

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083517.D
 Acq On : 27 Aug 2024 18:19
 Operator : JC\MD
 Sample : P3739-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Quant Time: Aug 28 08:25:30 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)

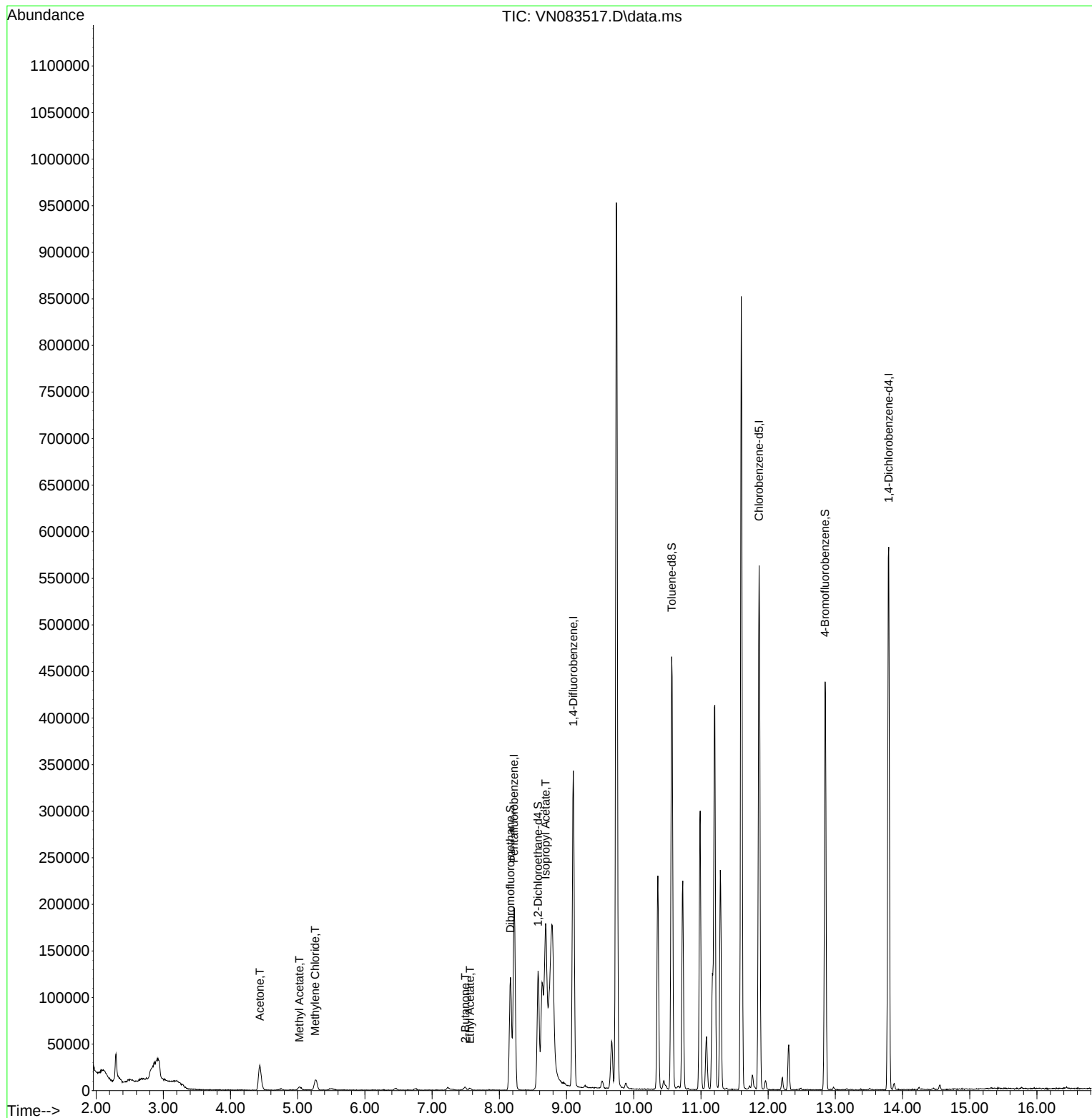
Internal Standards						
1) Pentafluorobenzene	8.218	168	137180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108707	55.673	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.340%	
35) Dibromofluoromethane	8.165	113	86166	48.866	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.740%	
50) Toluene-d8	10.565	98	315818	48.014	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.020%	
62) 4-Bromofluorobenzene	12.847	95	153228	59.754	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	119.500%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	47753	62.500	ug/l	99
18) Methyl Acetate	5.024	43	8073	3.546	ug/l	100
20) Methylene Chloride	5.259	84	8640	4.914	ug/l #	80
25) 2-Butanone	7.494	43	6055	5.161	ug/l #	88
37) Ethyl Acetate	7.565	43	3423	1.146	ug/l #	88
43) Isopropyl Acetate	8.688	43	221138	42.210	ug/l #	83

