

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083484.D
 Acq On : 26 Aug 2024 15:44
 Operator : JC\MD
 Sample : P3716-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1054-TB082024

Quant Time: Aug 27 05:47:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

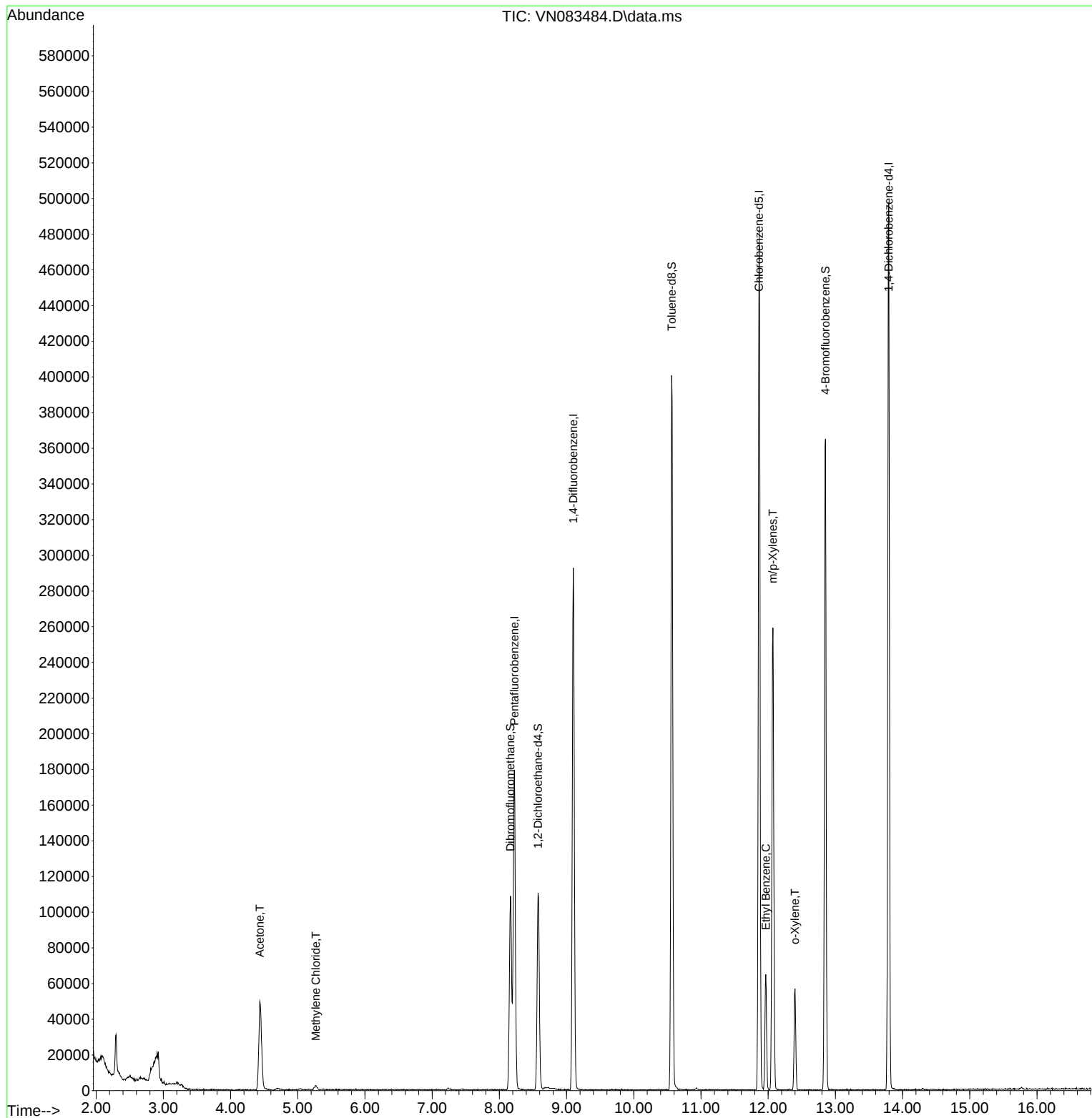
Internal Standards						
1) Pentafluorobenzene	8.224	168	120577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	98589	57.444	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.880%			
35) Dibromofluoromethane	8.165	113	79089	51.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.720%			
50) Toluene-d8	10.565	98	272792	47.487	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.980%			
62) 4-Bromofluorobenzene	12.853	95	130106	58.095	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 116.180%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	1977	2.944	ug/l	93
20) Methylene Chloride	5.271	84	1611	1.042	ug/l #	82
67) Ethyl Benzene	11.964	91	47378	4.411	ug/l	98
68) m/p-Xylenes	12.070	106	83110	20.656	ug/l	95
69) o-Xylene	12.400	106	15316	3.860	ug/l	95

