

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079695.D
 Acq On : 26 Oct 2023 13:11
 Operator : JC\MD
 Sample : 05036-01
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-1277

Quant Time: Oct 27 01:20:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

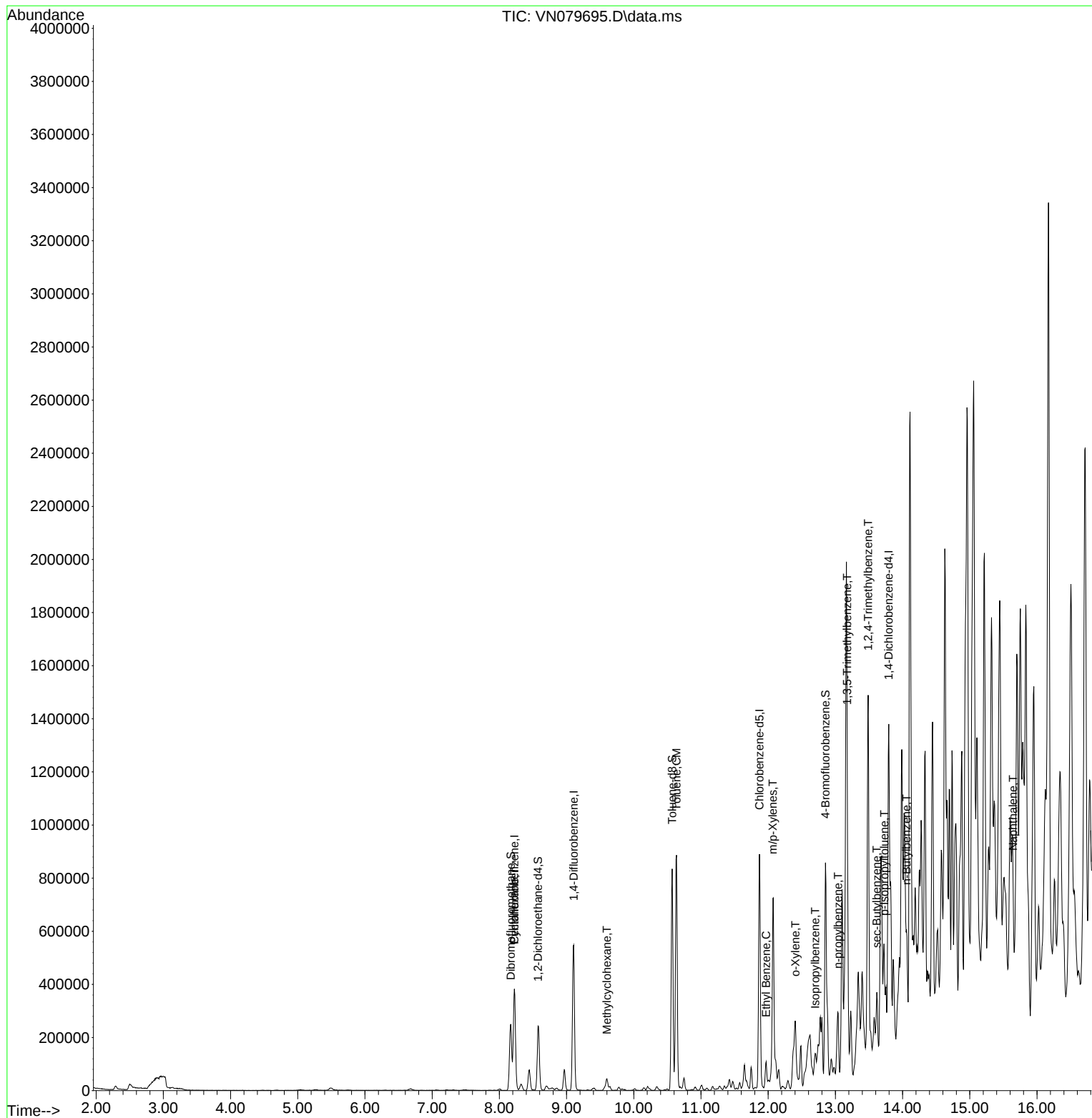
Internal Standards						
1) Pentafluorobenzene	8.224	168	242322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	468891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	492979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	259342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	197808	50.345	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.680%	
35) Dibromofluoromethane	8.171	113	179204	53.182	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.360%	
50) Toluene-d8	10.570	98	550522	45.153	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.300%	
62) 4-Bromofluorobenzene	12.853	95	265096	67.752	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 135.500%#	
Target Compounds						
					Qvalue	
31) Cyclohexane	8.224	56	18231	3.271	ug/l #	65
39) Methylcyclohexane	9.600	83	14408	2.965	ug/l #	77
52) Toluene	10.635	92	381458	43.147	ug/l	97
67) Ethyl Benzene	11.970	91	64427	3.376	ug/l	96
68) m/p-Xylenes	12.070	106	93058	13.422	ug/l	87
69) o-Xylene	12.406	106	51919	7.614	ug/l	89
73) Isopropylbenzene	12.700	105	36467	1.511	ug/l	94
78) n-propylbenzene	13.041	91	153037	5.606	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	194594	10.228	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	774660	42.665	ug/l	99
85) sec-Butylbenzene	13.617	105	101163	4.653	ug/l	88
86) p-Isopropyltoluene	13.729	119	66142	3.965	ug/l	99
89) n-Butylbenzene	14.059	91	212136	15.927	ug/l #	84
95) Naphthalene	15.647	128	170053	19.645	ug/l #	94

