

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080854.D
 Acq On : 31 Jan 2024 20:42
 Operator : JC\MD
 Sample : P1284-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1142

Quant Time: Jan 31 23:23:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

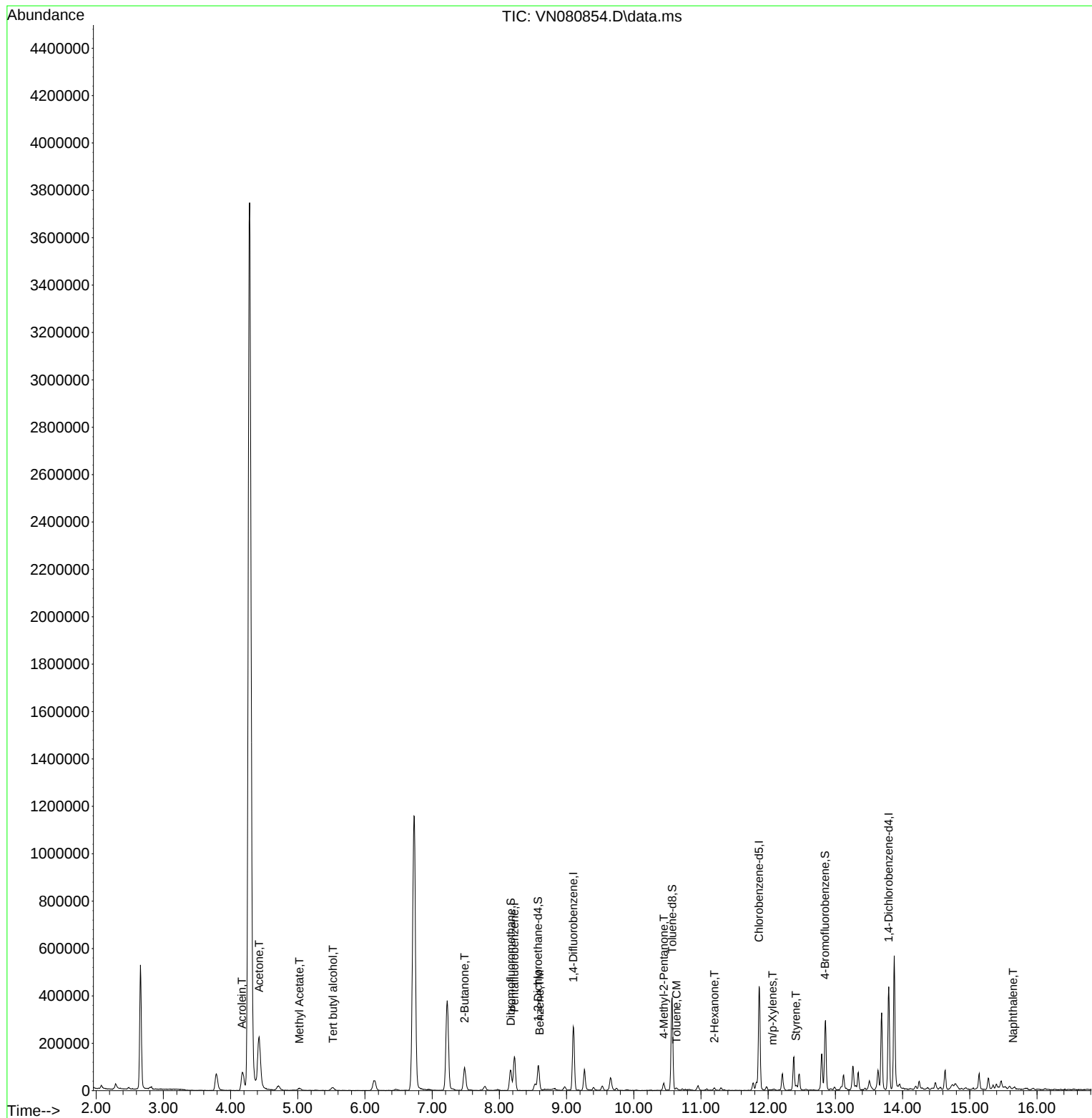
Internal Standards						
1) Pentafluorobenzene	8.224	168	91306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	208058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	79822	50.534	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	101.060%	
35) Dibromofluoromethane	8.171	113	60563	47.579	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	95.160%	
50) Toluene-d8	10.570	98	251232	50.427	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	100.860%	
62) 4-Bromofluorobenzene	12.847	95	97456	56.134	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	112.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.524	59	21450	83.305	ug/l #	91
13) Acrolein	4.171	56	108208	333.251	ug/l	99
16) Acetone	4.424	43	397891	694.561	ug/l #	86
18) Methyl Acetate	5.024	43	19584	9.809	ug/l	99
25) 2-Butanone	7.482	43	155941	143.313	ug/l	96
40) Benzene	8.600	78	1698	0.244	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	23561	9.505	ug/l	89
52) Toluene	10.635	92	4024	1.009	ug/l	95
59) 2-Hexanone	11.200	43	7417	3.852	ug/l	89
68) m/p-Xylenes	12.065	106	1173	0.369	ug/l #	63
70) Styrene	12.412	104	1202	0.237	ug/l #	71
95) Naphthalene	15.647	128	2103	0.343	ug/l #	81

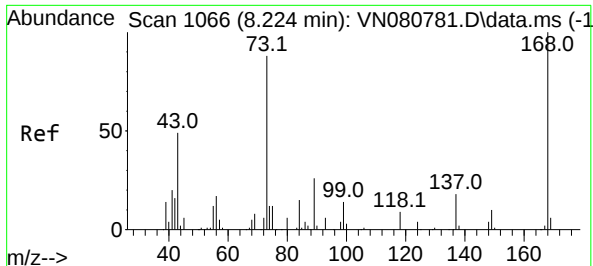
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 31 23:23:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