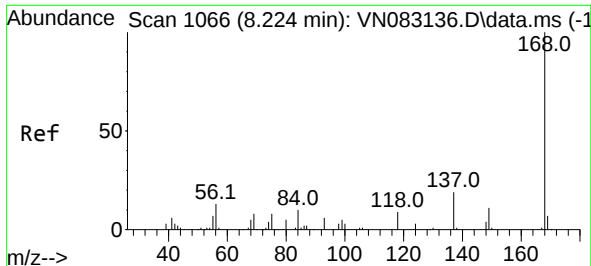
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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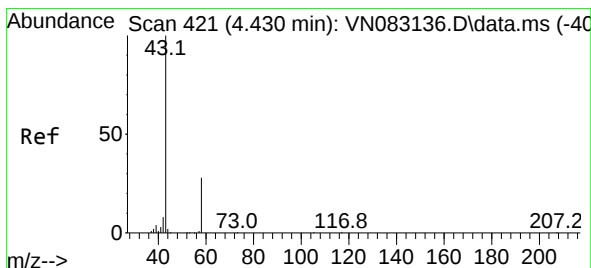
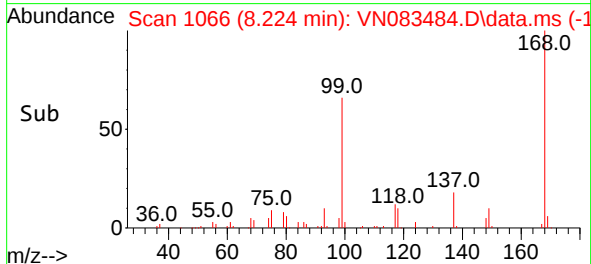
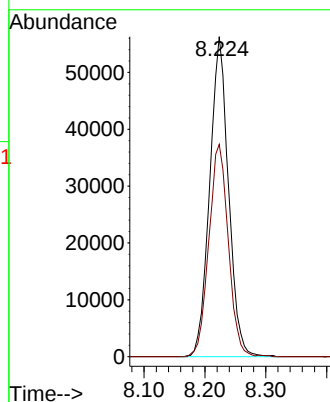
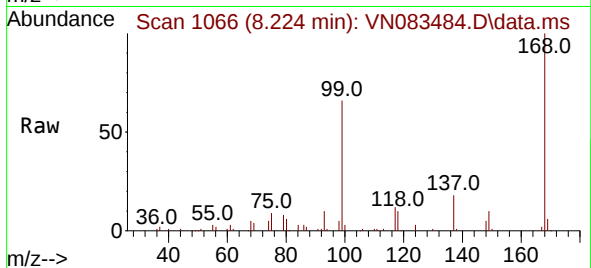




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083484.D
Acq: 26 Aug 2024 15:44

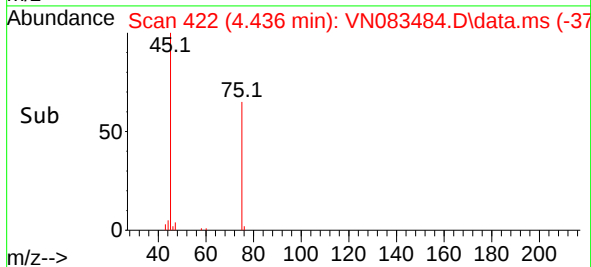
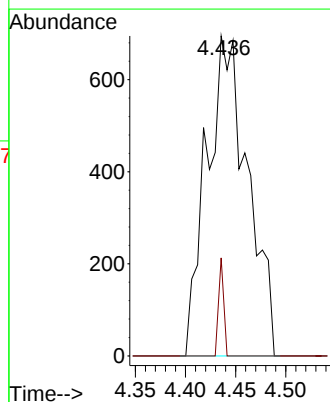
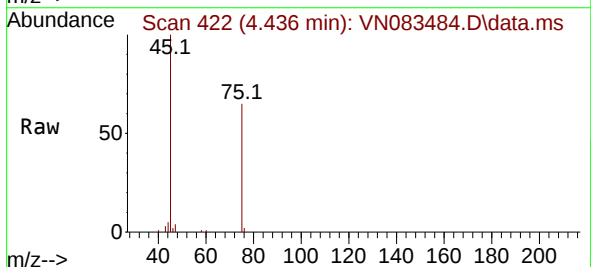
Instrument :
MSVOA_N
ClientSampleId :
1054-TB082024

