

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041024\
 Data File : VN081690.D
 Acq On : 10 Apr 2024 19:17
 Operator : JC\MD
 Sample : P2023-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Apr 11 09:28:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

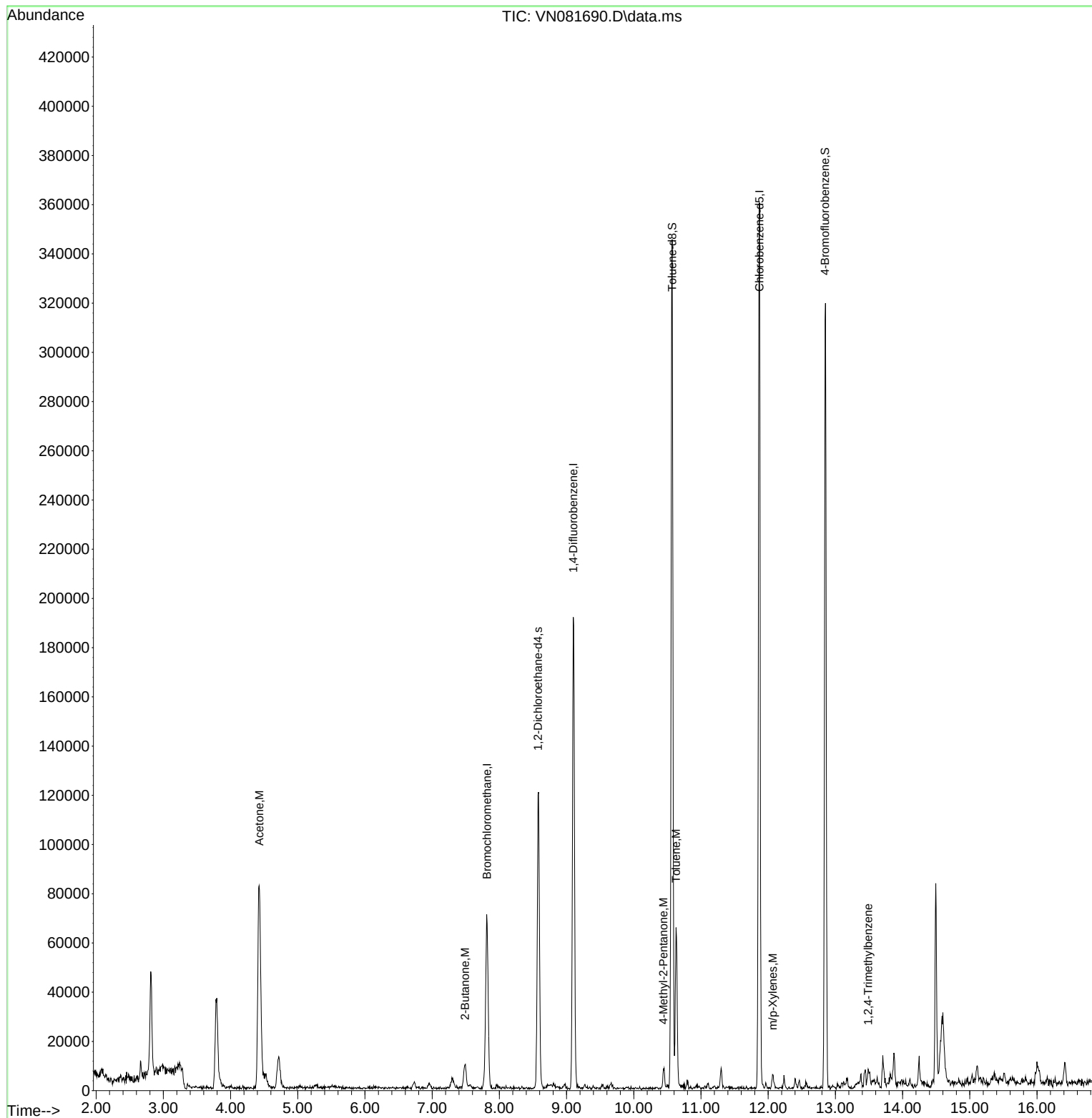
Internal Standards						
1) Bromochloromethane	7.818	128	25695	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	167444	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	215397	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	98164	31.098	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	103.667%		
60) 4-Bromofluorobenzene	12.847	95	113111	26.710	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	89.033%		
63) Toluene-d8	10.570	98	243666	28.202	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	94.000%		
Target Compounds						
					Qvalue	
15) Acetone	4.430	58	50996	153.311	ug/l	95
30) 2-Butanone	7.488	43	15180	9.029	ug/l #	55
58) 4-Methyl-2-Pentanone	10.441	43	5939	1.603	ug/l #	61
62) Toluene	10.629	91	50836	3.244	ug/l	97
67) m/p-Xylenes	12.070	106	1851	0.280	ug/l	90
80) 1,2,4-Trimethylbenzene	13.488	105	4726	0.345	ug/l	53