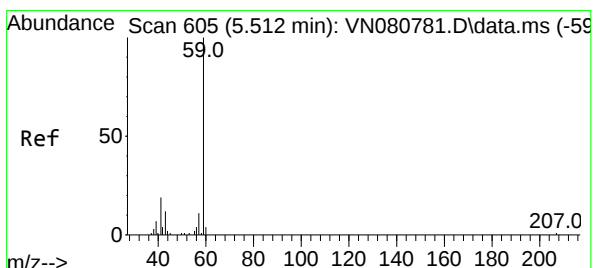
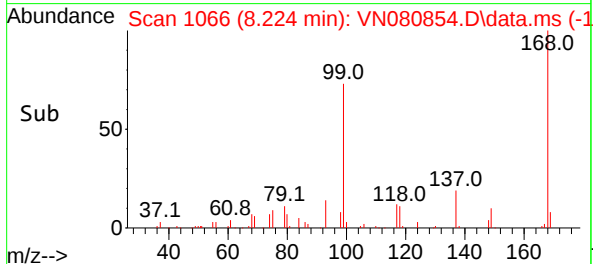
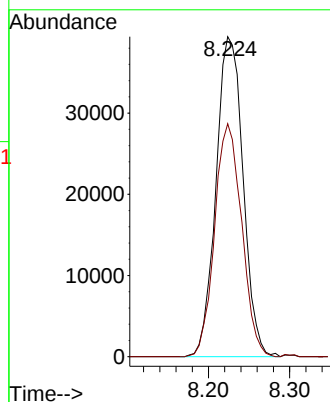
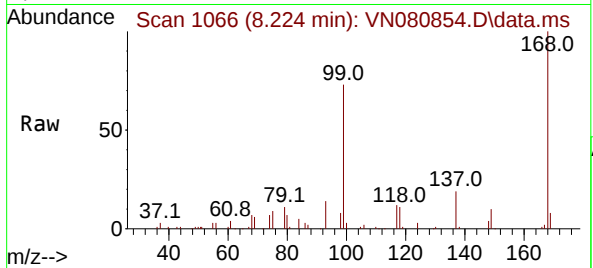




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

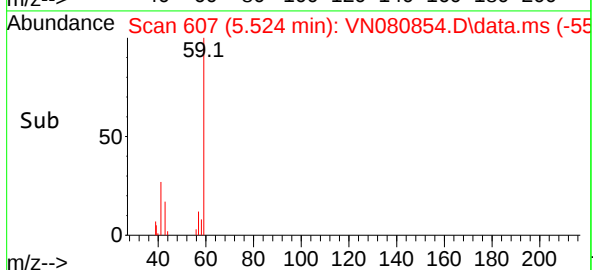
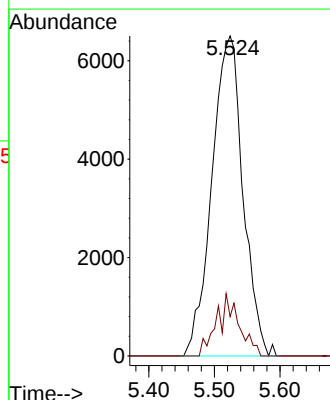
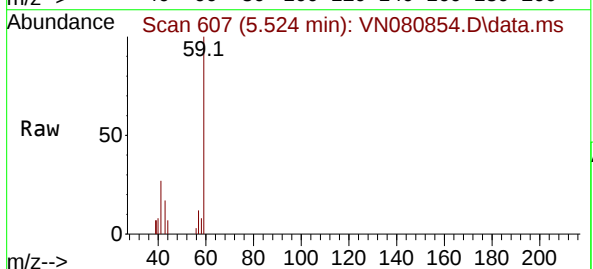
Instrument :
MSVOA_N
ClientSampleId :
1142

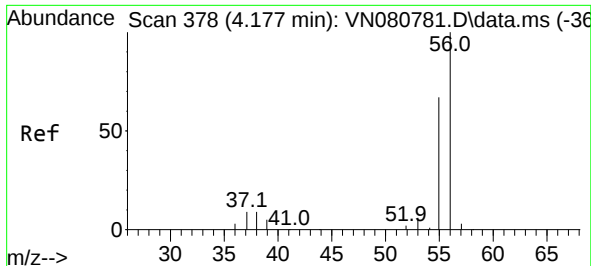
Tgt Ion:168 Resp: 91306
Ion Ratio Lower Upper
168 100
99 72.8 59.9 89.9



#11
Tert butyl alcohol
Concen: 83.305 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

Tgt Ion: 59 Resp: 21450
Ion Ratio Lower Upper
59 100
57 14.0 8.6 12.8#

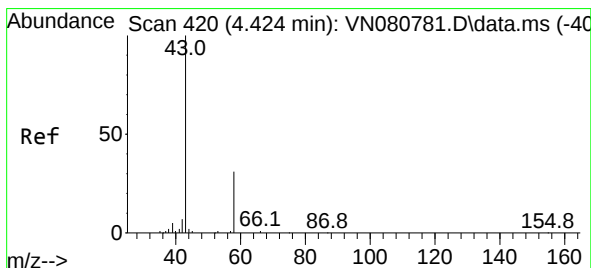
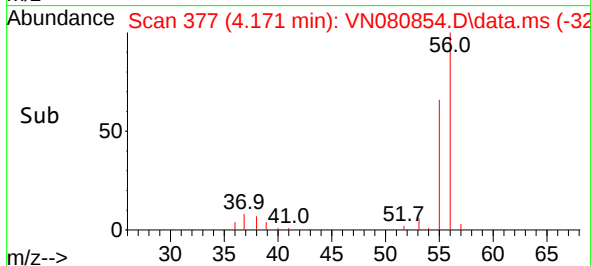
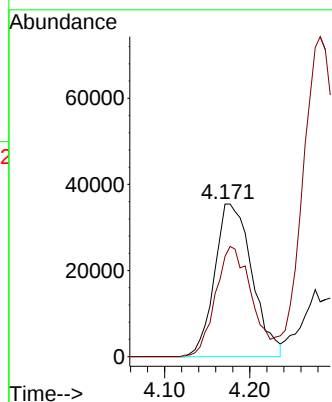
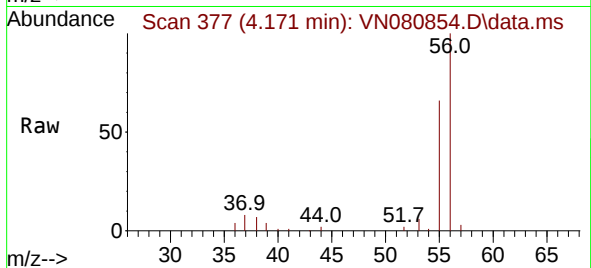