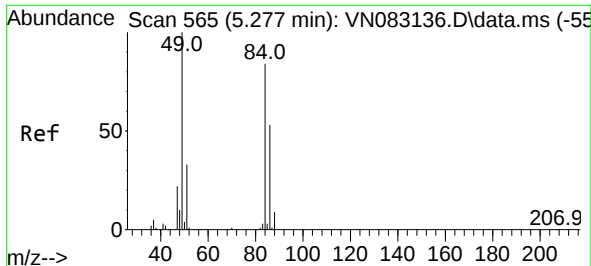
Tgt Ion:168 Resp: 120577
Ion Ratio Lower Upper
168 100
99 66.4 48.2 72.4



#16
Acetone
Concen: 2.944 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083484.D
Acq: 26 Aug 2024 15:44

Tgt Ion: 43 Resp: 1977
Ion Ratio Lower Upper
43 100
58 30.6 21.8 32.6

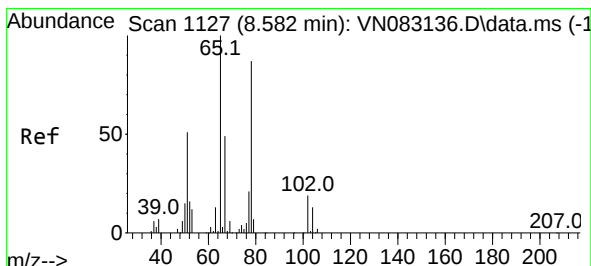
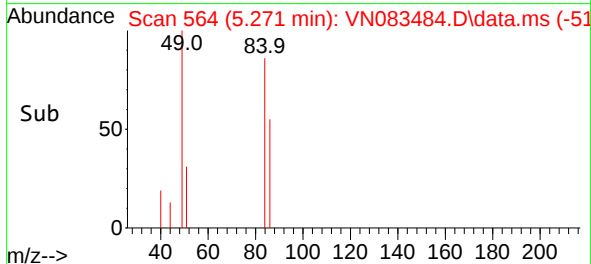
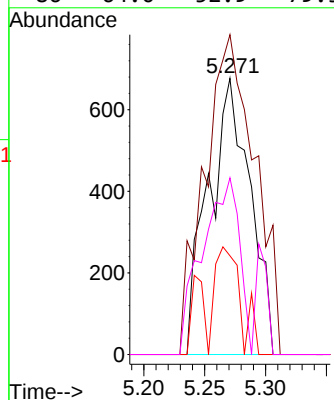
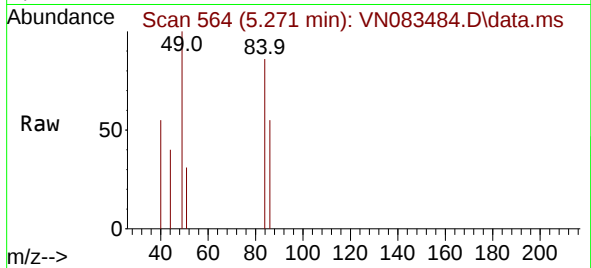




#20
Methylene Chloride
Concen: 1.042 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083484.D
Acq: 26 Aug 2024 15:44

