

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081532.D
 Acq On : 21 Mar 2024 20:10
 Operator : JC\MD
 Sample : P1798-15 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-15

Quant Time: Mar 22 05:13:31 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)

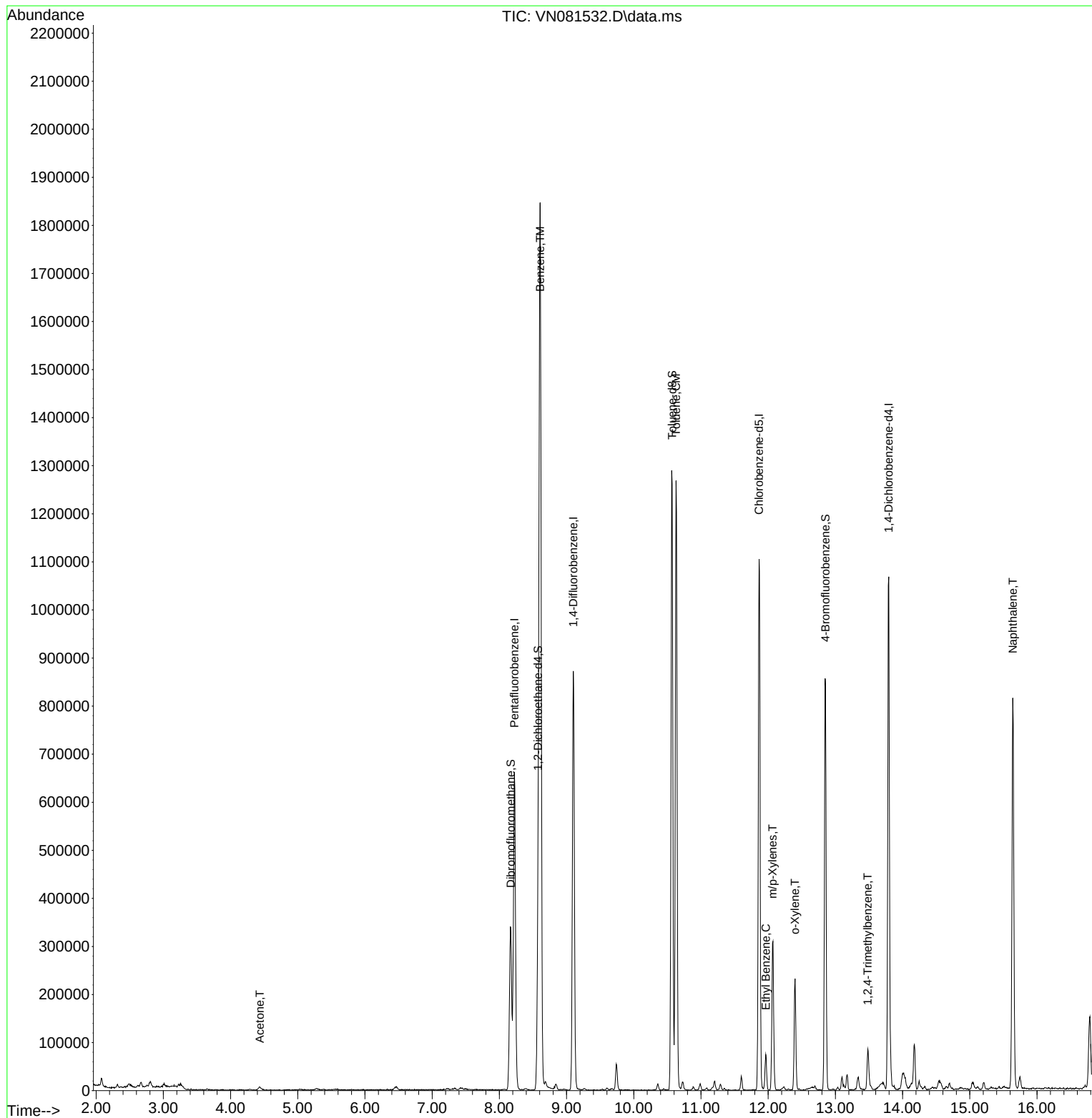
Internal Standards						
1) Pentafluorobenzene	8.224	168	465249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	788127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	689855	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	285574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	295810	49.857	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.720%
35) Dibromofluoromethane	8.171	113	244506	49.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.320%
50) Toluene-d8	10.570	98	918260	51.071	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.140%
62) 4-Bromofluorobenzene	12.853	95	302957	47.819	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.640%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	12725	6.636	ug/l	94
40) Benzene	8.606	78	1851595	75.663	ug/l	96
52) Toluene	10.629	92	567457	36.483	ug/l	99
67) Ethyl Benzene	11.965	91	51914	1.833	ug/l	93
68) m/p-Xylenes	12.065	106	101736	9.580	ug/l	94
69) o-Xylene	12.400	106	62372	5.982	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	53329	2.639	ug/l	95
95) Naphthalene	15.641	128	762138	38.253	ug/l	99