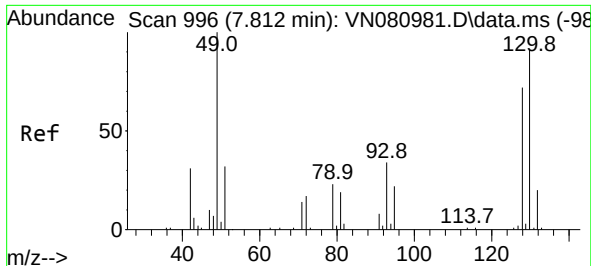
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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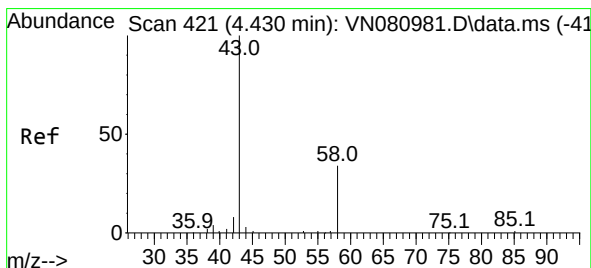
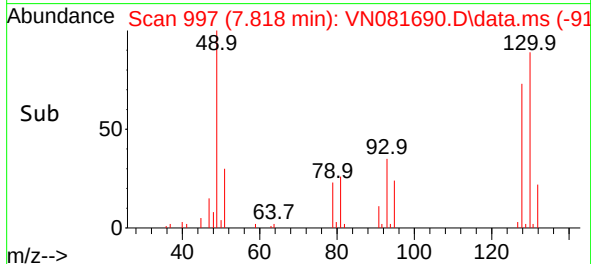
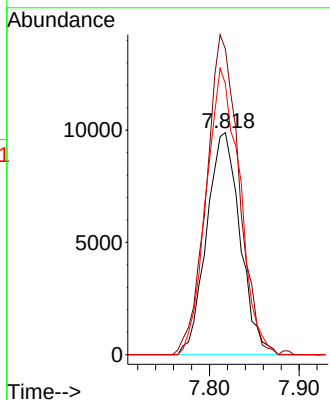
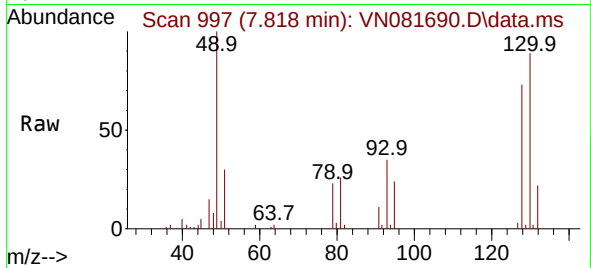




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081690.D
Acq: 10 Apr 2024 19:17