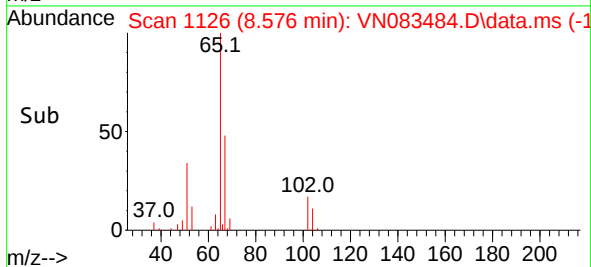
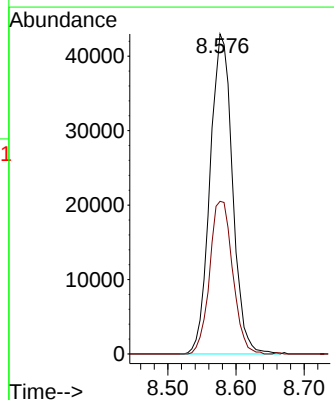
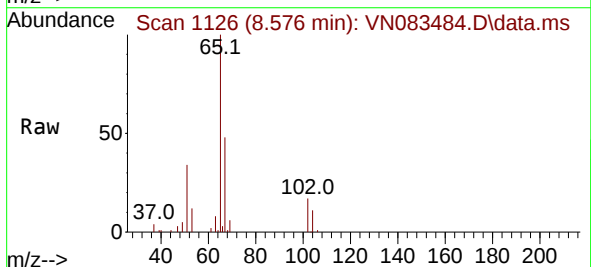
Instrument :
MSVOA_N
ClientSampleId :
1054-TB082024

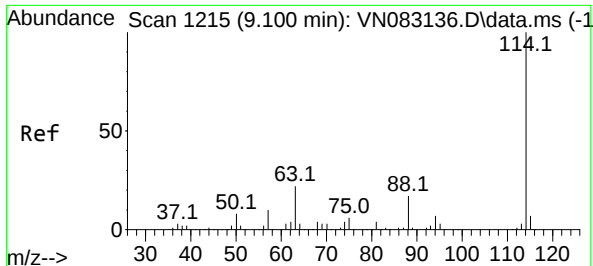
Tgt Ion:	84	Resp:	1611
Ion	Ratio	Lower	Upper
84	100		
49	115.8	119.6	179.4#
51	35.7	34.8	52.2
86	64.0	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 57.444 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083484.D
Acq: 26 Aug 2024 15:44

Tgt Ion:	65	Resp:	98589
Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083484.D

Acq: 26 Aug 2024 15:44

Instrument :

MSVOA_N

ClientSampleId :

1054-TB082024

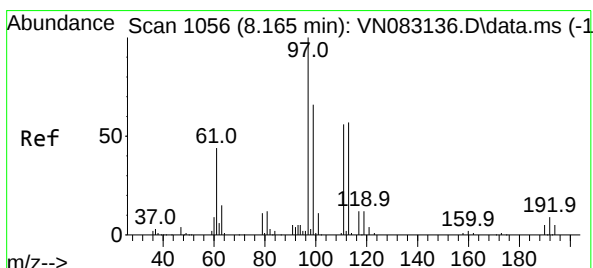
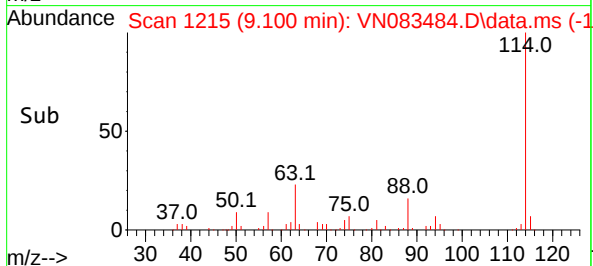
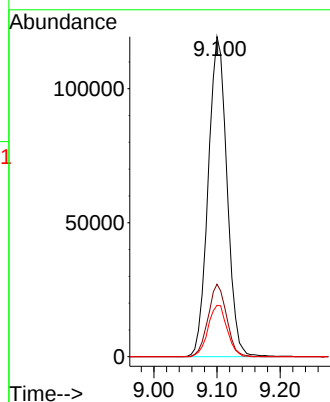
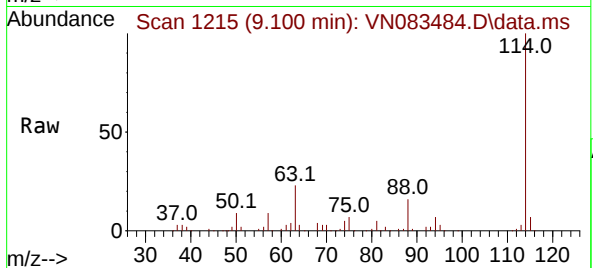
Tgt Ion:114 Resp: 246722

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.357 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083484.D