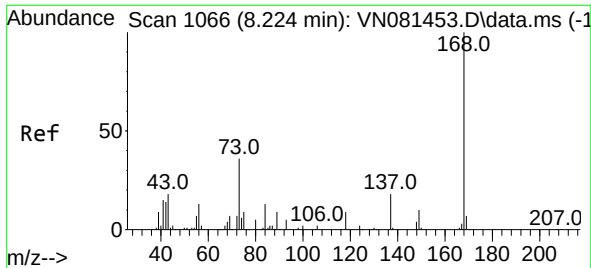
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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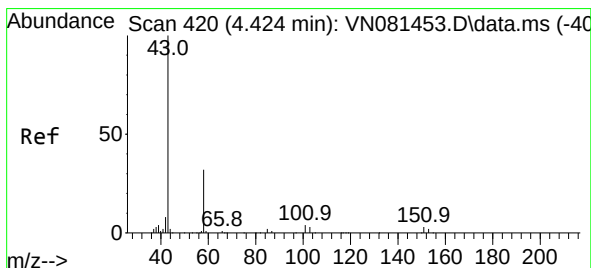
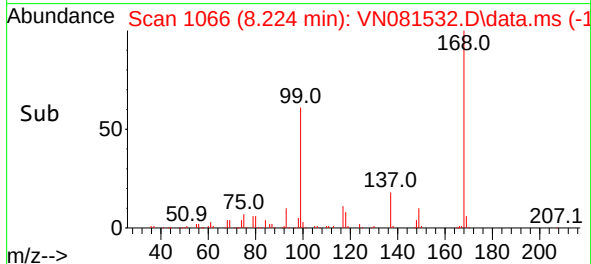
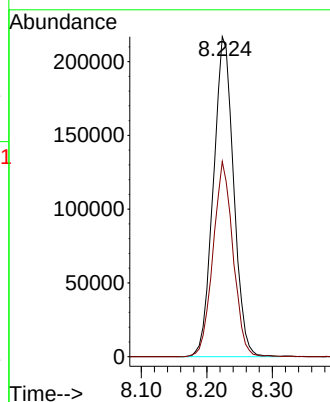
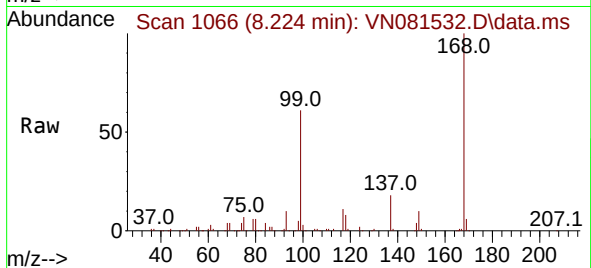




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081532.D
Acq: 21 Mar 2024 20:10

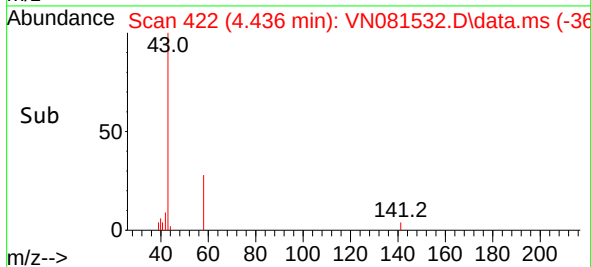
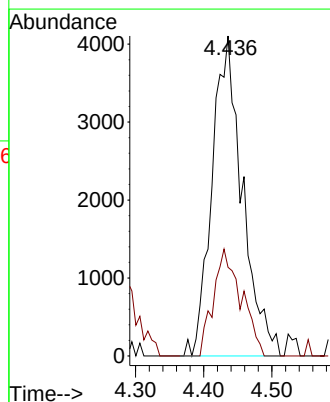
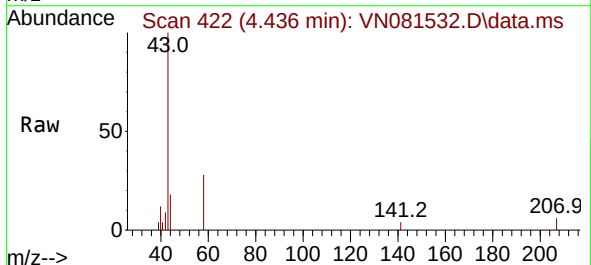
Instrument :
MSVOA_N
ClientSampleId :
S-15

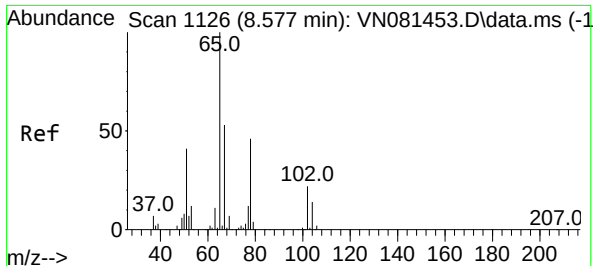
Tgt Ion:168 Resp: 465249
Ion Ratio Lower Upper
168 100
99 61.0 59.9 89.9



#16
Acetone
Concen: 6.636 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081532.D
Acq: 21 Mar 2024 20:10

Tgt Ion: 43 Resp: 12725
Ion Ratio Lower Upper
43 100
58 27.7 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 49.857 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081532.D