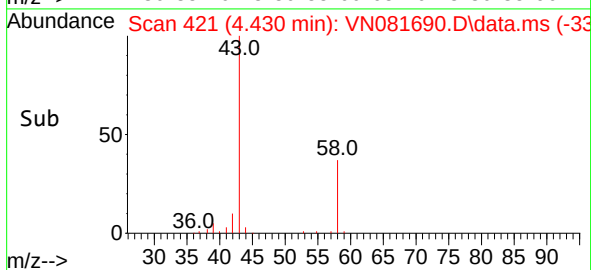
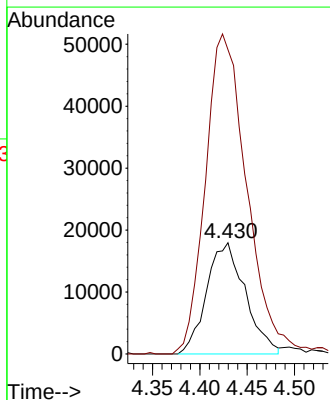
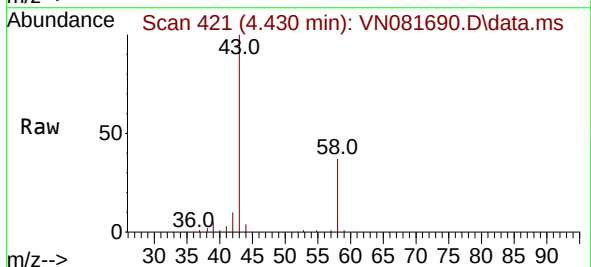
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(APRIL)

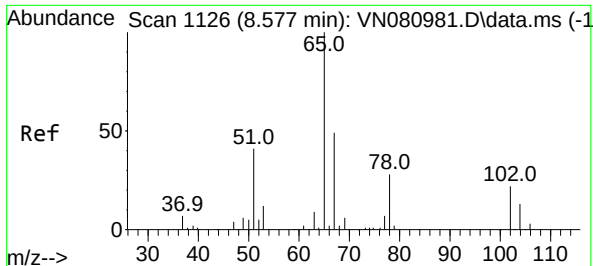
Tgt Ion	Ratio	Lower	Upper
128	100		
49	139.6	0.0	403.7
130	128.7	0.0	323.3



#15
Acetone
Concen: 153.311 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081690.D
Acq: 10 Apr 2024 19:17

Tgt Ion	Ratio	Lower	Upper
58	100		
43	269.3	223.1	334.7





#27

1,2-Dichloroethane-d4

Concen: 31.098 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN081690.D

Acq: 10 Apr 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

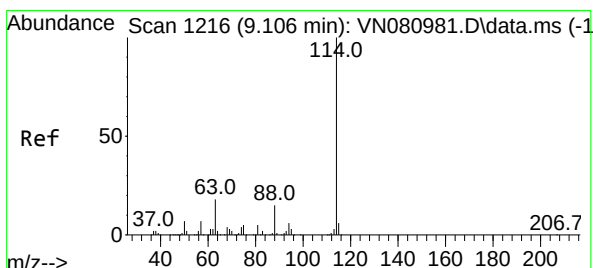
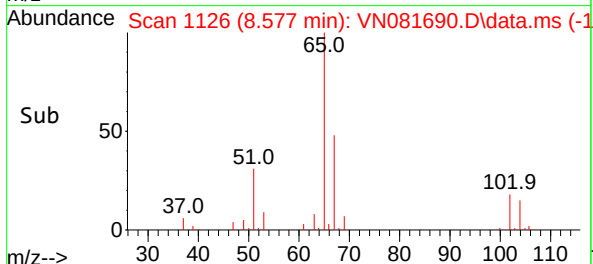
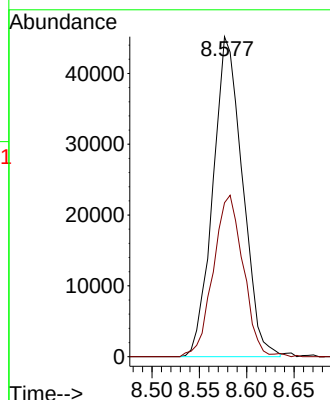
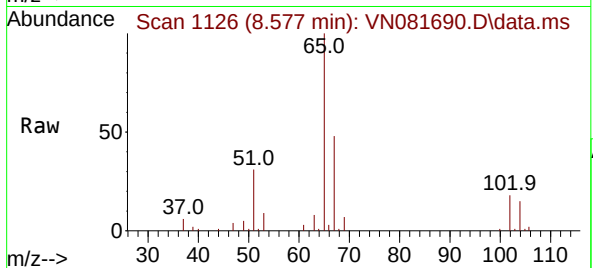
002-35TH-AVE(APRIL)