Acq: 26 Aug 2024 15:44

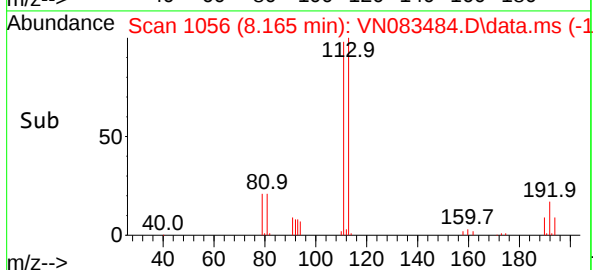
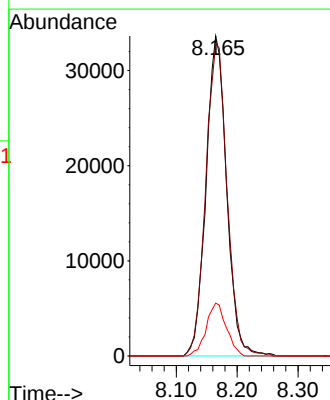
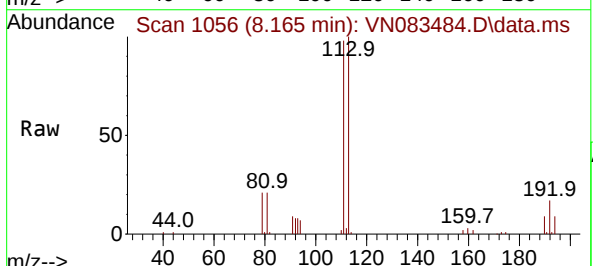
Tgt Ion:113 Resp: 79089

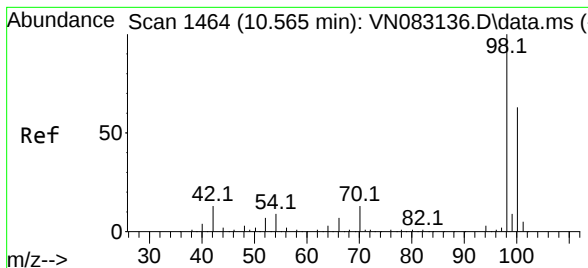
Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

192 16.2 14.9 22.3

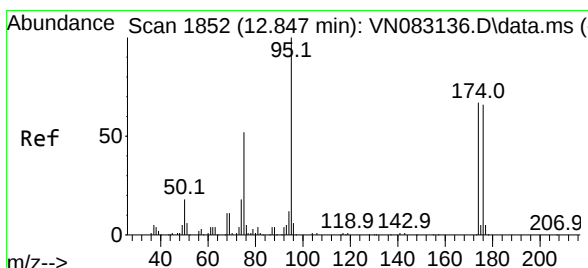
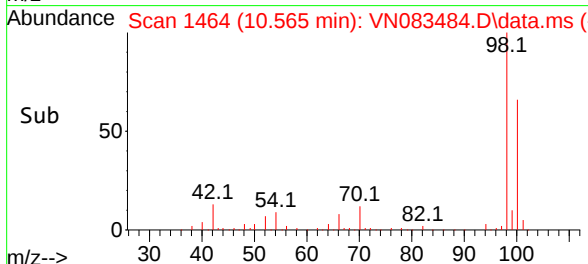
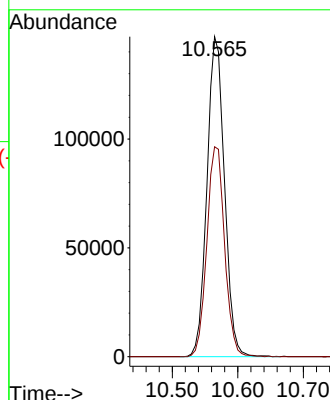
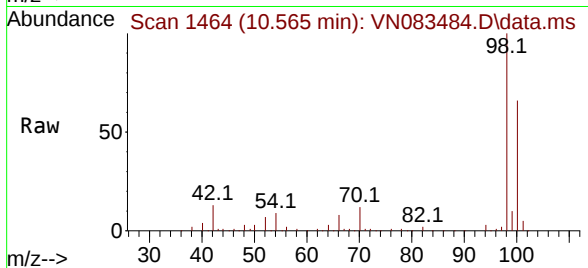




