

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083685.D
 Acq On : 05 Sep 2024 19:03
 Operator : JC\MD
 Sample : P3815-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OWBR-05-134.8-083024

Quant Time: Sep 06 02:22:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

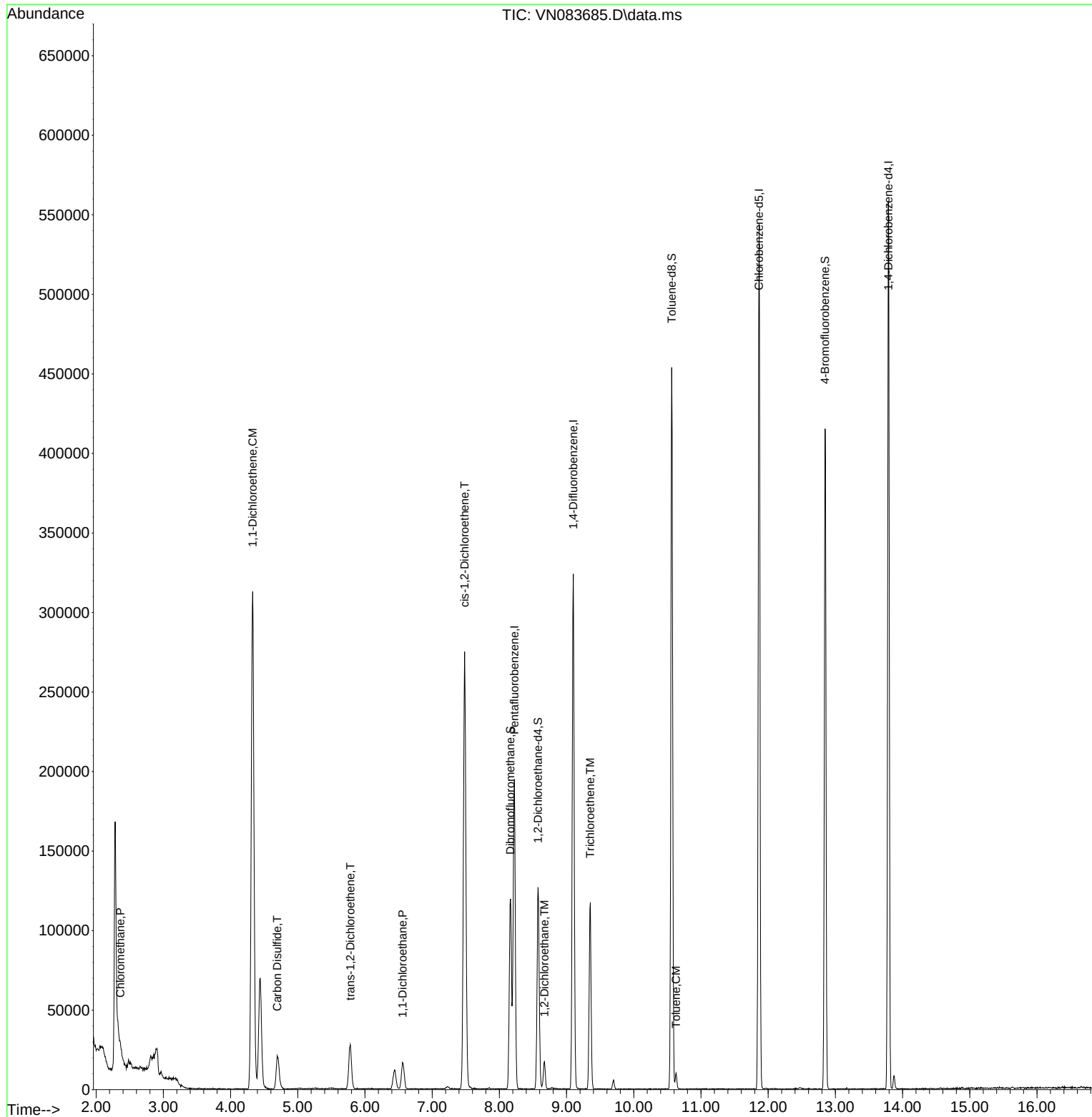
Internal Standards						
1) Pentafluorobenzene	8.224	168	132778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106608	57.449	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	114.900%	
35) Dibromofluoromethane	8.165	113	84899	52.222	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.440%	
50) Toluene-d8	10.565	98	305732	48.278	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.560%	
62) 4-Bromofluorobenzene	12.847	95	146619	62.518	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	125.040%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	4856	2.966	ug/l	91
12) 1,1-Dichloroethene	4.330	96	175318	120.527	ug/l	99
17) Carbon Disulfide	4.695	76	46551	10.982	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	16997	11.218	ug/l	95
24) 1,1-Dichloroethane	6.559	63	24987	8.568	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	157404	87.058	ug/l	90
42) 1,2-Dichloroethane	8.671	62	16214	5.734	ug/l	97
44) Trichloroethene	9.353	130	38828	21.159	ug/l	95
52) Toluene	10.629	92	4053	0.850	ug/l	92

