

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083520.D
 Acq On : 27 Aug 2024 19:32
 Operator : JC\MD
 Sample : P3739-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-3

Quant Time: Aug 28 08:26:20 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)

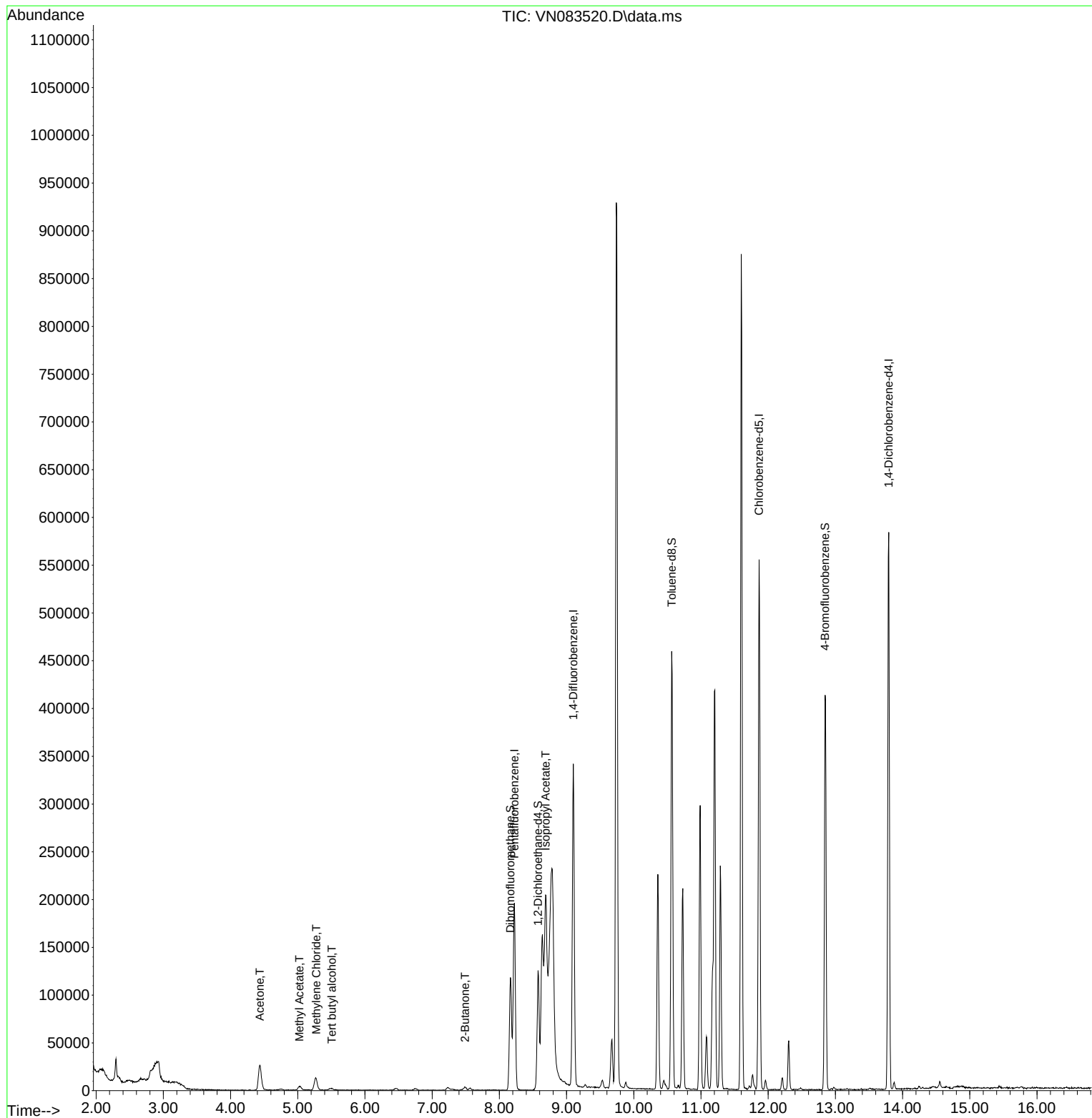
Internal Standards						
1) Pentafluorobenzene	8.224	168	133147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106751	56.327	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.660%		
35) Dibromofluoromethane	8.165	113	83532	48.527	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.060%		
50) Toluene-d8	10.565	98	309091	48.137	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.280%		
62) 4-Bromofluorobenzene	12.847	95	148501	59.322	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 118.640%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.506	59	2771	7.036	ug/l #	71
16) Acetone	4.436	43	50578	68.203	ug/l	99
18) Methyl Acetate	5.024	43	9261	4.191	ug/l #	81
20) Methylene Chloride	5.277	84	9612	5.632	ug/l	85
25) 2-Butanone	7.488	43	6263	5.500	ug/l #	78
43) Isopropyl Acetate	8.688	43	256782	50.839	ug/l #	78