Tgt Ion: 65 Resp: 98164

Ion Ratio Lower Upper

65 100

67 50.8 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081690.D

Acq: 10 Apr 2024 19:17

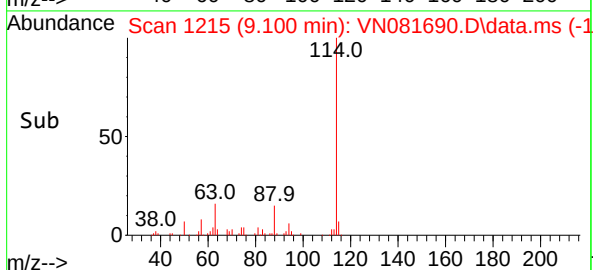
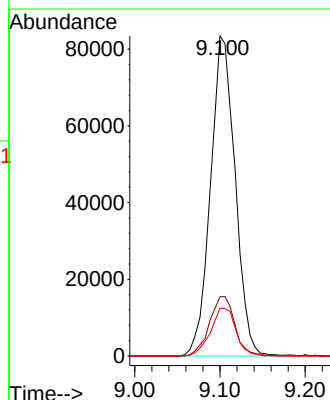
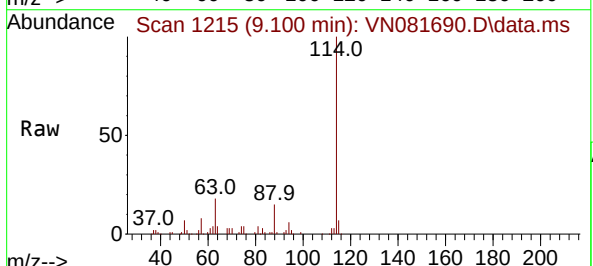
Tgt Ion: 114 Resp: 167444

