

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083537.D
 Acq On : 28 Aug 2024 15:43
 Operator : JC\MD
 Sample : P3759-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 28 16:01:21 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)

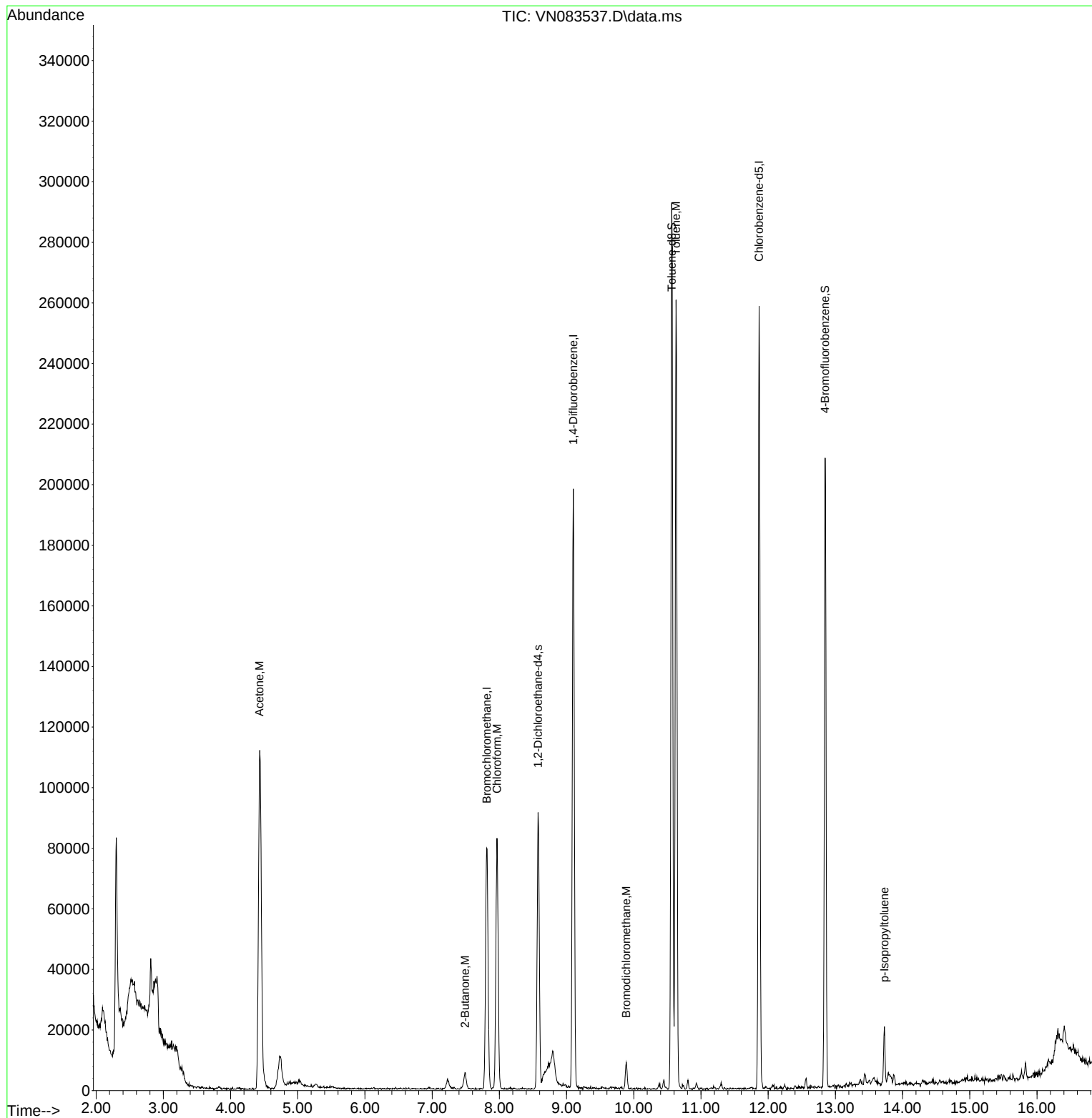
Internal Standards						
1) Bromochloromethane	7.812	128	28282	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	164717	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	143374	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76434	30.068	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.233%			
60) 4-Bromofluorobenzene	12.847	95	73541	28.973	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.567%			
63) Toluene-d8	10.565	98	196985	29.760	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.200%			
Target Compounds						
					Qvalue	
15) Acetone	4.430	58	27466	98.234	ug/l #	67
25) Chloroform	7.965	83	78491	20.597	ug/l	97
30) 2-Butanone	7.488	43	8951	6.752	ug/l	93
41) Bromodichloromethane	9.888	83	6280	2.123	ug/l #	95
62) Toluene	10.629	91	198002	23.874	ug/l	99
82) p-Isopropyltoluene	13.729	119	10226	1.334	ug/l	99