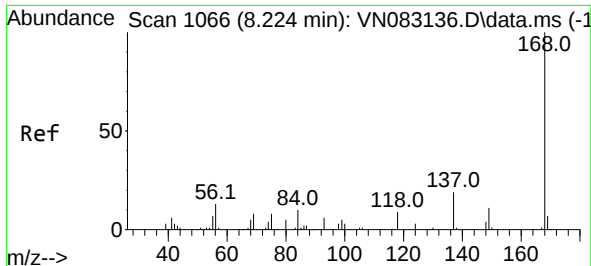
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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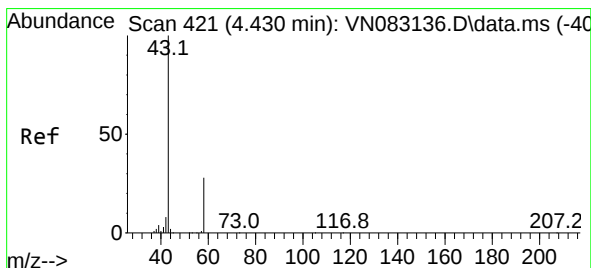
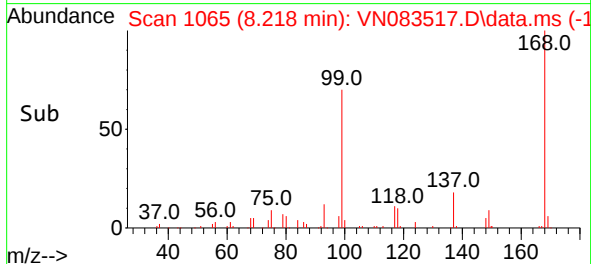
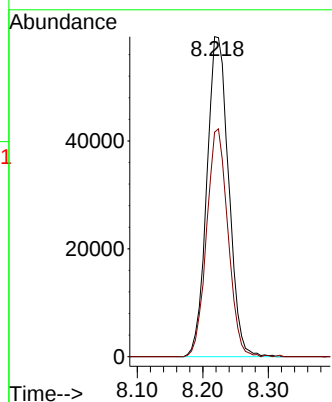
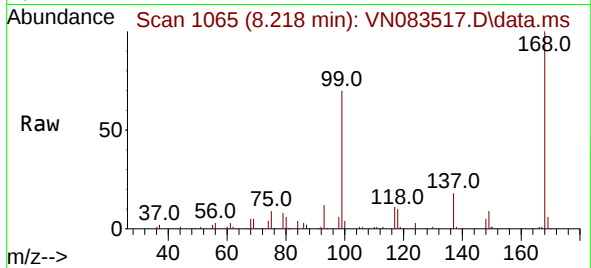




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083517.D
Acq: 27 Aug 2024 18:19

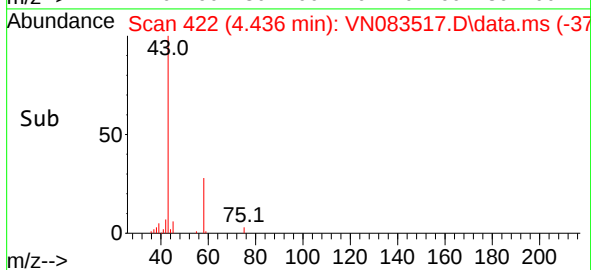
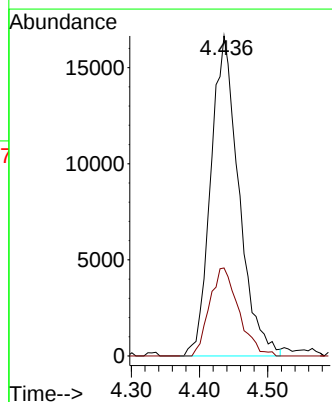
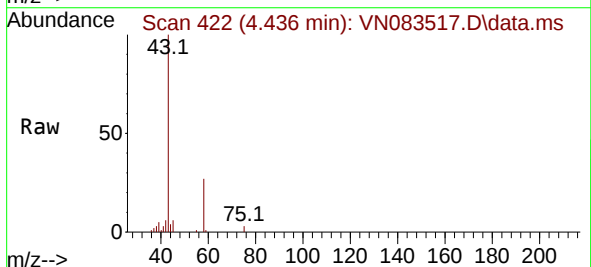
Instrument :
MSVOA_N
ClientSampleId :
WC-4

