

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083539.D
 Acq On : 28 Aug 2024 16:31
 Operator : JC\MD
 Sample : P3759-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(AUG)

Quant Time: Aug 28 17:13:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 2024
 Response via : Initial Calibration

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

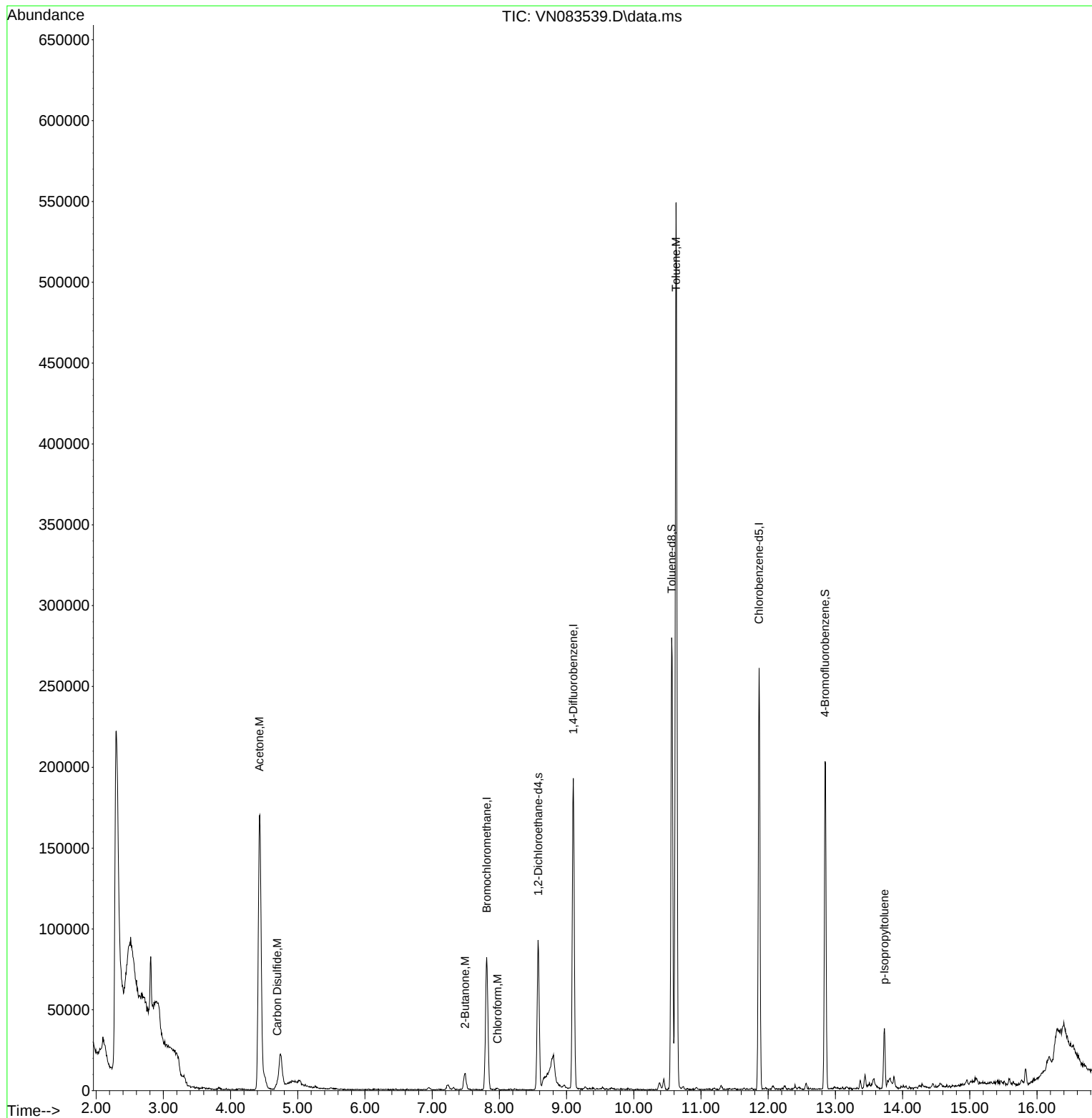
Internal Standards						
1) Bromochloromethane	7.812	128	27868	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	163727	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	142101	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77982	31.133	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.767%
60) 4-Bromofluorobenzene	12.847	95	72746	28.916	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.400%
63) Toluene-d8	10.565	98	194103	29.588	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.633%
Target Compounds						
					Qvalue	
15) Acetone	4.430	58	60263	218.736	ug/l	86
16) Carbon Disulfide	4.695	76	9225	1.960	ug/l #	90
25) Chloroform	7.971	83	982	0.262	ug/l	84
30) 2-Butanone	7.489	43	17402	13.206	ug/l #	73
62) Toluene	10.629	91	402678	48.988	ug/l	100
82) p-Isopropyltoluene	13.729	119	20038	2.638	ug/l	97

