

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083460.D
 Acq On : 23 Aug 2024 15:00
 Operator : JC\MD
 Sample : P3704-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LNG-Soil Pile

Quant Time: Aug 24 00:02:15 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)

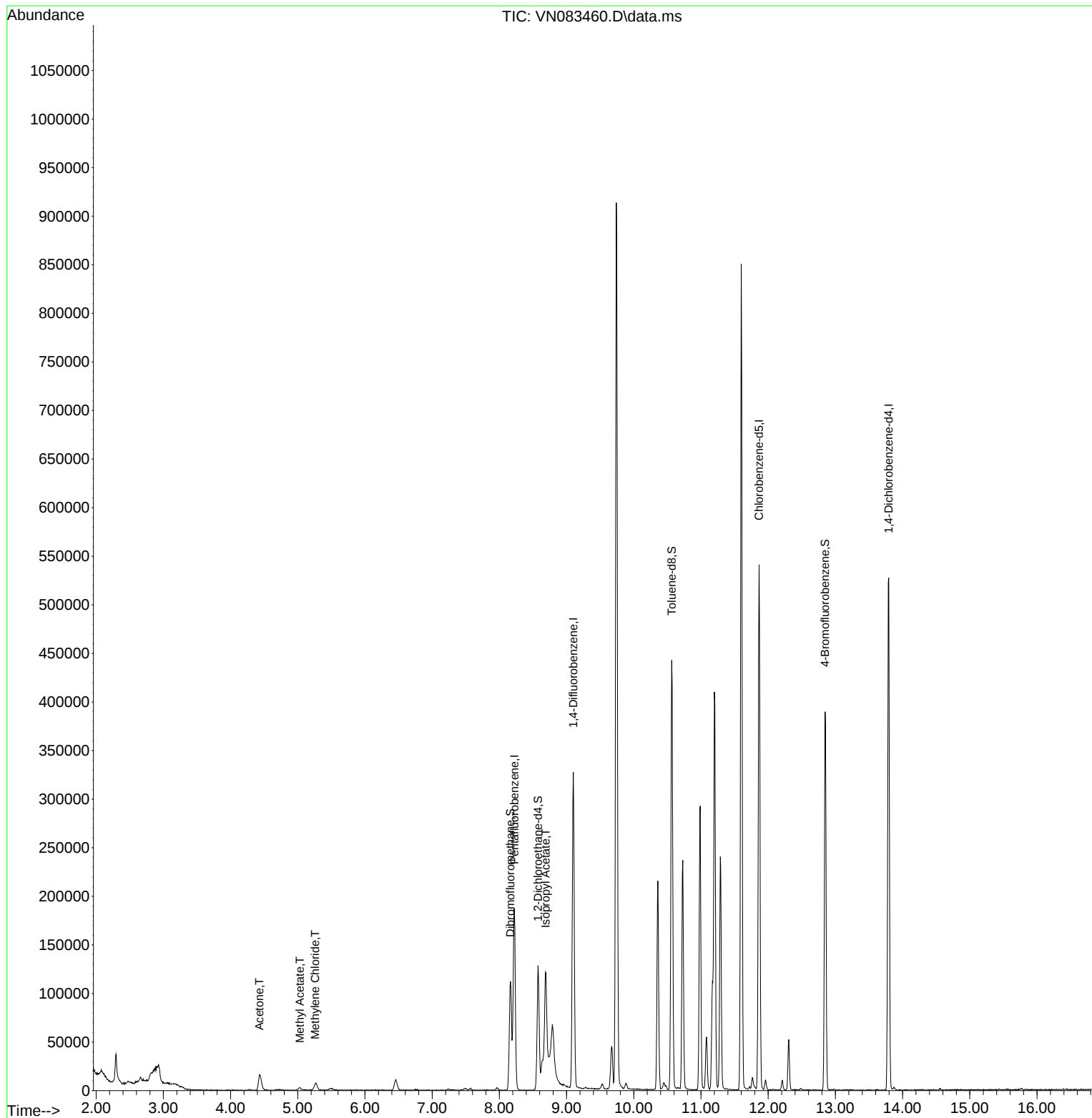
Internal Standards						
1) Pentafluorobenzene	8.224	168	130334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105028	56.614	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.220%
35) Dibromofluoromethane	8.165	113	82028	49.251	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.500%
50) Toluene-d8	10.565	98	304784	49.058	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.847	95	138751	57.286	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	114.580%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	30959	42.648	ug/l	96
18) Methyl Acetate	5.030	43	5970	2.760	ug/l #	87
20) Methylene Chloride	5.259	84	5802	3.473	ug/l #	75
43) Isopropyl Acetate	8.688	43	183592	36.757	ug/l #	84