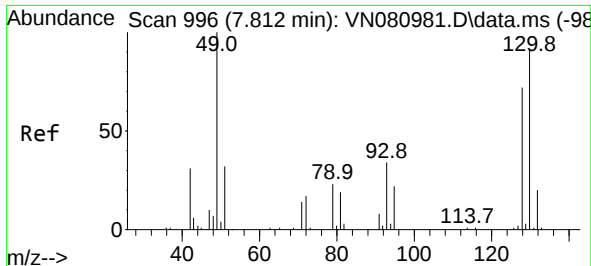
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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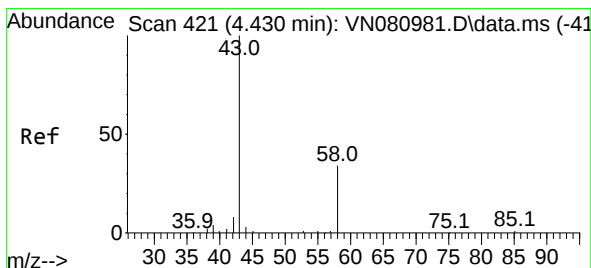
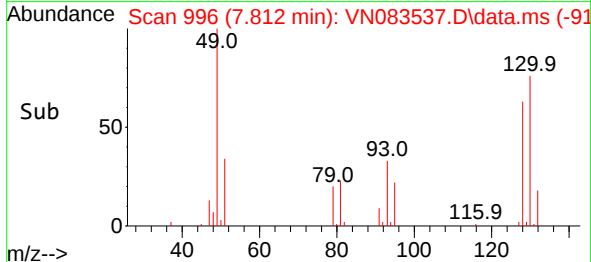
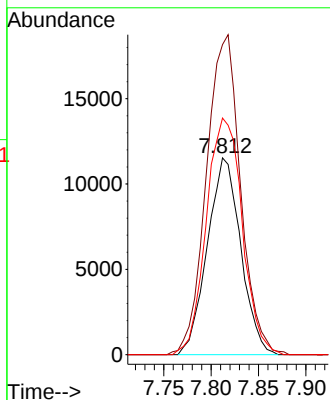
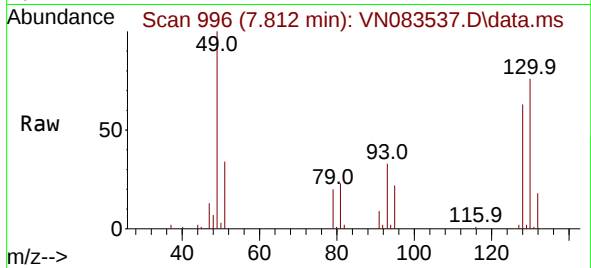




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083537.D
Acq: 28 Aug 2024 15:43