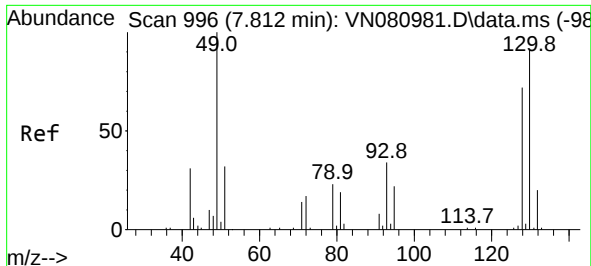
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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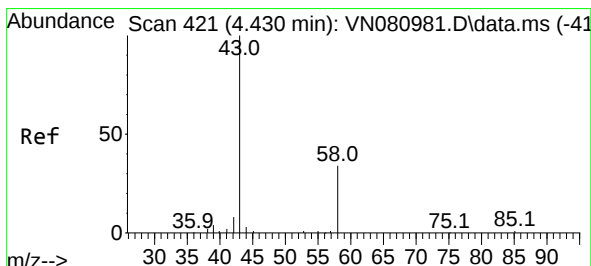
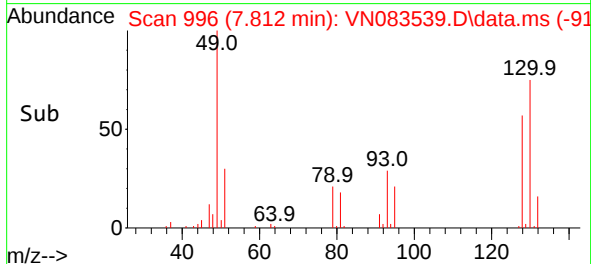
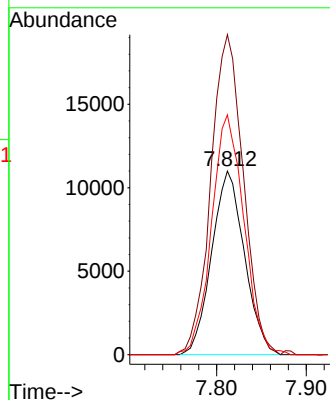
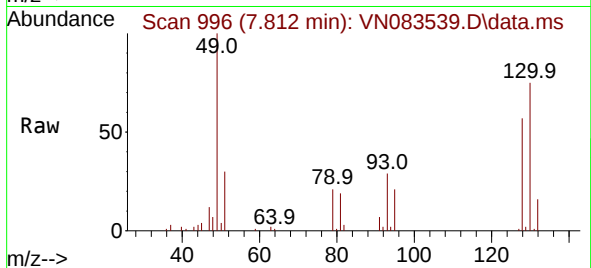




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083539.D
Acq: 28 Aug 2024 16:31