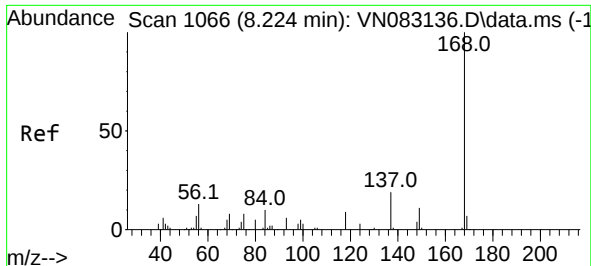
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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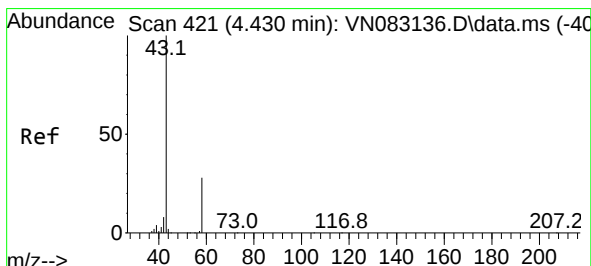
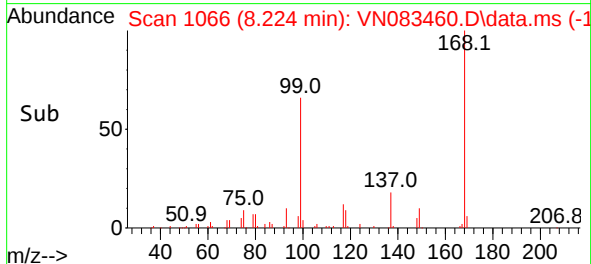
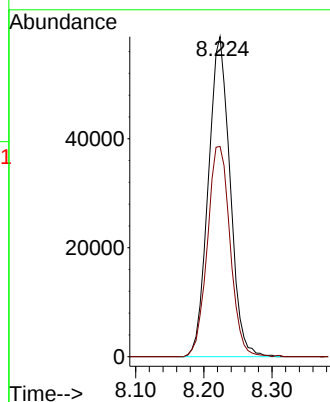
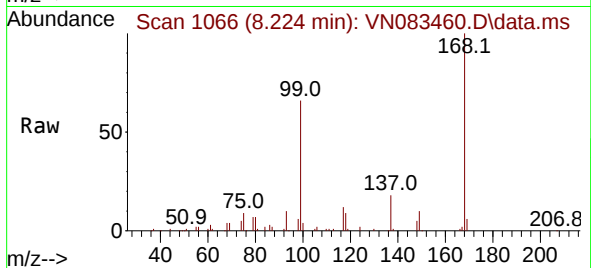




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083460.D
Acq: 23 Aug 2024 15:00