Acq: 21 Mar 2024 20:10

Instrument :

MSVOA_N

ClientSampleId :

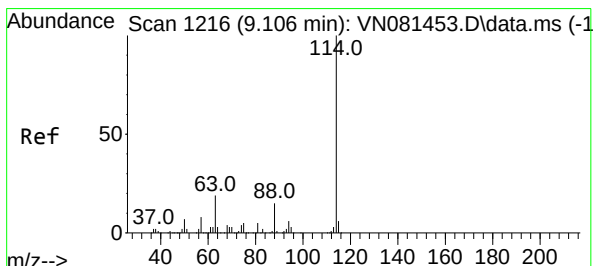
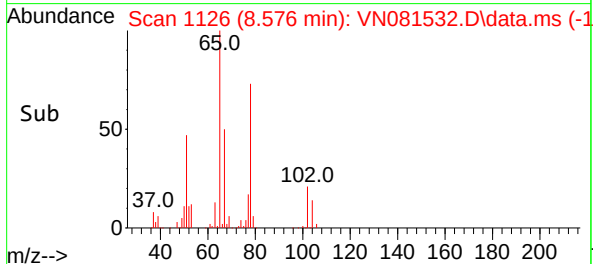
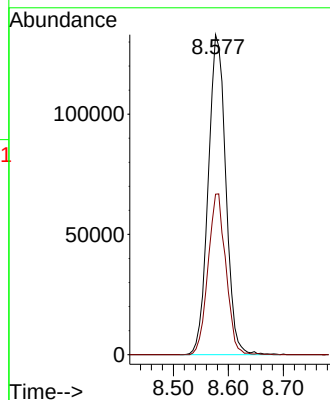
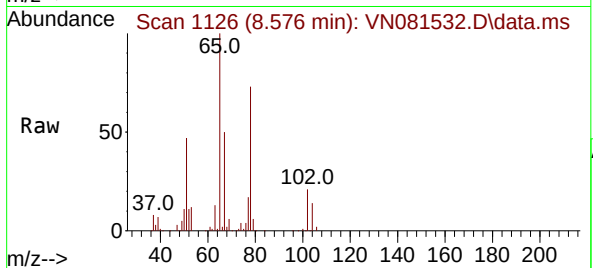
S-15

Tgt Ion: 65 Resp: 295810

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081532.D

Acq: 21 Mar 2024 20:10

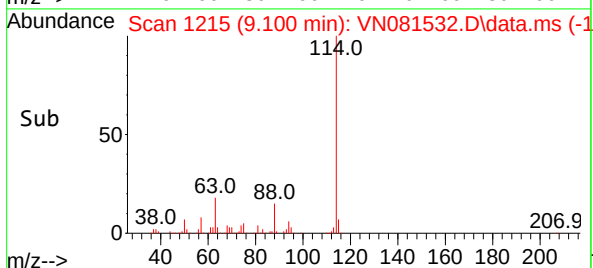
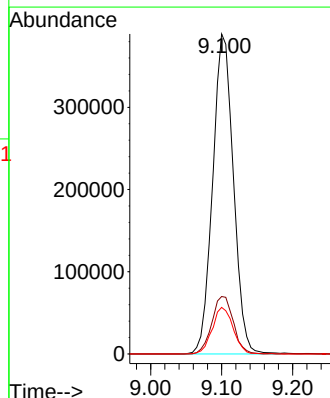
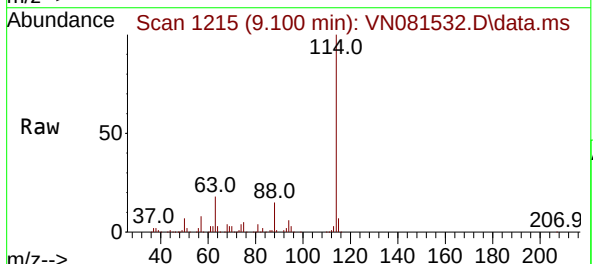
Tgt Ion: 114 Resp: 788127