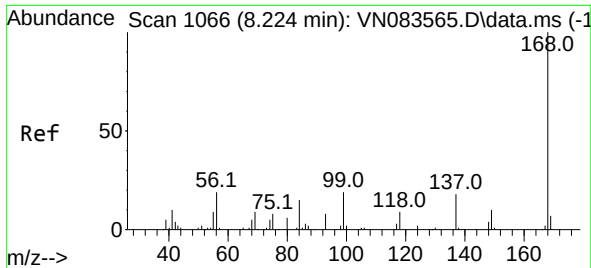
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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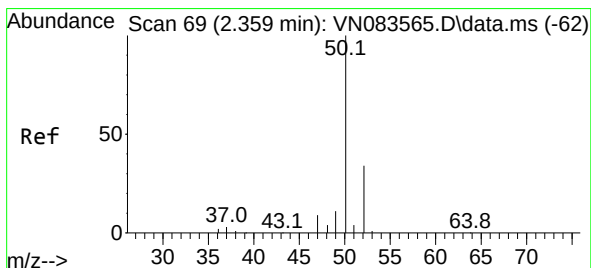
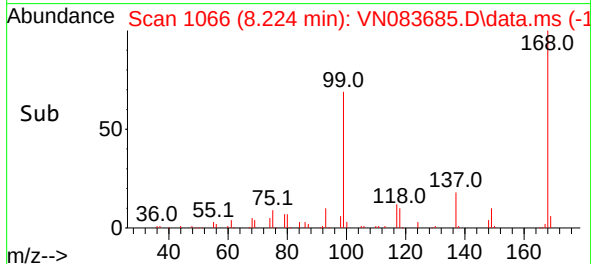
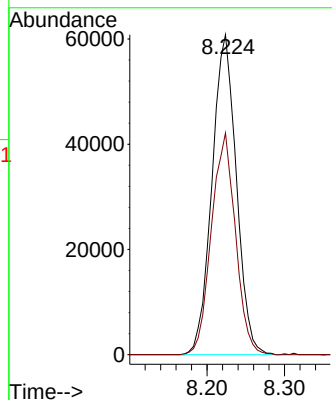
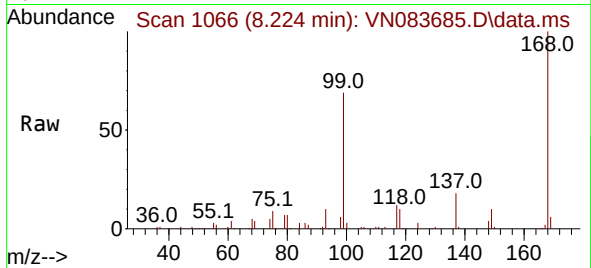




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083685.D
Acq: 05 Sep 2024 19:03

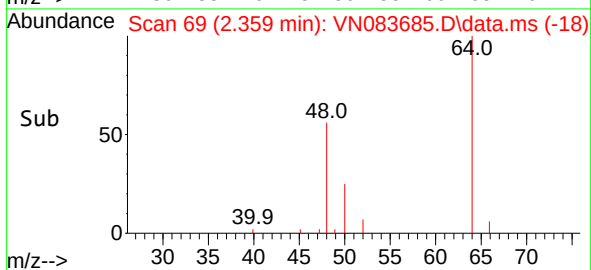
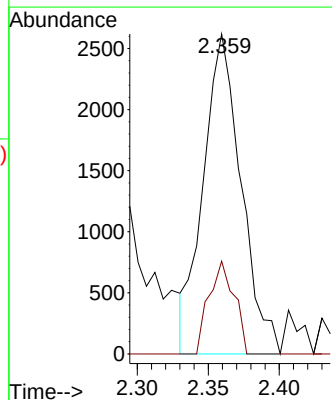
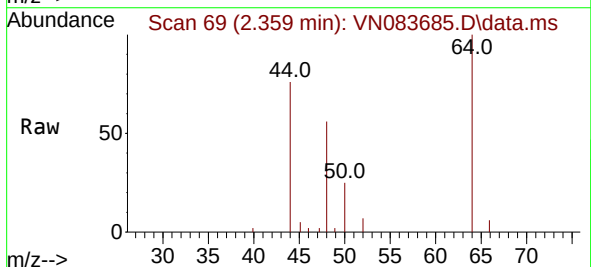
Instrument :
MSVOA_N
ClientSampleId :
OWBR-05-134.8-083024

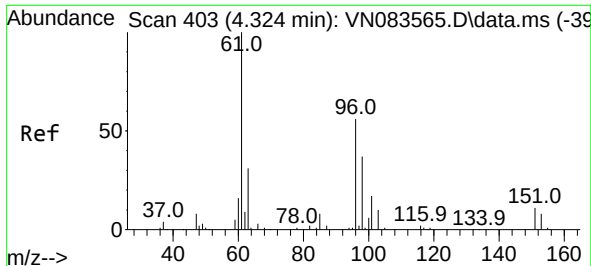
Tgt Ion:168 Resp: 132778
Ion Ratio Lower Upper
168 100
99 69.3 54.2 81.2



#3
Chloromethane
Concen: 2.966 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083685.D
Acq: 05 Sep 2024 19:03

Tgt Ion: 50 Resp: 4856
Ion Ratio Lower Upper
50 100
52 29.0 27.2 40.8





#12

1,1-Dichloroethene

Concen: 120.527 ug/l

RT: 4.330 min Scan# 403

Delta R.T. 0.006 min

Lab File: VN083685.D

Acq: 05 Sep 2024 19:03

Instrument :

MSVOA_N

ClientSampleId :