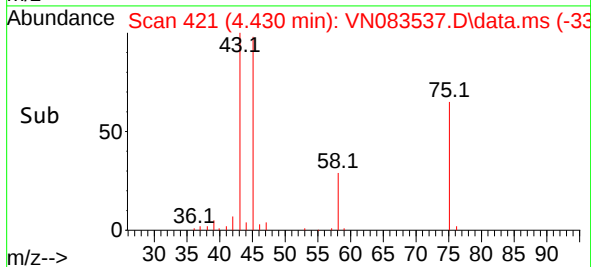
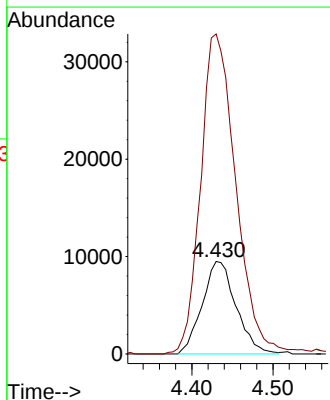
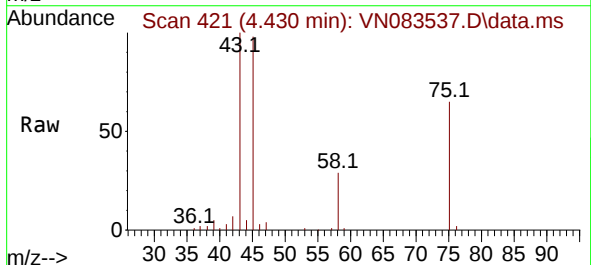
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JULY)

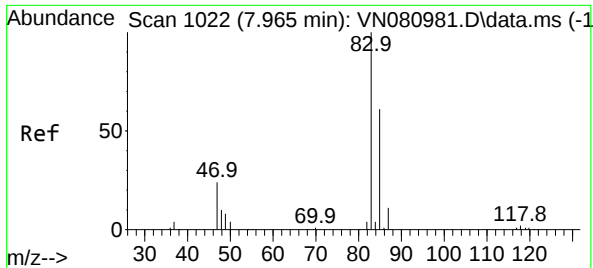
Tgt Ion:128 Resp: 28282
Ion Ratio Lower Upper
128 100
49 166.5 0.0 403.7
130 129.4 0.0 323.3



#15
Acetone
Concen: 98.234 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083537.D
Acq: 28 Aug 2024 15:43

Tgt Ion: 58 Resp: 27466
Ion Ratio Lower Upper
58 100
43 340.5 223.1 334.7#

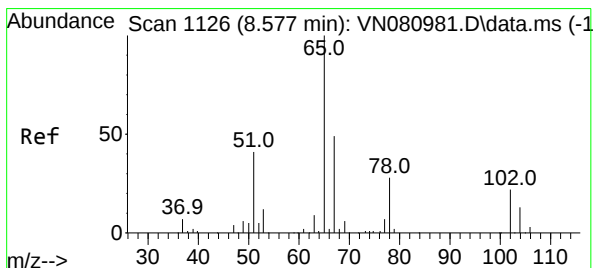
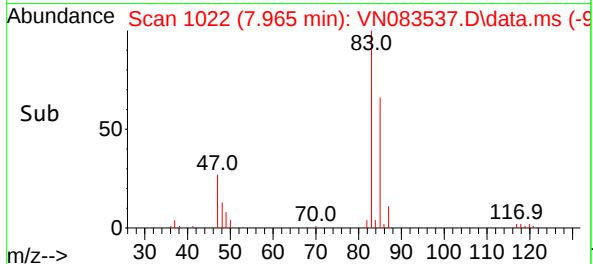
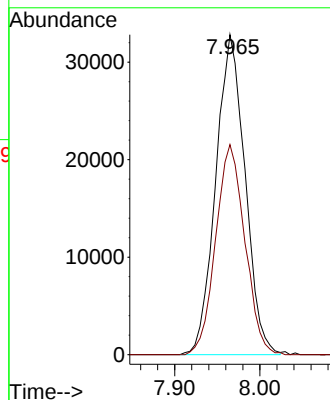
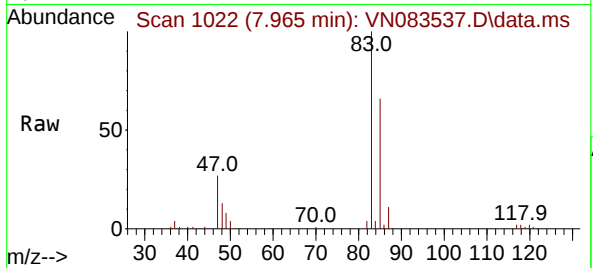




