

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032224\
 Data File : VN081546.D
 Acq On : 22 Mar 2024 14:26
 Operator : JC\MD
 Sample : P1798-13DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-13DL

Quant Time: Mar 23 00:14:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

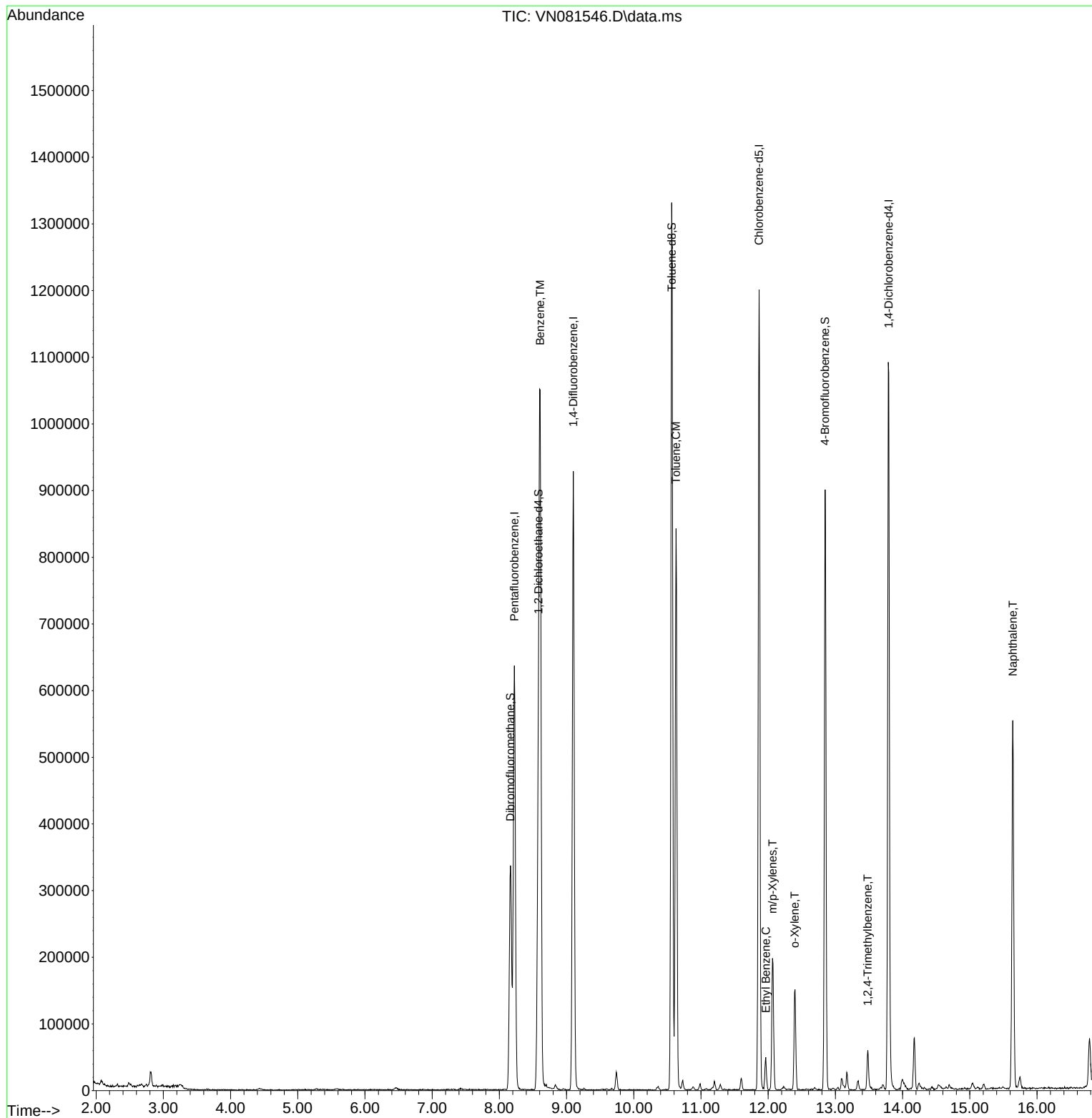
Internal Standards						
1) Pentafluorobenzene	8.224	168	450086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	806657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	707644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	297885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	285614	49.760	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.520%
35) Dibromofluoromethane	8.165	113	245737	48.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.540%
50) Toluene-d8	10.565	98	945392	51.372	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.847	95	310737	47.921	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.840%
Target Compounds						
					Qvalue	
40) Benzene	8.606	78	1051735	41.990	ug/l	96
52) Toluene	10.629	92	371062	23.308	ug/l	99
67) Ethyl Benzene	11.965	91	31660	1.090	ug/l #	84
68) m/p-Xylenes	12.065	106	66970	6.148	ug/l	92
69) o-Xylene	12.394	106	44175	4.131	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	33326	1.581	ug/l	98
95) Naphthalene	15.641	128	513290	24.698	ug/l	99