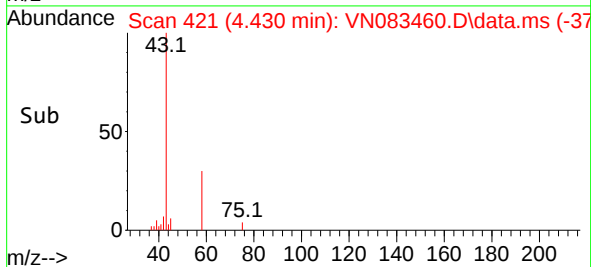
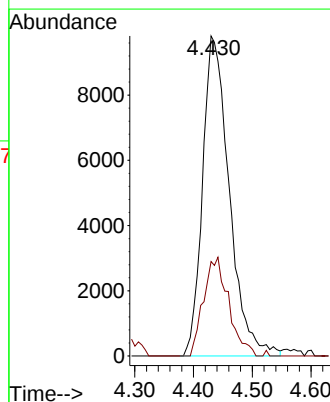
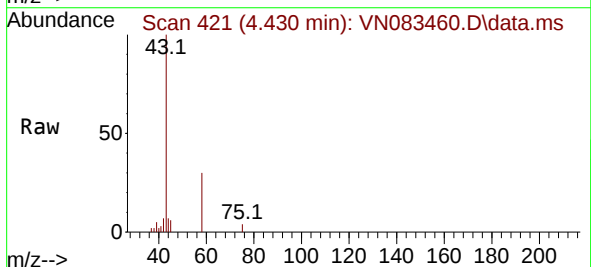
Instrument :
MSVOA_N
ClientSampleId :
LNG-Soil Pile

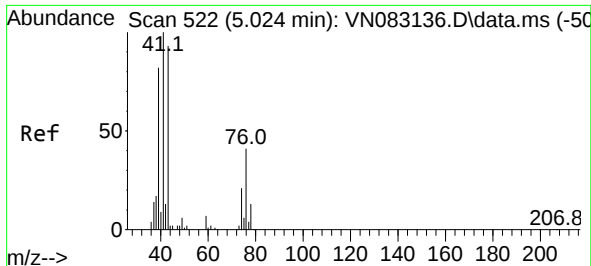
Tgt Ion:168 Resp: 130334
Ion Ratio Lower Upper
168 100
99 65.7 48.2 72.4



#16
Acetone
Concen: 42.648 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083460.D
Acq: 23 Aug 2024 15:00

Tgt Ion: 43 Resp: 30959
Ion Ratio Lower Upper
43 100
58 29.5 21.8 32.6

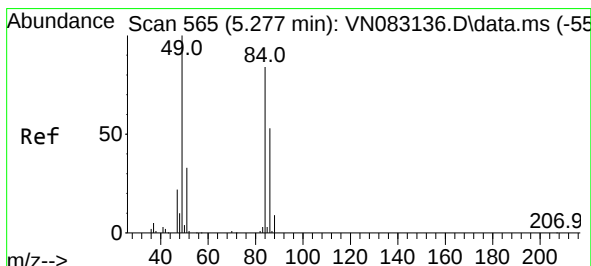
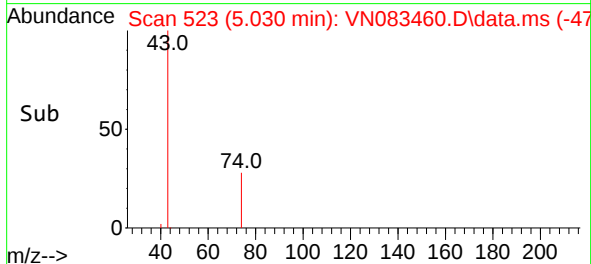
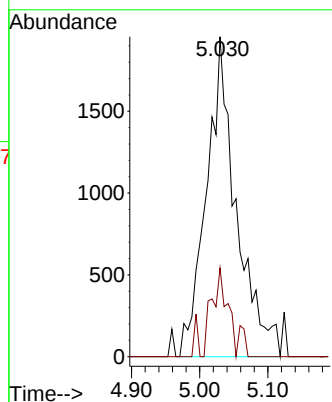
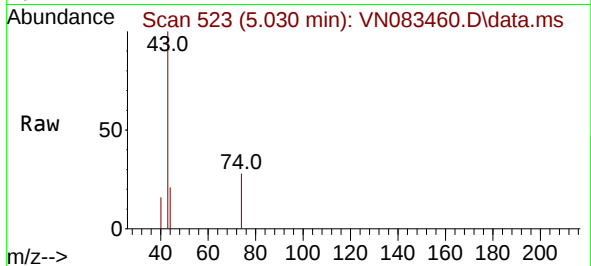