#25
Chloroform
Concen: 20.597 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083537.D
Acq: 28 Aug 2024 15:43

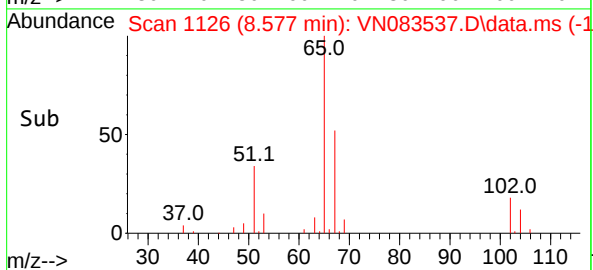
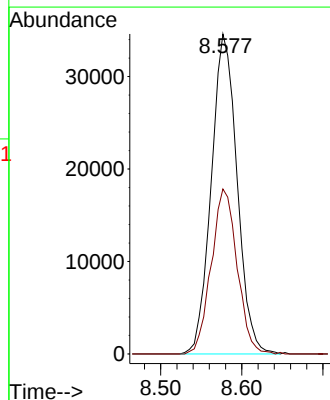
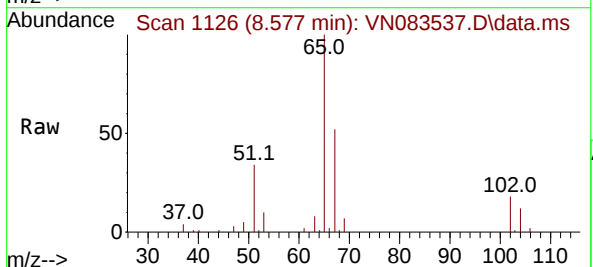
Instrument :
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ClientSampleId :
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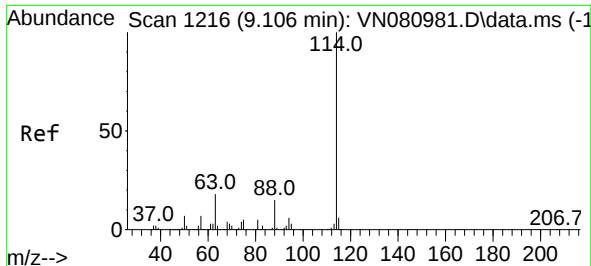
Tgt Ion: 83 Resp: 78491
Ion Ratio Lower Upper
83 100
85 65.7 50.9 76.3



#27
1,2-Dichloroethane-d4
Concen: 30.068 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083537.D
Acq: 28 Aug 2024 15:43