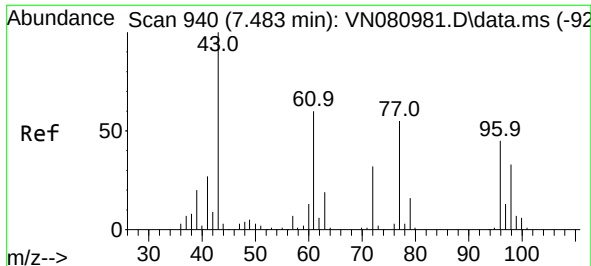
Ion Ratio Lower Upper

114 100

63 18.9 15.9 23.9

88 15.5 12.7 19.1

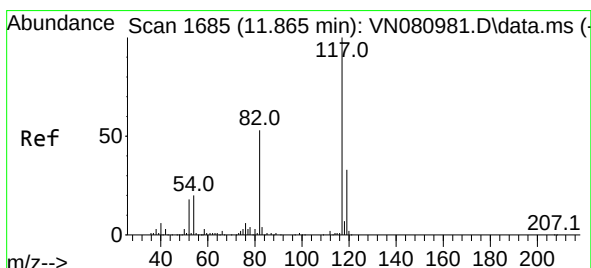
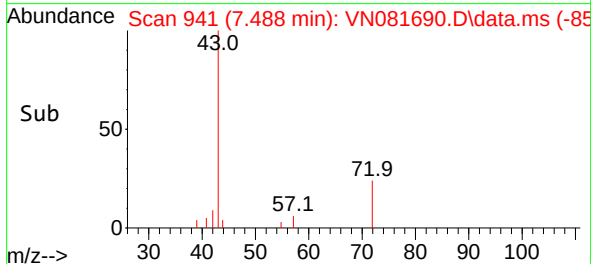
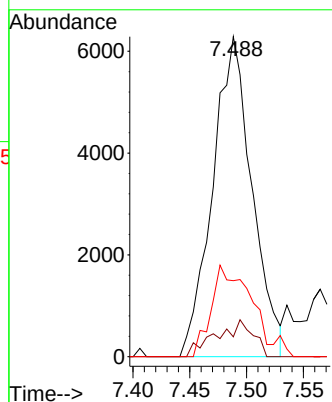
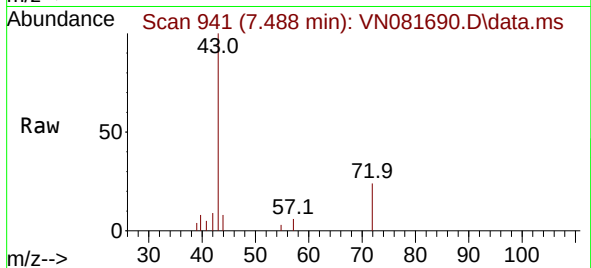




#30
2-Butanone
Concen: 9.029 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081690.D
Acq: 10 Apr 2024 19:17

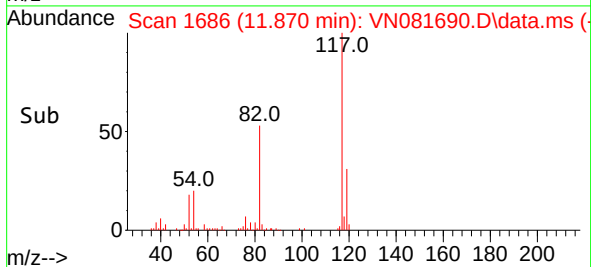
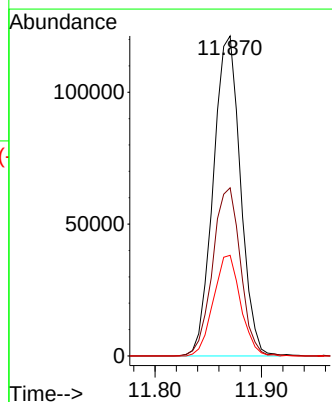
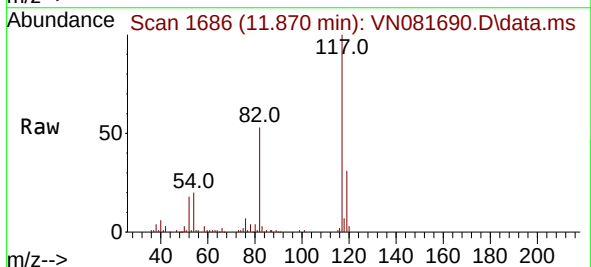
Instrument :
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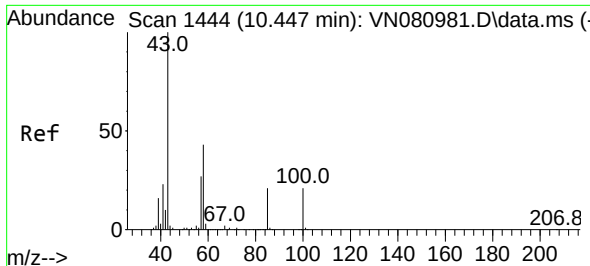
Tgt Ion: 43 Resp: 15180
Ion Ratio Lower Upper
43 100
57 4.7 6.7 10.1#
72 0.0 24.0 36.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081690.D
Acq: 10 Apr 2024 19:17

Tgt Ion: 117 Resp: 215397
Ion Ratio Lower Upper
117 100
82 53.7 46.6 69.8
119 31.4 25.4 38.2