OWBR-05-134.8-083024

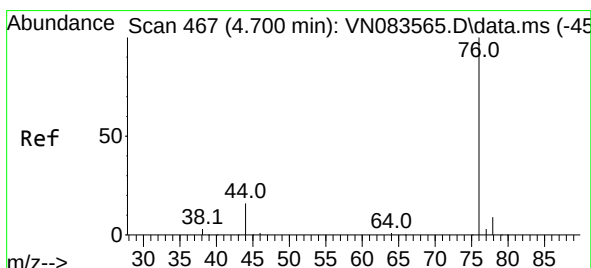
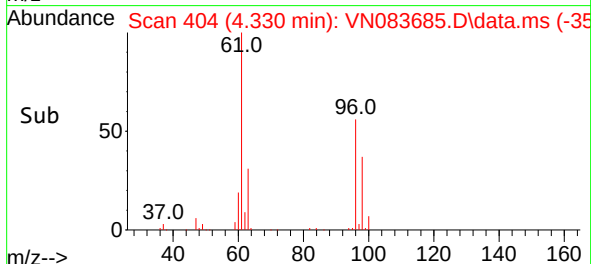
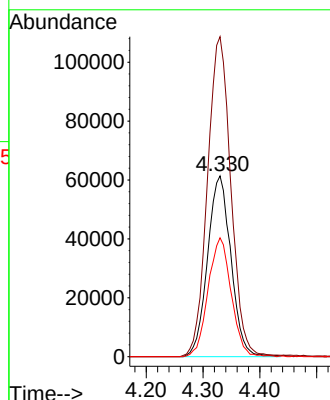
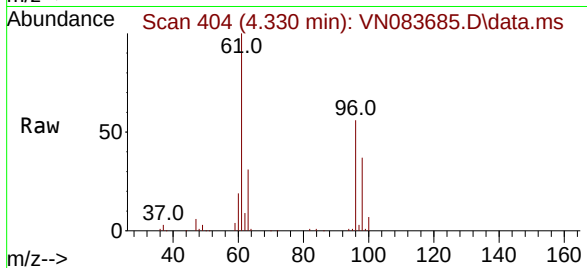
Tgt Ion: 96 Resp: 175318

Ion Ratio Lower Upper

96 100

61 177.0 143.4 215.0

98 65.8 52.7 79.1



#17

Carbon Disulfide

Concen: 10.982 ug/l

RT: 4.695 min Scan# 466

Delta R.T. -0.006 min

Lab File: VN083685.D

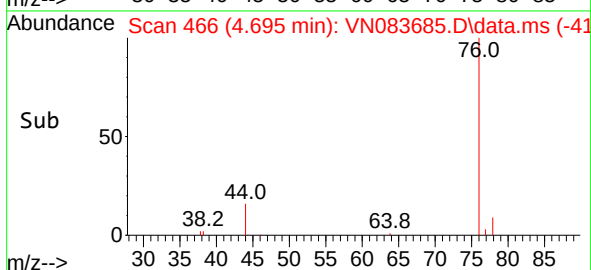
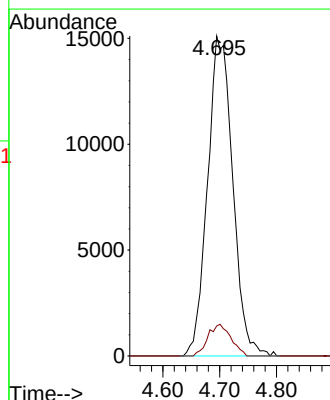
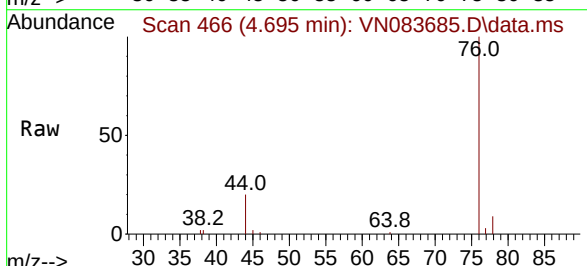
Acq: 05 Sep 2024 19:03

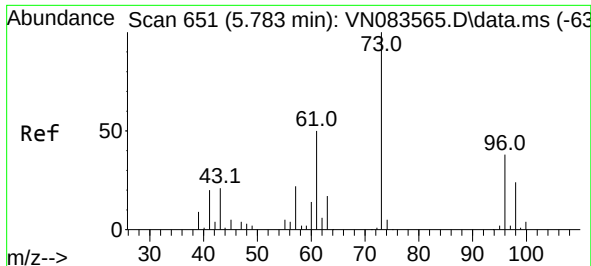
Tgt Ion: 76 Resp: 46551

Ion Ratio Lower Upper

76 100

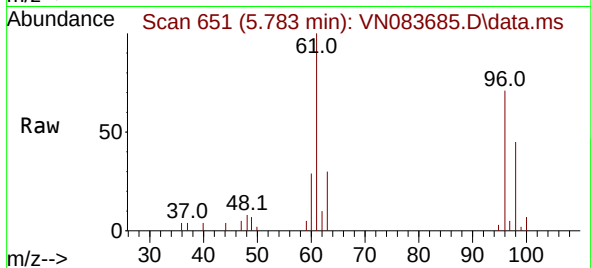
78 9.4 7.1 10.7





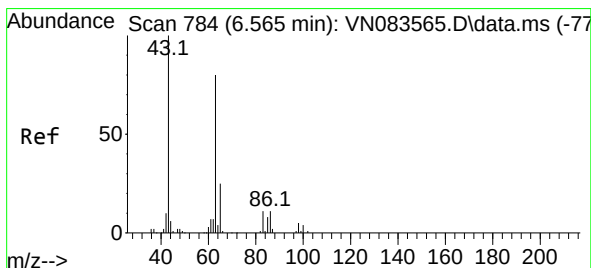
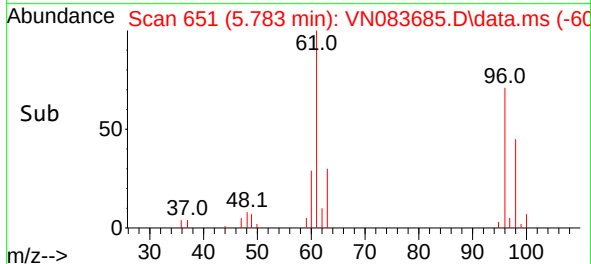
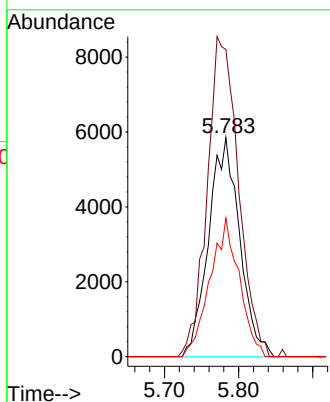
#21
trans-1,2-Dichloroethene
Concen: 11.218 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083685.D
Acq: 05 Sep 2024 19:03