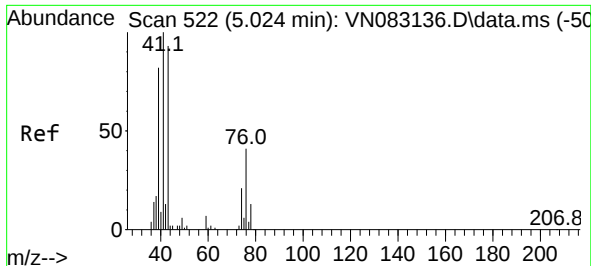
Tgt Ion:168 Resp: 137180
Ion Ratio Lower Upper
168 100
99 70.1 48.2 72.4



#16
Acetone
Concen: 62.500 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083517.D
Acq: 27 Aug 2024 18:19

Tgt Ion: 43 Resp: 47753
Ion Ratio Lower Upper
43 100
58 27.5 21.8 32.6

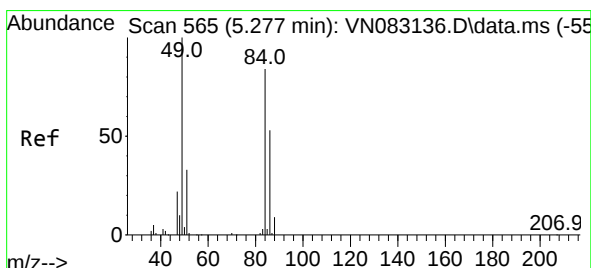
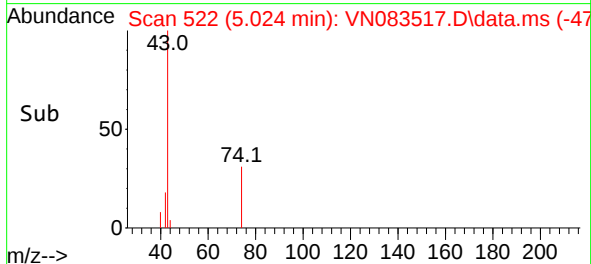
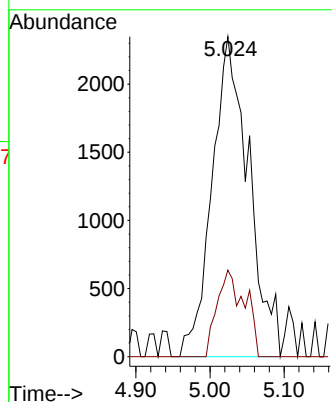
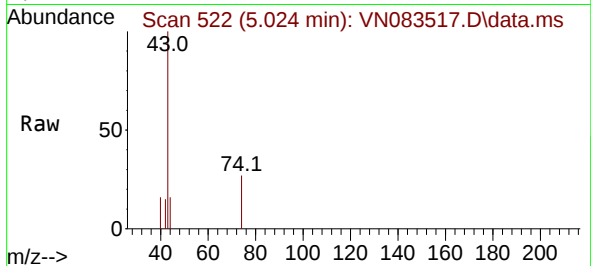




#18
Methyl Acetate
Concen: 3.546 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083517.D
Acq: 27 Aug 2024 18:19

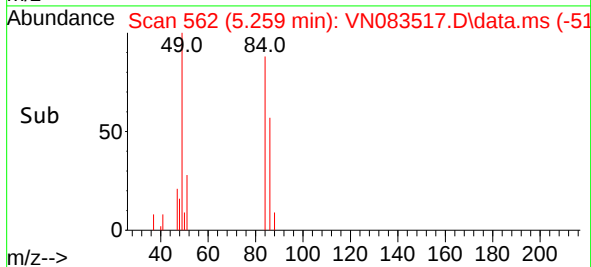
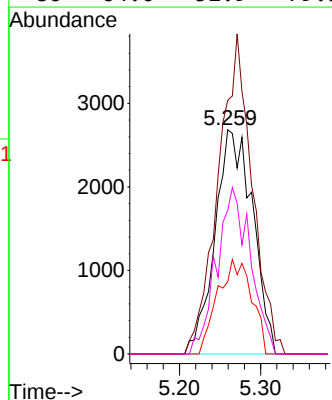
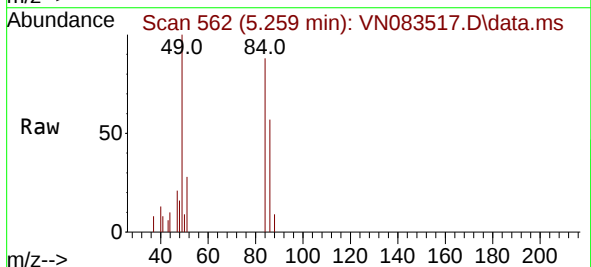
Instrument :
MSVOA_N
ClientSampleId :
WC-4