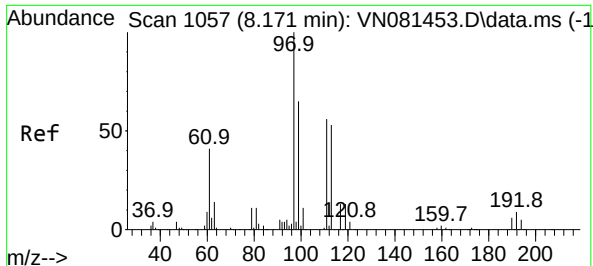
Ion Ratio Lower Upper

114 100

63 17.9 0.0 48.0

88 14.5 0.0 34.8

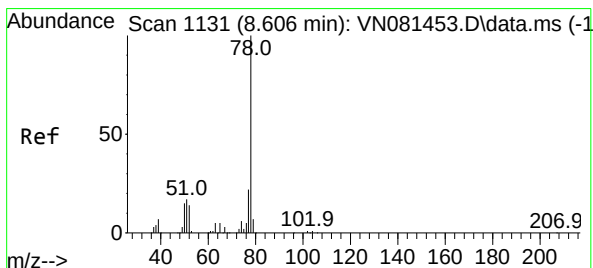
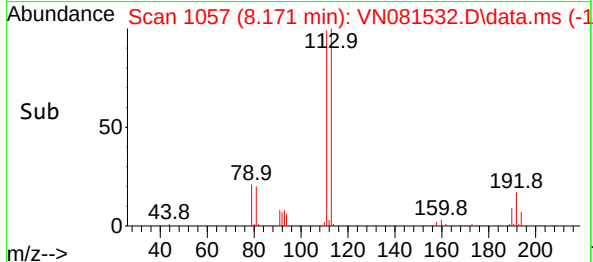
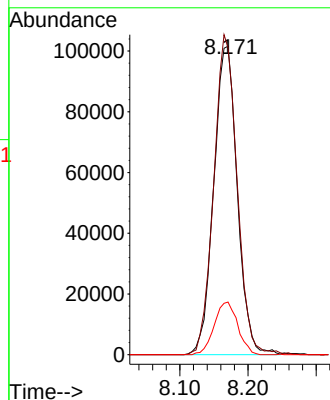
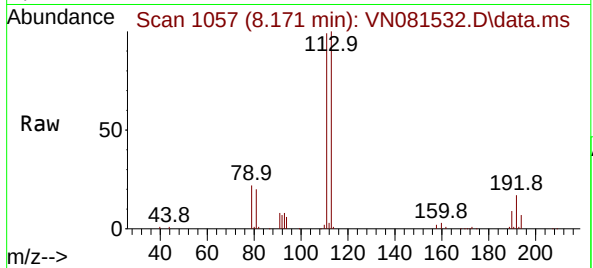




#35
Dibromofluoromethane
Concen: 49.158 ug/l
RT: 8.171 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN081532.D
Acq: 21 Mar 2024 20:10

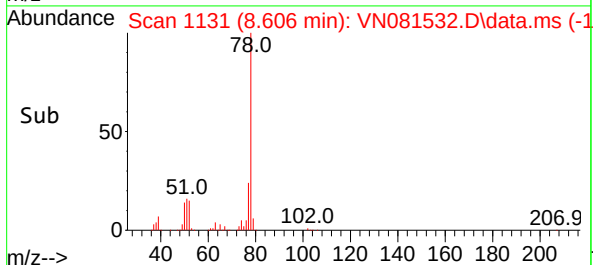
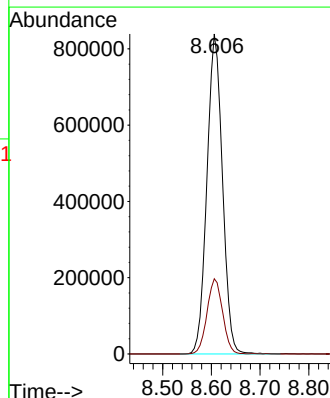
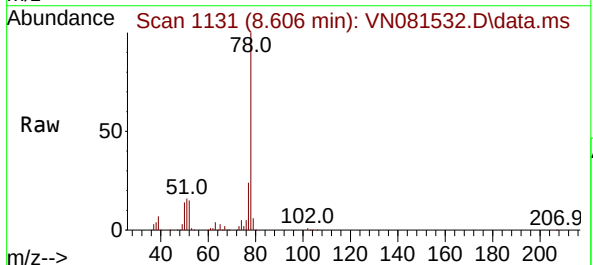
Instrument :
MSVOA_N
ClientSampleId :
S-15

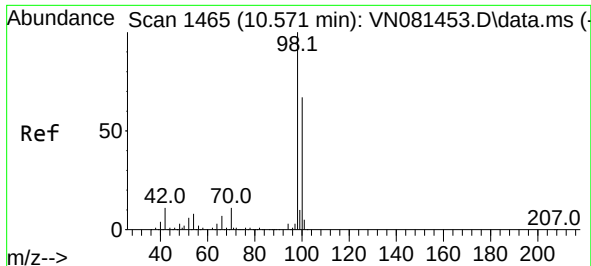
Tgt Ion:113 Resp: 244506
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.0 12.5 18.7



#40
Benzene
Concen: 75.663 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081532.D
Acq: 21 Mar 2024 20:10