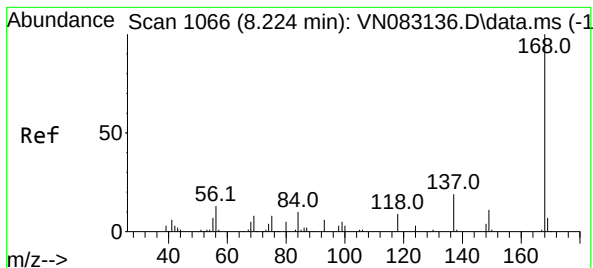
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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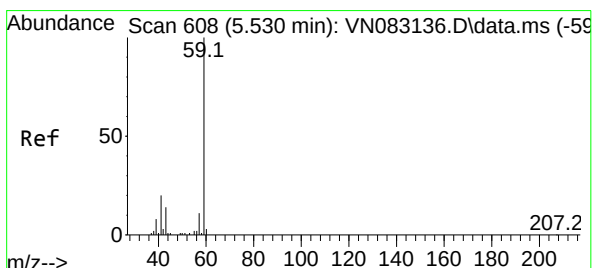
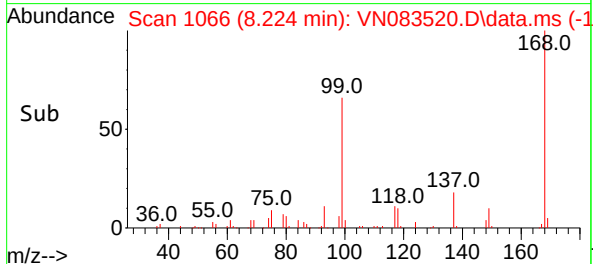
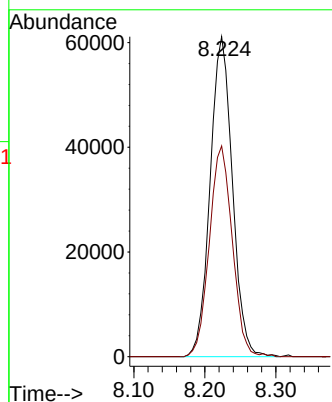
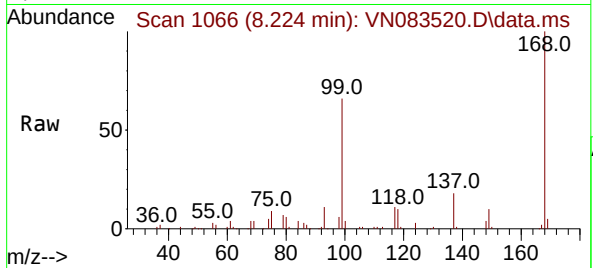




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

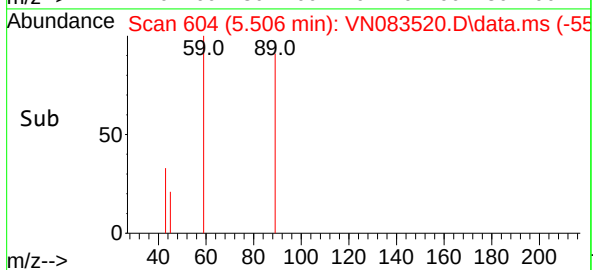
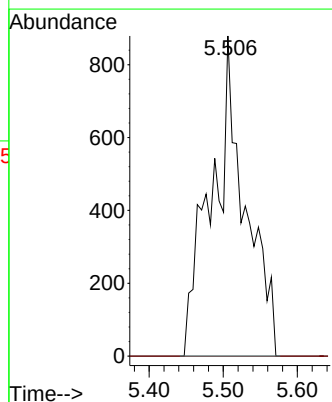
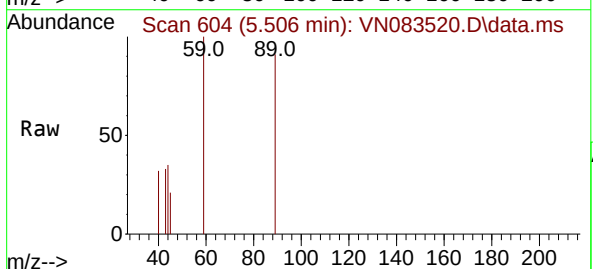
Instrument :
MSVOA_N
ClientSampleId :
WC-3