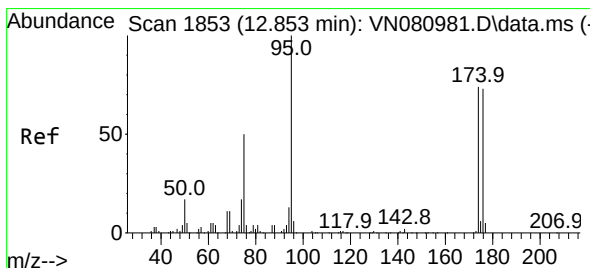
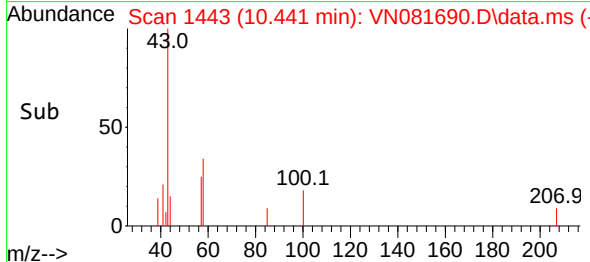
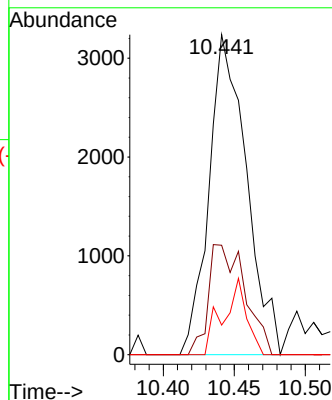
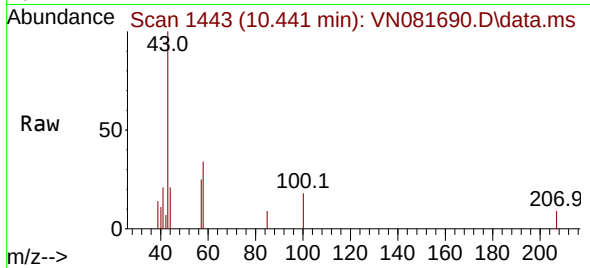




#58
4-Methyl-2-Pentanone
Concen: 1.603 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081690.D
Acq: 10 Apr 2024 19:17

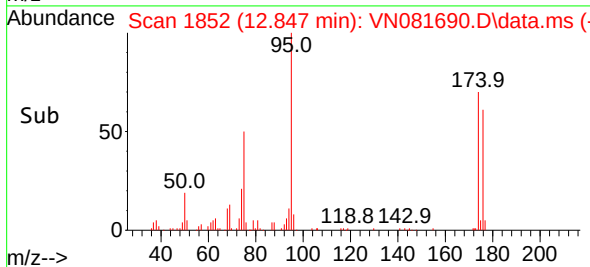
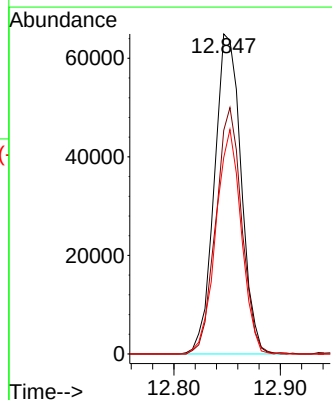
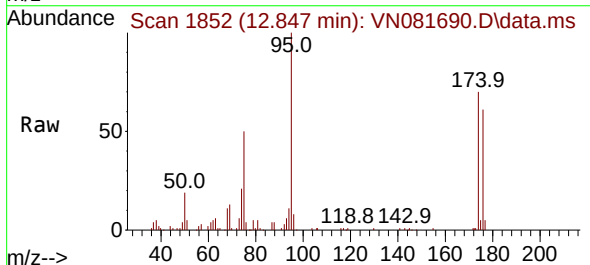
Instrument :
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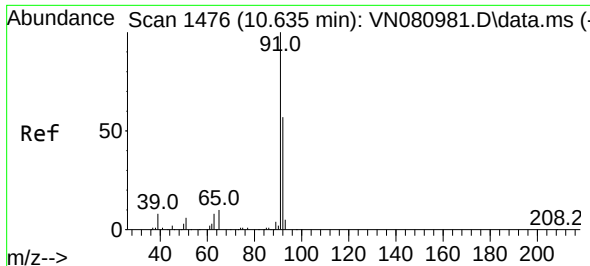
Tgt Ion: 43 Resp: 5939
Ion Ratio Lower Upper
43 100
58 20.5 36.5 54.7#
85 4.7 19.5 29.3#



