50

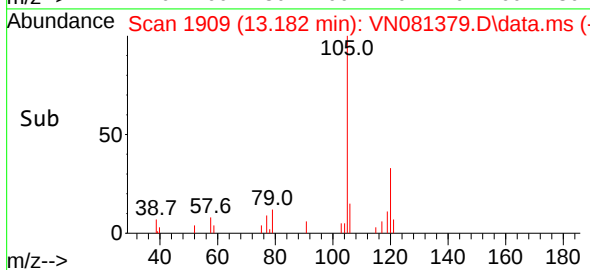
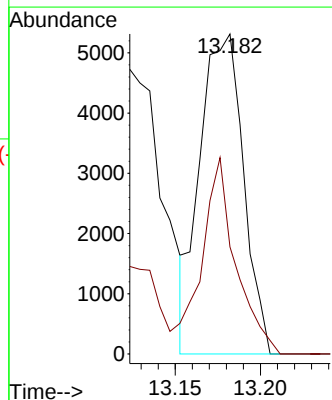
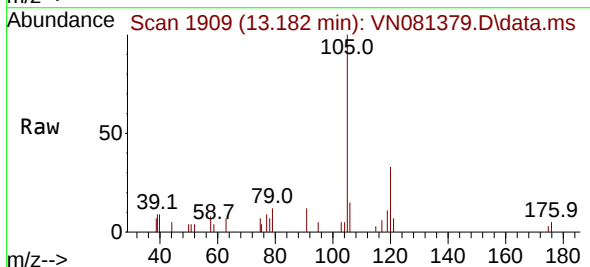
Instrument :
MSVOA_N
ClientSampleId :
1344

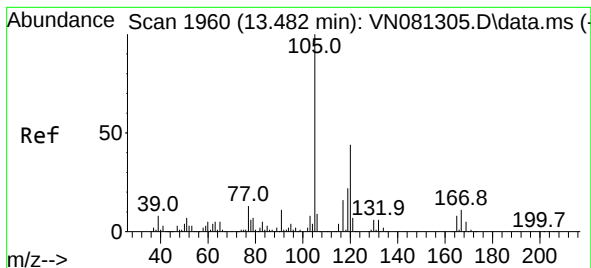
Tgt Ion: 91 Resp: 4624
Ion Ratio Lower Upper
91 100
120 22.5 10.3 30.9



#80
1,3,5-Trimethylbenzene
Concen: 0.709 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN081379.D
Acq: 12 Mar 2024 17:50

Tgt Ion:105 Resp: 9392
Ion Ratio Lower Upper
105 100
120 48.3 23.0 69.0





#84

1,2,4-Trimethylbenzene

Concen: 2.417 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN081379.D

Acq: 12 Mar 2024 17:50

Instrument :

MSVOA_N

ClientSampleId :

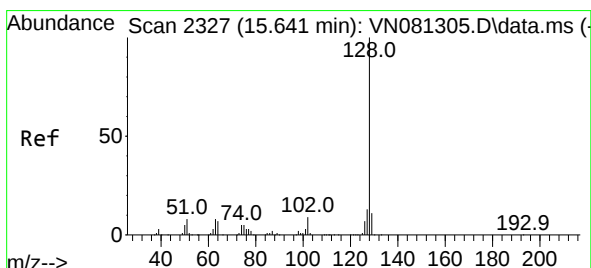
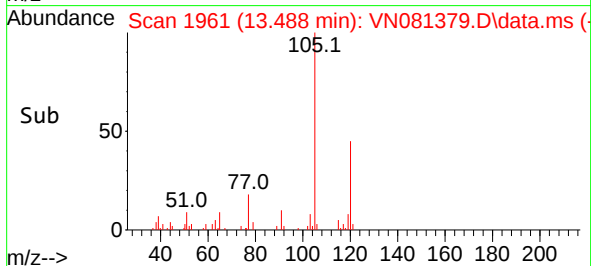
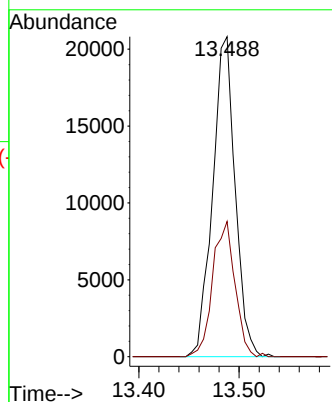
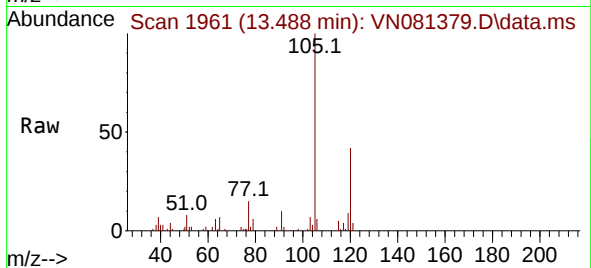
1344

Tgt Ion:105 Resp: 32438

Ion Ratio Lower Upper

105 100

120 41.9 20.9 62.7



#95

Naphthalene

Concen: 1.328 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN081379.D

Acq: 12 Mar 2024 17:50

Tgt Ion:128 Resp: 17378

Ion Ratio Lower Upper

128 100

127 15.8 10.0 15.0#

129 11.7 8.7 13.1