#18
Methyl Acetate
Concen: 2.760 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083460.D
Acq: 23 Aug 2024 15:00

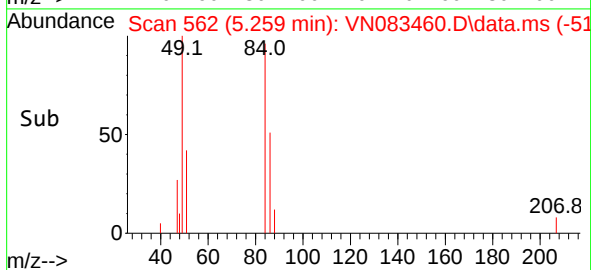
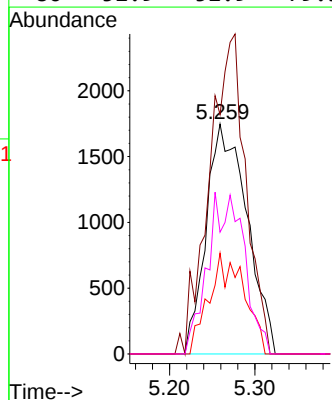
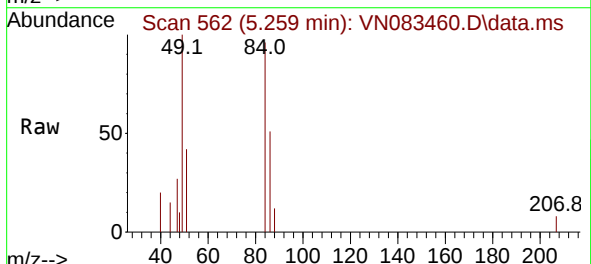
Instrument :
MSVOA_N
ClientSampleId :
LNG-Soil Pile

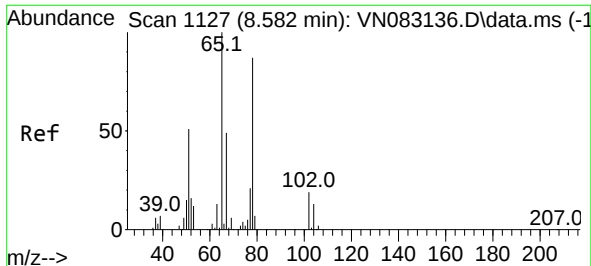
Tgt Ion: 43 Resp: 5970
Ion Ratio Lower Upper
43 100
74 14.4 16.3 24.5#



#20
Methylene Chloride
Concen: 3.473 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.018 min
Lab File: VN083460.D
Acq: 23 Aug 2024 15:00

Tgt Ion: 84 Resp: 5802
Ion Ratio Lower Upper
84 100
49 104.1 119.6 179.4#
51 43.8 34.8 52.2
86 52.9 52.9 79.3