#50
Toluene-d8
Concen: 47.487 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083484.D
Acq: 26 Aug 2024 15:44

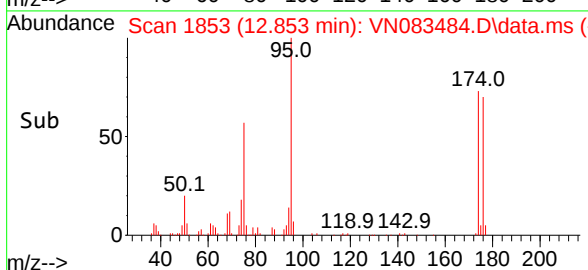
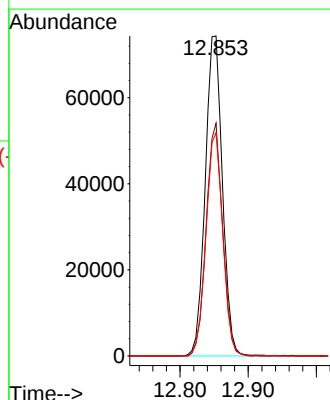
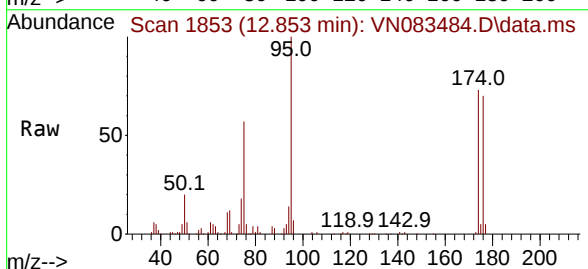
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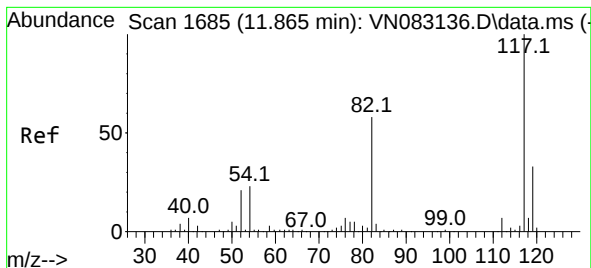
Tgt Ion: 98 Resp: 272792
Ion Ratio Lower Upper
98 100
100 66.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 58.095 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083484.D
Acq: 26 Aug 2024 15:44

Tgt Ion: 95 Resp: 130106
Ion Ratio Lower Upper
95 100
174 70.0 0.0 159.2
176 67.8 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083484.D

Acq: 26 Aug 2024 15:44

Instrument :

MSVOA_N

ClientSampleId :

1054-TB082024

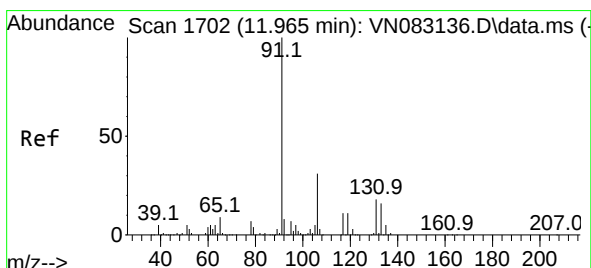
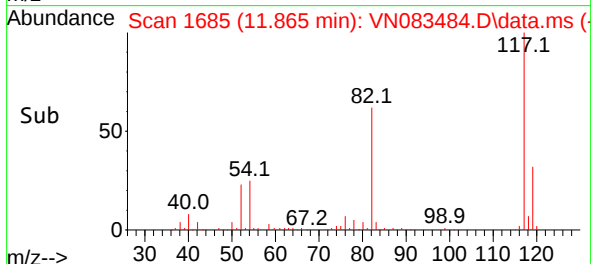
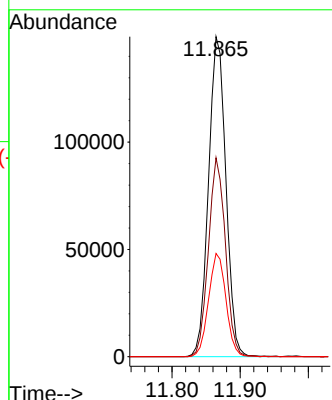
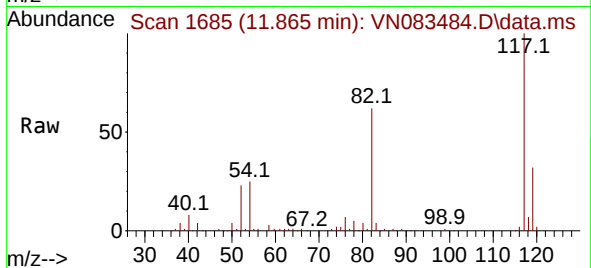
Tgt Ion:117 Resp: 264953