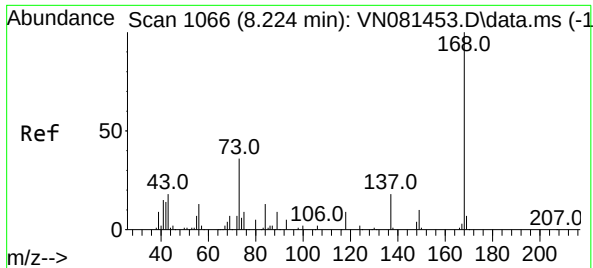
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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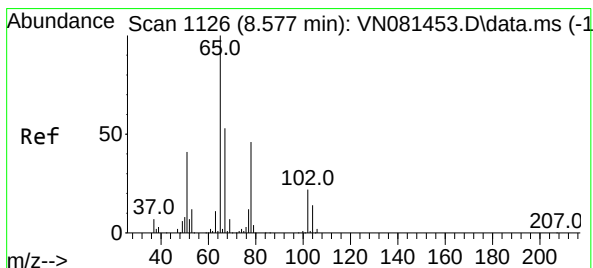
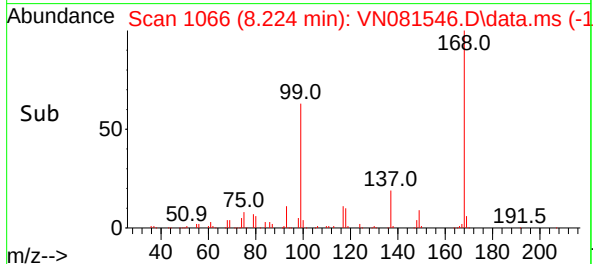
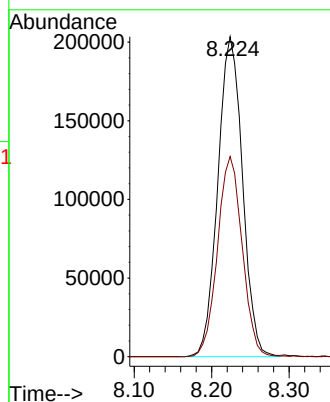
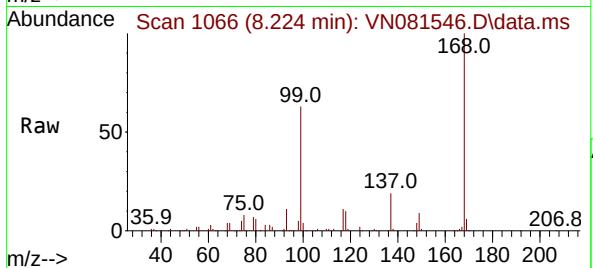




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081546.D
Acq: 22 Mar 2024 14:26

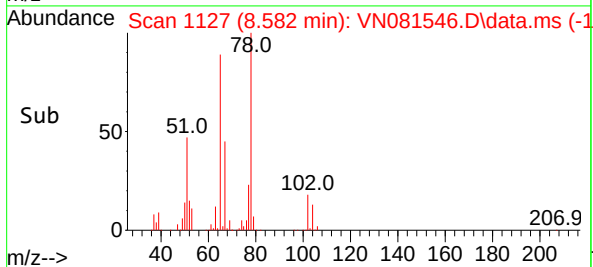
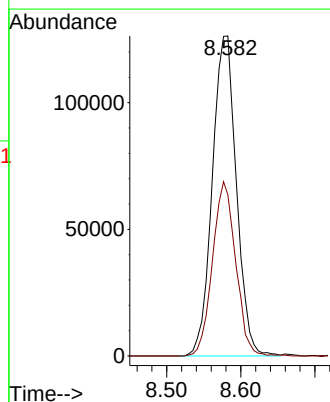
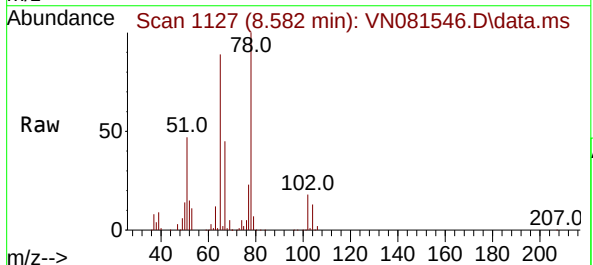
Instrument :
MSVOA_N
ClientSampleId :
S-13DL