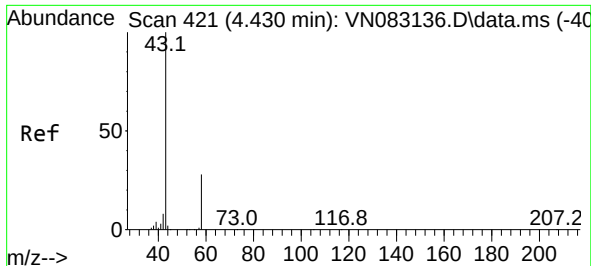
Tgt Ion:168 Resp: 133147
Ion Ratio Lower Upper
168 100
99 65.9 48.2 72.4



#11
Tert butyl alcohol
Concen: 7.036 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.024 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Tgt Ion: 59 Resp: 2771
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

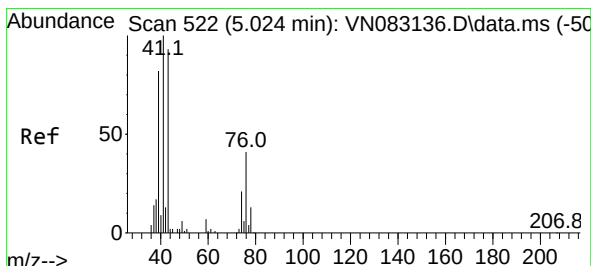
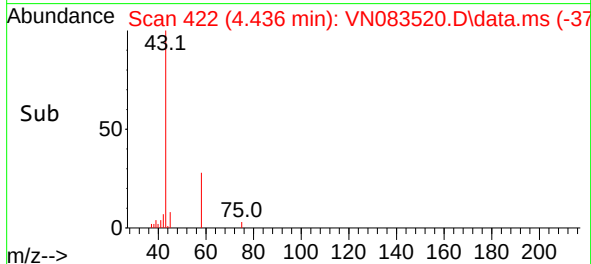
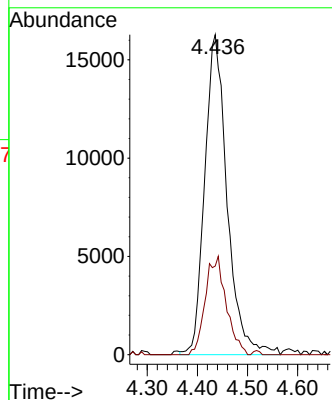
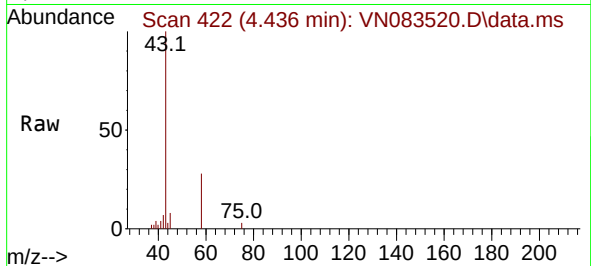




#16
Acetone
Concen: 68.203 ug/l
RT: 4.436 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

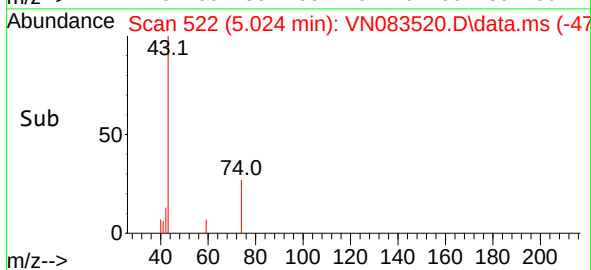
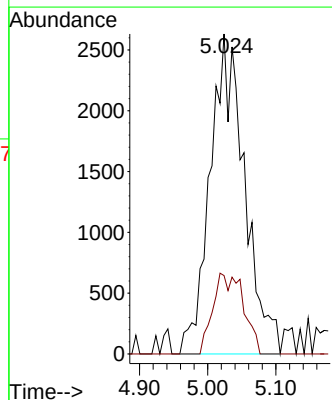
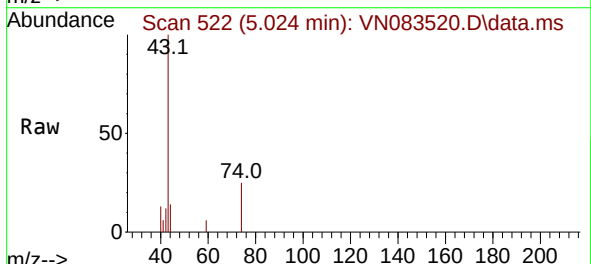
Instrument :
MSVOA_N
ClientSampleId :
WC-3