#60
4-Bromofluorobenzene
Concen: 26.710 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081690.D
Acq: 10 Apr 2024 19:17

Tgt Ion: 95 Resp: 113111
Ion Ratio Lower Upper
95 100
174 74.4 60.5 90.7
176 67.1 57.8 86.6

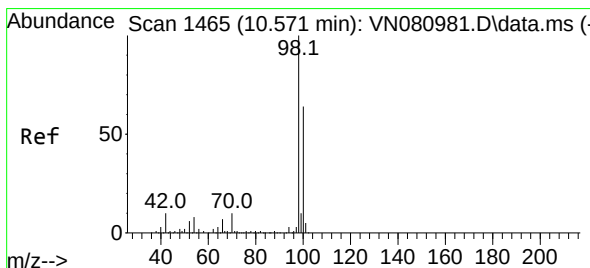
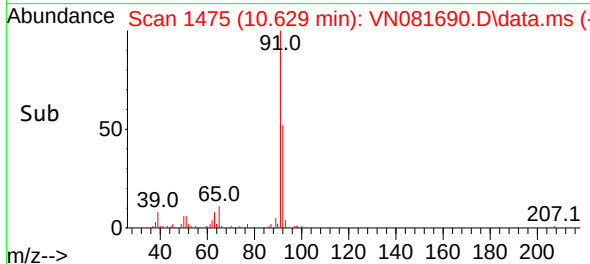
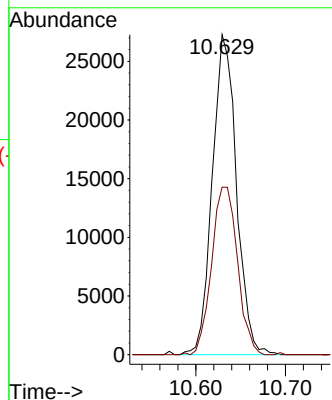
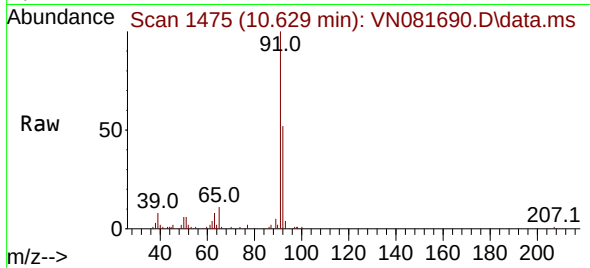




#62
Toluene
Concen: 3.244 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081690.D
Acq: 10 Apr 2024 19:17