Tgt Ion: 78 Resp: 1851595
Ion Ratio Lower Upper
78 100
77 23.5 20.4 30.6

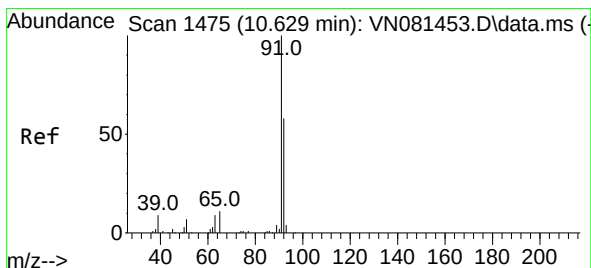
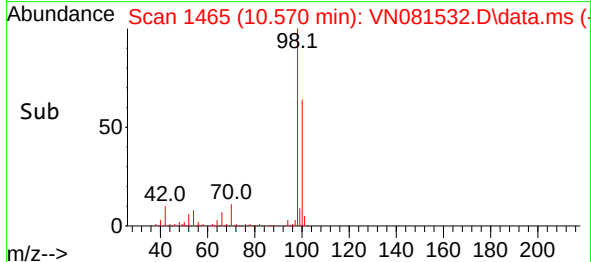
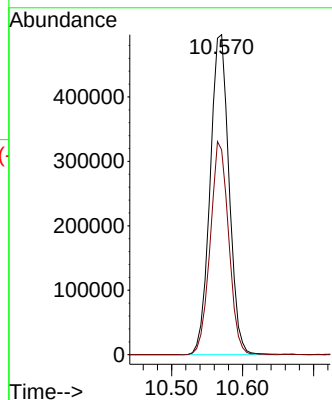
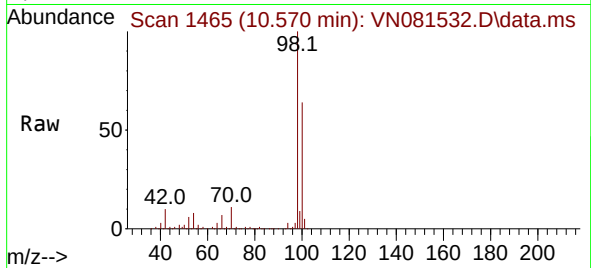




#50
Toluene-d8
Concen: 51.071 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081532.D
Acq: 21 Mar 2024 20:10

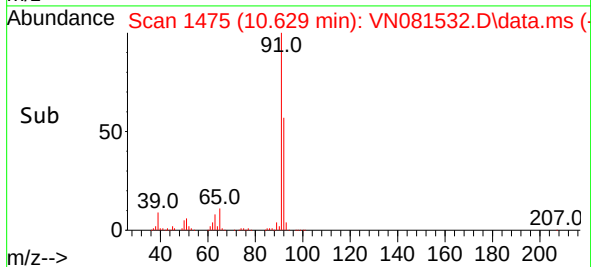
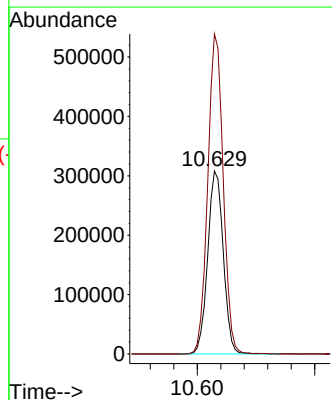
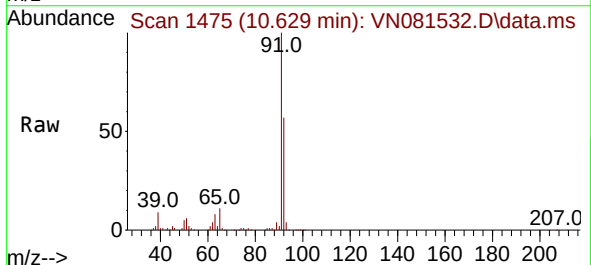
Instrument :
MSVOA_N
ClientSampleId :
S-15

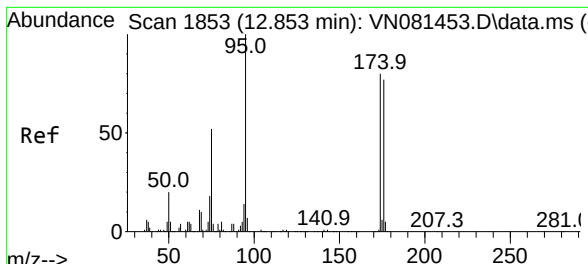
Tgt Ion: 98 Resp: 918260
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#52
Toluene
Concen: 36.483 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081532.D
Acq: 21 Mar 2024 20:10

Tgt Ion: 92 Resp: 567457
Ion Ratio Lower Upper
92 100
91 173.3 139.4 209.0

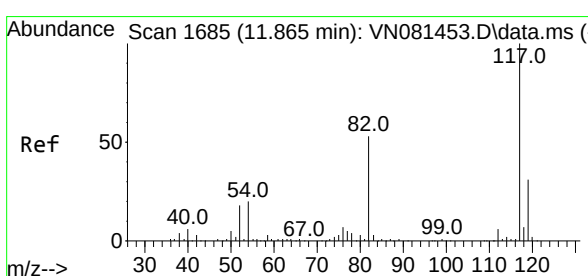
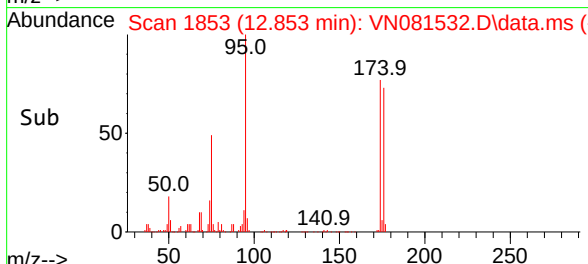
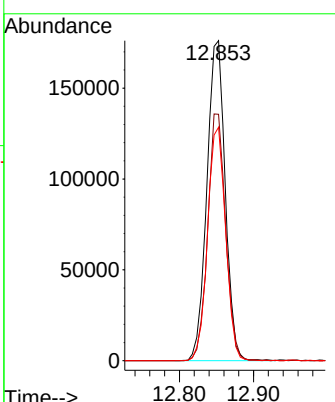
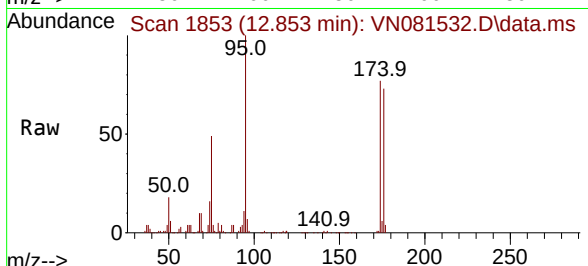