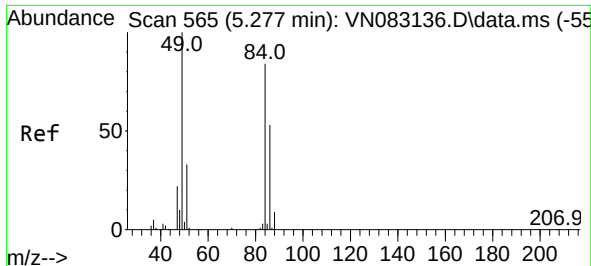
Tgt Ion: 43 Resp: 50578
Ion Ratio Lower Upper
43 100
58 27.7 21.8 32.6



#18
Methyl Acetate
Concen: 4.191 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Tgt Ion: 43 Resp: 9261
Ion Ratio Lower Upper
43 100
74 11.6 16.3 24.5#

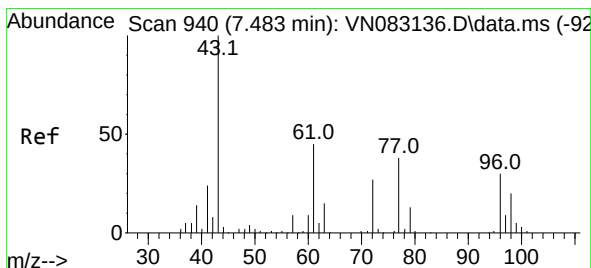
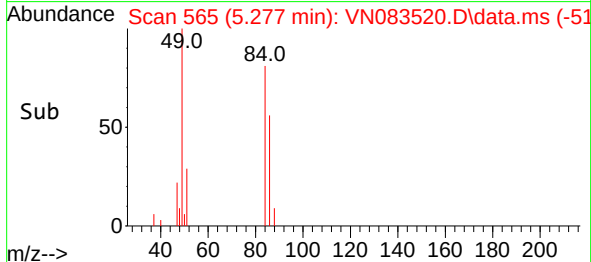
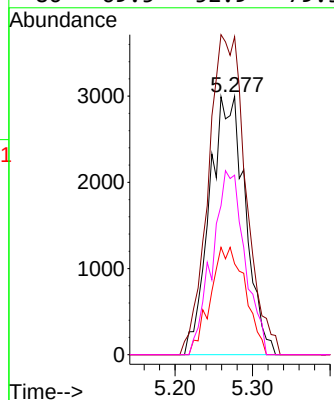
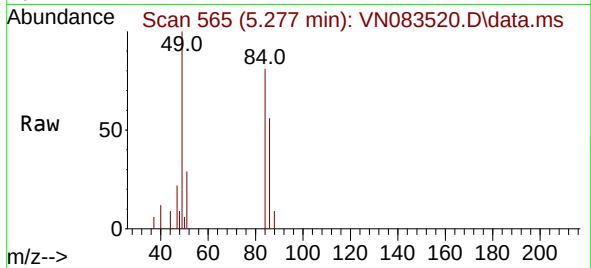




#20
Methylene Chloride
Concen: 5.632 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

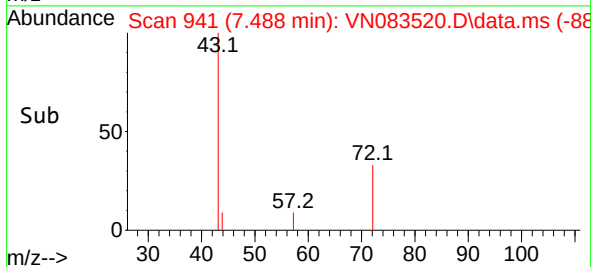
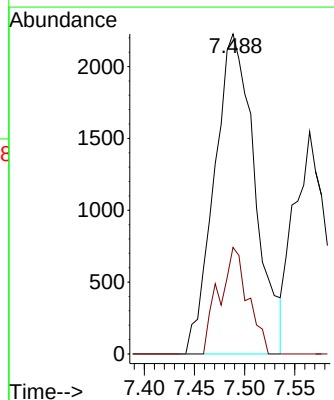
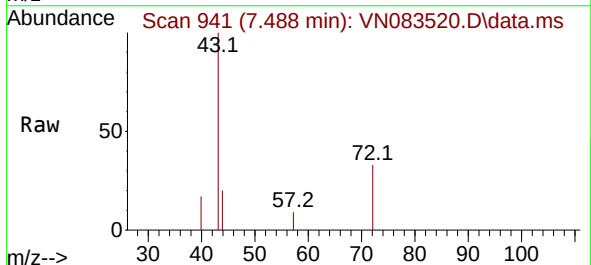
Instrument :
MSVOA_N
ClientSampleId :
WC-3