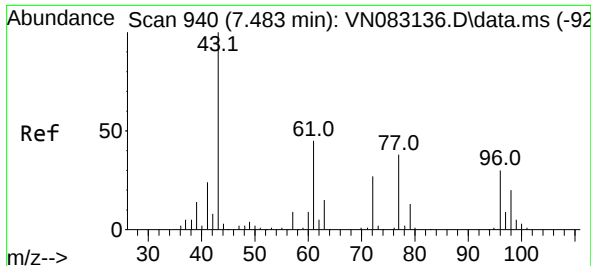
Tgt Ion: 43 Resp: 8073
Ion Ratio Lower Upper
43 100
74 20.3 16.3 24.5



#20
Methylene Chloride
Concen: 4.914 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.018 min
Lab File: VN083517.D
Acq: 27 Aug 2024 18:19

Tgt Ion: 84 Resp: 8640
Ion Ratio Lower Upper
84 100
49 113.1 119.6 179.4#
51 32.2 34.8 52.2#
86 64.0 52.9 79.3

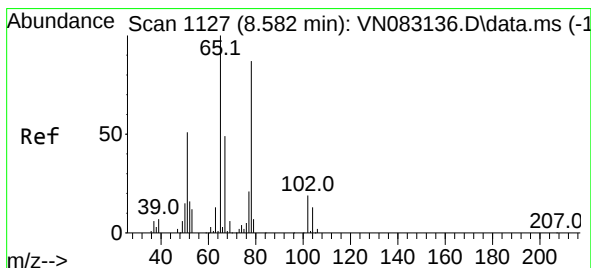
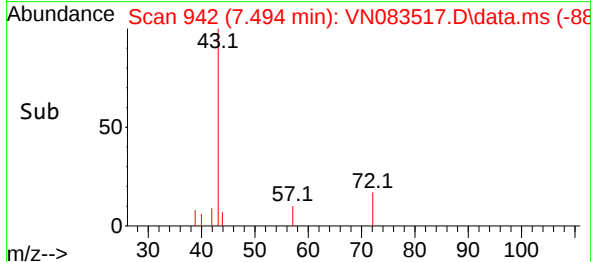
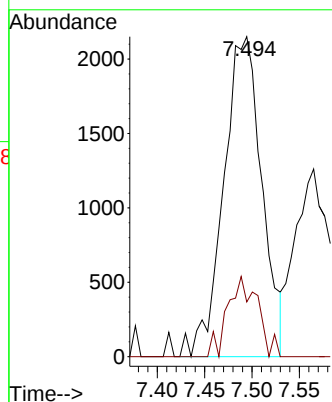
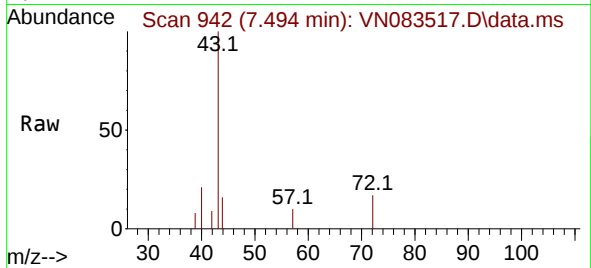




#25
2-Butanone
Concen: 5.161 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN083517.D
Acq: 27 Aug 2024 18:19

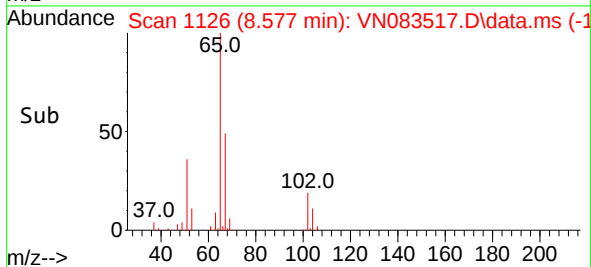
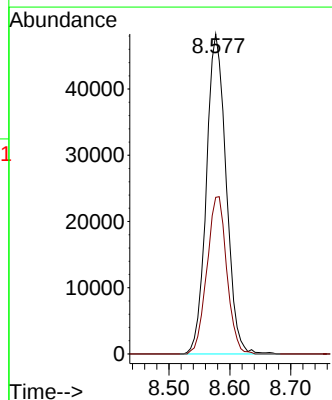
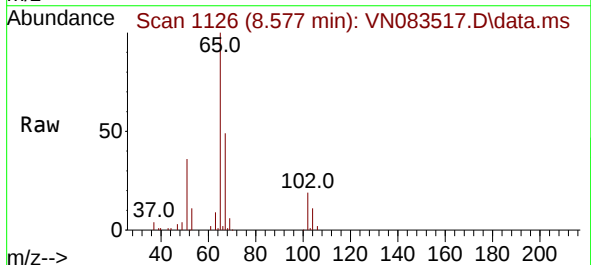
Instrument :
MSVOA_N
ClientSampleId :
WC-4