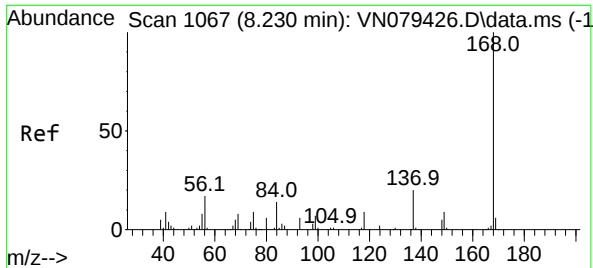
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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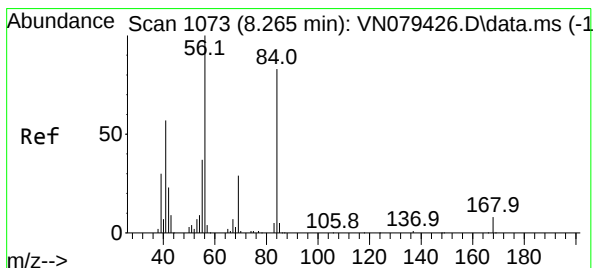
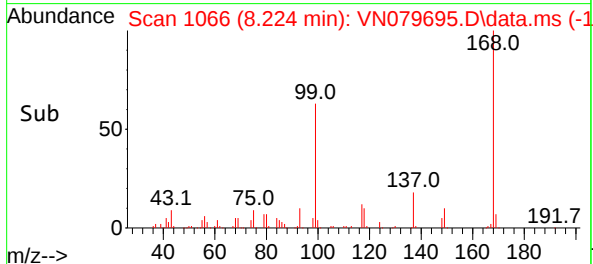
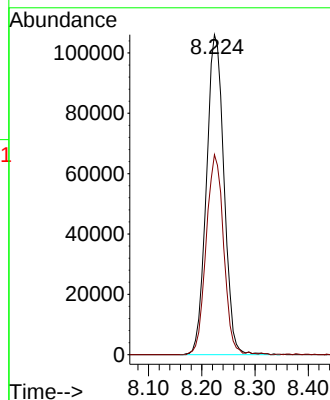
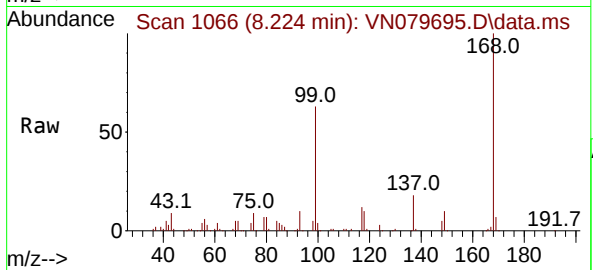




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN079695.D
Acq: 26 Oct 2023 13:11

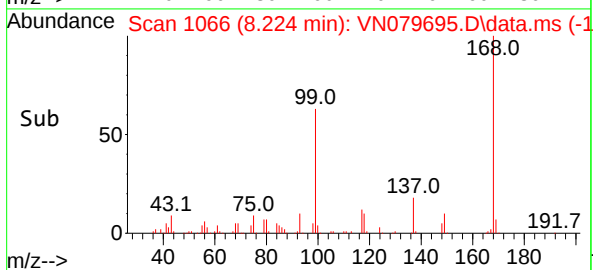
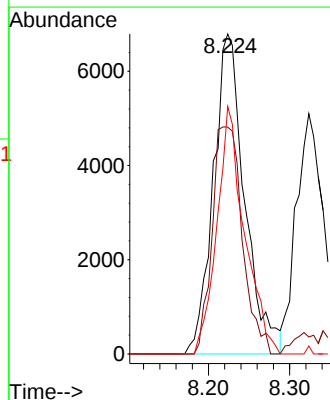
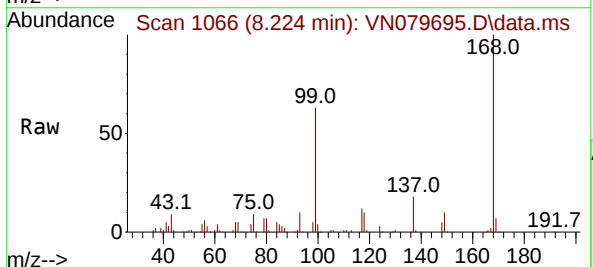
Instrument :
MSVOA_N
ClientSampleId :
BUR-1277

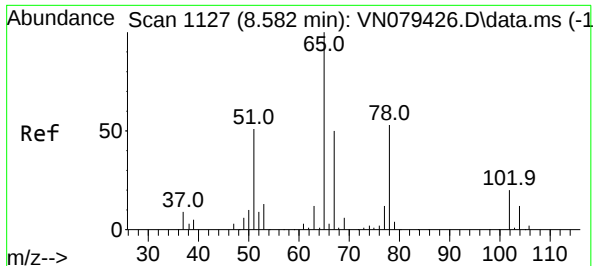
Tgt Ion:168 Resp: 242322
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#31
Cyclohexane
Concen: 3.271 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079695.D
Acq: 26 Oct 2023 13:11