#62
 4-Bromofluorobenzene
 Concen: 47.819 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN081532.D
 Acq: 21 Mar 2024 20:10

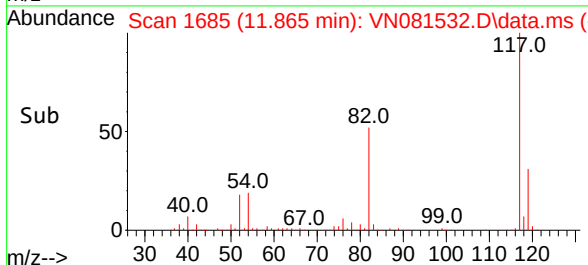
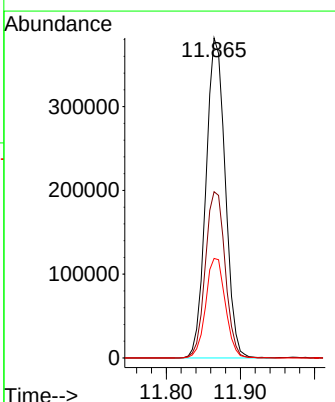
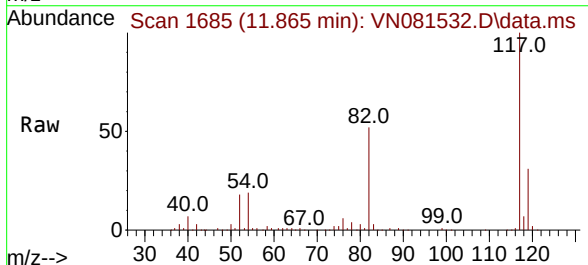
Instrument : MSVOA_N
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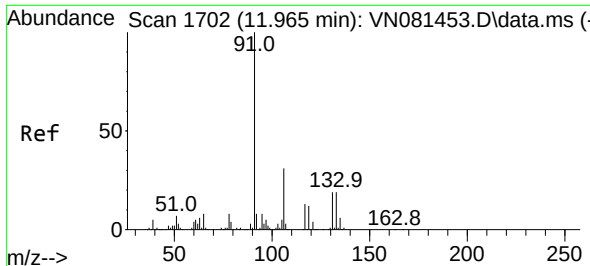
Tgt Ion:	95	Resp:	302957
Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	120.4
176	71.8	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN081532.D
 Acq: 21 Mar 2024 20:10

Tgt Ion:	117	Resp:	689855
Ion	Ratio	Lower	Upper
117	100		
82	51.9	52.7	79.1
119	31.1	25.3	37.9

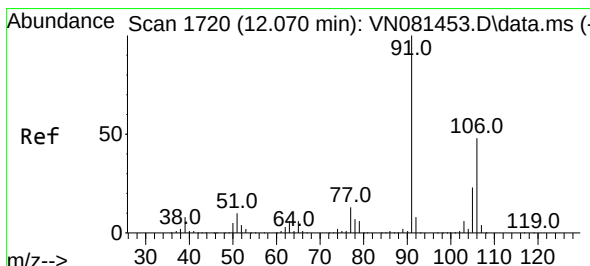
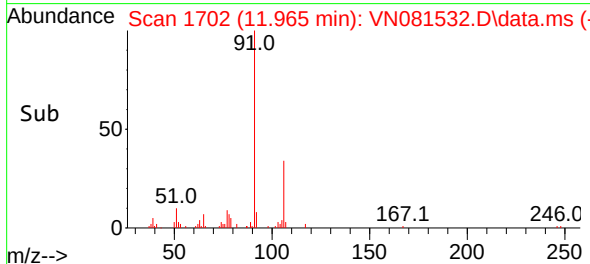
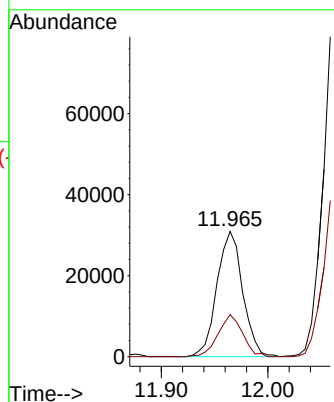
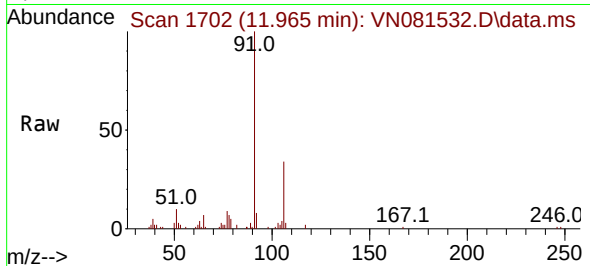