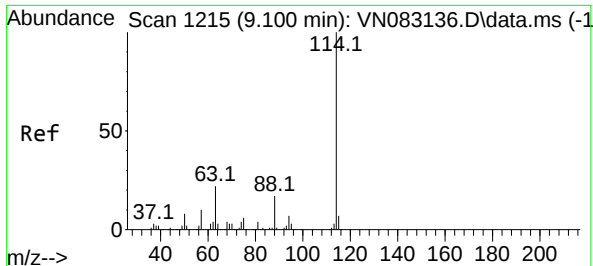
Tgt Ion: 43 Resp: 6055
Ion Ratio Lower Upper
43 100
72 17.1 18.2 27.2#



#33
1,2-Dichloroethane-d4
Concen: 55.673 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083517.D
Acq: 27 Aug 2024 18:19

Tgt Ion: 65 Resp: 108707
Ion Ratio Lower Upper
65 100
67 49.5 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: VN083517.D

Acq: 27 Aug 2024 18:19

Instrument :

MSVOA_N

ClientSampleId :

WC-4

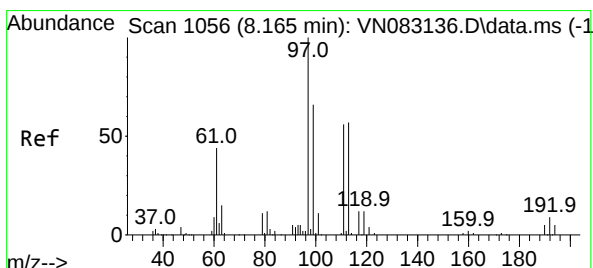
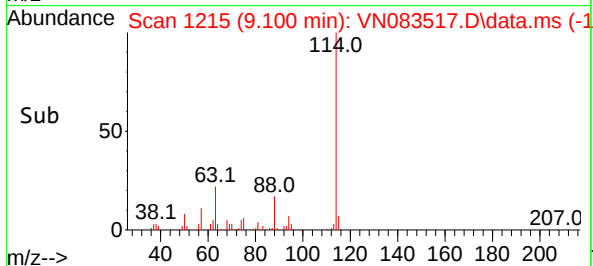
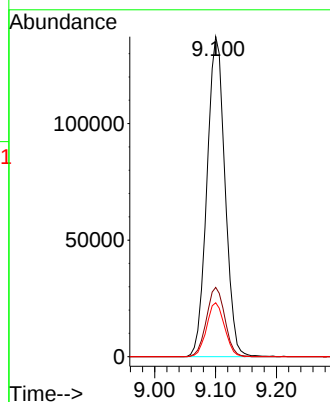
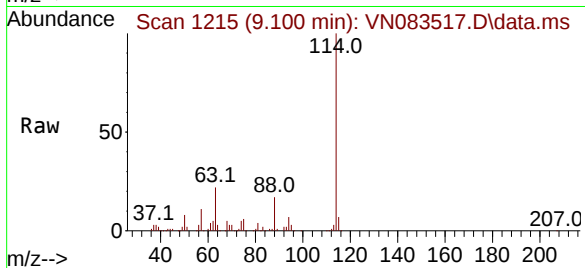
Tgt Ion:114 Resp: 282503

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.6

88 16.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.866 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083517.D