Tgt Ion: 65 Resp: 76434
Ion Ratio Lower Upper
65 100
67 51.6 43.2 64.8

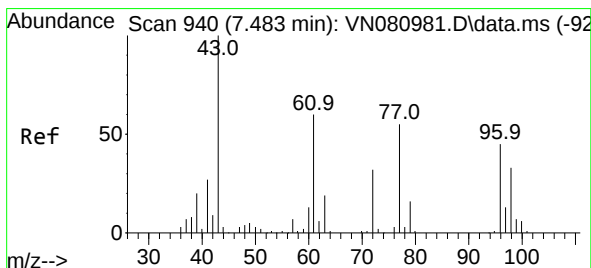
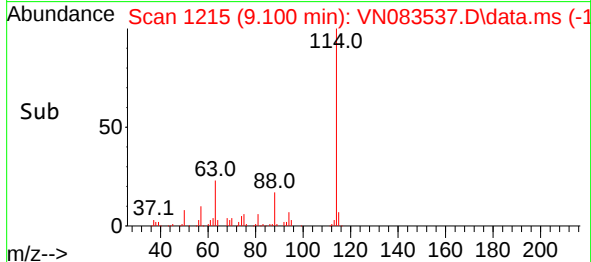
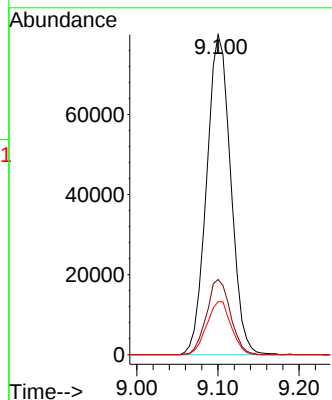
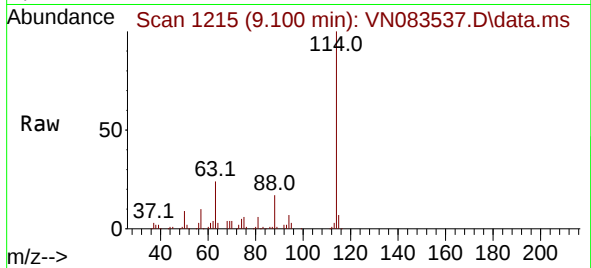




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.006 min
Lab File: VN083537.D
Acq: 28 Aug 2024 15:43

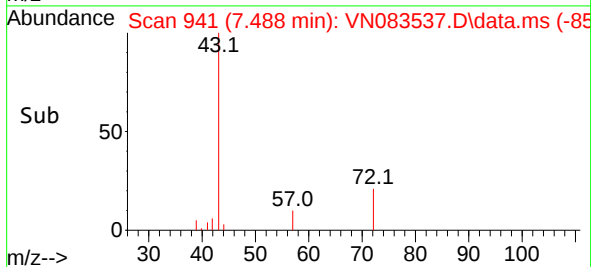
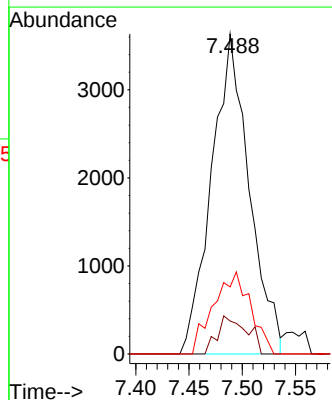
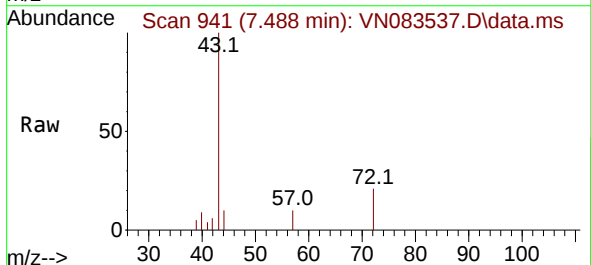
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JULY)

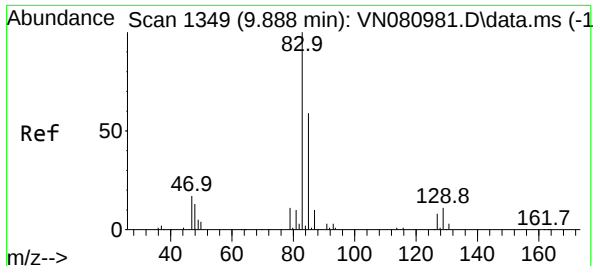
Tgt Ion:114 Resp: 164717
Ion Ratio Lower Upper
114 100
63 23.3 15.9 23.9
88 16.7 12.7 19.1



#30
2-Butanone
Concen: 6.752 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083537.D
Acq: 28 Aug 2024 15:43

Tgt Ion: 43 Resp: 8951
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 25.2 24.0 36.0