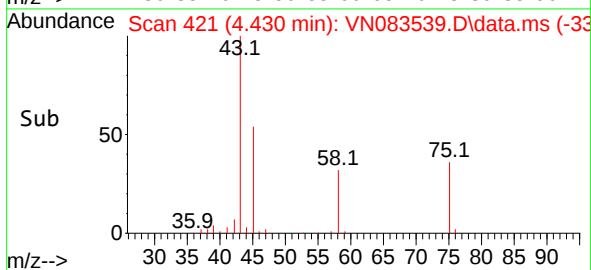
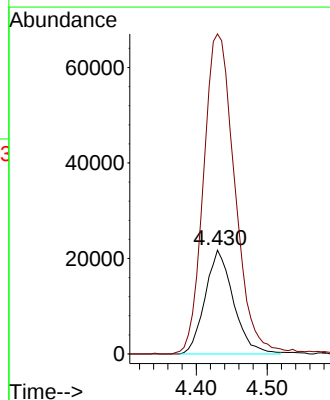
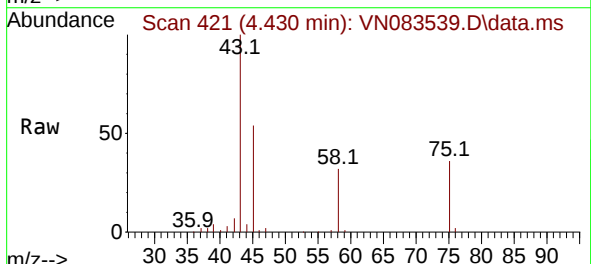
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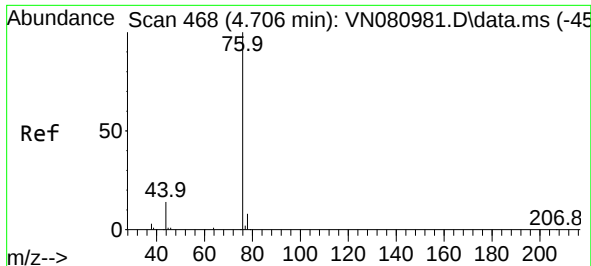
Tgt Ion:128 Resp: 27868
Ion Ratio Lower Upper
128 100
49 173.2 0.0 403.7
130 129.3 0.0 323.3



#15
Acetone
Concen: 218.736 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083539.D
Acq: 28 Aug 2024 16:31

Tgt Ion: 58 Resp: 60263
Ion Ratio Lower Upper
58 100
43 305.3 223.1 334.7

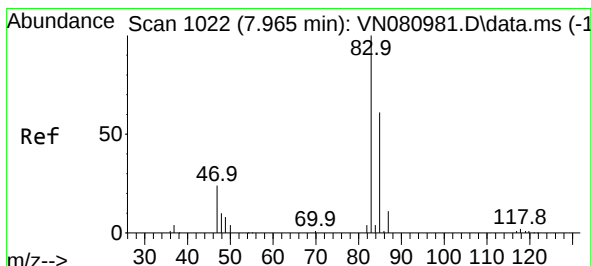
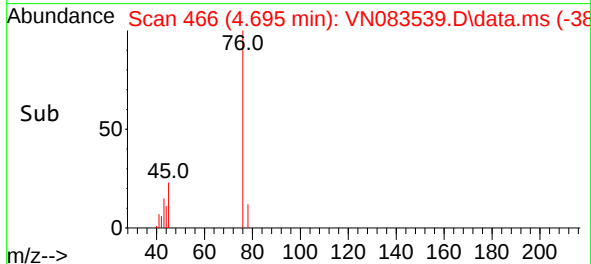
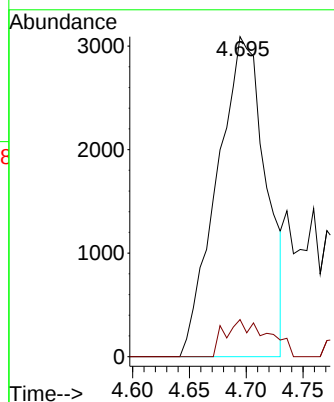
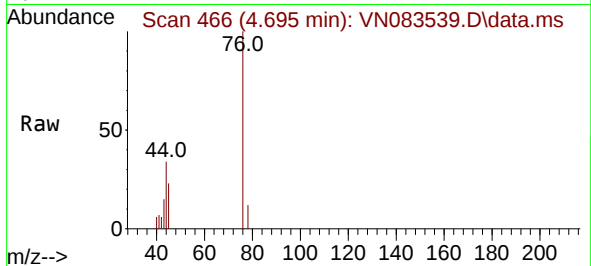