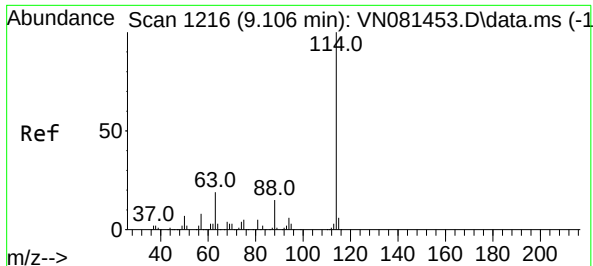
Tgt Ion:168 Resp: 450086
Ion Ratio Lower Upper
168 100
99 62.5 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 49.760 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081546.D
Acq: 22 Mar 2024 14:26

Tgt Ion: 65 Resp: 285614
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081546.D

Acq: 22 Mar 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

S-13DL

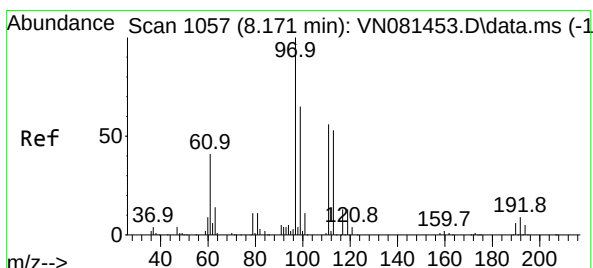
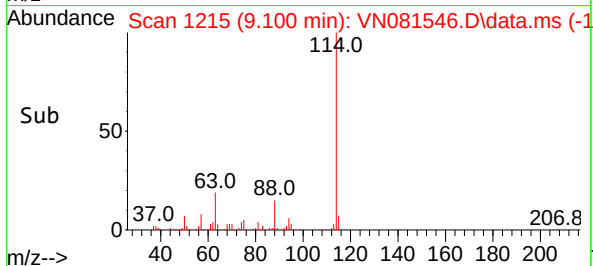
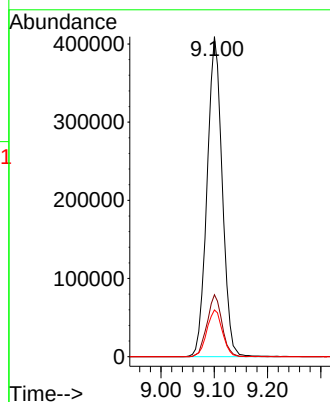
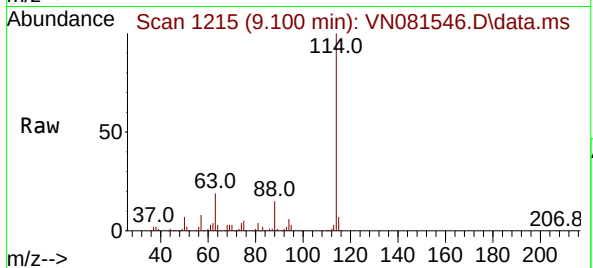
Tgt Ion:114 Resp: 806657

Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 14.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.271 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081546.D

Acq: 22 Mar 2024 14:26

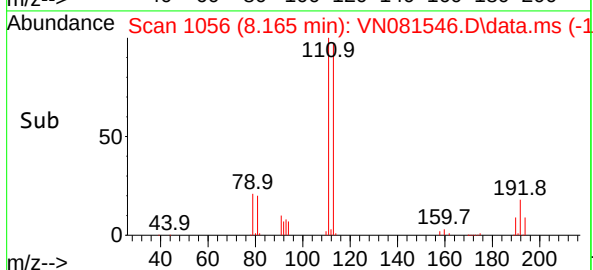
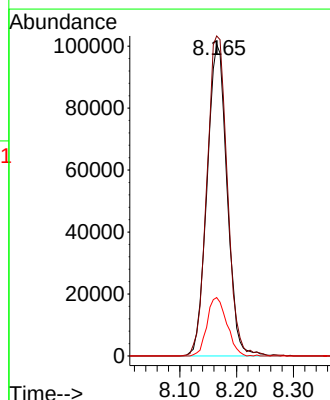
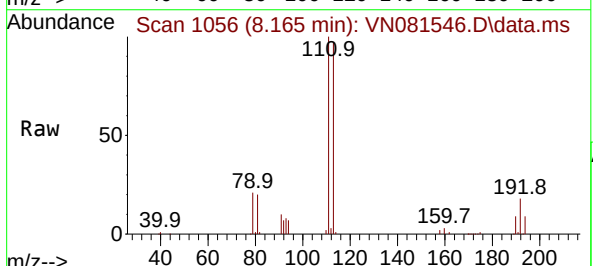
Tgt Ion:113 Resp: 245737