Tgt Ion: 56 Resp: 18231
Ion Ratio Lower Upper
56 100
69 70.9 26.8 40.2#
84 77.3 81.8 122.6#

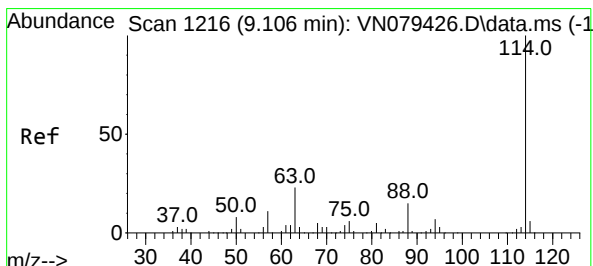
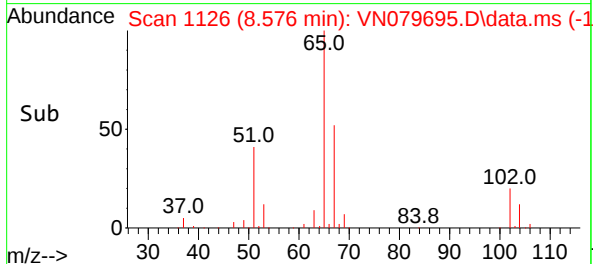
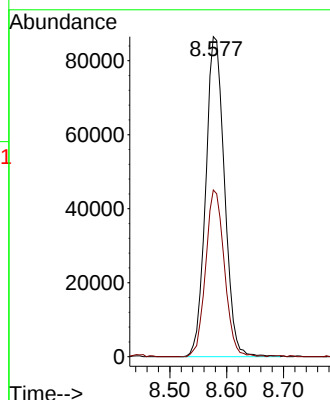
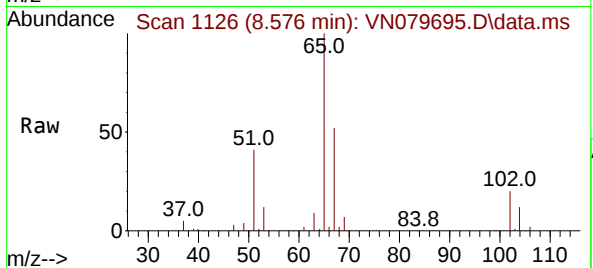




#33
 1,2-Dichloroethane-d4
 Concen: 50.345 ug/l
 RT: 8.576 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VN079695.D
 Acq: 26 Oct 2023 13:11

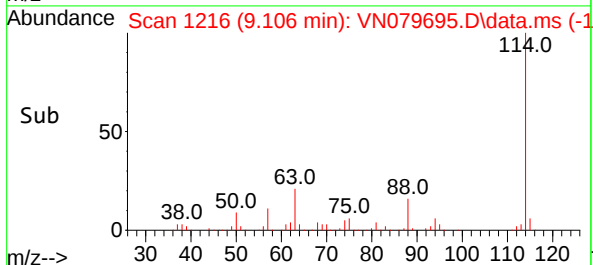
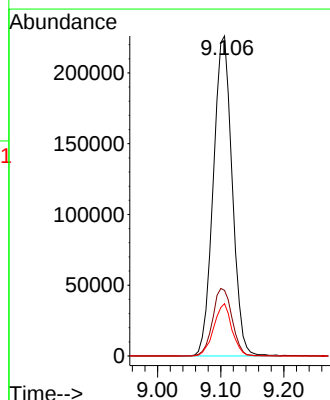
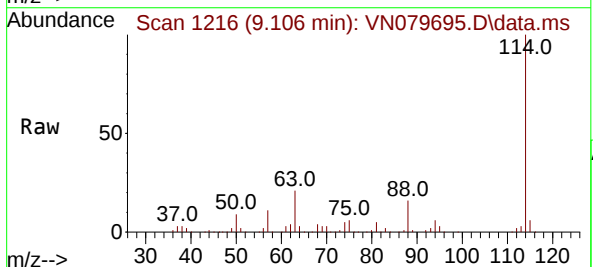
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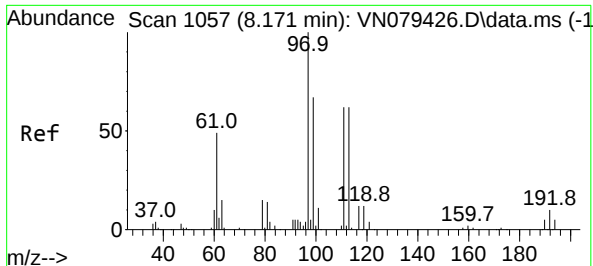
Tgt Ion: 65 Resp: 197808
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN079695.D
 Acq: 26 Oct 2023 13:11

Tgt Ion: 114 Resp: 468891
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 36.4
 88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.182 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079695.D