#16
Carbon Disulfide
Concen: 1.960 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.012 min
Lab File: VN083539.D
Acq: 28 Aug 2024 16:31

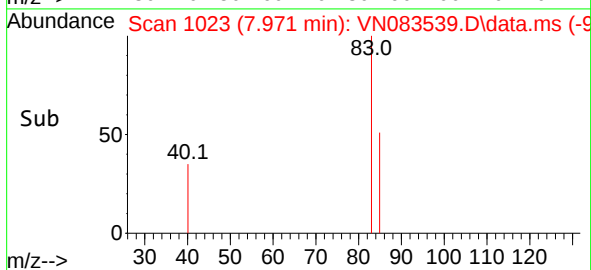
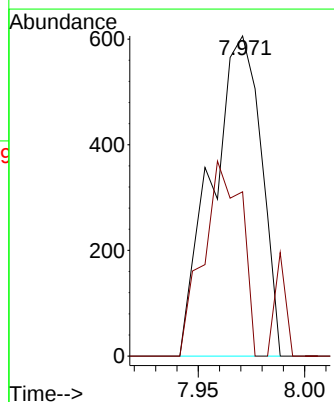
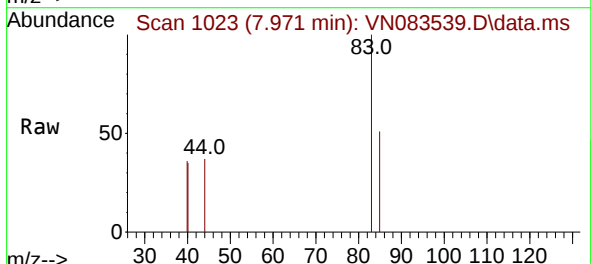
Instrument :
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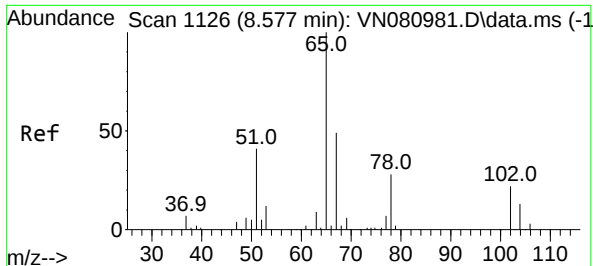
Tgt Ion: 76 Resp: 9225
Ion Ratio Lower Upper
76 100
78 11.6 6.3 9.5#



#25
Chloroform
Concen: 0.262 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN083539.D
Acq: 28 Aug 2024 16:31