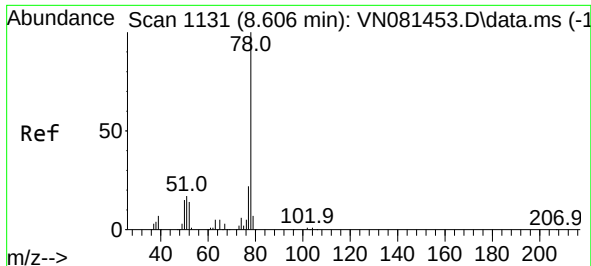
Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.4

192 18.5 12.5 18.7

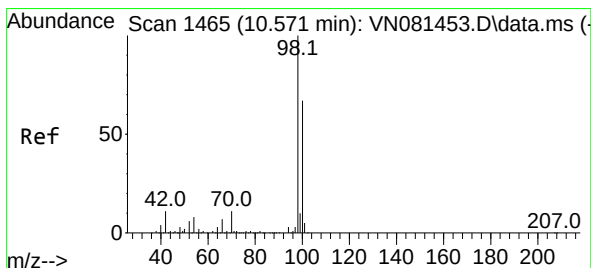
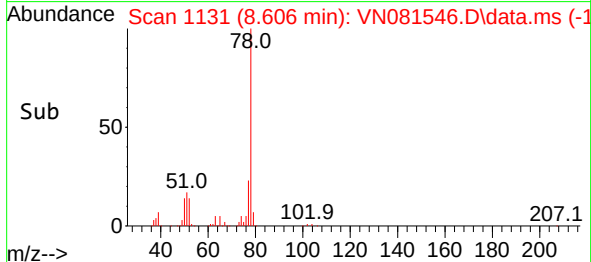
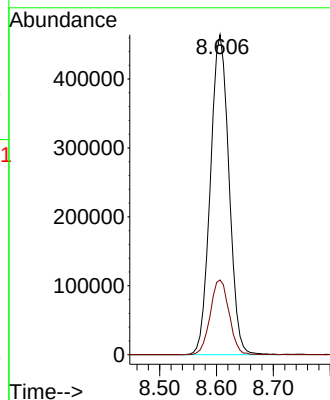
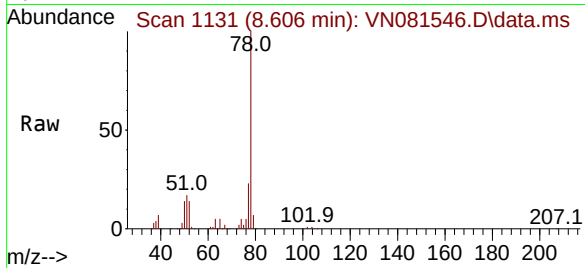




#40
Benzene
Concen: 41.990 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081546.D
Acq: 22 Mar 2024 14:26

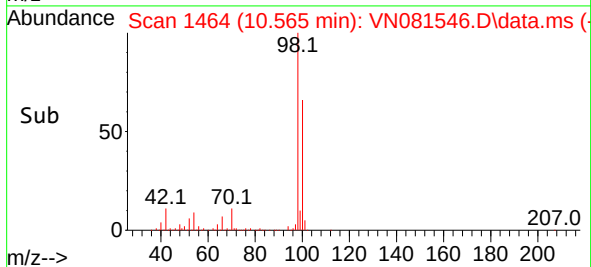
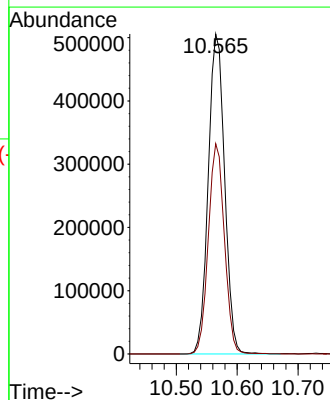
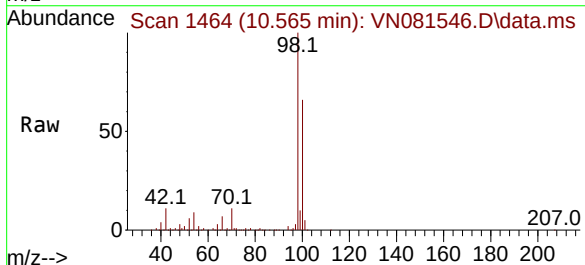
Instrument :
MSVOA_N
ClientSampleId :
S-13DL

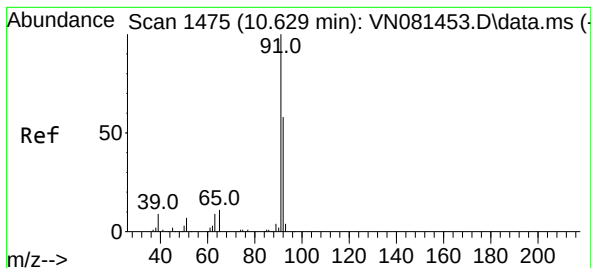
Tgt Ion: 78 Resp: 1051735
Ion Ratio Lower Upper
78 100
77 23.3 20.4 30.6