Acq: 26 Oct 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

BUR-1277

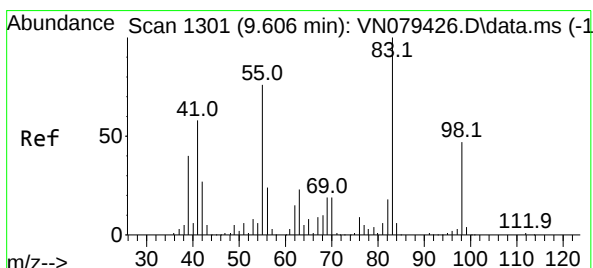
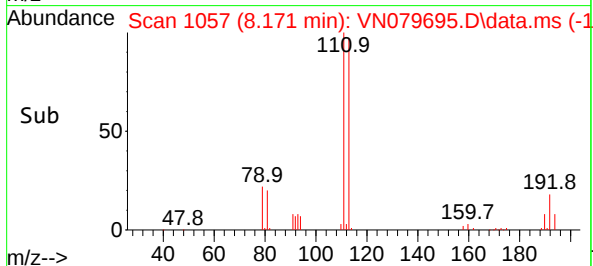
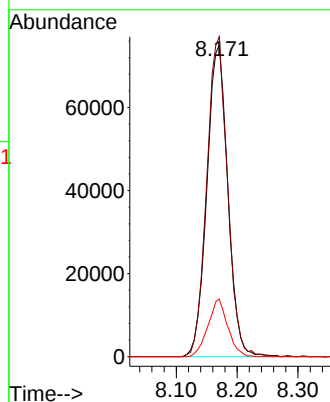
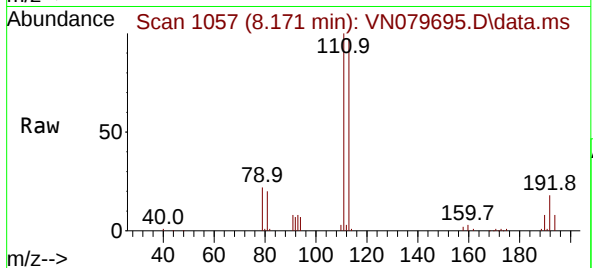
Tgt Ion:113 Resp: 179204

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

192 17.5 12.7 19.1



#39

Methylcyclohexane

Concen: 2.965 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN079695.D

Acq: 26 Oct 2023 13:11

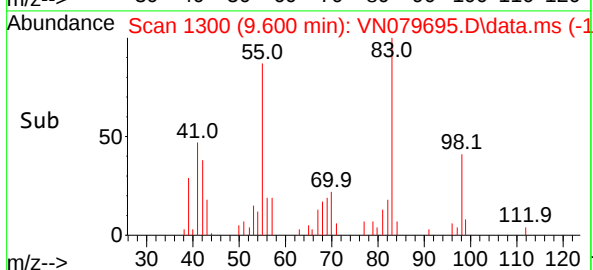
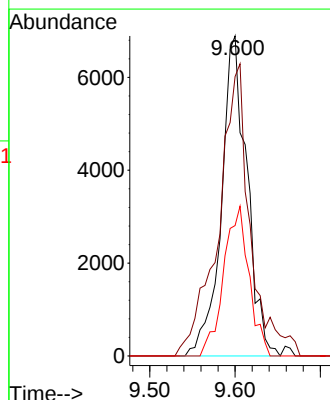
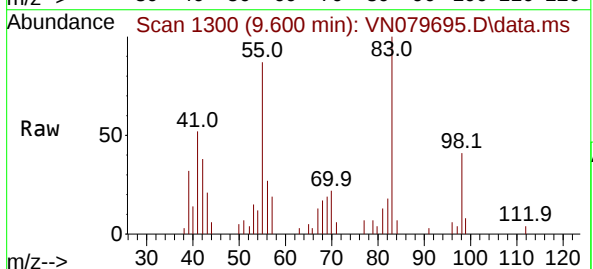
Tgt Ion: 83 Resp: 14408