#13
Acrolein
Concen: 333.251 ug/l
RT: 4.171 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

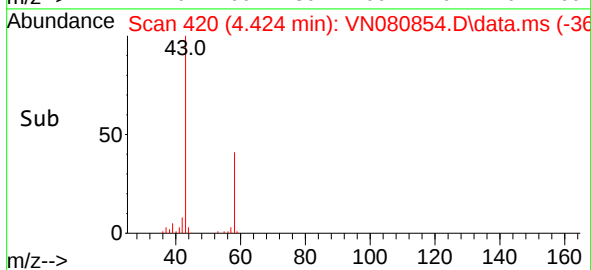
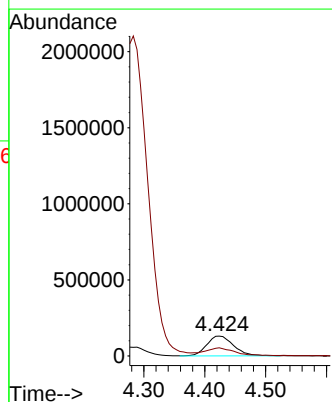
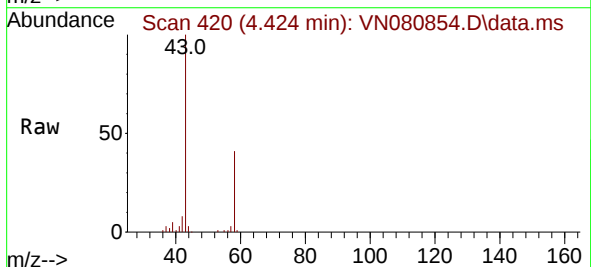
Instrument :
MSVOA_N
ClientSampleId :
1142

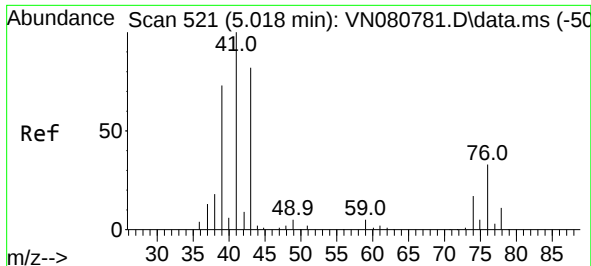
Tgt Ion: 56 Resp: 108208
Ion Ratio Lower Upper
56 100
55 68.5 55.3 82.9



#16
Acetone
Concen: 694.561 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

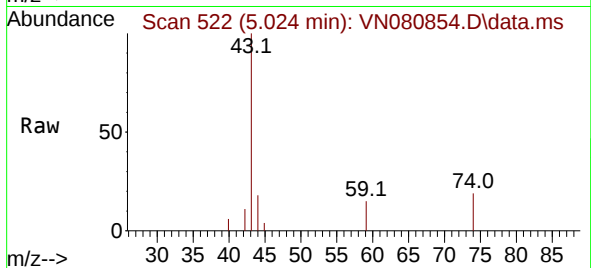
Tgt Ion: 43 Resp: 397891
Ion Ratio Lower Upper
43 100
58 38.6 24.8 37.2#



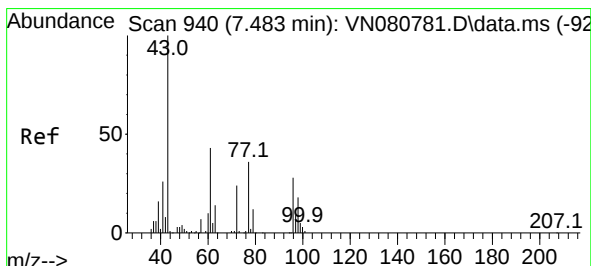
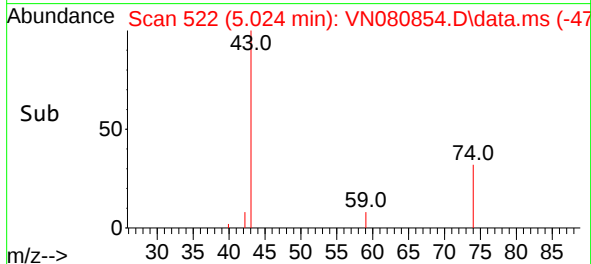
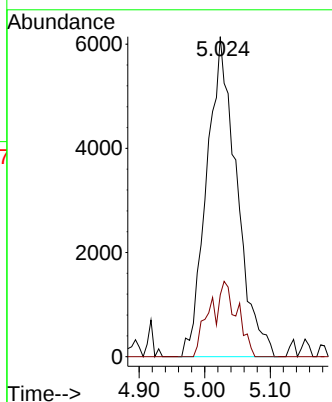


#18
Methyl Acetate
Concen: 9.809 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

Instrument :
MSVOA_N
ClientSampleId :
1142

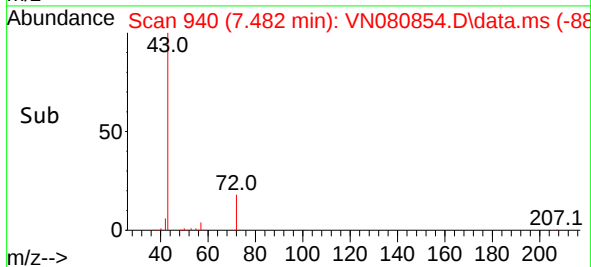
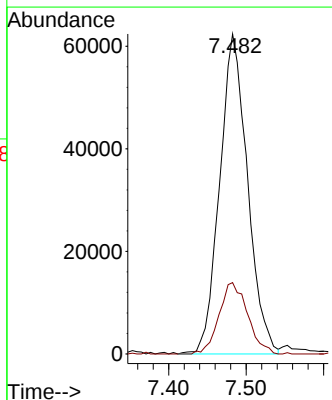
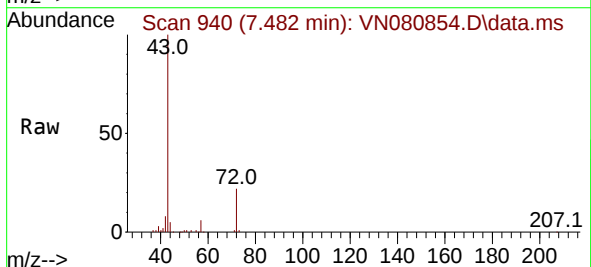