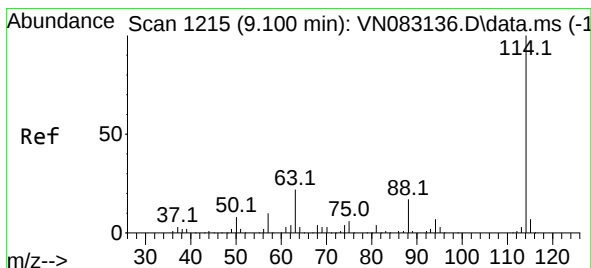
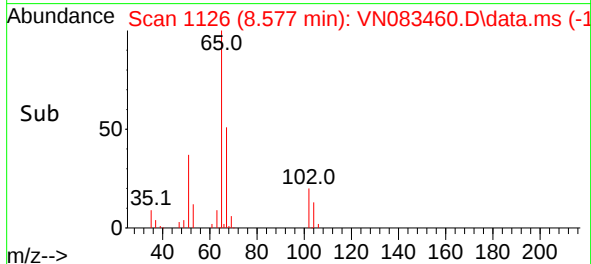
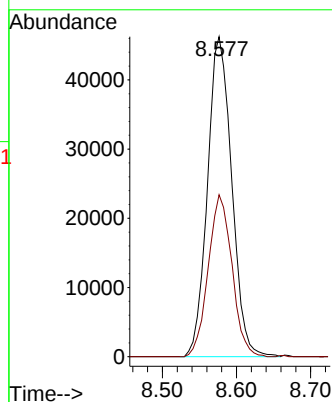
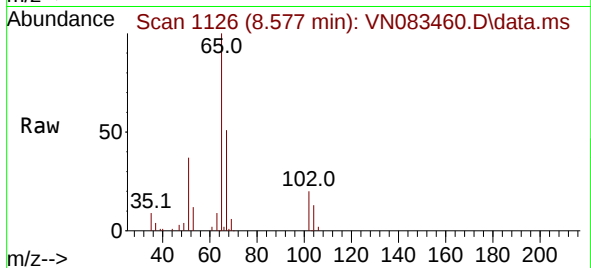




#33
 1,2-Dichloroethane-d4
 Concen: 56.614 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.005 min
 Lab File: VN083460.D
 Acq: 23 Aug 2024 15:00

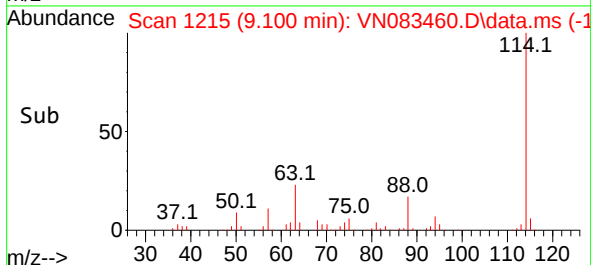
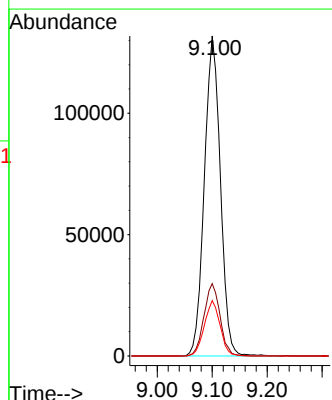
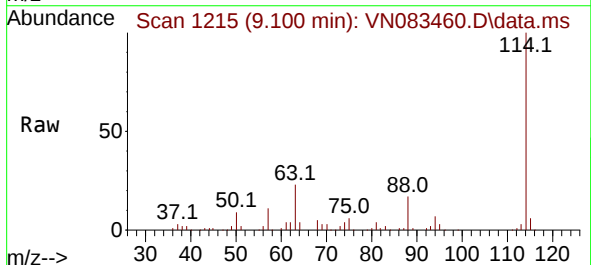
Instrument :
 MSVOA_N
 ClientSampleId :
 LNG-Soil Pile

Tgt Ion: 65 Resp: 105028
 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# 1215
 Delta R.T. -0.000 min
 Lab File: VN083460.D
 Acq: 23 Aug 2024 15:00

Tgt Ion: 114 Resp: 266833
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.6
 88 17.3 0.0 31.4