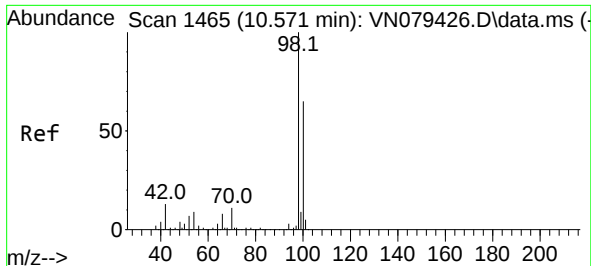
Ion Ratio Lower Upper

83 100

55 84.6 49.1 73.7#

98 40.8 40.6 61.0

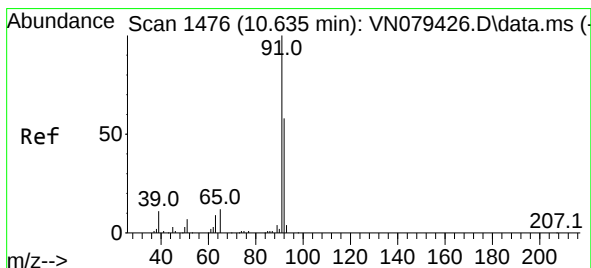
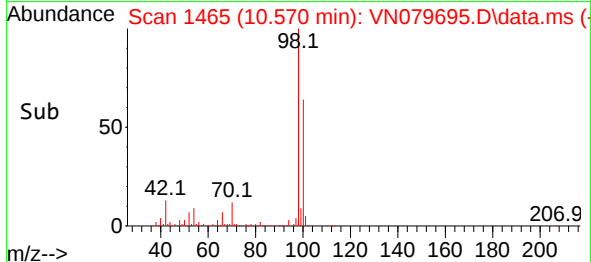
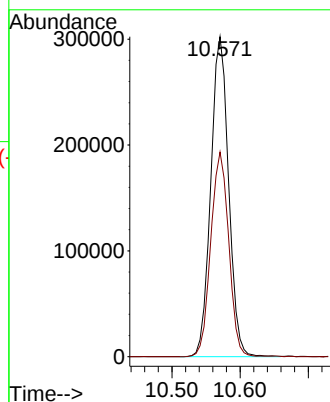
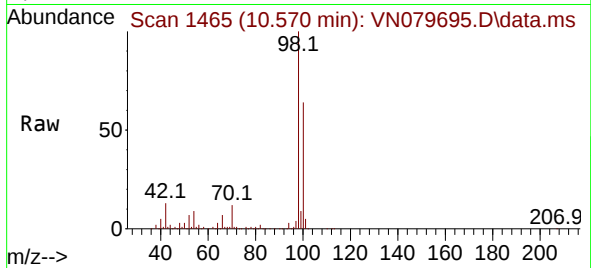




#50
Toluene-d8
Concen: 45.153 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079695.D
Acq: 26 Oct 2023 13:11

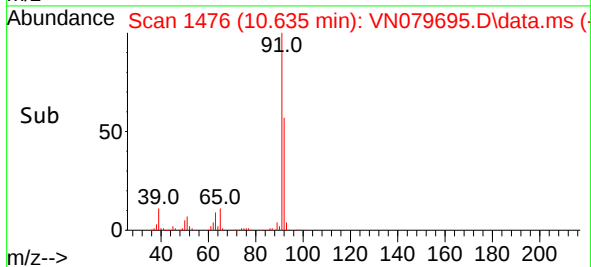
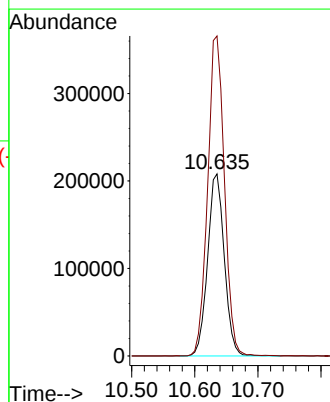
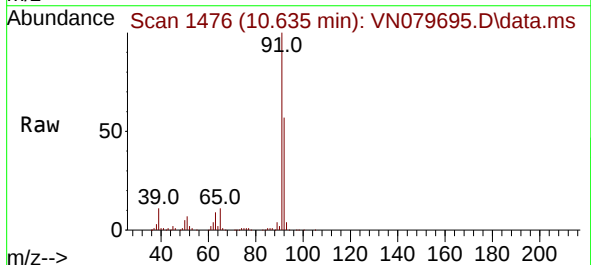
Instrument :
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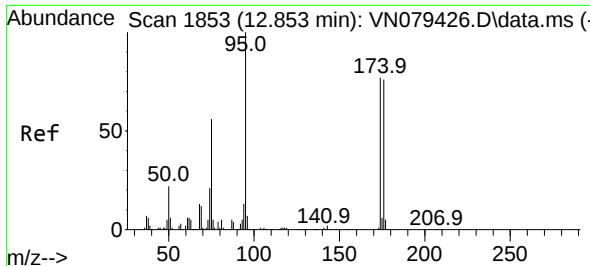
Tgt Ion: 98 Resp: 550522
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#52
Toluene
Concen: 43.147 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079695.D
Acq: 26 Oct 2023 13:11