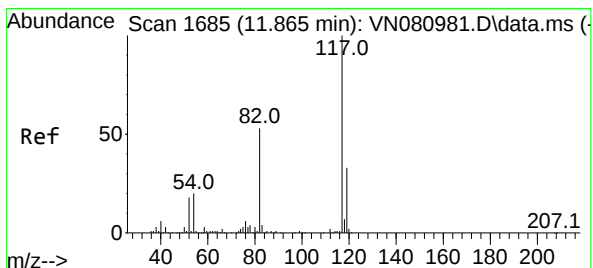
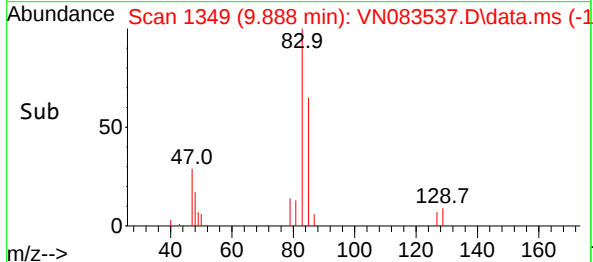
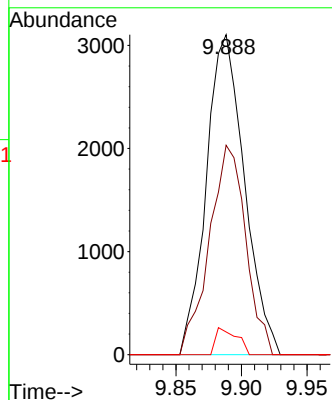
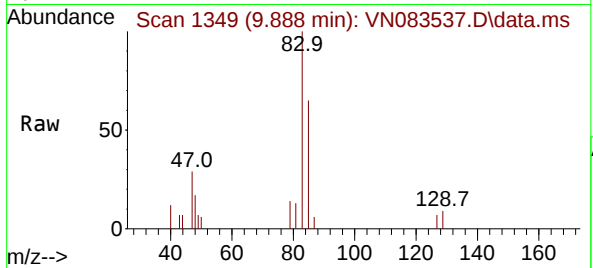




#41
Bromodichloromethane
Concen: 2.123 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083537.D
Acq: 28 Aug 2024 15:43

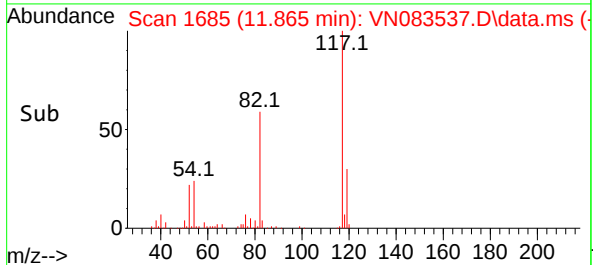
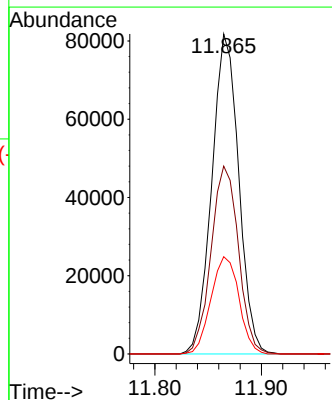
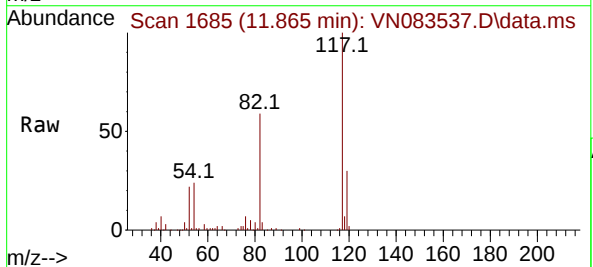
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002-35TH-AVE(JULY)

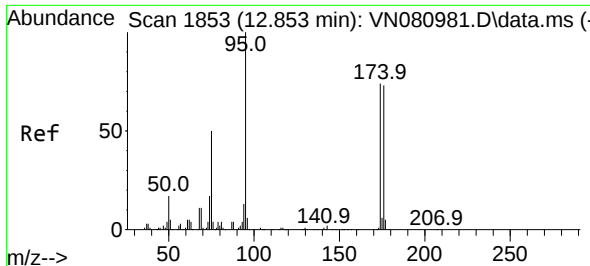
Tgt Ion: 83 Resp: 6280
Ion Ratio Lower Upper
83 100
85 65.5 49.4 74.2
127 7.1 7.3 10.9#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083537.D
Acq: 28 Aug 2024 15:43