#67
Ethyl Benzene
Concen: 1.833 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN081532.D
Acq: 21 Mar 2024 20:10

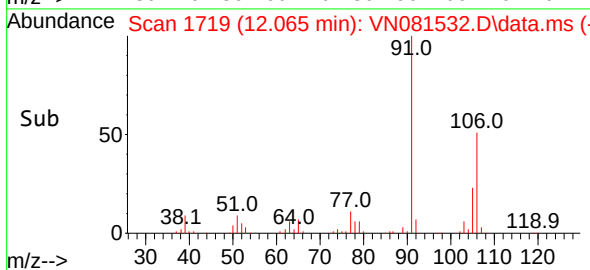
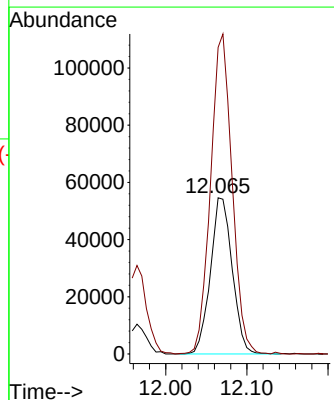
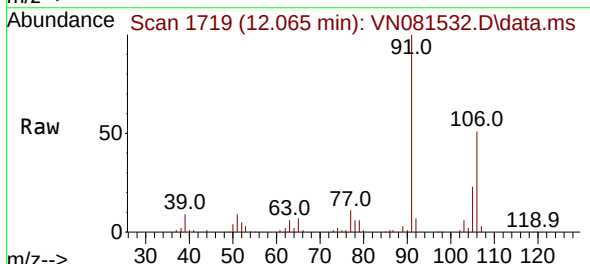
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MSVOA_N
ClientSampleId :
S-15

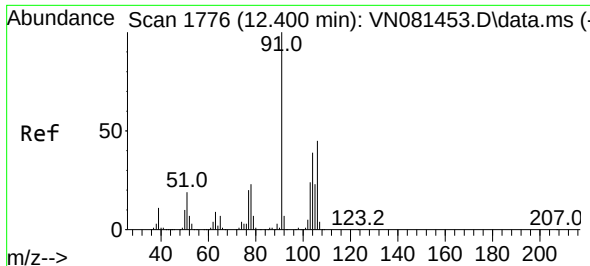
Tgt Ion: 91 Resp: 51914
Ion Ratio Lower Upper
91 100
106 33.6 23.8 35.6



#68
m/p-Xylenes
Concen: 9.580 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081532.D
Acq: 21 Mar 2024 20:10

Tgt Ion: 106 Resp: 101736
Ion Ratio Lower Upper
106 100
91 202.1 169.0 253.6

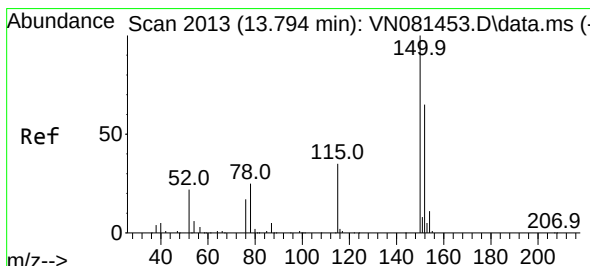
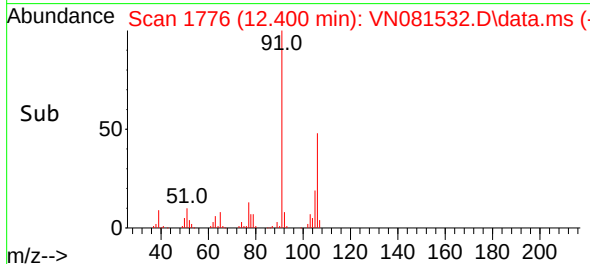
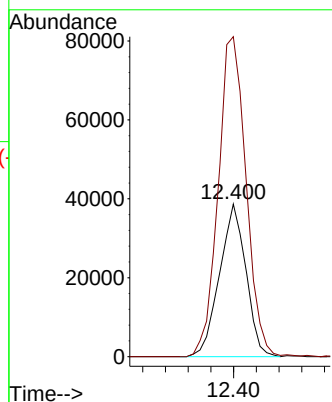
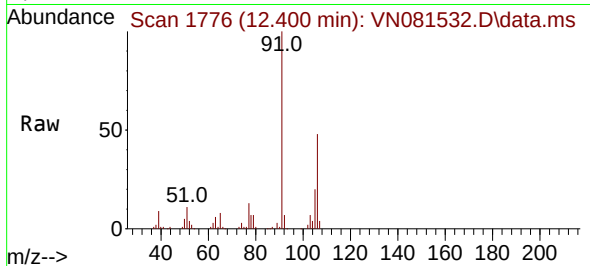