Tgt Ion: 92 Resp: 381458
Ion Ratio Lower Upper
92 100
91 176.0 137.4 206.0

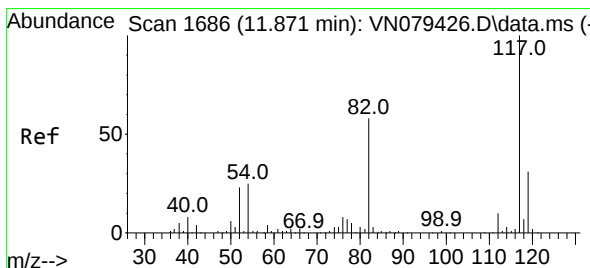
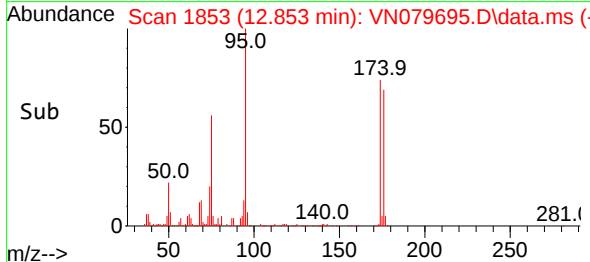
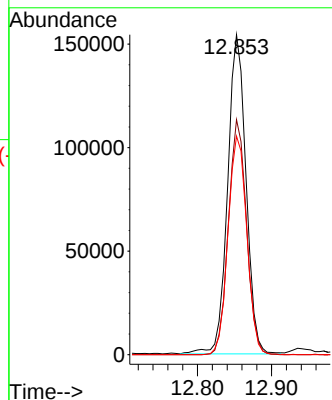
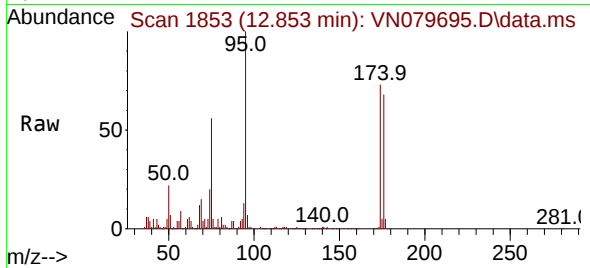




#62
4-Bromofluorobenzene
Concen: 67.752 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079695.D
Acq: 26 Oct 2023 13:11

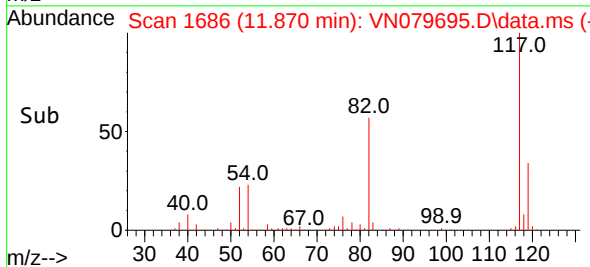
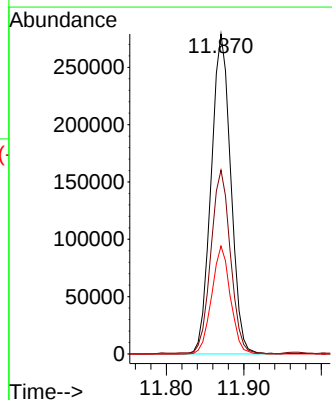
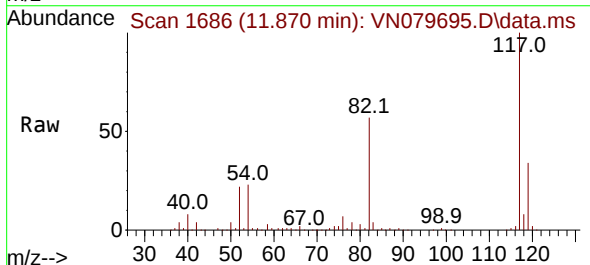
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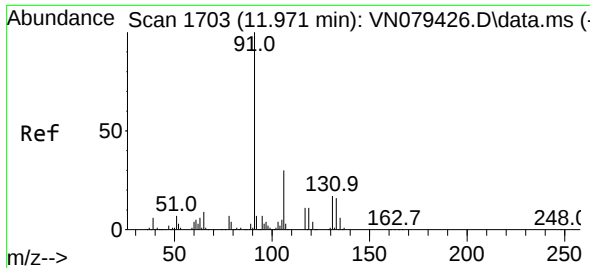
Tgt Ion: 95 Resp: 265096
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 69.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079695.D
Acq: 26 Oct 2023 13:11

Tgt Ion: 117 Resp: 492979
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 33.7 25.6 38.4

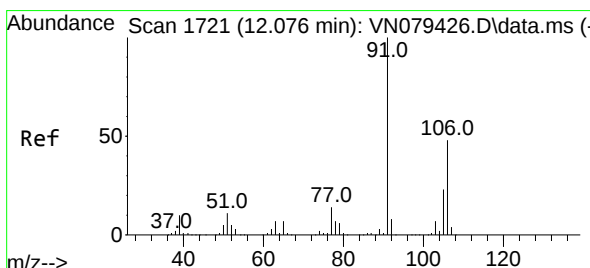
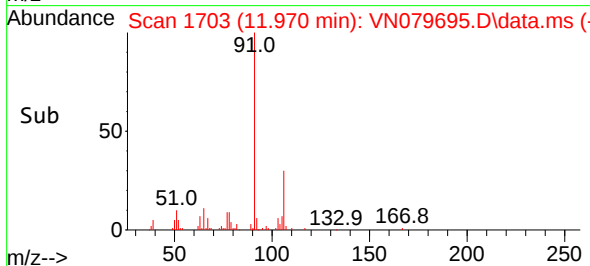
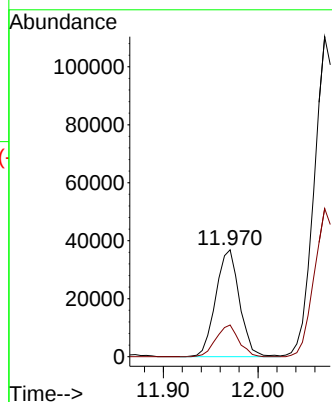
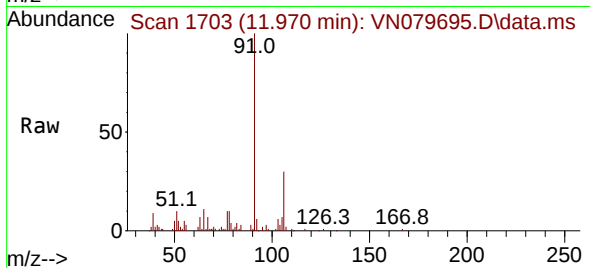