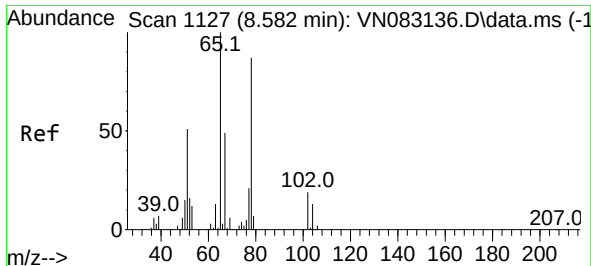
Tgt Ion:	84	Resp:	9612
Ion	Ratio	Lower	Upper
84	100		
49	123.1	119.6	179.4
51	35.2	34.8	52.2
86	69.5	52.9	79.3



#25
2-Butanone
Concen: 5.500 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Tgt Ion:	43	Resp:	6263
Ion	Ratio	Lower	Upper
43	100		
72	33.3	18.2	27.2#





#33

1,2-Dichloroethane-d4

Concen: 56.327 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083520.D

Acq: 27 Aug 2024 19:32

Instrument :

MSVOA_N

ClientSampleId :

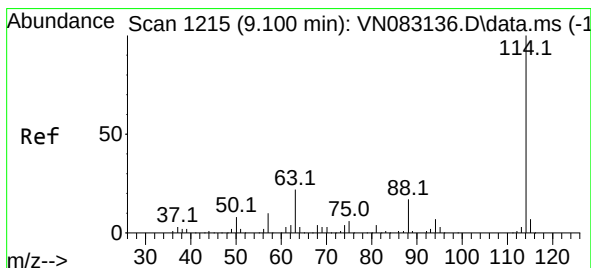
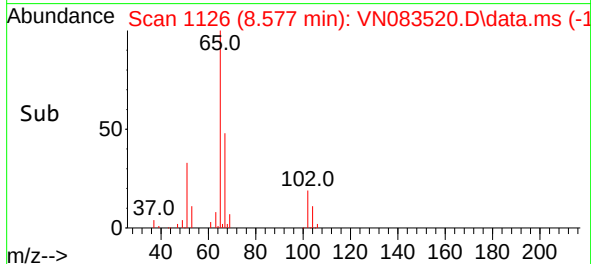
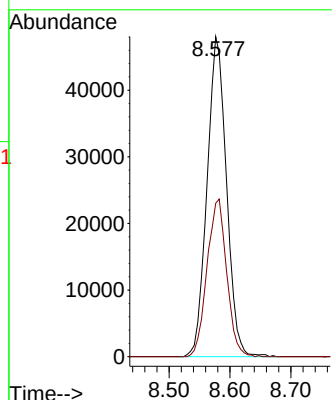
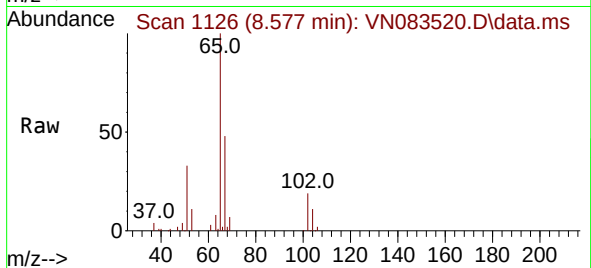
WC-3