#69
o-Xylene
Concen: 5.982 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081532.D
Acq: 21 Mar 2024 20:10

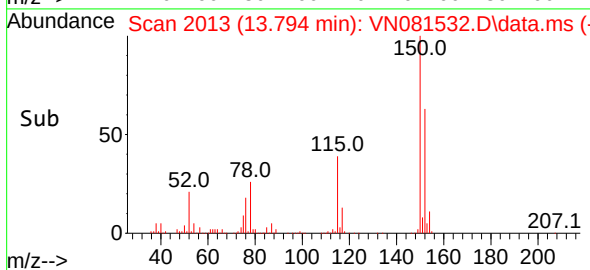
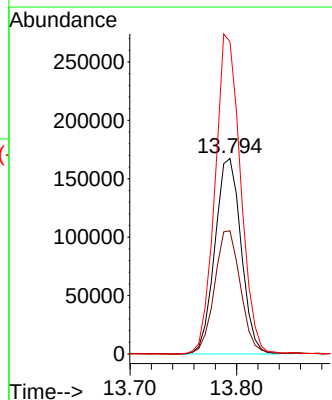
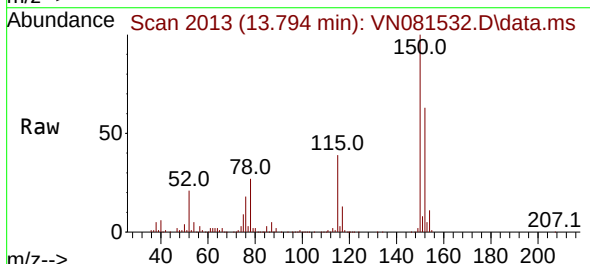
Instrument :
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ClientSampleId :
S-15

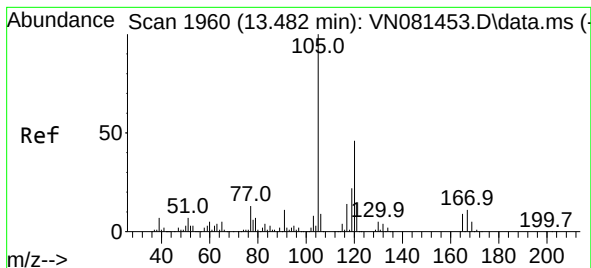
Tgt Ion:106 Resp: 62372
Ion Ratio Lower Upper
106 100
91 221.8 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VN081532.D
Acq: 21 Mar 2024 20:10

Tgt Ion:152 Resp: 285574
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 160.1 0.0 339.8





#84

1,2,4-Trimethylbenzene

Concen: 2.639 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081532.D

Acq: 21 Mar 2024 20:10

Instrument :

MSVOA_N

ClientSampleId :

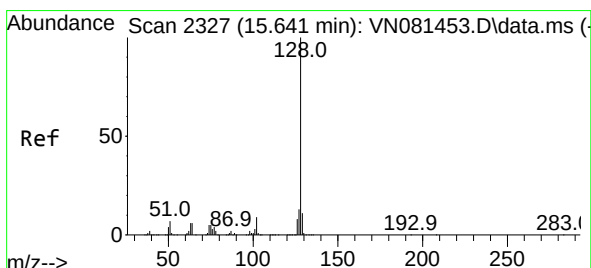
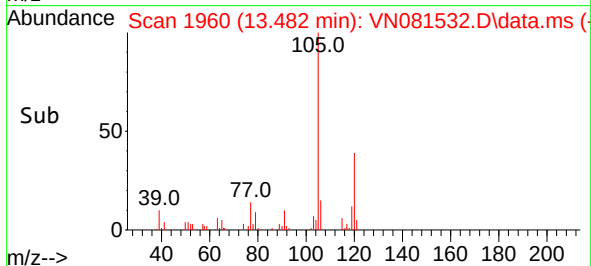
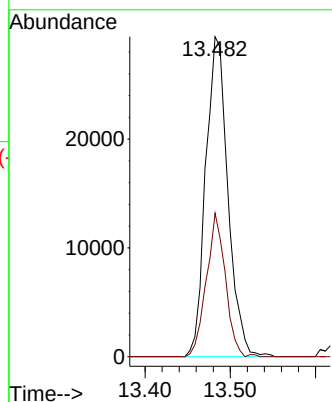
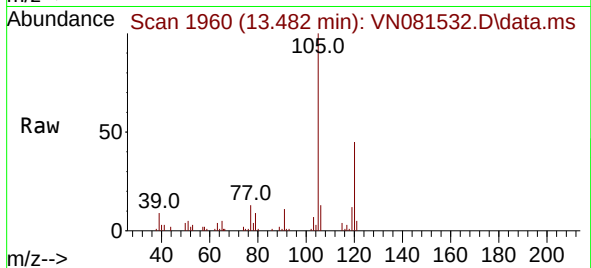
S-15

Tgt Ion:105 Resp: 53329

Ion Ratio Lower Upper

105 100

120 38.4 20.9 62.7



#95

Naphthalene

Concen: 38.253 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081532.D

Acq: 21 Mar 2024 20:10

Tgt Ion:128 Resp: 762138

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 10.4 8.7 13.1