Ion Ratio Lower Upper

117 100

82 62.1 47.5 71.3

119 32.2 25.6 38.4



#67

Ethyl Benzene

Concen: 4.411 ug/l

RT: 11.964 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN083484.D

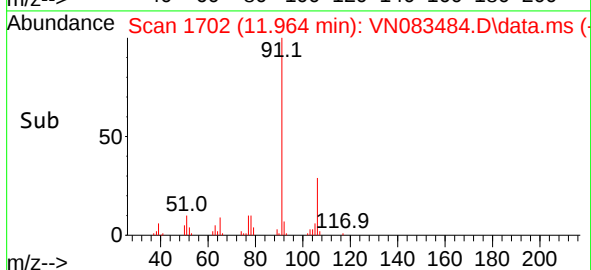
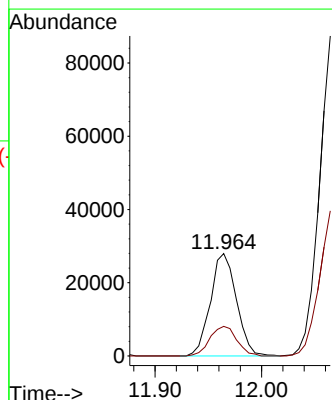
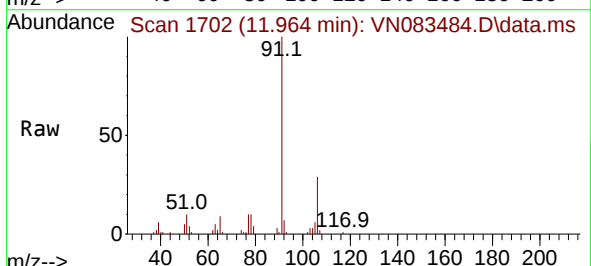
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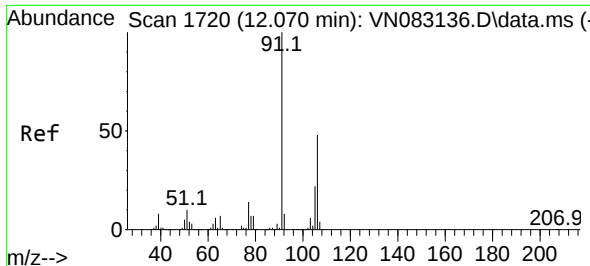
Tgt Ion: 91 Resp: 47378

Ion Ratio Lower Upper

91 100

106 28.9 24.0 36.0

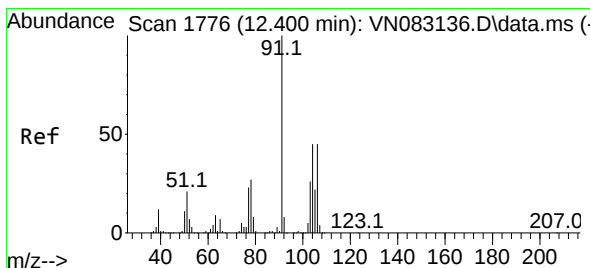
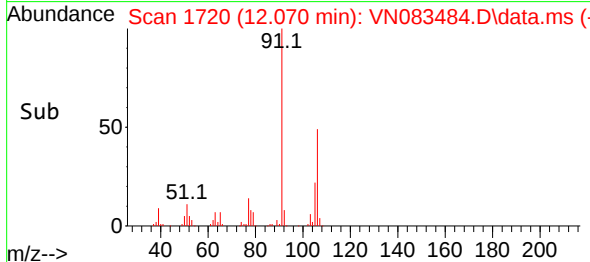
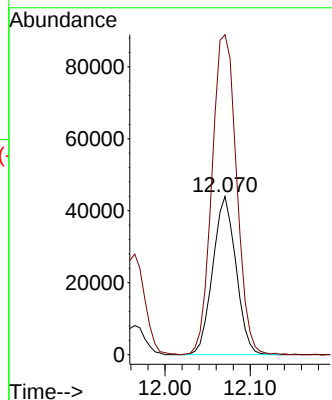
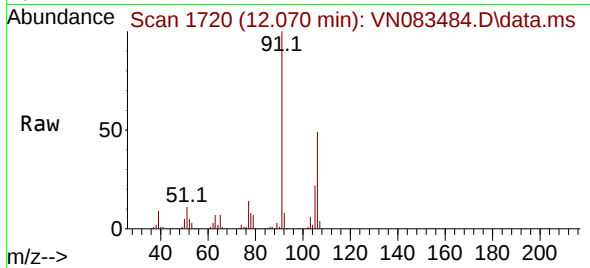