#50
Toluene-d8
Concen: 51.372 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081546.D
Acq: 22 Mar 2024 14:26

Tgt Ion: 98 Resp: 945392
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0





#52

Toluene

Concen: 23.308 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081546.D

Acq: 22 Mar 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

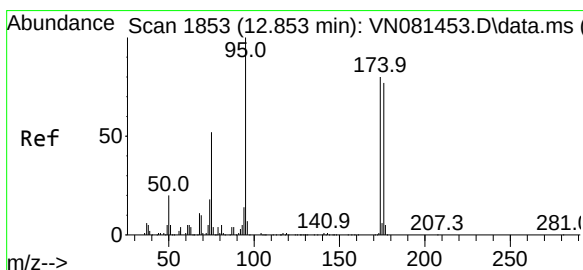
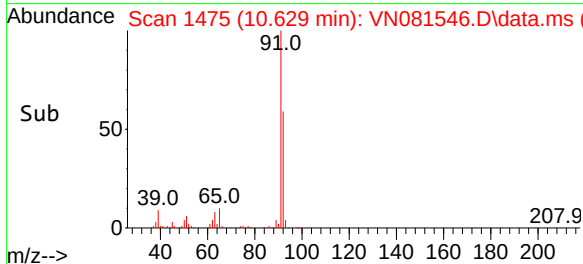
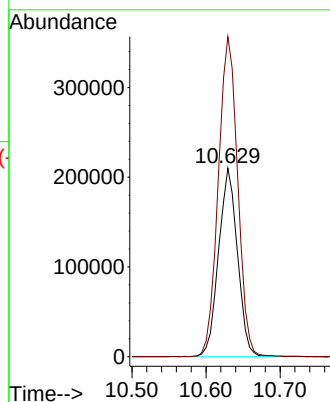
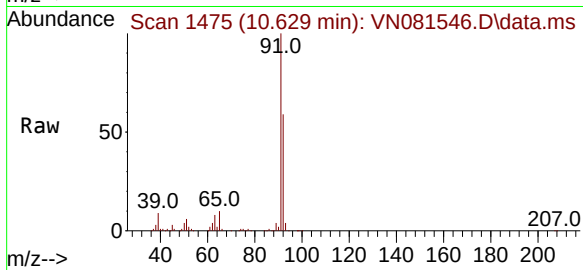
S-13DL

Tgt Ion: 92 Resp: 371062

Ion Ratio Lower Upper

92 100

91 175.0 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 47.921 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081546.D

Acq: 22 Mar 2024 14:26

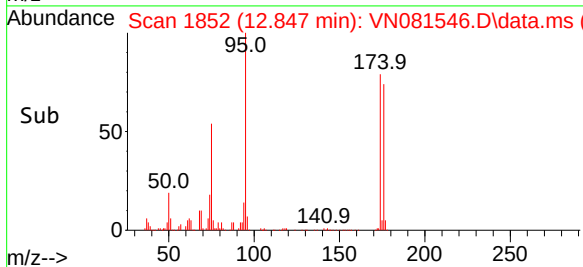
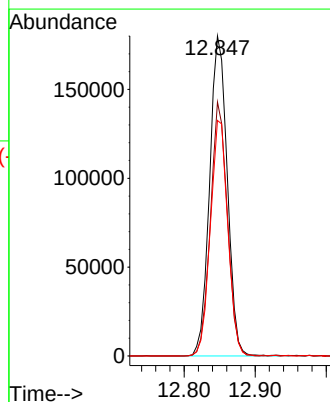
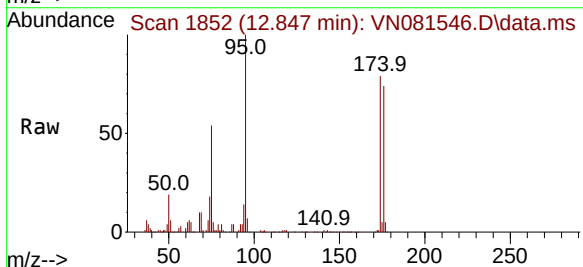
Tgt Ion: 95 Resp: 310737