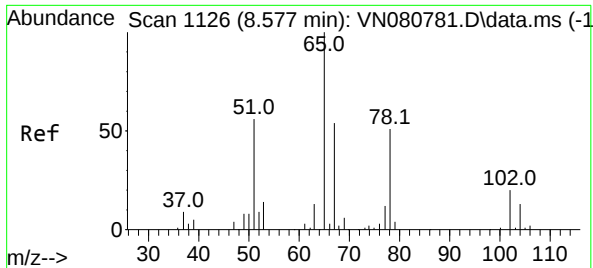
Tgt Ion: 43 Resp: 19584
Ion Ratio Lower Upper
43 100
74 21.2 17.3 25.9



#25
2-Butanone
Concen: 143.313 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

Tgt Ion: 43 Resp: 155941
Ion Ratio Lower Upper
43 100
72 22.3 19.5 29.3





#33

1,2-Dichloroethane-d4

Concen: 50.534 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080854.D

Acq: 31 Jan 2024 20:42

Instrument :

MSVOA_N

ClientSampleId :

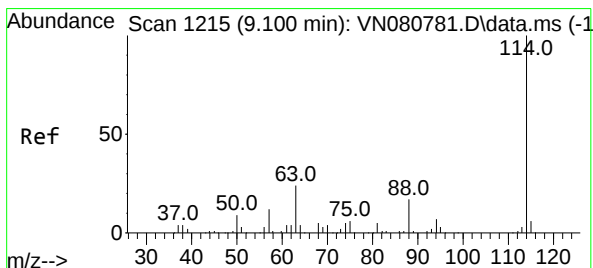
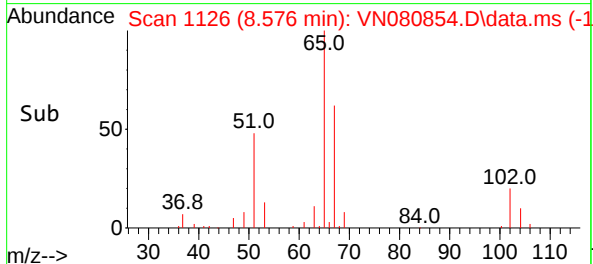
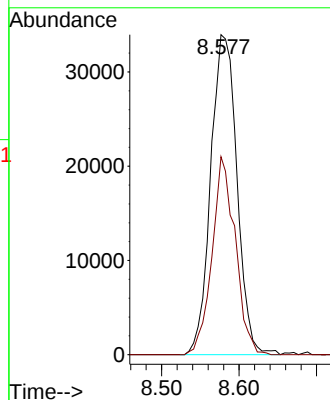
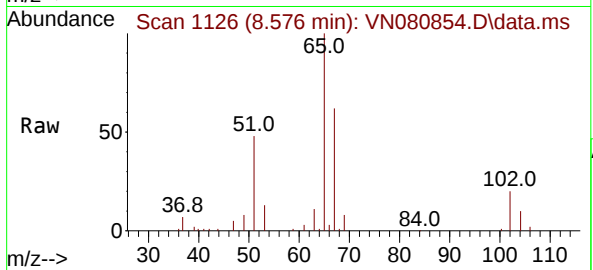
1142

Tgt Ion: 65 Resp: 79822

Ion Ratio Lower Upper

65 100

67 54.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN080854.D

Acq: 31 Jan 2024 20:42

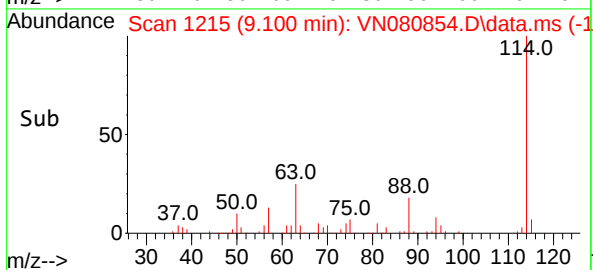
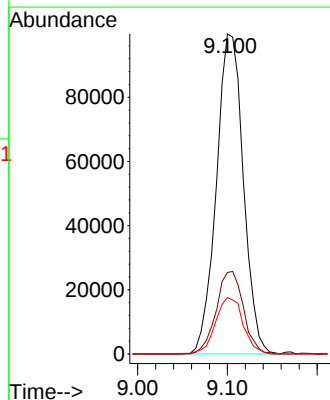
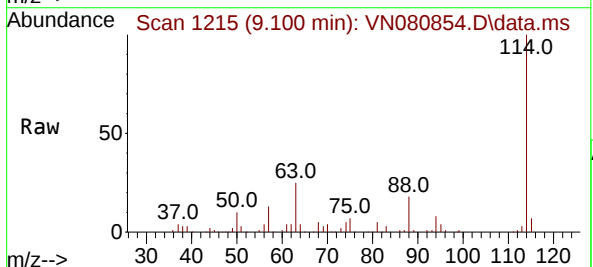
Tgt Ion: 114 Resp: 208058