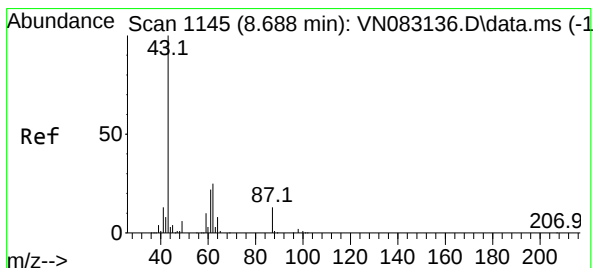
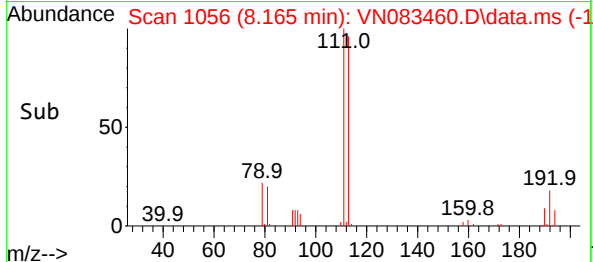
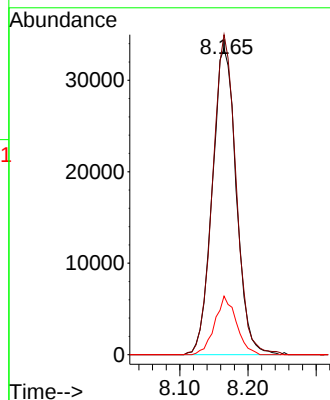
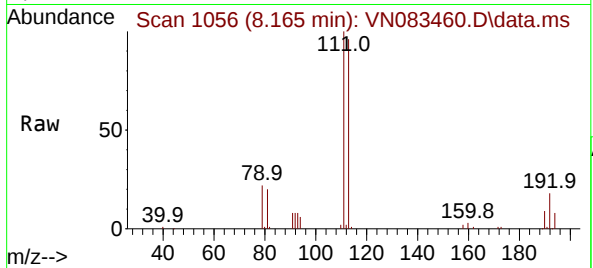




#35
Dibromofluoromethane
Concen: 49.251 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083460.D
Acq: 23 Aug 2024 15:00

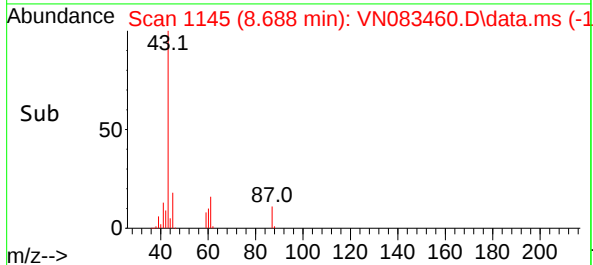
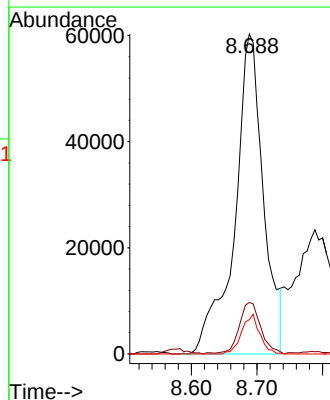
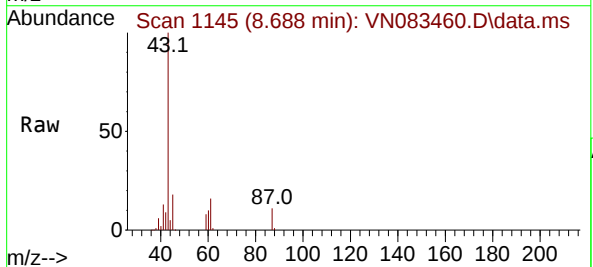
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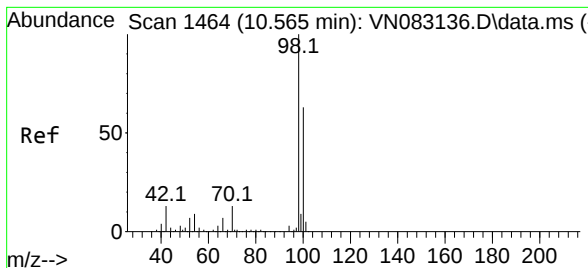
Tgt Ion:113 Resp: 82028
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 17.2 14.9 22.3