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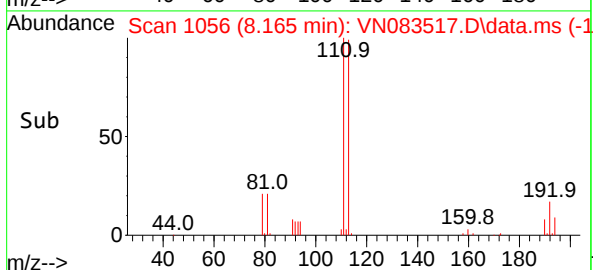
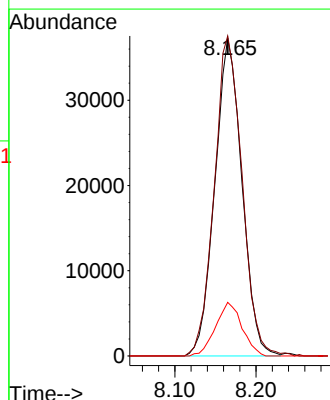
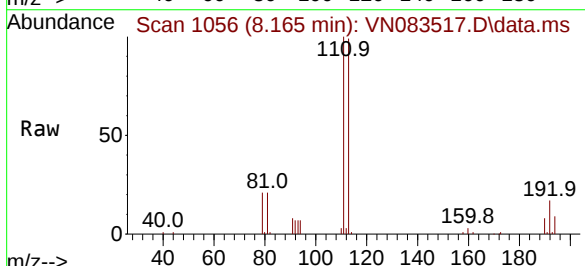
Tgt Ion:113 Resp: 86166

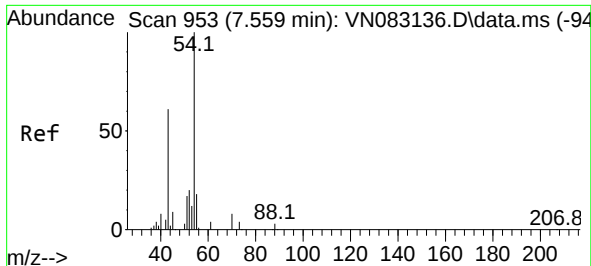
Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 16.5 14.9 22.3

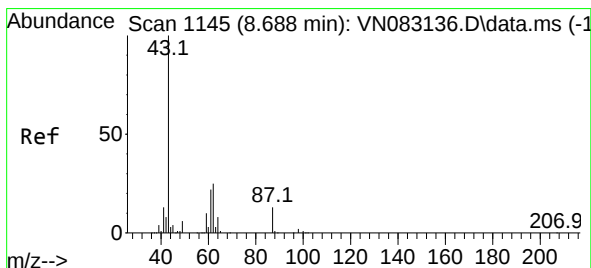
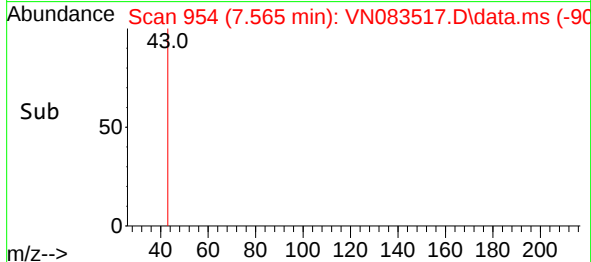
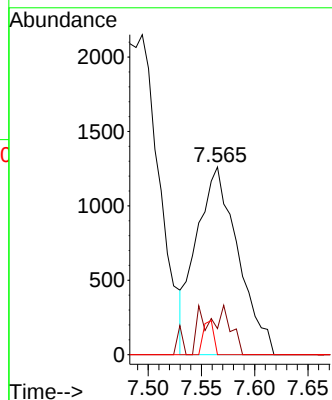
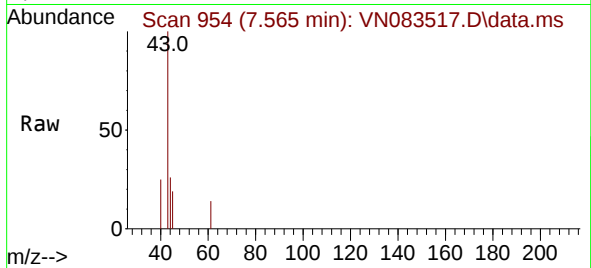




#37
Ethyl Acetate
Concen: 1.146 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN083517.D
Acq: 27 Aug 2024 18:19