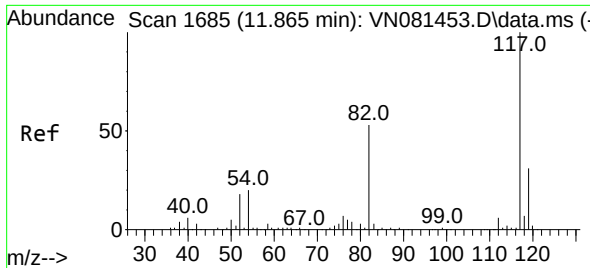
Ion Ratio Lower Upper

95 100

174 76.1 0.0 120.4

176 72.8 0.0 121.0

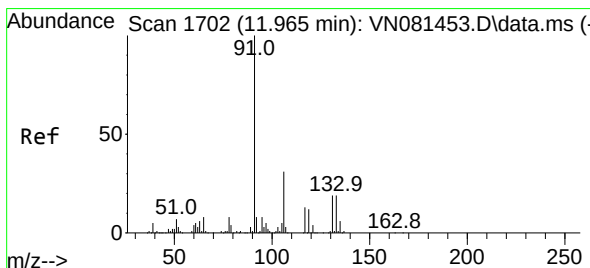
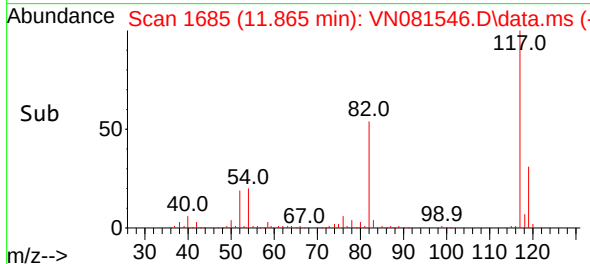
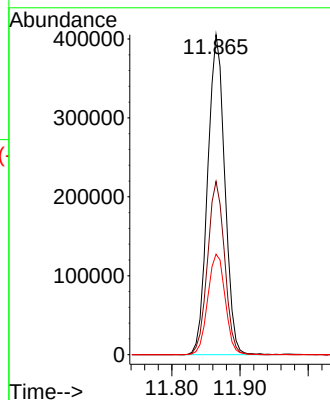
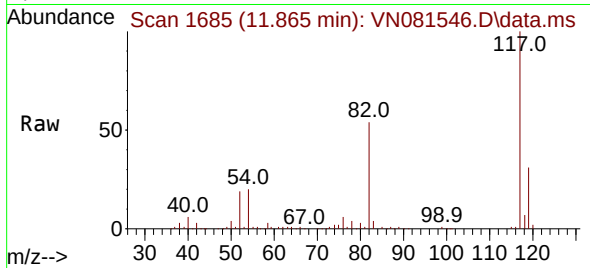




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081546.D
Acq: 22 Mar 2024 14:26

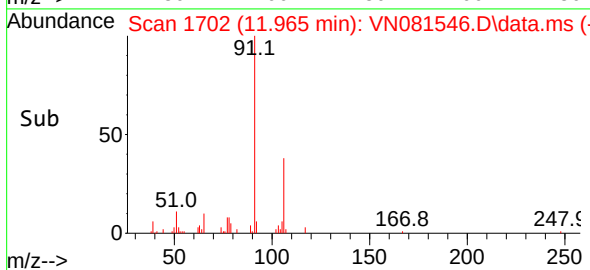
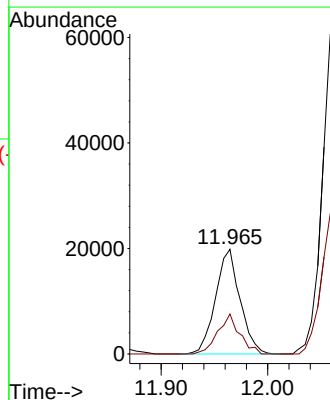
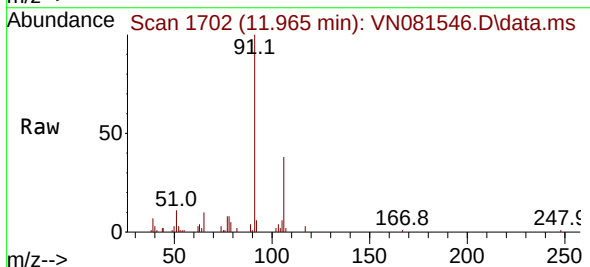
Instrument :
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S-13DL

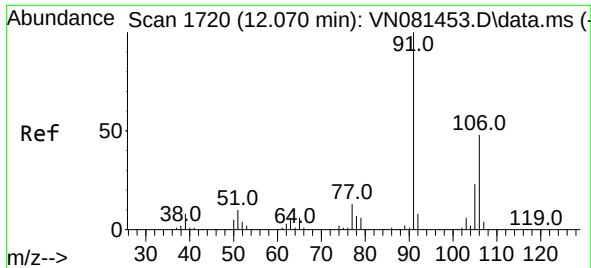
Tgt Ion:117 Resp: 707644
Ion Ratio Lower Upper
117 100
82 54.1 52.7 79.1
119 31.4 25.3 37.9



#67
Ethyl Benzene
Concen: 1.090 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081546.D
Acq: 22 Mar 2024 14:26