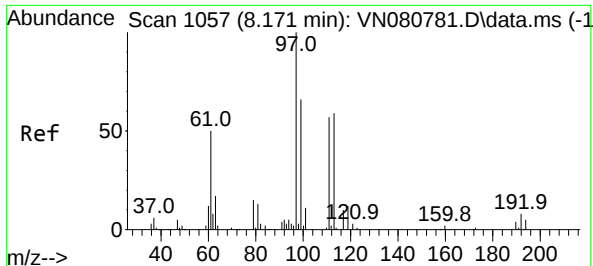
Ion Ratio Lower Upper

114 100

63 25.5 0.0 48.0

88 17.7 0.0 34.8

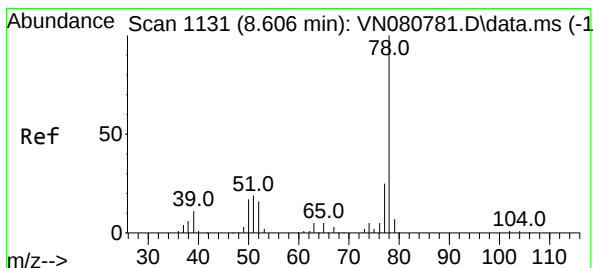
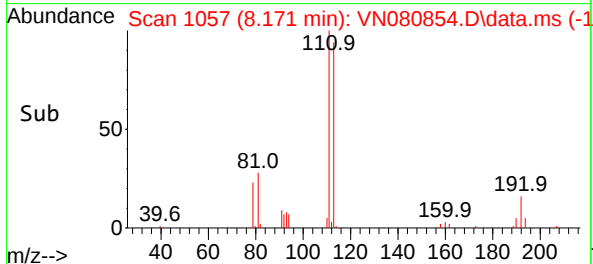
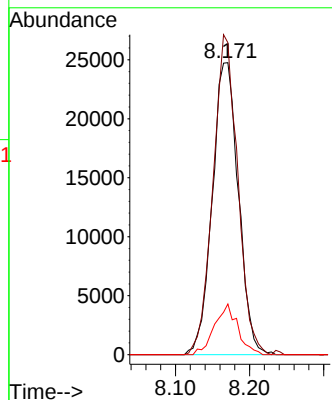
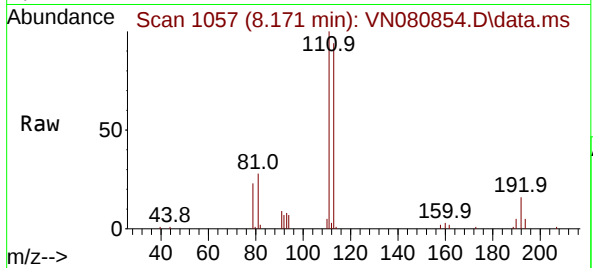




#35
Dibromofluoromethane
Concen: 47.579 ug/l
RT: 8.171 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

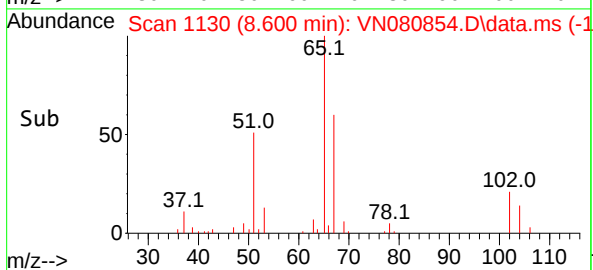
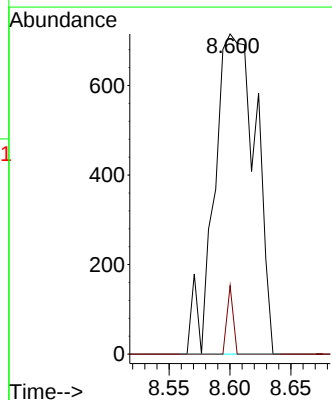
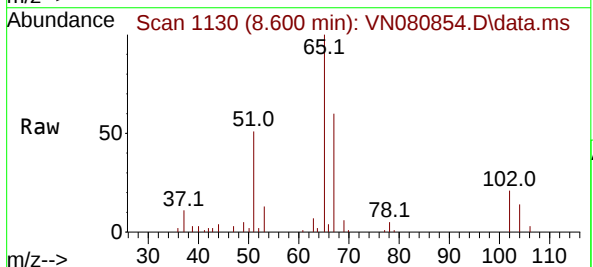
Instrument :
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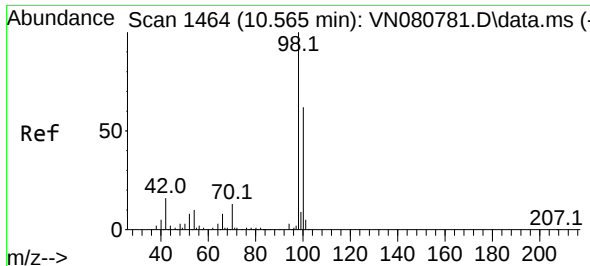
Tgt Ion:113 Resp: 60563
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 15.4 12.5 18.7



#40
Benzene
Concen: 0.244 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

Tgt Ion: 78 Resp: 1698
Ion Ratio Lower Upper
78 100
77 21.4 20.4 30.6

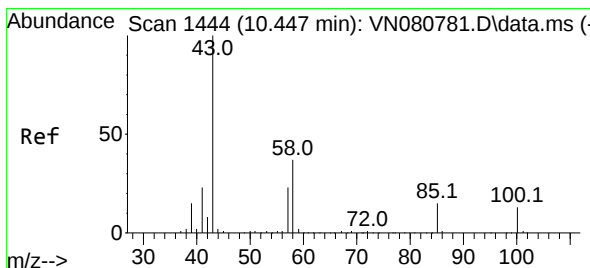
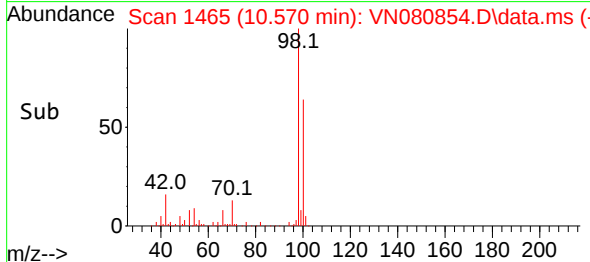
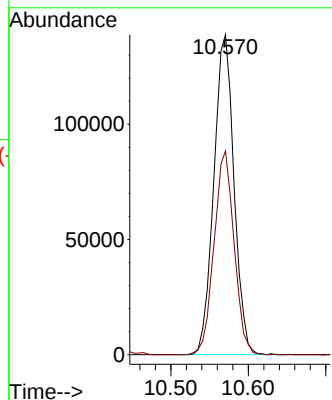
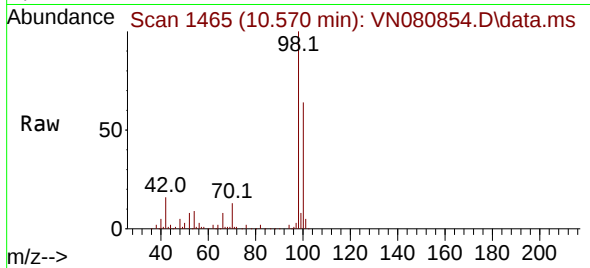




#50
Toluene-d8
Concen: 50.427 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