Tgt Ion: 65 Resp: 106751

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083520.D

Acq: 27 Aug 2024 19:32

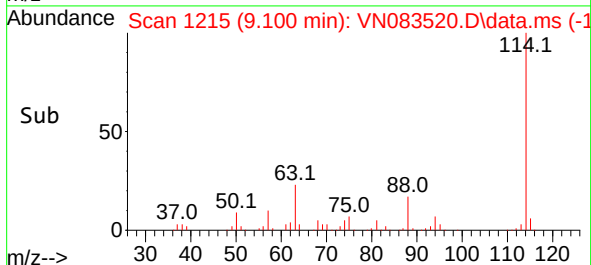
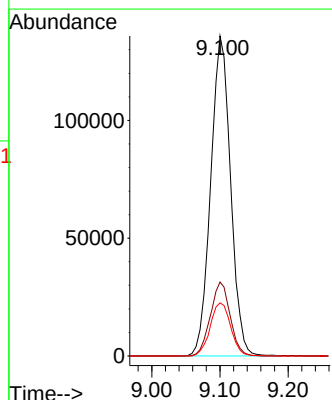
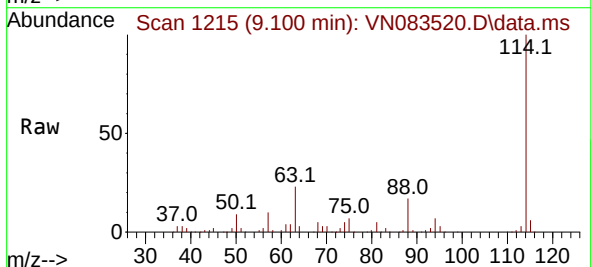
Tgt Ion: 114 Resp: 275781

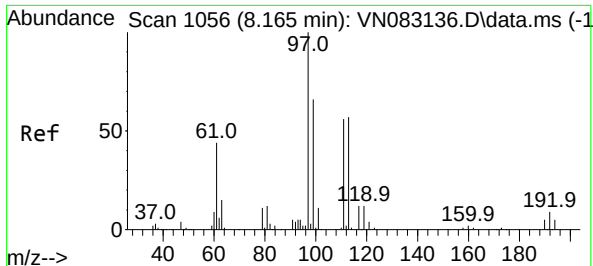
Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.527 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083520.D

Acq: 27 Aug 2024 19:32

Instrument :

MSVOA_N

ClientSampleId :

WC-3

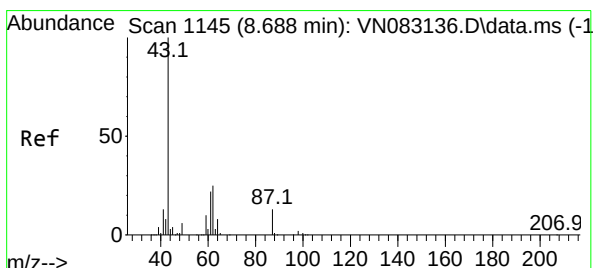
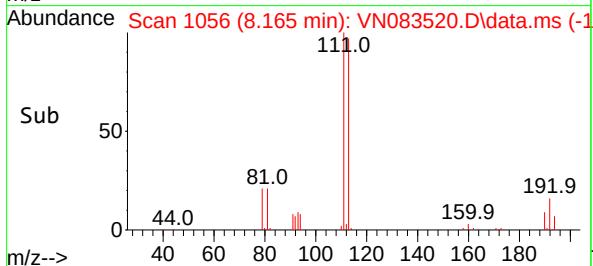
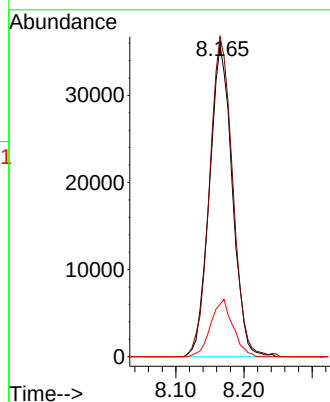
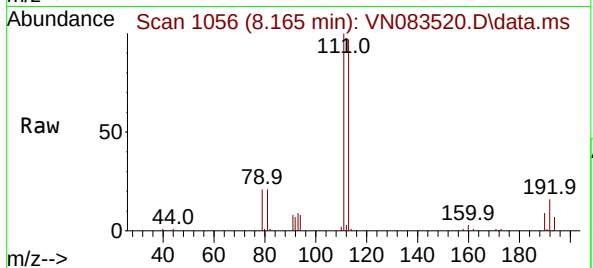
Tgt Ion:113 Resp: 83532

Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

192 17.8 14.9 22.3



#43

Isopropyl Acetate

Concen: 50.839 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083520.D

Acq: 27 Aug 2024 19:32

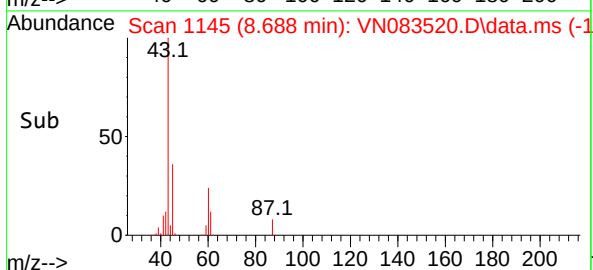
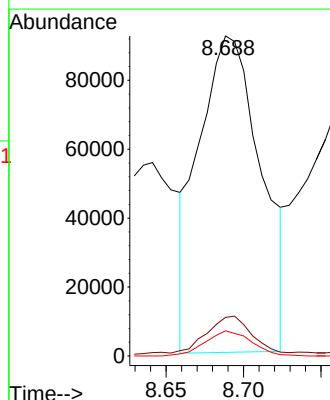
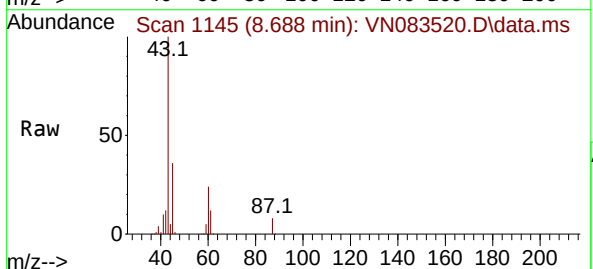
Tgt Ion: 43 Resp: 256782

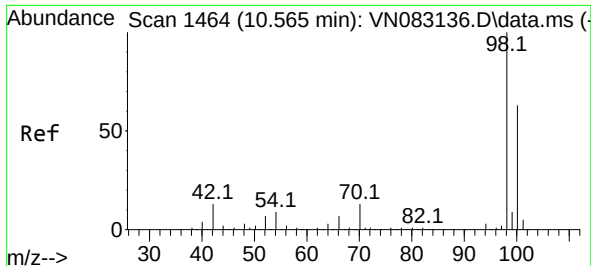
Ion Ratio Lower Upper

43 100

61 9.6 17.8 26.6#

87 5.9 8.2 12.2#

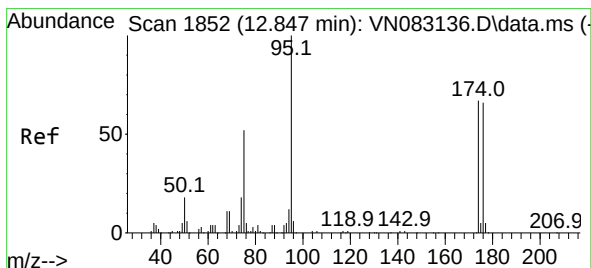
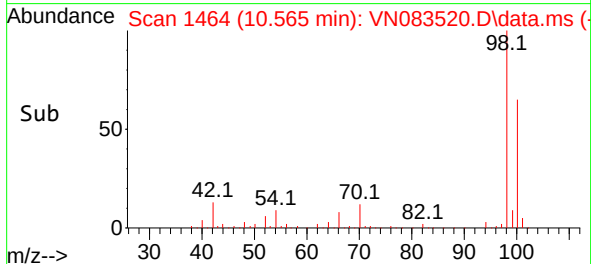
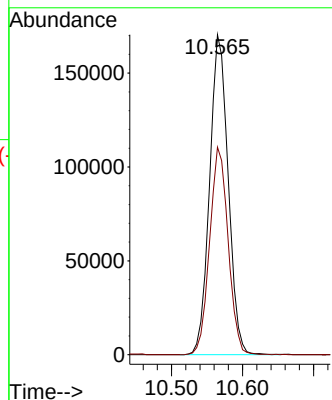
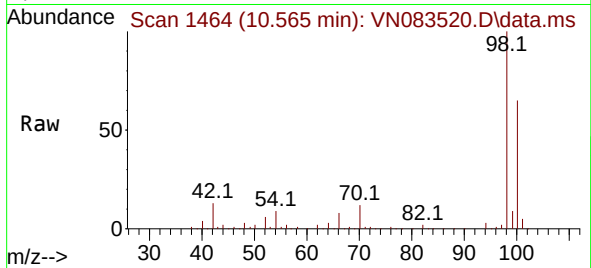




#50
Toluene-d8
Concen: 48.137 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