#68
m/p-Xylenes
Concen: 20.656 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083484.D
Acq: 26 Aug 2024 15:44

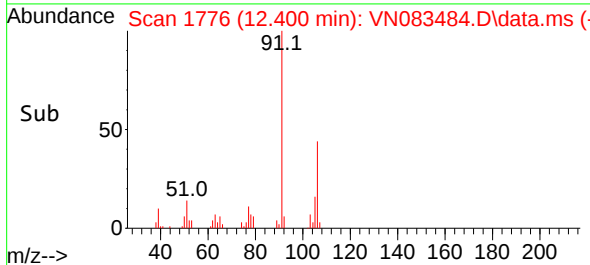
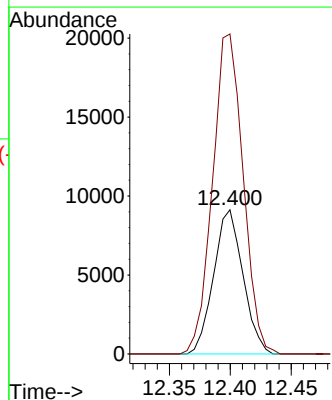
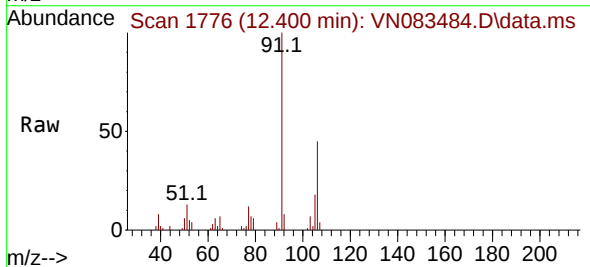
Instrument :
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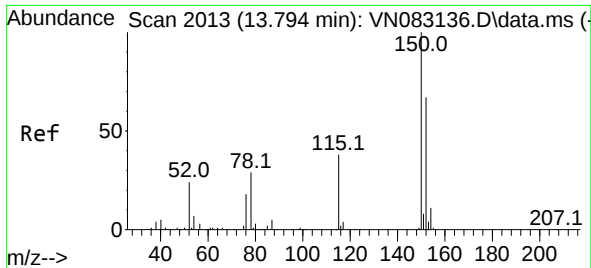
Tgt Ion:106 Resp: 83110
Ion Ratio Lower Upper
106 100
91 215.5 166.1 249.1



#69
o-Xylene
Concen: 3.860 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083484.D
Acq: 26 Aug 2024 15:44

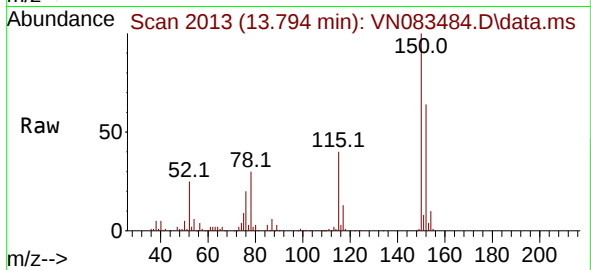
Tgt Ion:106 Resp: 15316
Ion Ratio Lower Upper
106 100
91 231.1 111.3 333.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083484.D
 Acq: 26 Aug 2024 15:44

Instrument :
 MSVOA_N
 ClientSampleId :
 1054-TB082024



Tgt Ion:152 Resp: 128952
 Ion Ratio Lower Upper
 152 100
 115 64.0 30.6 91.6
 150 158.0 0.0 348.6