Tgt Ion: 91 Resp: 31660
Ion Ratio Lower Upper
91 100
106 38.3 23.8 35.6#

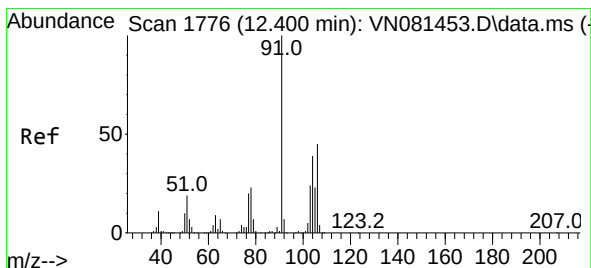
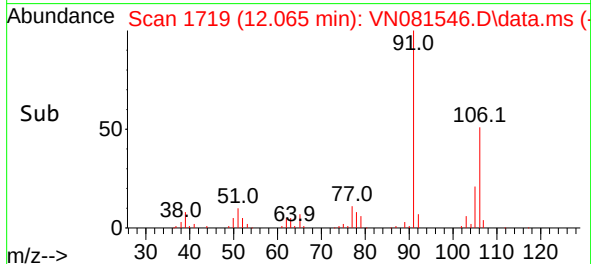
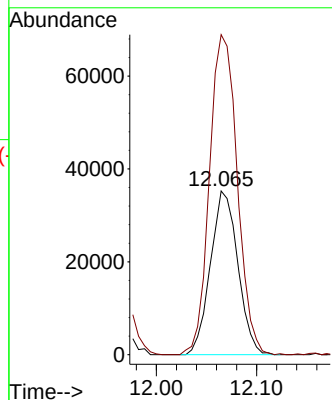
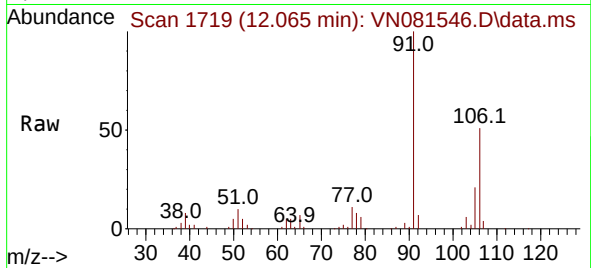




#68
m/p-Xylenes
Concen: 6.148 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081546.D
Acq: 22 Mar 2024 14:26

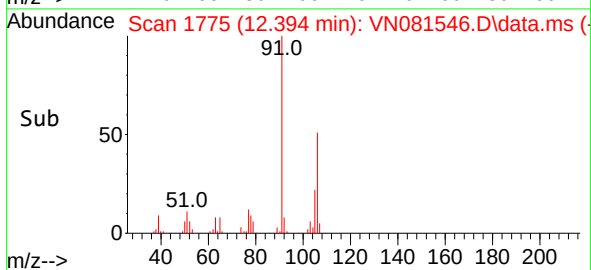
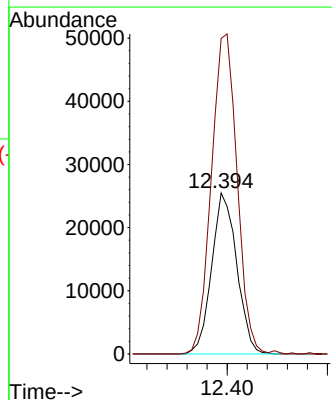
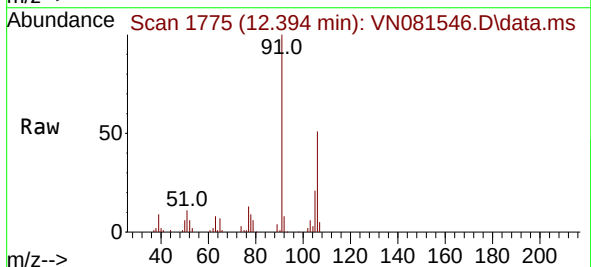
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ClientSampleId :
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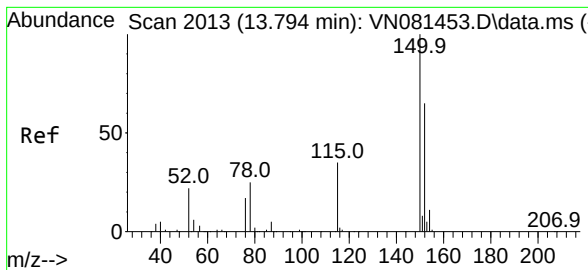
Tgt Ion:106 Resp: 66970
Ion Ratio Lower Upper
106 100
91 198.4 169.0 253.6



#69
o-Xylene
Concen: 4.131 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081546.D
Acq: 22 Mar 2024 14:26