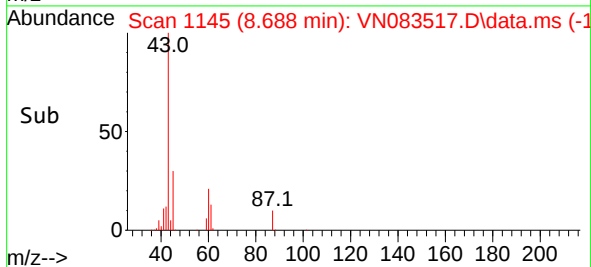
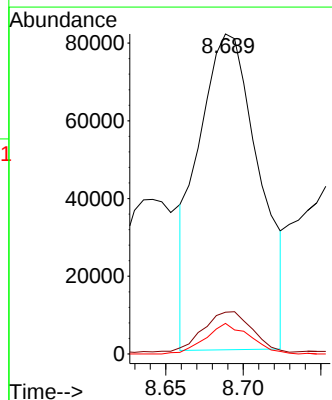
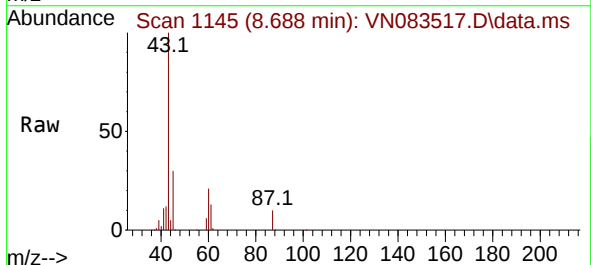
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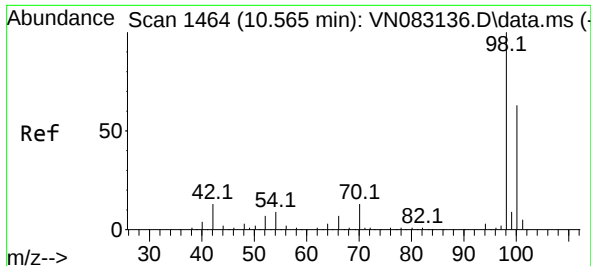
Tgt Ion: 43 Resp: 3423
Ion Ratio Lower Upper
43 100
61 16.2 9.3 13.9#
70 4.5 7.0 10.6#



#43
Isopropyl Acetate
Concen: 42.210 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083517.D
Acq: 27 Aug 2024 18:19

Tgt Ion: 43 Resp: 221138
Ion Ratio Lower Upper
43 100
61 11.9 17.8 26.6#
87 7.1 8.2 12.2#

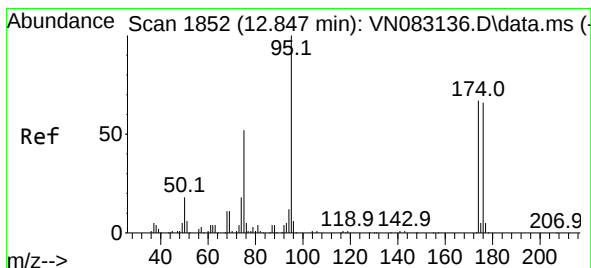
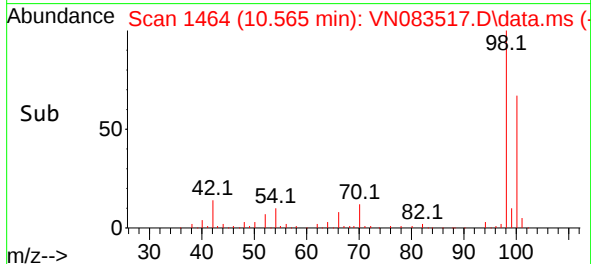
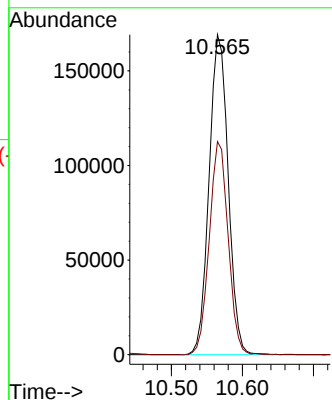
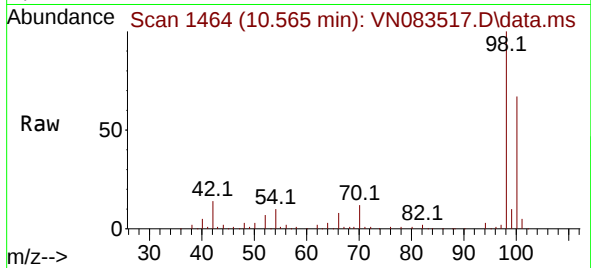




#50
Toluene-d8
Concen: 48.014 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083517.D
Acq: 27 Aug 2024 18:19