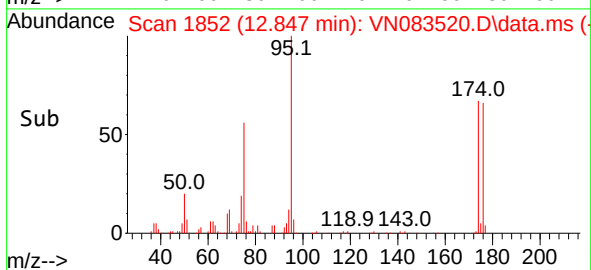
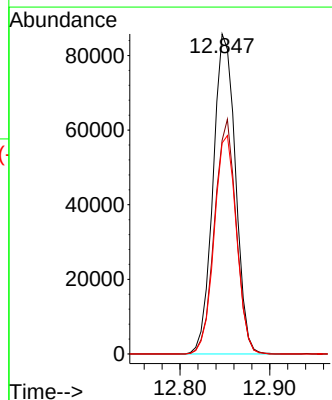
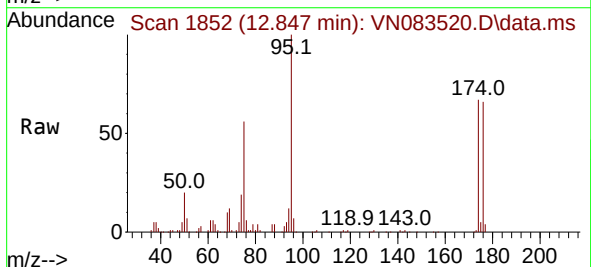
Instrument :
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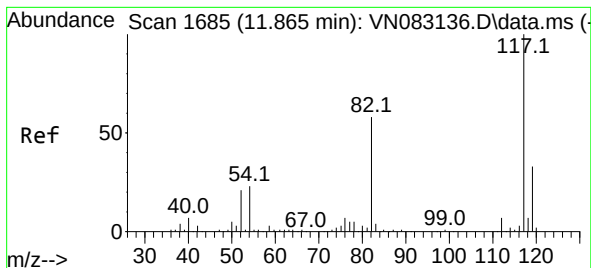
Tgt Ion: 98 Resp: 309091
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 59.322 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Tgt Ion: 95 Resp: 148501
Ion Ratio Lower Upper
95 100
174 70.8 0.0 159.2
176 67.9 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: VN083520.D

Acq: 27 Aug 2024 19:32

Instrument :

MSVOA_N

ClientSampleId :

WC-3

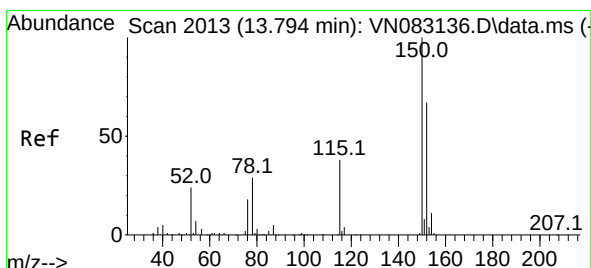
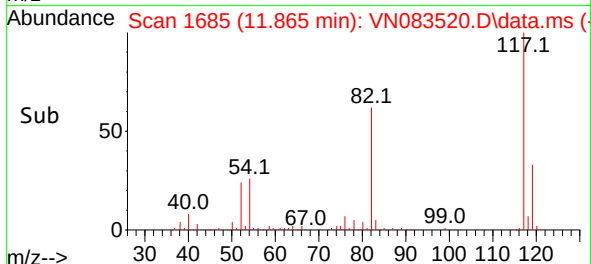
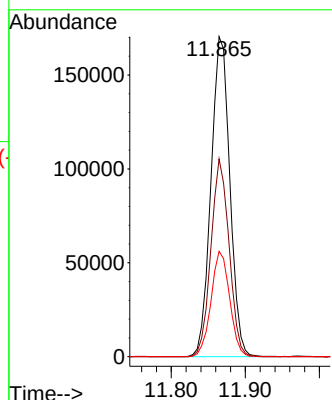
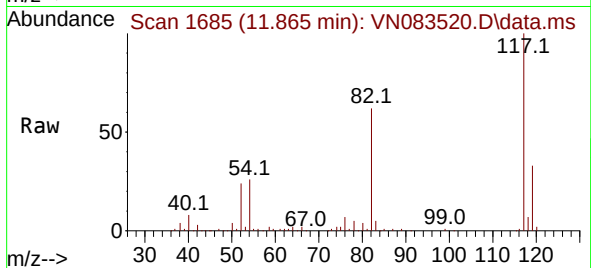
Tgt Ion:117 Resp: 301262

Ion Ratio Lower Upper

117 100

82 61.8 47.5 71.3

119 32.9 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: VN083520.D

Acq: 27 Aug 2024 19:32

Tgt Ion:152 Resp: 150037

Ion Ratio Lower Upper

152 100

115 63.8 30.6 91.6

150 156.8 0.0 348.6