Tgt Ion: 117 Resp: 143374
Ion Ratio Lower Upper
117 100
82 59.7 46.6 69.8
119 31.6 25.4 38.2

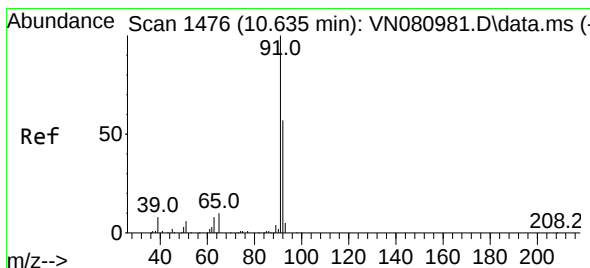
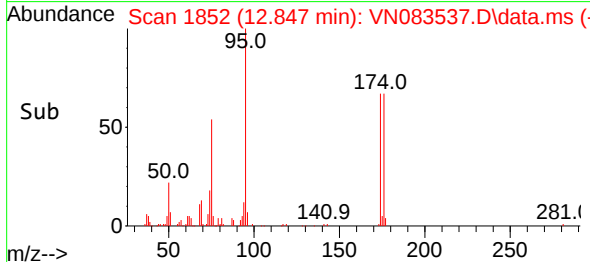
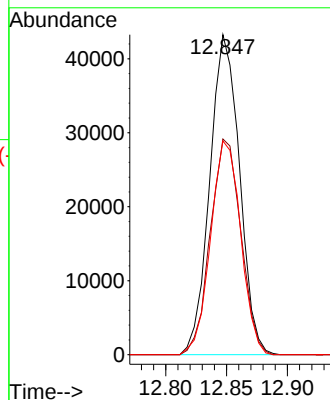
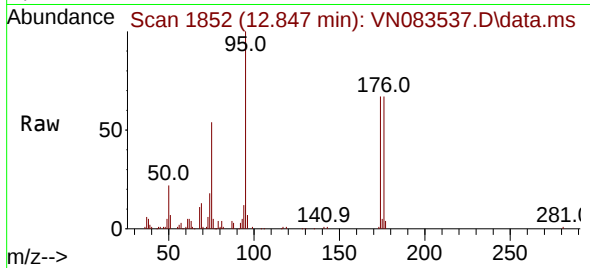




#60
4-Bromofluorobenzene
Concen: 28.973 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083537.D
Acq: 28 Aug 2024 15:43

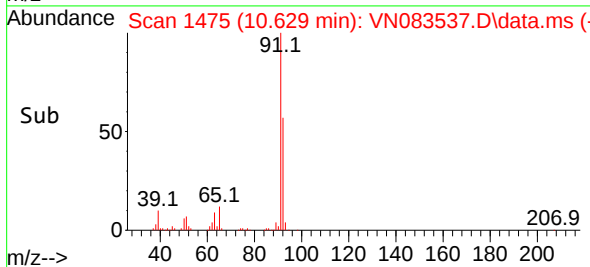
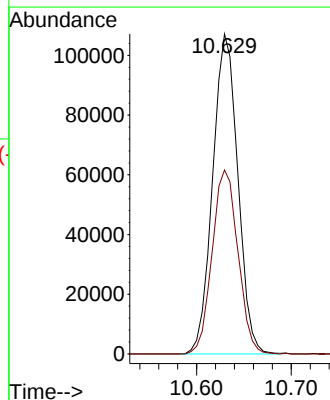
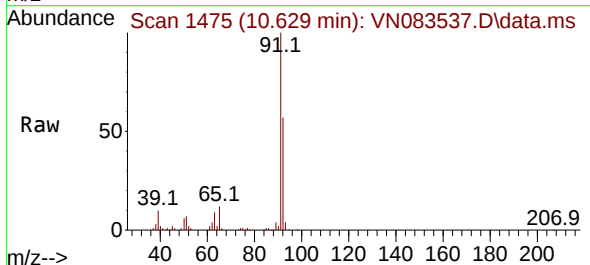
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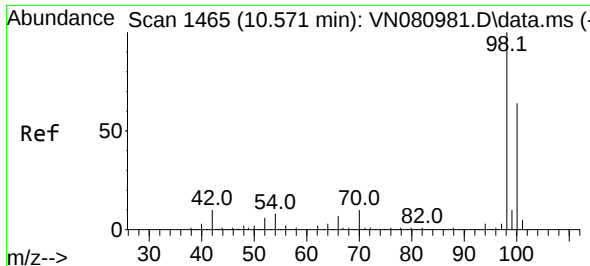
Tgt Ion: 95 Resp: 73541
Ion Ratio Lower Upper
95 100
174 69.3 60.5 90.7
176 67.4 57.8 86.6