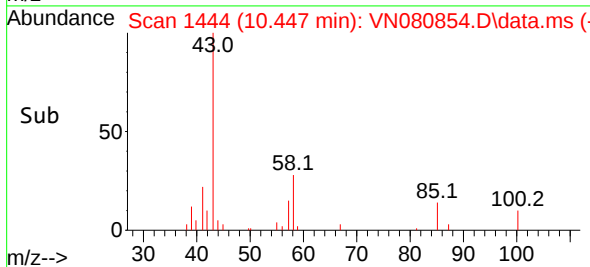
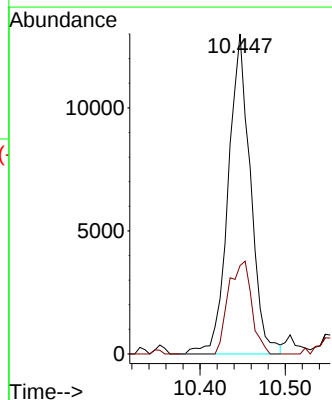
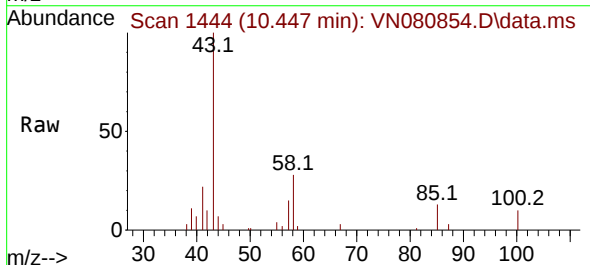
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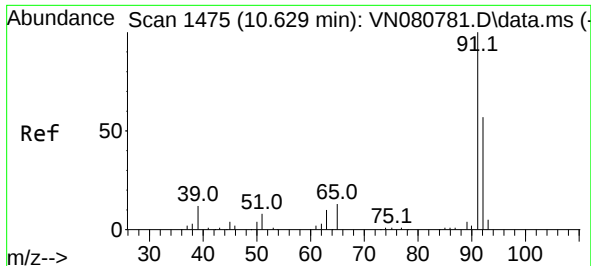
Tgt Ion: 98 Resp: 251232
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 9.505 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

Tgt Ion: 43 Resp: 23561
Ion Ratio Lower Upper
43 100
58 30.1 29.4 44.0

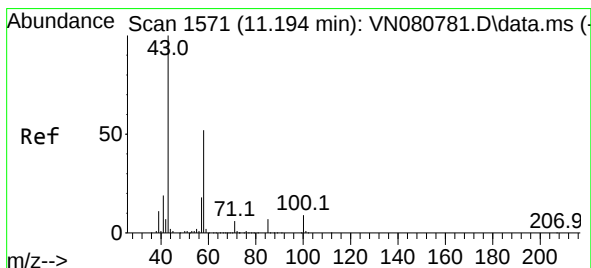
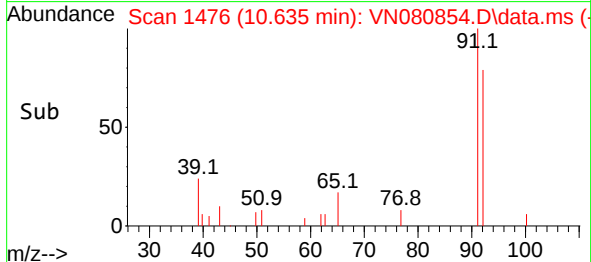
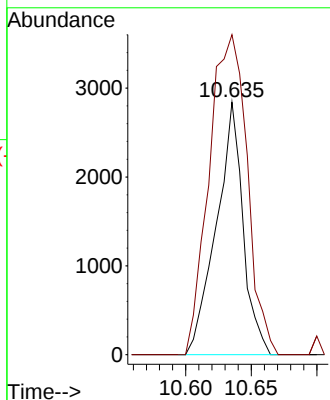
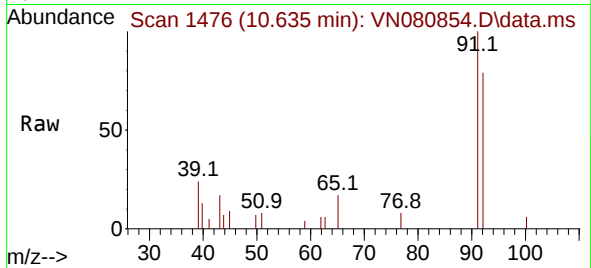




#52
Toluene
Concen: 1.009 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

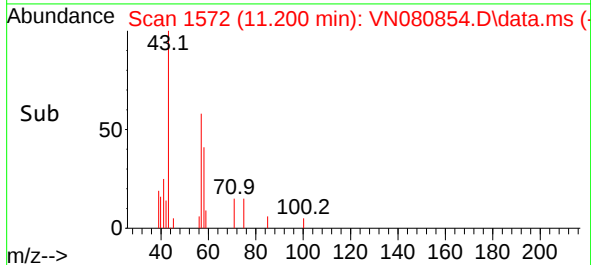
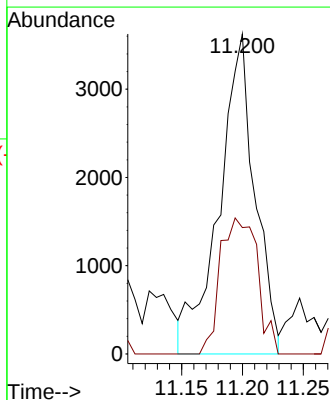
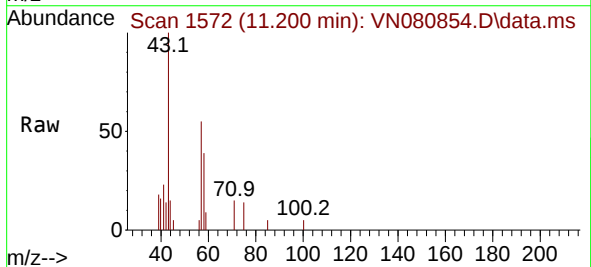
Instrument :
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1142