Instrument :
MSVOA_N
ClientSampleId :
OWBR-05-134.8-083024



Tgt Ion: 96 Resp: 16997

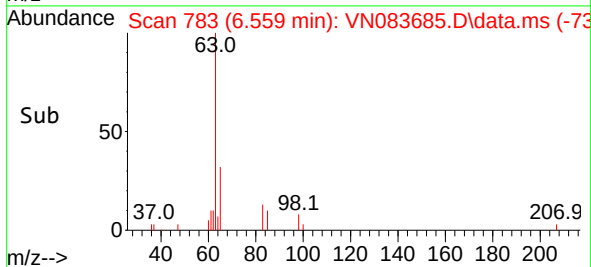
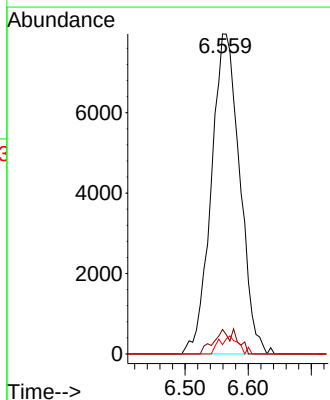
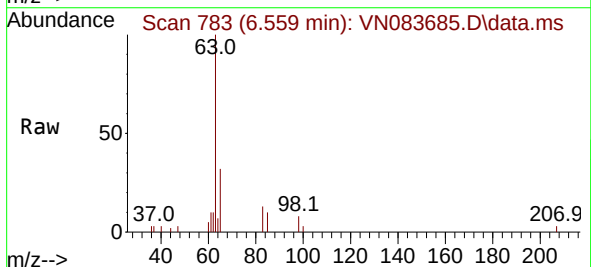
Ion	Ratio	Lower	Upper
96	100		
61	140.1	106.0	159.0
98	63.2	52.2	78.2

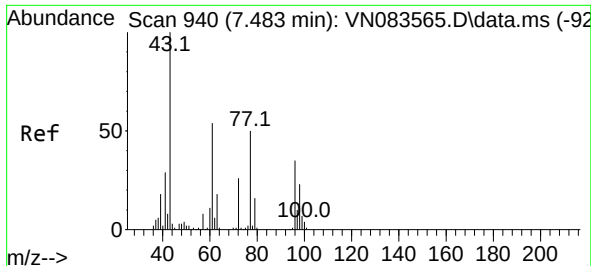


#24
1,1-Dichloroethane
Concen: 8.568 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.006 min
Lab File: VN083685.D
Acq: 05 Sep 2024 19:03

Tgt Ion: 63 Resp: 24987

Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.5	10.4
100	2.9	2.5	7.5

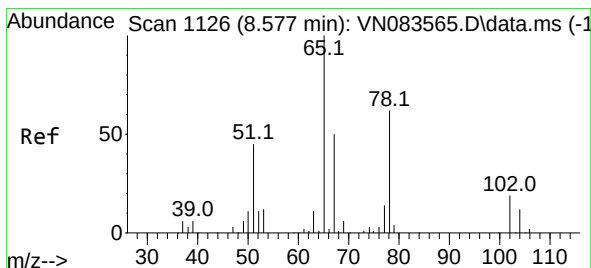
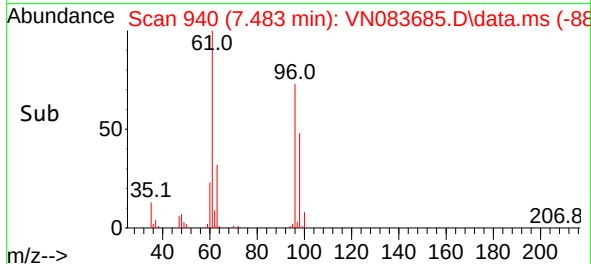
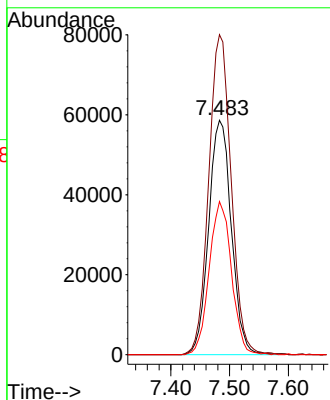
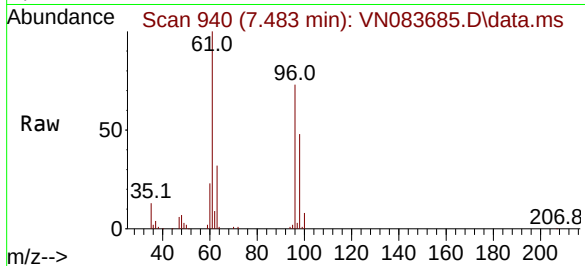