Tgt Ion: 83 Resp: 982
Ion Ratio Lower Upper
83 100
85 51.3 50.9 76.3

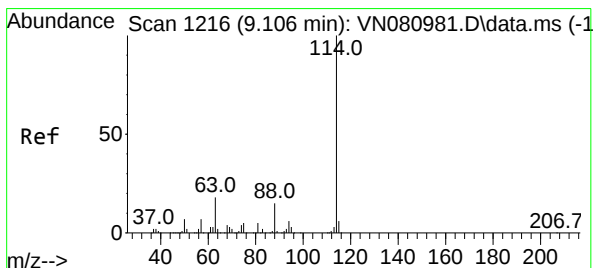
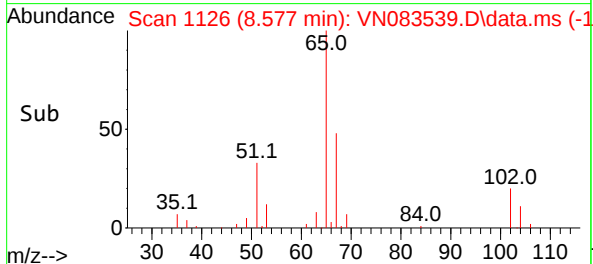
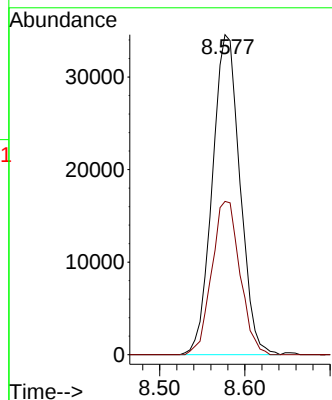
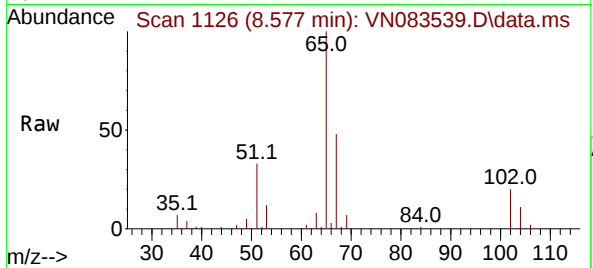




#27
 1,2-Dichloroethane-d4
 Concen: 31.133 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN083539.D
 Acq: 28 Aug 2024 16:31

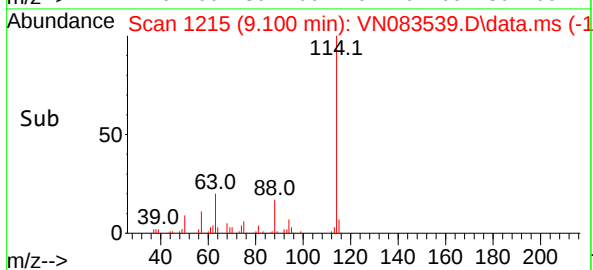
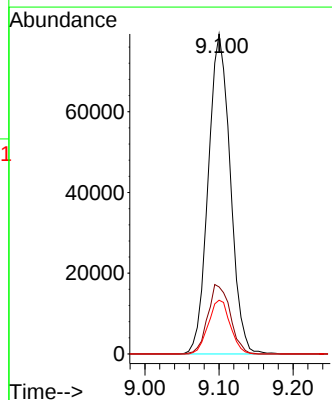
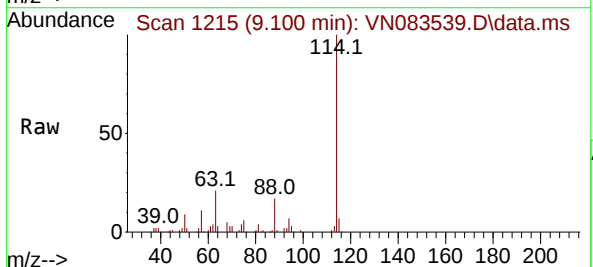
Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(AUG)

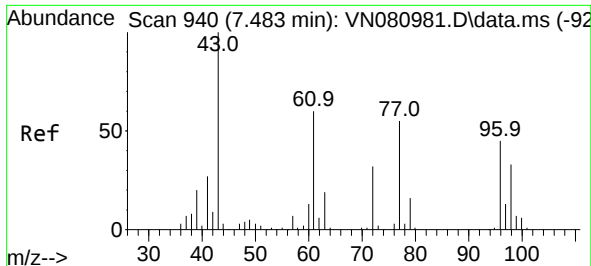
Tgt Ion: 65 Resp: 77982
 Ion Ratio Lower Upper
 65 100
 67 48.9 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN083539.D
 Acq: 28 Aug 2024 16:31

Tgt Ion: 114 Resp: 163727
 Ion Ratio Lower Upper
 114 100
 63 22.1 15.9 23.9
 88 16.6 12.7 19.1