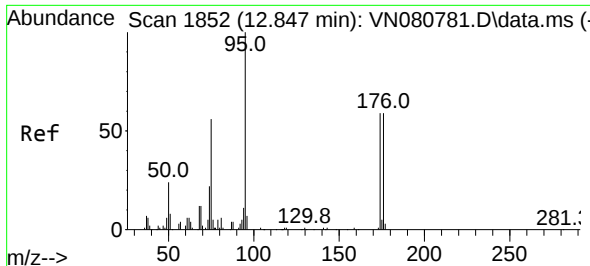
Tgt Ion: 92 Resp: 4024
Ion Ratio Lower Upper
92 100
91 180.6 139.4 209.0



#59
2-Hexanone
Concen: 3.852 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

Tgt Ion: 43 Resp: 7417
Ion Ratio Lower Upper
43 100
58 44.1 25.9 77.8

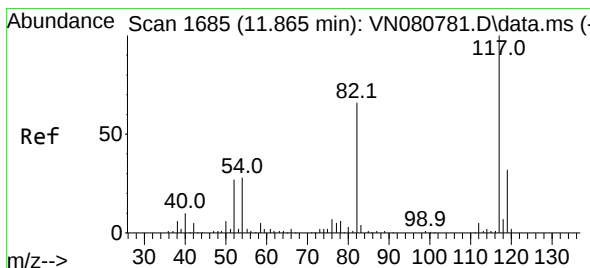
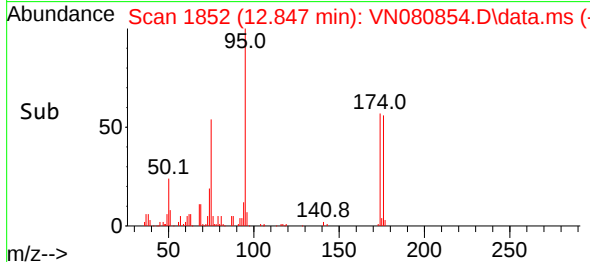
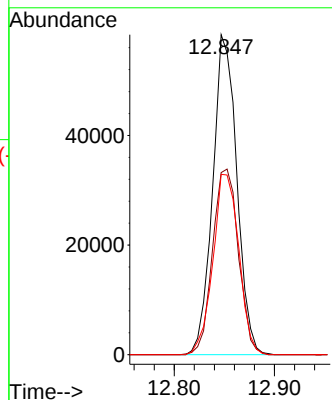
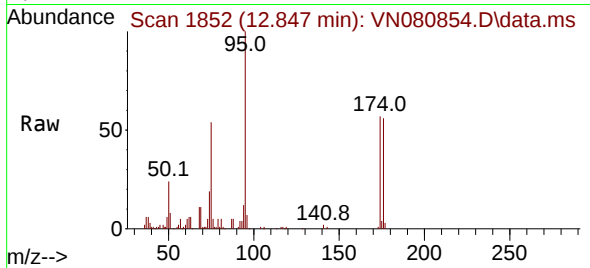




#62
4-Bromofluorobenzene
Concen: 56.134 ug/l
RT: 12.847 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

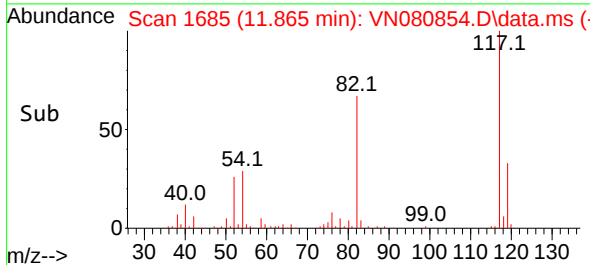
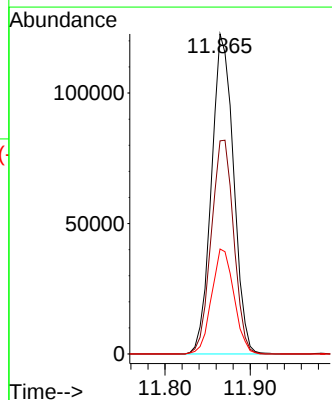
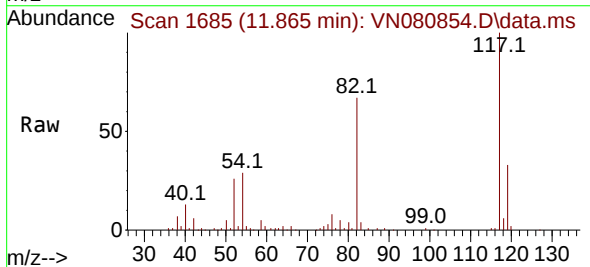
Instrument :
MSVOA_N
ClientSampleId :
1142

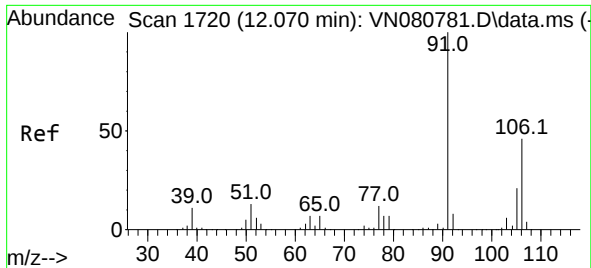
Tgt Ion: 95 Resp: 97456
Ion Ratio Lower Upper
95 100
174 62.2 0.0 120.4
176 60.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

Tgt Ion: 117 Resp: 220867
Ion Ratio Lower Upper
117 100
82 66.6 52.7 79.1
119 32.8 25.3 37.9