#27
 cis-1,2-Dichloroethene
 Concen: 87.058 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083685.D
 Acq: 05 Sep 2024 19:03

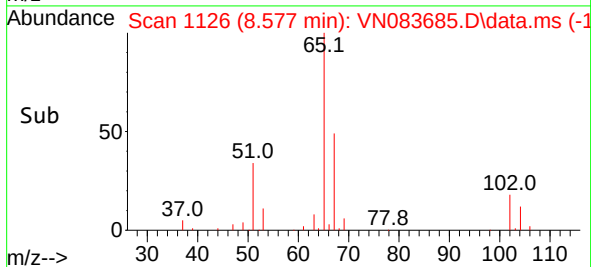
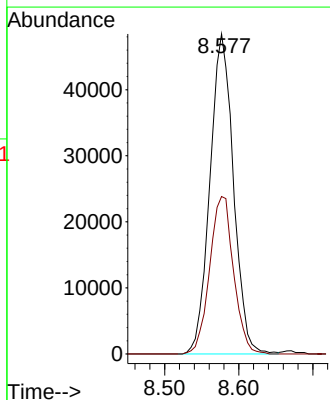
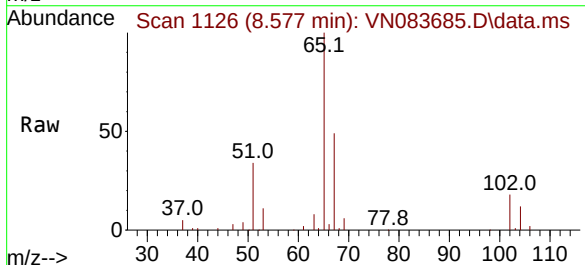
Instrument :
 MSVOA_N
 ClientSampleId :
 OWBR-05-134.8-083024

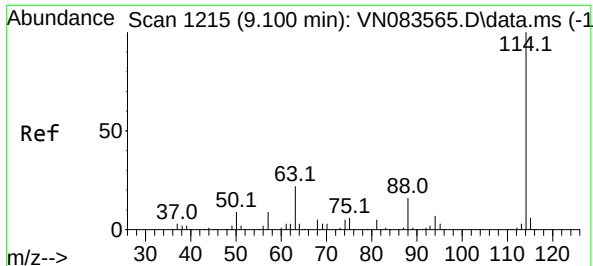
Tgt Ion: 96 Resp: 157404
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 306.2
 98 64.1 0.0 128.6



#33
 1,2-Dichloroethane-d4
 Concen: 57.449 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN083685.D
 Acq: 05 Sep 2024 19:03

Tgt Ion: 65 Resp: 106608
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 100.8

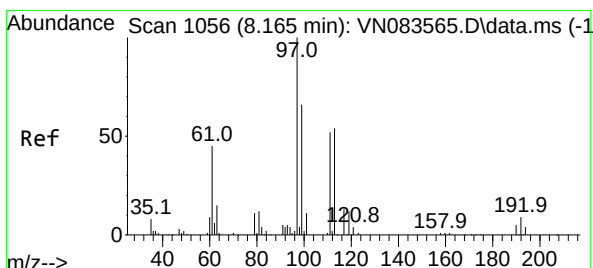
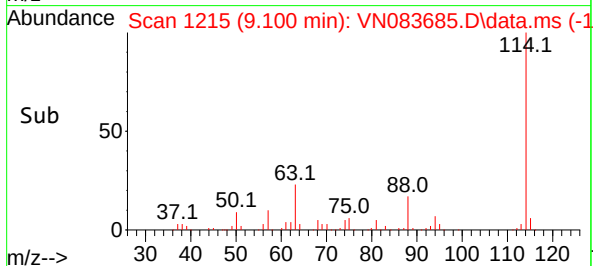
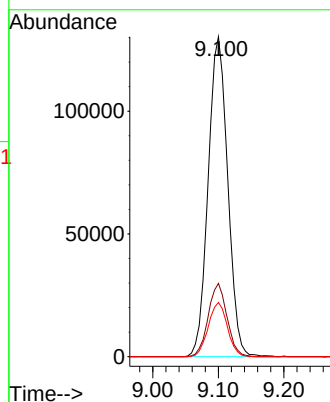
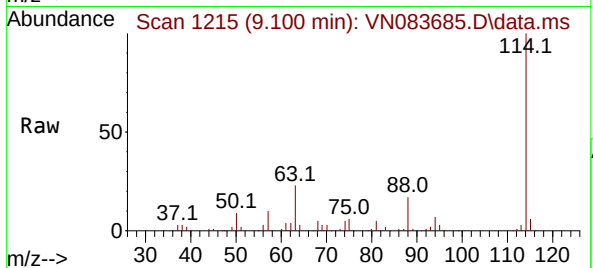




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083685.D
Acq: 05 Sep 2024 19:03