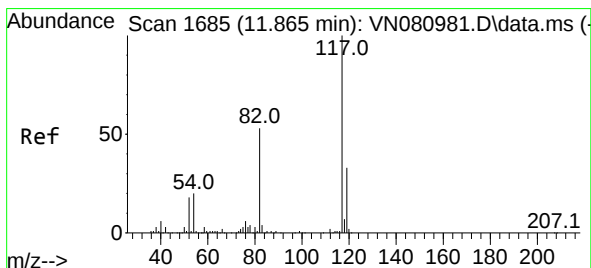
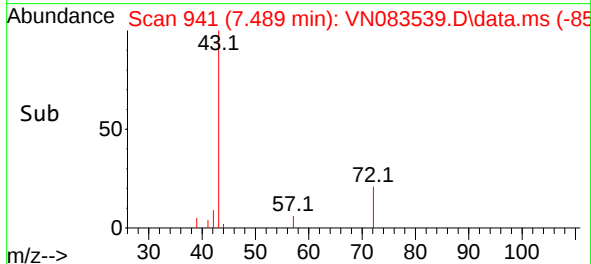
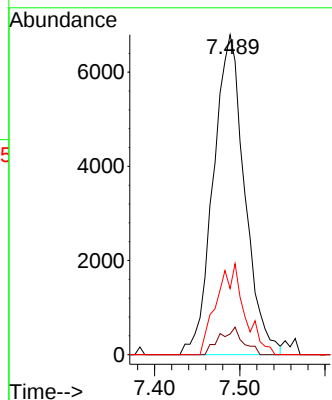
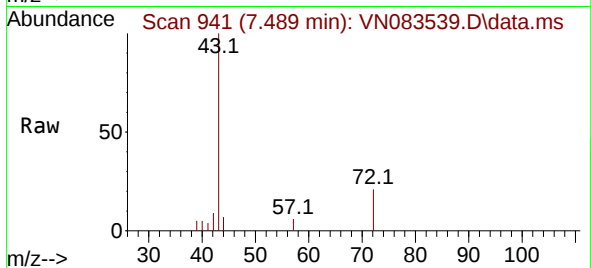




#30
2-Butanone
Concen: 13.206 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083539.D
Acq: 28 Aug 2024 16:31

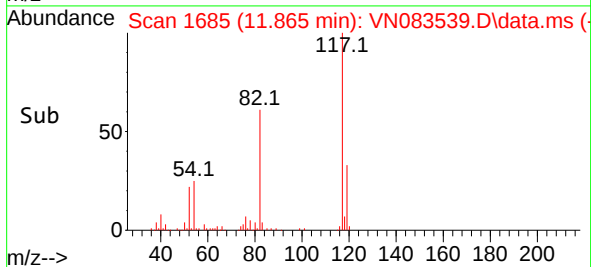
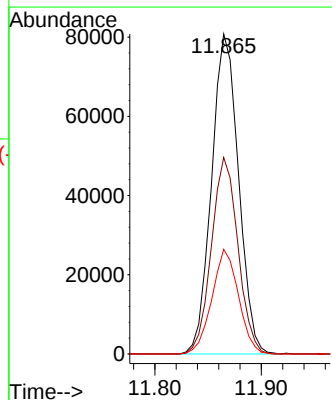
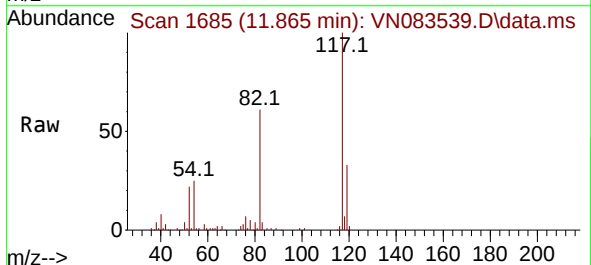
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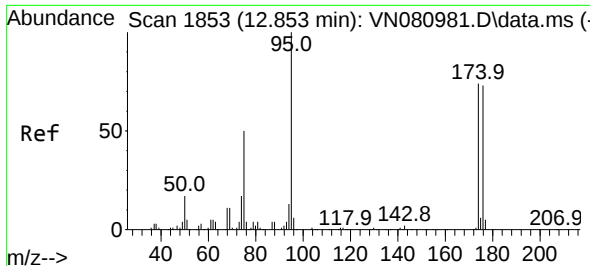
Tgt Ion: 43 Resp: 17402
Ion Ratio Lower Upper
43 100
57 2.2 6.7 10.1#
72 13.8 24.0 36.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083539.D
Acq: 28 Aug 2024 16:31