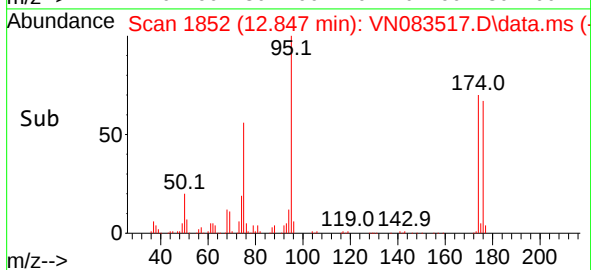
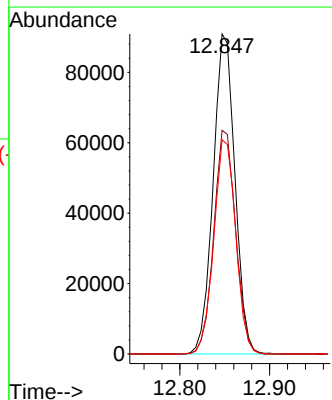
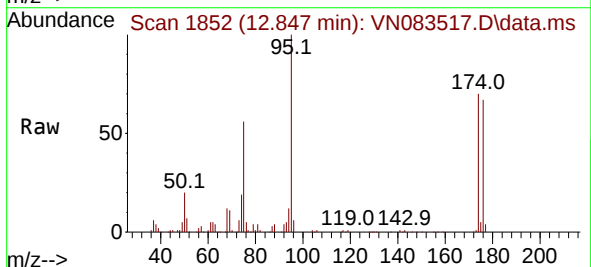
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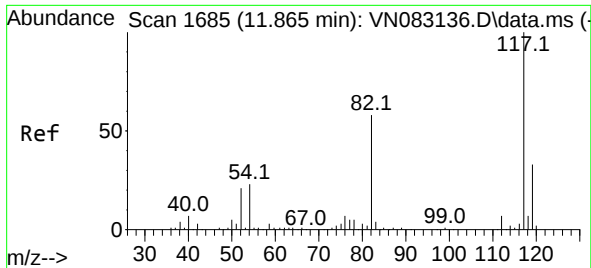
Tgt Ion: 98 Resp: 315818
Ion Ratio Lower Upper
98 100
100 65.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 59.754 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083517.D
Acq: 27 Aug 2024 18:19

Tgt Ion: 95 Resp: 153228
Ion Ratio Lower Upper
95 100
174 70.2 0.0 159.2
176 67.5 0.0 147.6

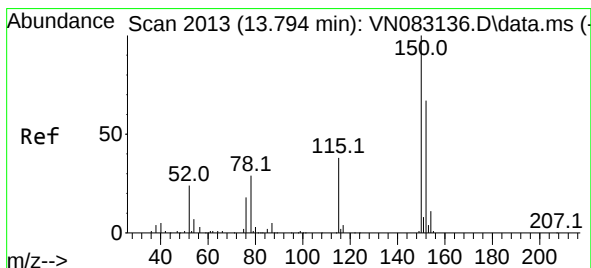
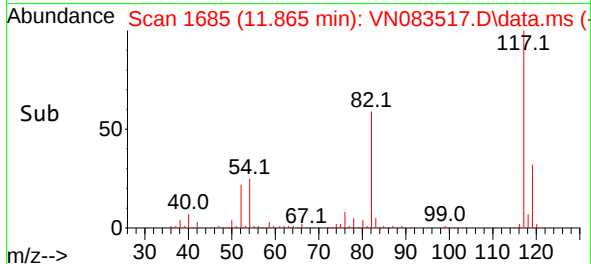
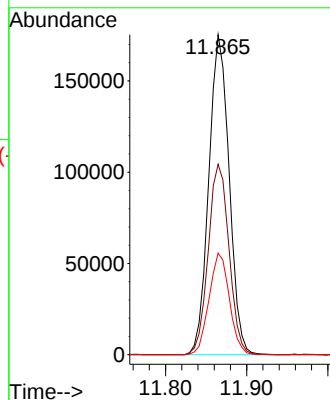
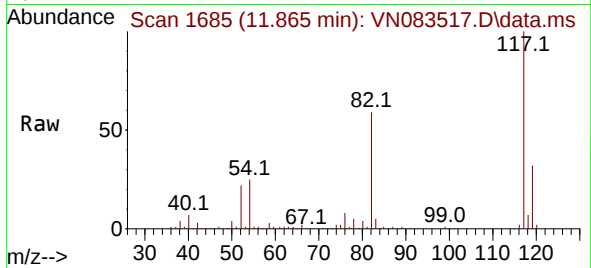




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083517.D
Acq: 27 Aug 2024 18:19

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 305351
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083517.D
Acq: 27 Aug 2024 18:19

Tgt Ion:152 Resp: 154568
Ion Ratio Lower Upper
152 100
115 63.7 30.6 91.6
150 157.1 0.0 348.6