#67
Ethyl Benzene
Concen: 3.376 ug/l
RT: 11.970 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079695.D
Acq: 26 Oct 2023 13:11

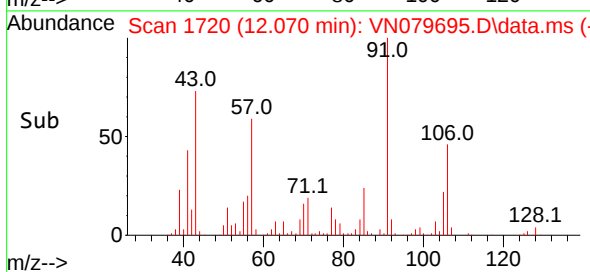
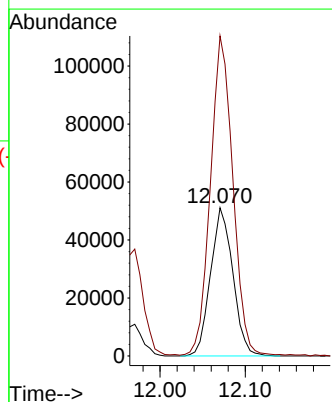
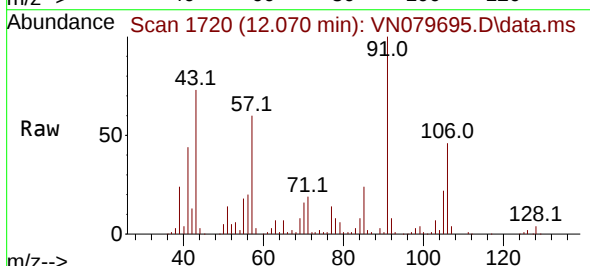
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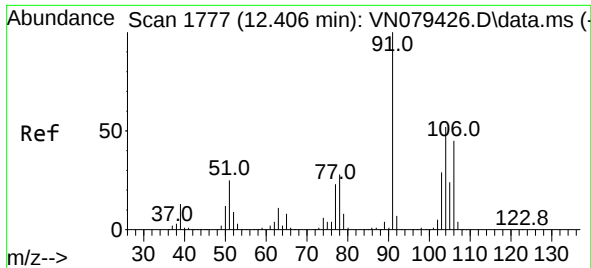
Tgt Ion: 91 Resp: 64427
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4



#68
m/p-Xylenes
Concen: 13.422 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079695.D
Acq: 26 Oct 2023 13:11

Tgt Ion: 106 Resp: 93058
Ion Ratio Lower Upper
106 100
91 218.6 159.6 239.4

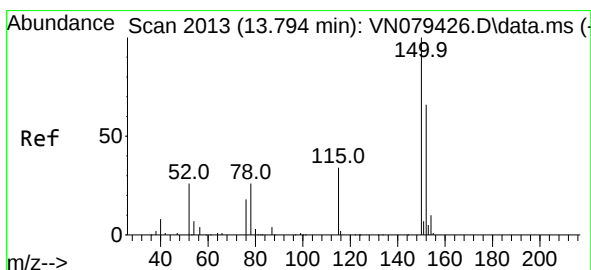
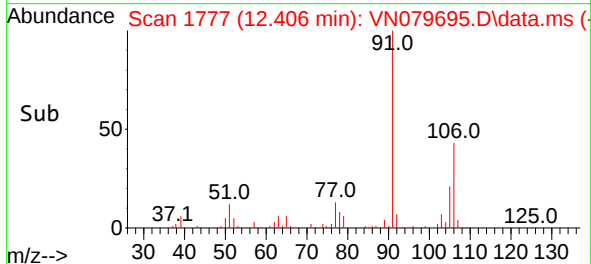
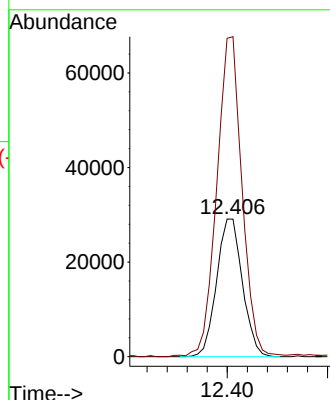
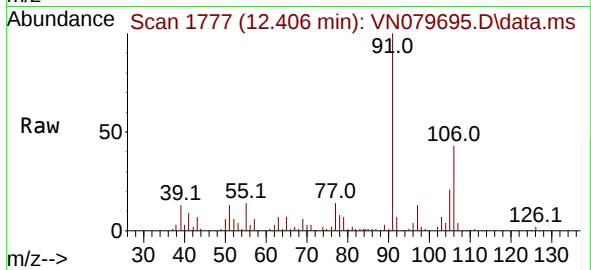