#43
Isopropyl Acetate
Concen: 36.757 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083460.D
Acq: 23 Aug 2024 15:00

Tgt Ion: 43 Resp: 183592
Ion Ratio Lower Upper
43 100
61 12.2 17.8 26.6#
87 7.8 8.2 12.2#

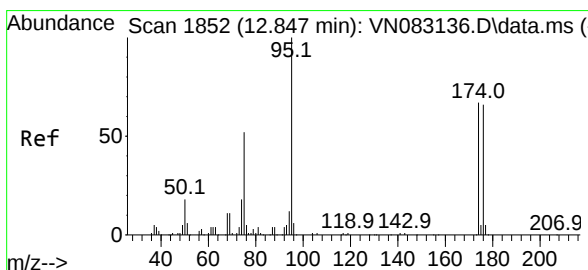
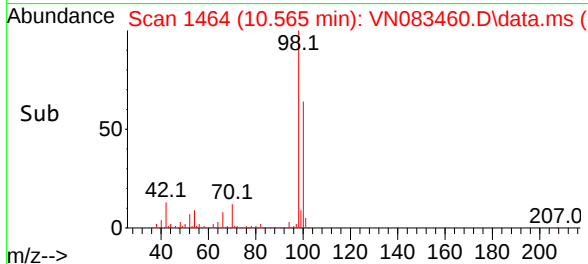
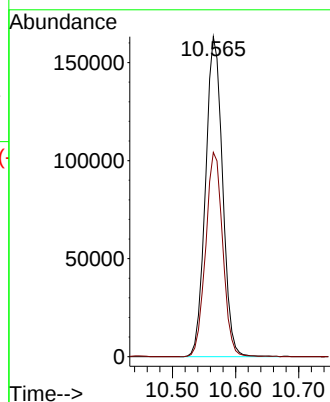
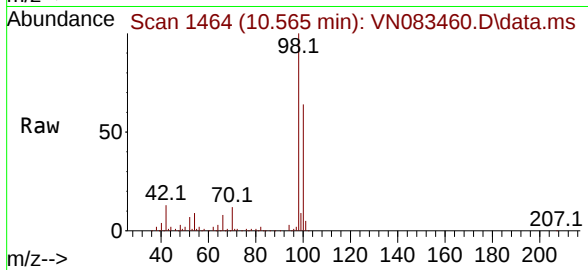




#50
Toluene-d8
Concen: 49.058 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083460.D
Acq: 23 Aug 2024 15:00