#62
Toluene
Concen: 23.874 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083537.D
Acq: 28 Aug 2024 15:43

Tgt Ion: 91 Resp: 198002
Ion Ratio Lower Upper
91 100
92 58.8 46.5 69.7

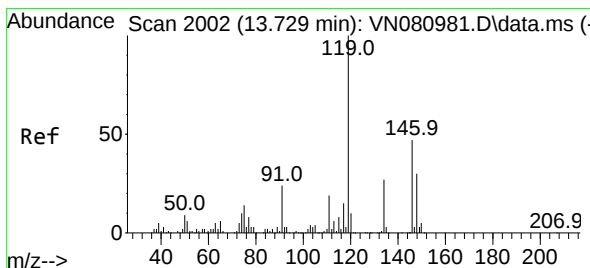
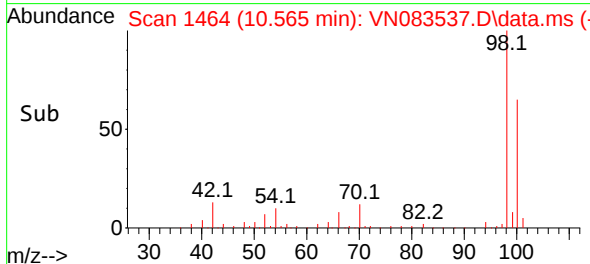
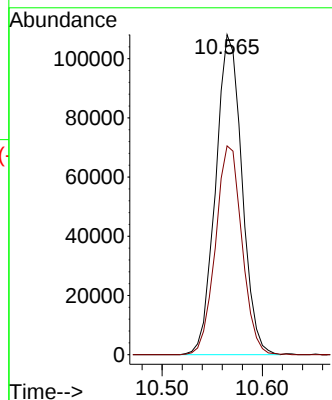
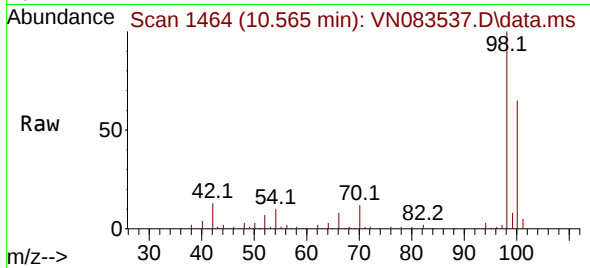




#63
Toluene-d8
Concen: 29.760 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN083537.D
Acq: 28 Aug 2024 15:43

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ClientSampleId :
002-35TH-AVE(JULY)

Tgt Ion: 98 Resp: 196985
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#82
p-Isopropyltoluene
Concen: 1.334 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN083537.D
Acq: 28 Aug 2024 15:43

Tgt Ion: 119 Resp: 10226
Ion Ratio Lower Upper
119 100
134 24.3 0.0 49.2
91 25.0 0.0 48.8