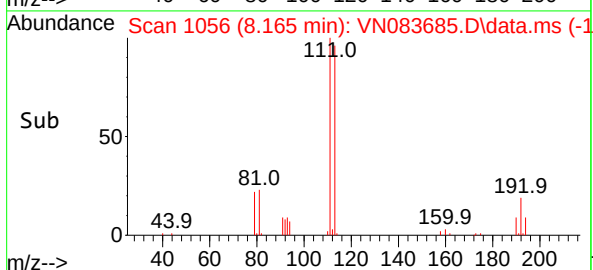
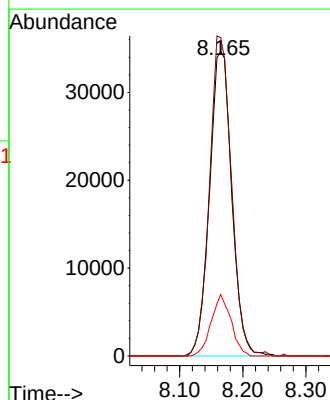
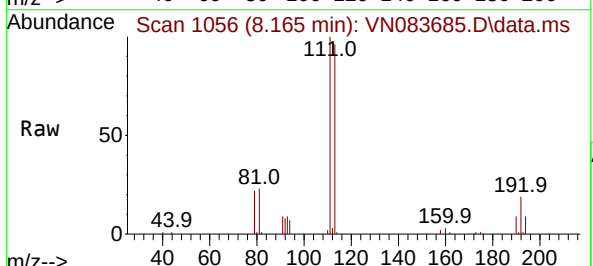
Instrument :
MSVOA_N
ClientSampleId :
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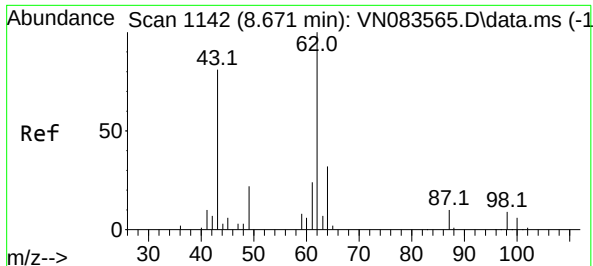
Tgt Ion:114 Resp: 270110
Ion Ratio Lower Upper
114 100
63 22.9 0.0 43.4
88 16.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.222 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083685.D
Acq: 05 Sep 2024 19:03

Tgt Ion:113 Resp: 84899
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 18.0 14.3 21.5





#42

1,2-Dichloroethane

Concen: 5.734 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VN083685.D

Acq: 05 Sep 2024 19:03

Instrument :

MSVOA_N

ClientSampleId :

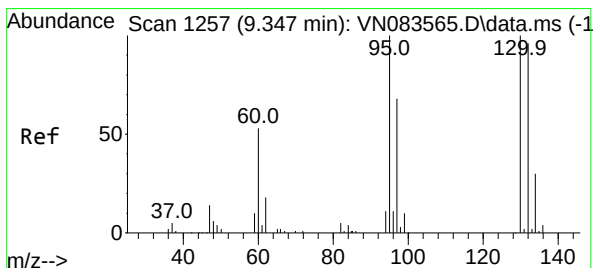
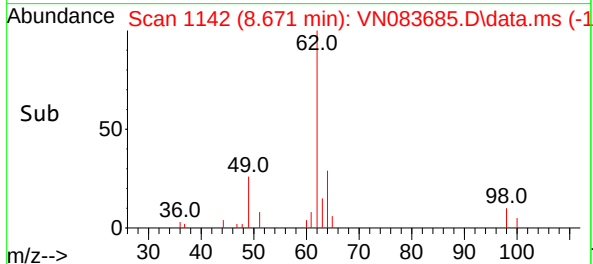
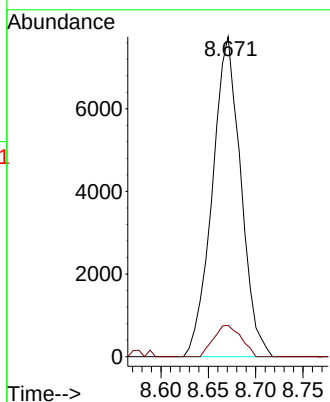
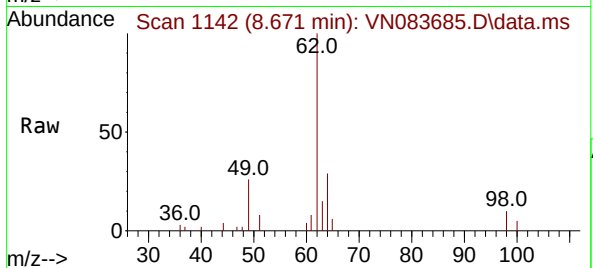
OWBR-05-134.8-083024

Tgt Ion: 62 Resp: 16214

Ion Ratio Lower Upper

62 100

98 9.4 0.0 16.6



#44

Trichloroethene

Concen: 21.159 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN083685.D

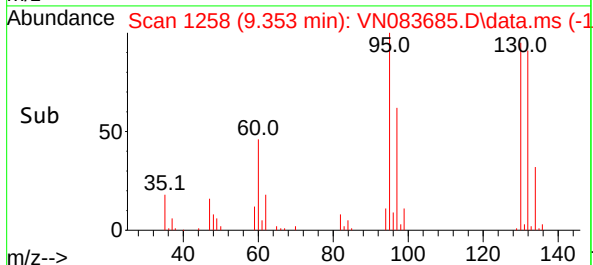
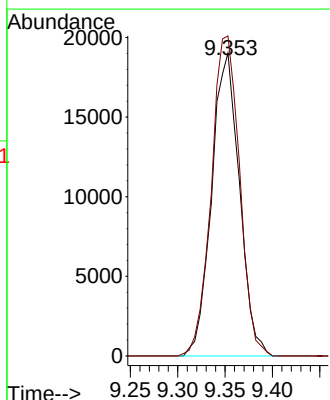
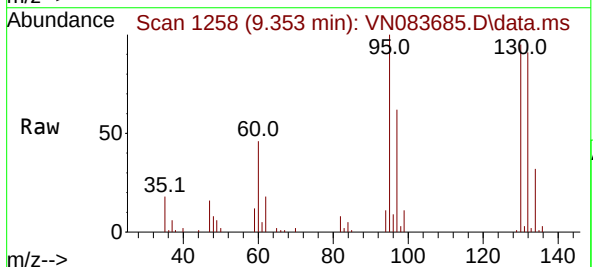
Acq: 05 Sep 2024 19:03