Tgt Ion:117 Resp: 142101
Ion Ratio Lower Upper
117 100
82 60.3 46.6 69.8
119 32.2 25.4 38.2

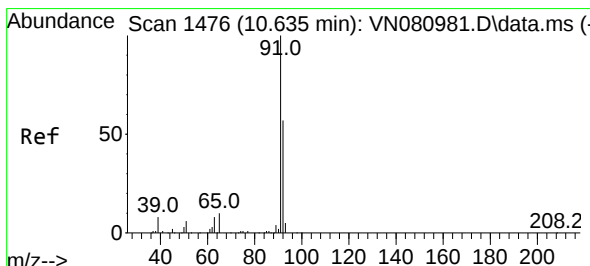
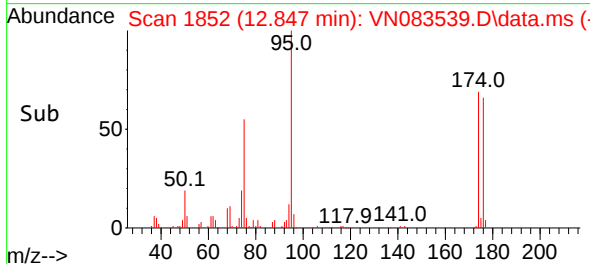
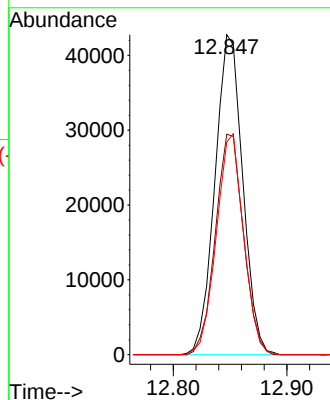
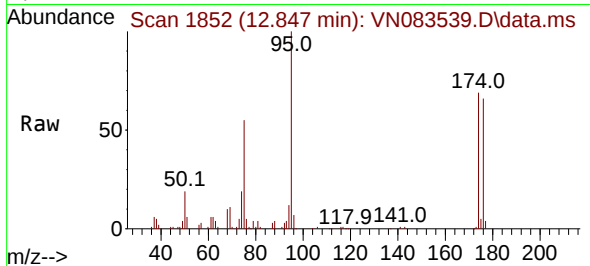




#60
4-Bromofluorobenzene
Concen: 28.916 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083539.D
Acq: 28 Aug 2024 16:31