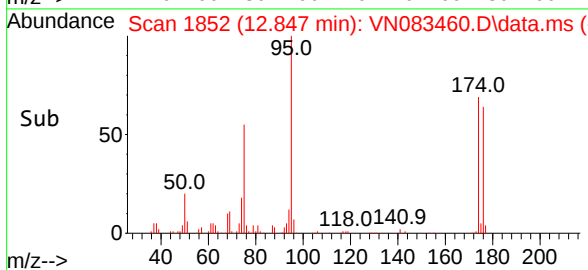
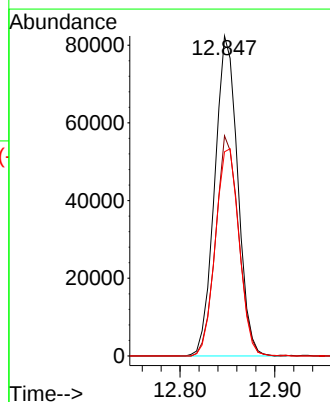
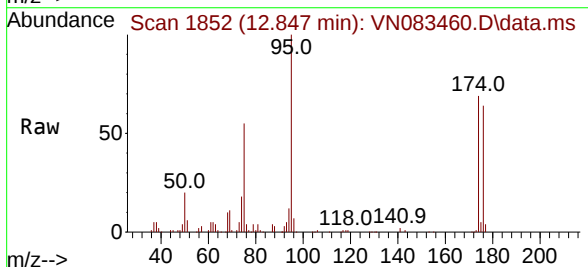
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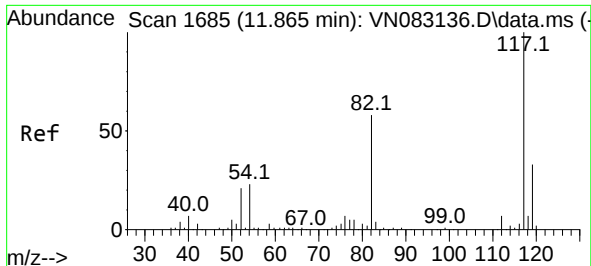
Tgt Ion: 98 Resp: 304784
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 57.286 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083460.D
Acq: 23 Aug 2024 15:00

Tgt Ion: 95 Resp: 138751
Ion Ratio Lower Upper
95 100
174 68.8 0.0 159.2
176 67.0 0.0 147.6

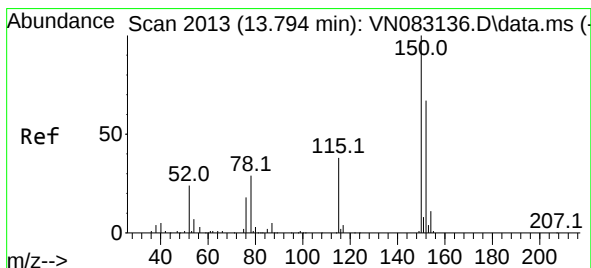
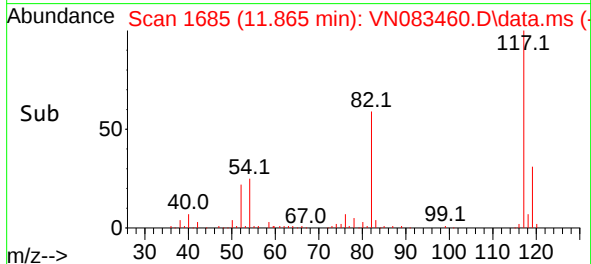
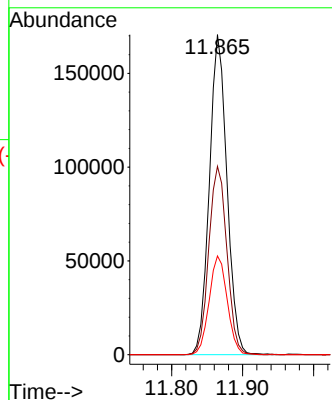
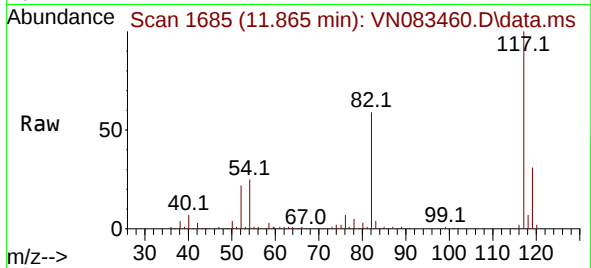




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083460.D
Acq: 23 Aug 2024 15:00

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 293475
Ion Ratio Lower Upper
117 100
82 58.9 47.5 71.3
119 30.8 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: VN083460.D
Acq: 23 Aug 2024 15:00

Tgt Ion:152 Resp: 137502
Ion Ratio Lower Upper
152 100
115 66.1 30.6 91.6
150 158.1 0.0 348.6