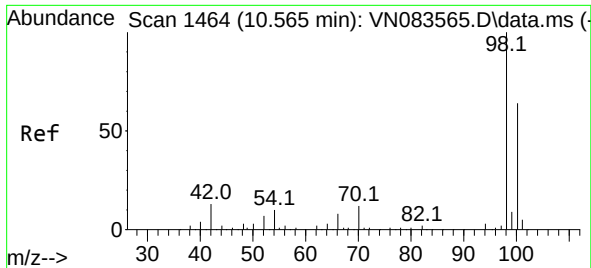
Tgt Ion: 130 Resp: 38828

Ion Ratio Lower Upper

130 100

95 105.6 0.0 200.4

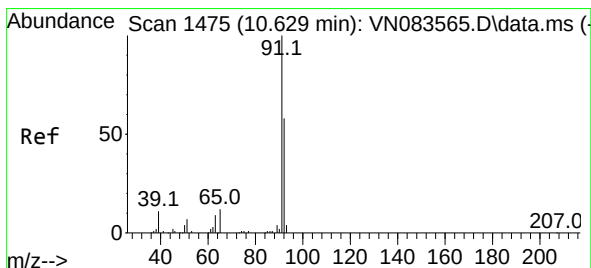
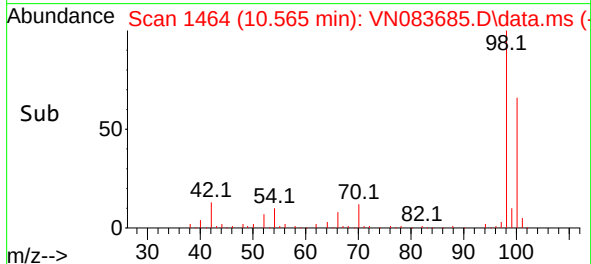
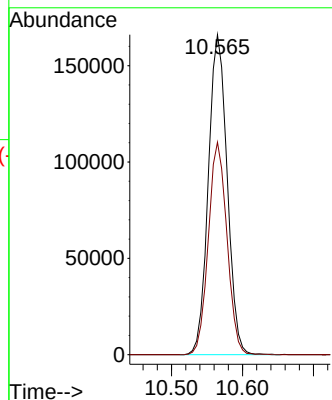
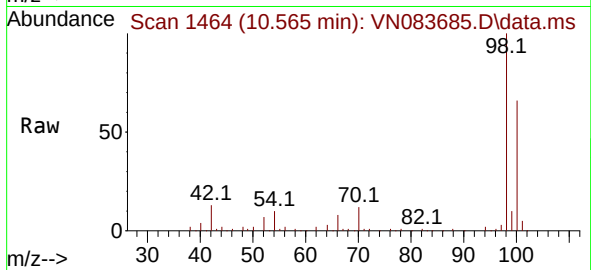




#50
Toluene-d8
Concen: 48.278 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083685.D
Acq: 05 Sep 2024 19:03

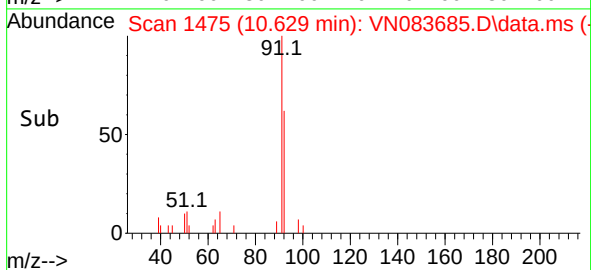
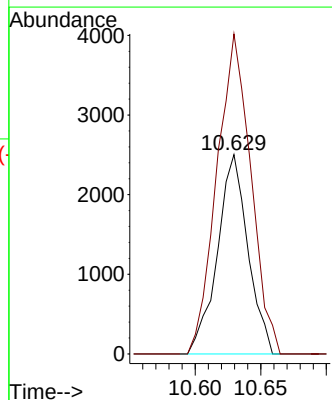
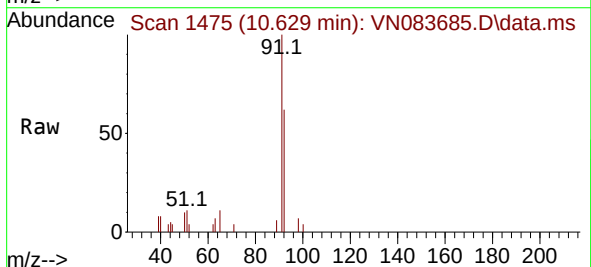
Instrument :
MSVOA_N
ClientSampleId :
OWBR-05-134.8-083024

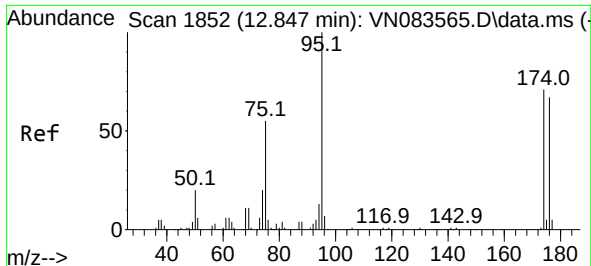
Tgt Ion: 98 Resp: 305732
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#52
Toluene
Concen: 0.850 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083685.D
Acq: 05 Sep 2024 19:03