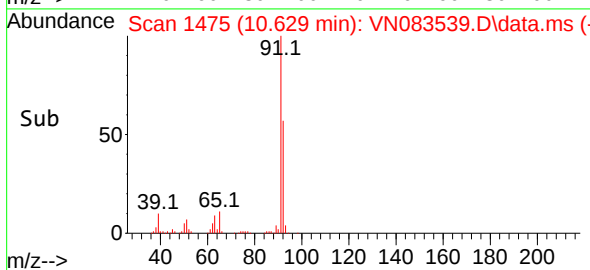
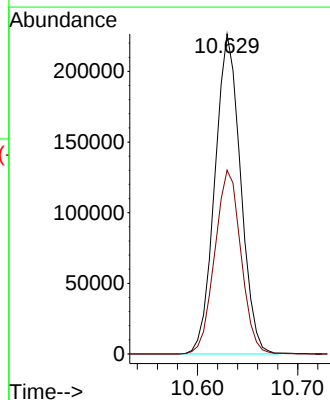
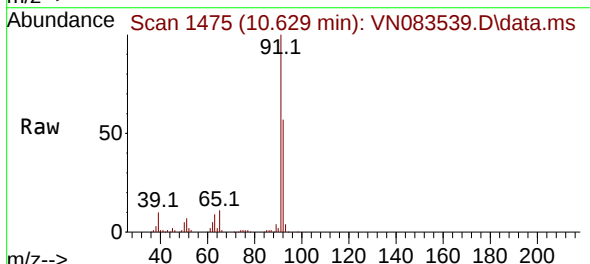
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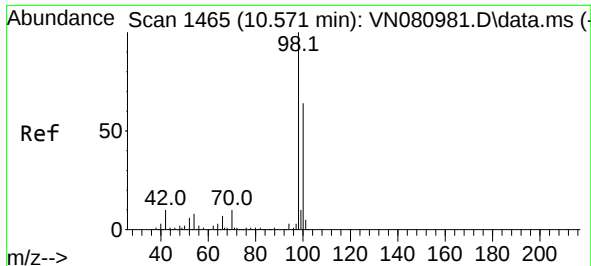
Tgt Ion: 95 Resp: 72746
Ion Ratio Lower Upper
95 100
174 69.5 60.5 90.7
176 67.5 57.8 86.6



#62
Toluene
Concen: 48.988 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083539.D
Acq: 28 Aug 2024 16:31

Tgt Ion: 91 Resp: 402678
Ion Ratio Lower Upper
91 100
92 58.4 46.5 69.7

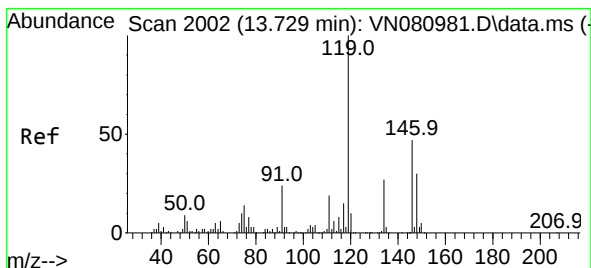
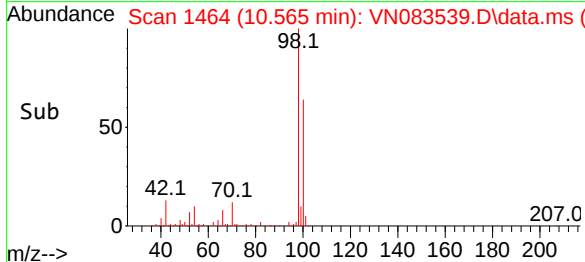
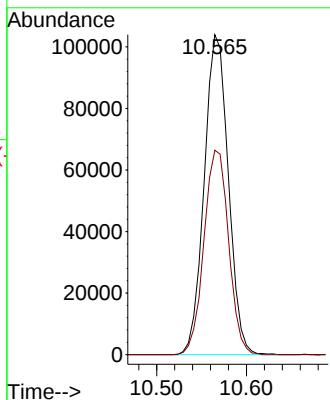
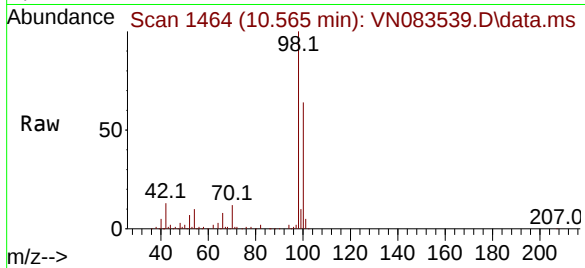




#63
Toluene-d8
Concen: 29.588 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN083539.D
Acq: 28 Aug 2024 16:31

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Tgt Ion: 98 Resp: 194103
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#82
p-Isopropyltoluene
Concen: 2.638 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083539.D
Acq: 28 Aug 2024 16:31

Tgt Ion: 119 Resp: 20038
Ion Ratio Lower Upper
119 100
134 26.1 0.0 49.2
91 26.3 0.0 48.8