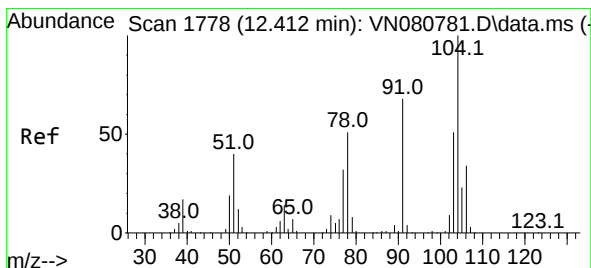
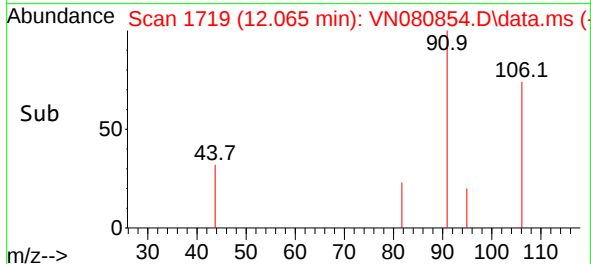
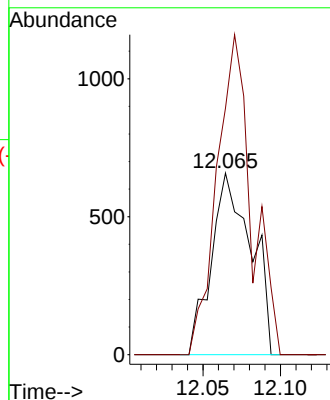
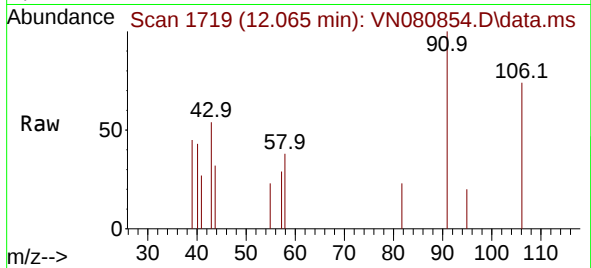




#68
m/p-Xylenes
Concen: 0.369 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

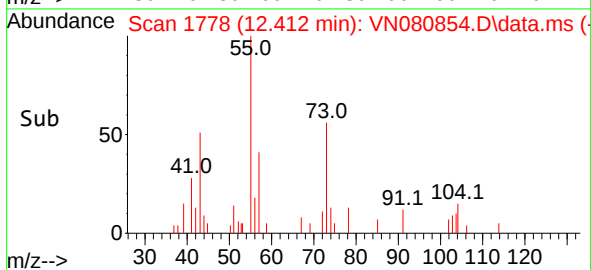
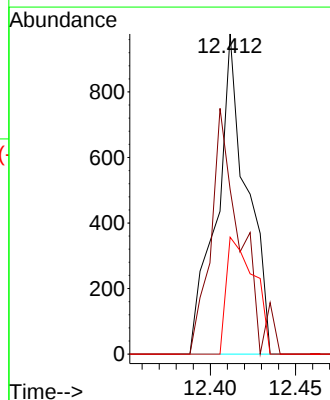
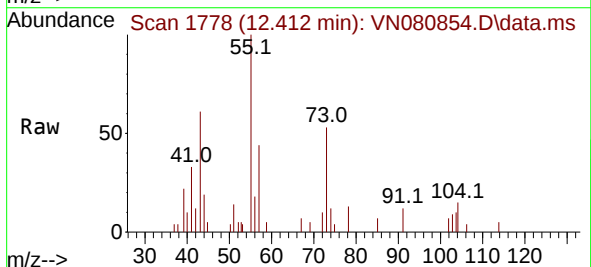
Instrument :
MSVOA_N
ClientSampleId :
1142

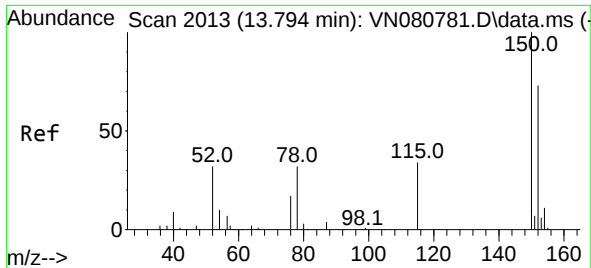
Tgt Ion:106 Resp: 1173
Ion Ratio Lower Upper
106 100
91 153.9 169.0 253.6#



#70
Styrene
Concen: 0.237 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

Tgt Ion:104 Resp: 1202
Ion Ratio Lower Upper
104 100
78 74.6 43.8 65.8#
103 33.7 44.2 66.2#

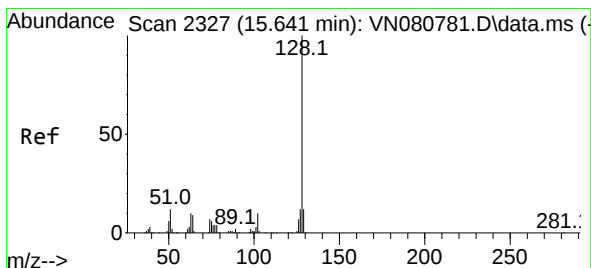
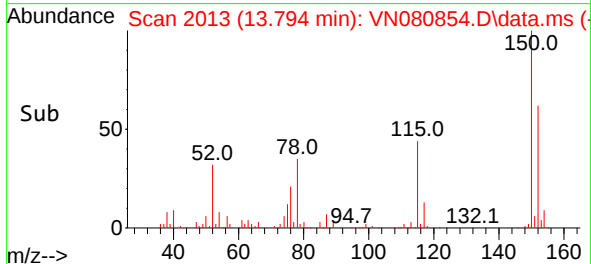
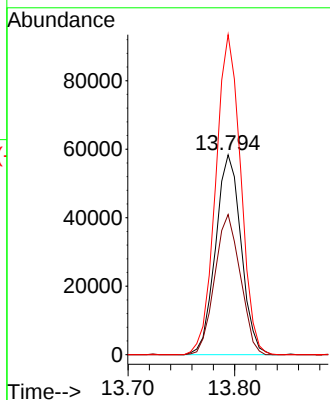
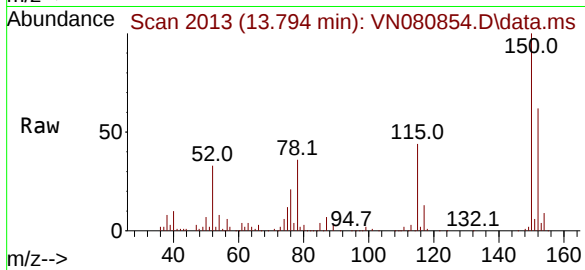




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

Instrument :
MSVOA_N
ClientSampleId :
1142

Tgt Ion:152 Resp: 97089
Ion Ratio Lower Upper
152 100
115 70.2 32.3 96.8
150 156.8 0.0 339.8



#95
Naphthalene
Concen: 0.343 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080854.D
Acq: 31 Jan 2024 20:42

Tgt Ion:128 Resp: 2103
Ion Ratio Lower Upper
128 100
127 16.9 10.0 15.0#
129 21.8 8.7 13.1#