Tgt Ion: 92 Resp: 4053
Ion Ratio Lower Upper
92 100
91 178.8 134.7 202.1

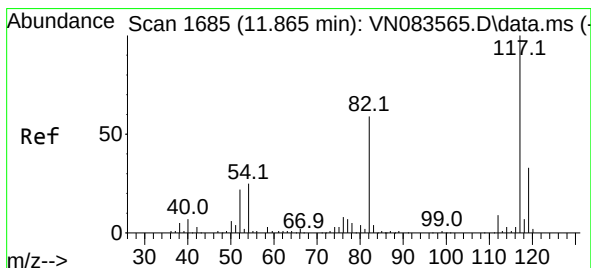
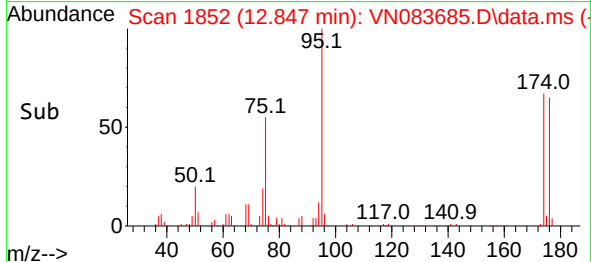
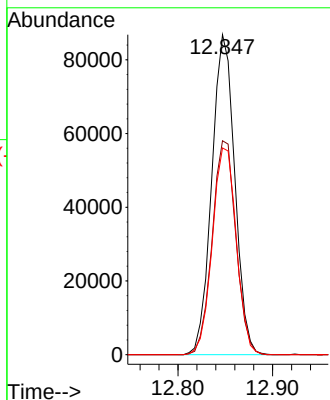
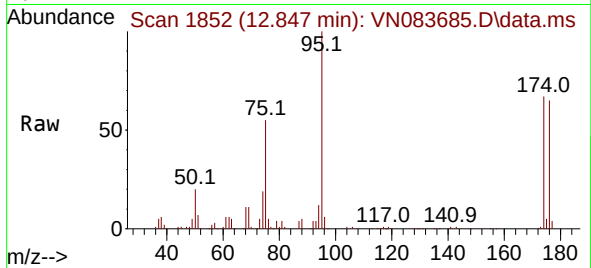




#62
4-Bromofluorobenzene
Concen: 62.518 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083685.D
Acq: 05 Sep 2024 19:03

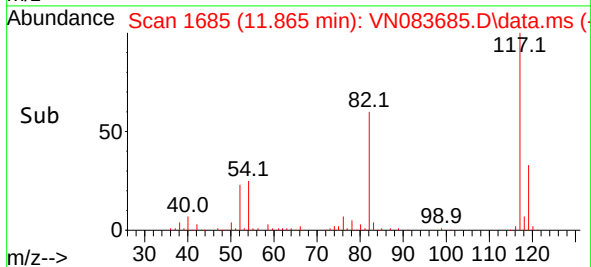
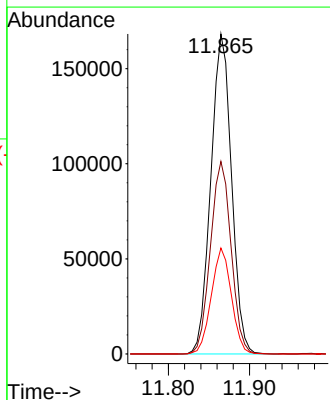
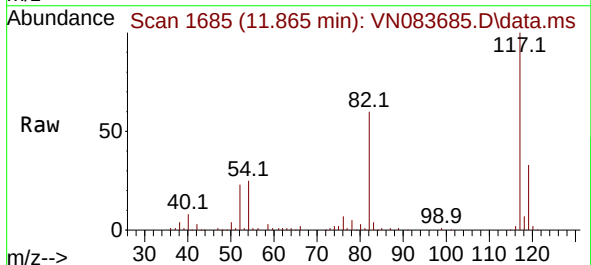
Instrument :
MSVOA_N
ClientSampleId :
OWBR-05-134.8-083024

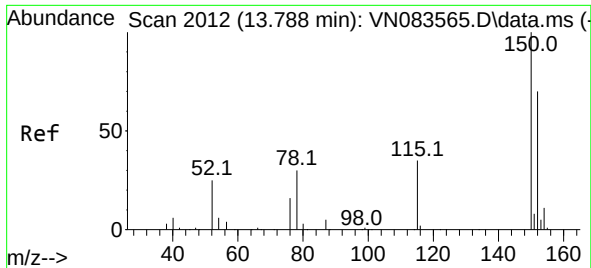
Tgt Ion: 95 Resp: 146619
Ion Ratio Lower Upper
95 100
174 68.9 0.0 139.8
176 67.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083685.D
Acq: 05 Sep 2024 19:03

Tgt Ion: 117 Resp: 297523
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.0
119 33.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN083685.D

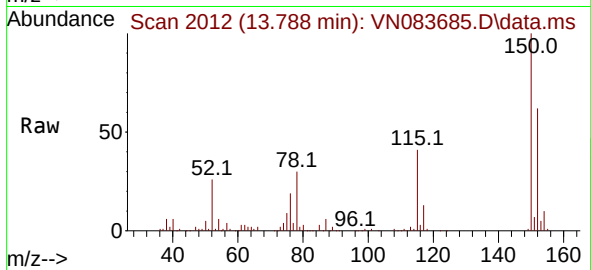
Acq: 05 Sep 2024 19:03

Instrument :

MSVOA_N

ClientSampleId :

OWBR-05-134.8-083024



Tgt Ion:152 Resp: 139908

Ion Ratio Lower Upper

152 100

115 64.6 32.2 96.6

150 160.2 0.0 348.6