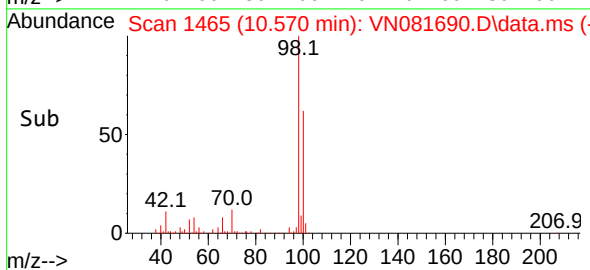
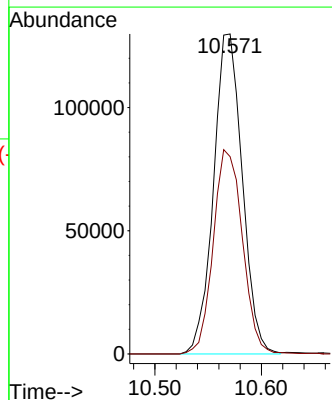
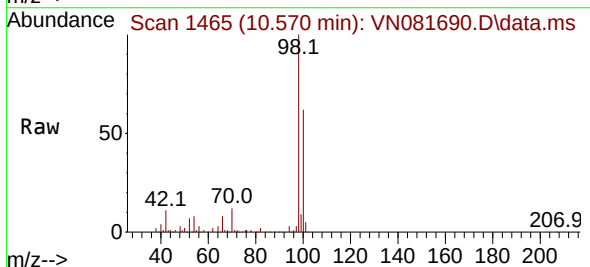
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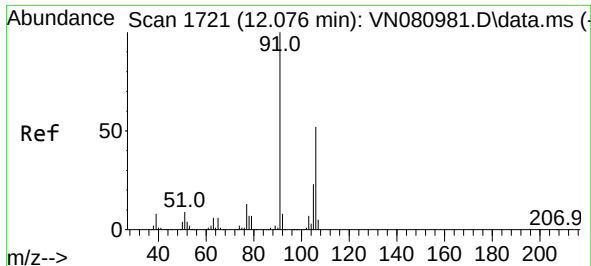
Tgt Ion: 91 Resp: 50836
Ion Ratio Lower Upper
91 100
92 56.1 46.5 69.7



#63
Toluene-d8
Concen: 28.202 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081690.D
Acq: 10 Apr 2024 19:17

Tgt Ion: 98 Resp: 243666
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1

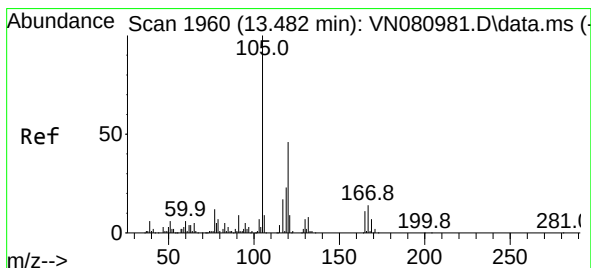
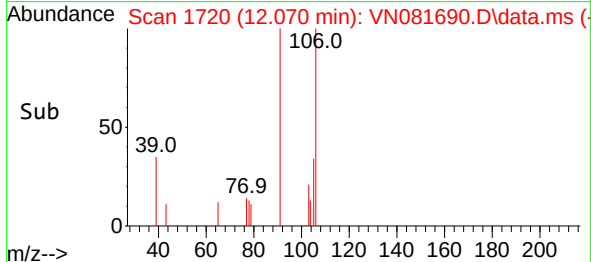
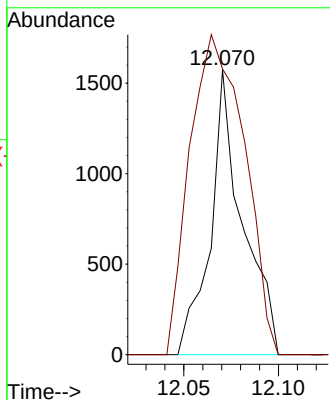
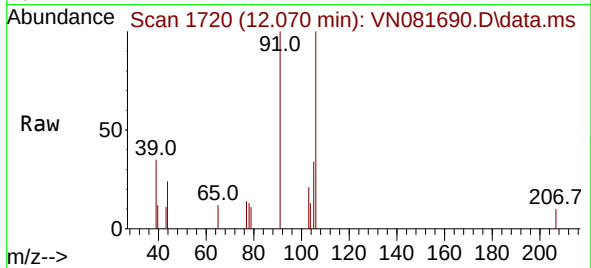




#67
m/p-Xylenes
Concen: 0.280 ug/l
RT: 12.070 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081690.D
Acq: 10 Apr 2024 19:17

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

Tgt Ion:106 Resp: 1851
Ion Ratio Lower Upper
106 100
91 192.2 166.6 249.8



#80
1,2,4-Trimethylbenzene
Concen: 0.345 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN081690.D
Acq: 10 Apr 2024 19:17

Tgt Ion:105 Resp: 4726
Ion Ratio Lower Upper
105 100
120 13.1 0.0 86.8