Tgt Ion:106 Resp: 44175
Ion Ratio Lower Upper
106 100
91 204.4 112.1 336.3

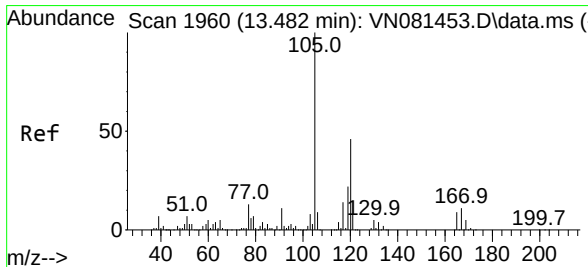
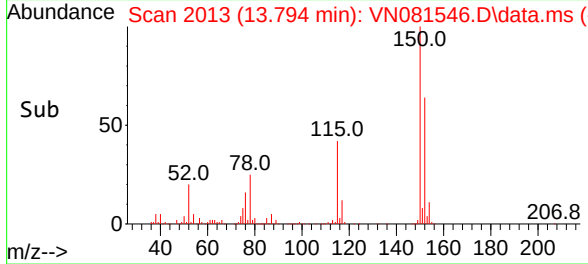
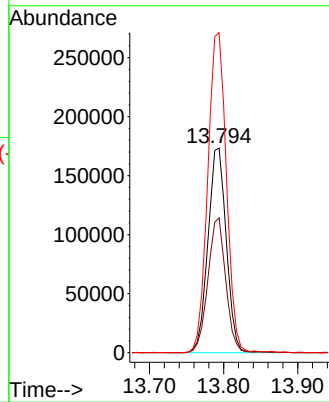
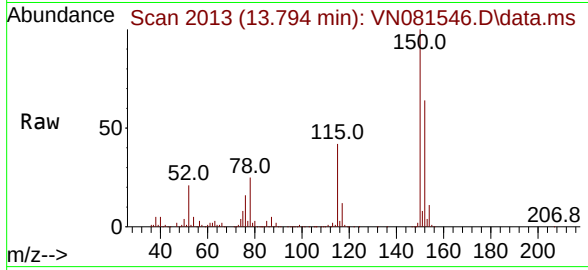




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081546.D
 Acq: 22 Mar 2024 14:26

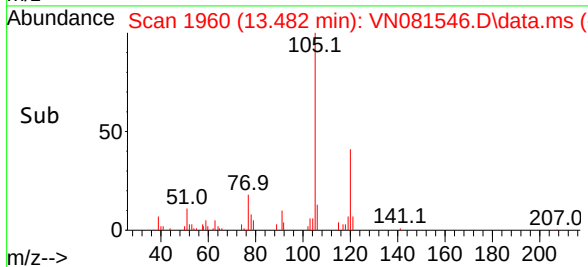
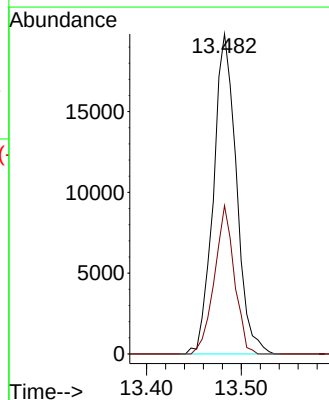
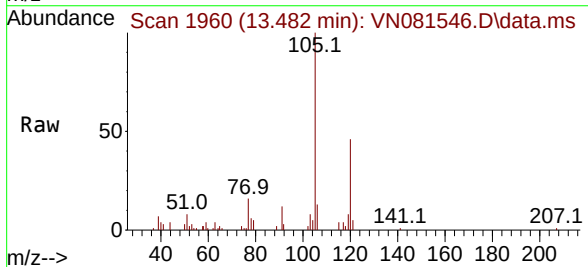
Instrument :
 MSVOA_N
 ClientSampleId :
 S-13DL

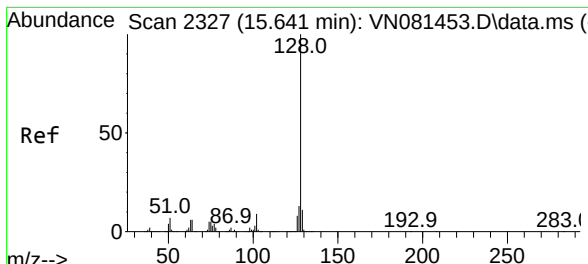
Tgt Ion:152 Resp: 297885
 Ion Ratio Lower Upper
 152 100
 115 64.2 32.3 96.8
 150 159.0 0.0 339.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.581 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081546.D
 Acq: 22 Mar 2024 14:26

Tgt Ion:105 Resp: 33326
 Ion Ratio Lower Upper
 105 100
 120 40.3 20.9 62.7





#95
 Naphthalene
 Concen: 24.698 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081546.D
 Acq: 22 Mar 2024 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 S-13DL

Tgt Ion:	128	Resp:	513290
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	10.5	8.7	13.1