#69
o-Xylene
Concen: 7.614 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079695.D
Acq: 26 Oct 2023 13:11

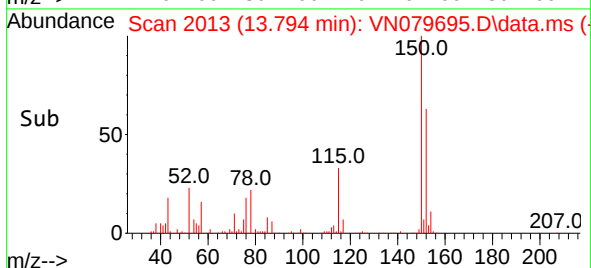
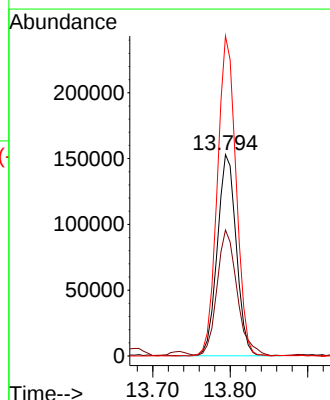
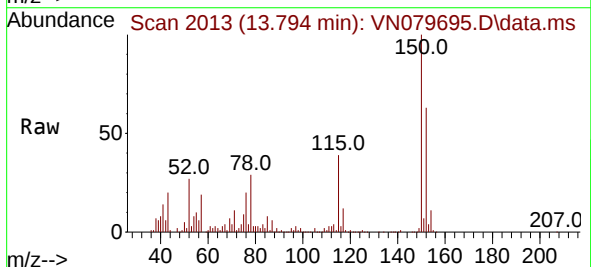
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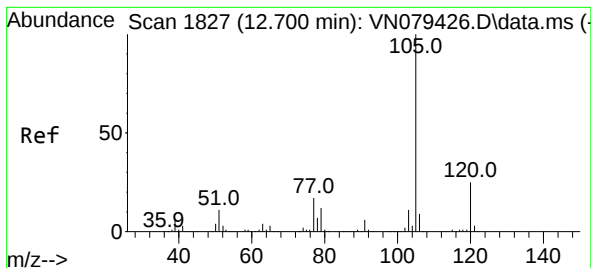
Tgt Ion:106 Resp: 51919
Ion Ratio Lower Upper
106 100
91 227.7 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079695.D
Acq: 26 Oct 2023 13:11

Tgt Ion:152 Resp: 259342
Ion Ratio Lower Upper
152 100
115 66.1 32.3 96.8
150 157.1 0.0 355.8





#73

Isopropylbenzene

Concen: 1.511 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079695.D

Acq: 26 Oct 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

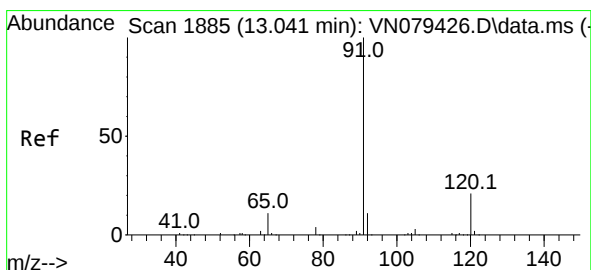
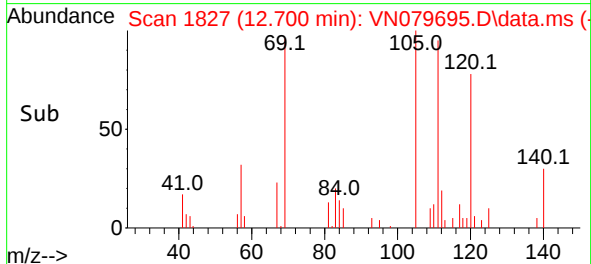
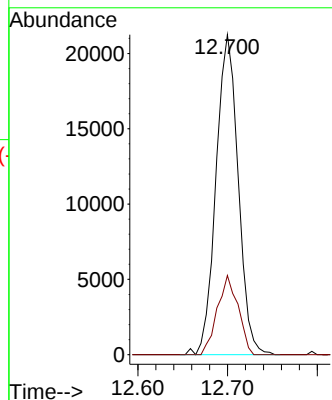
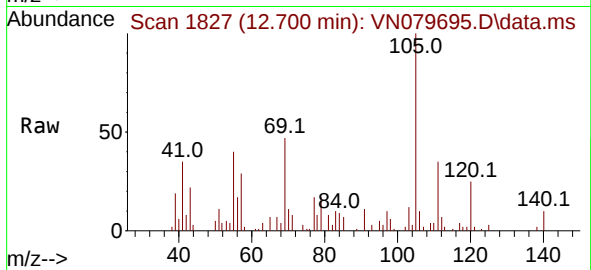
BUR-1277

Tgt Ion:105 Resp: 36467

Ion Ratio Lower Upper

105 100

120 23.2 13.1 39.1



#78

n-propylbenzene

Concen: 5.606 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079695.D

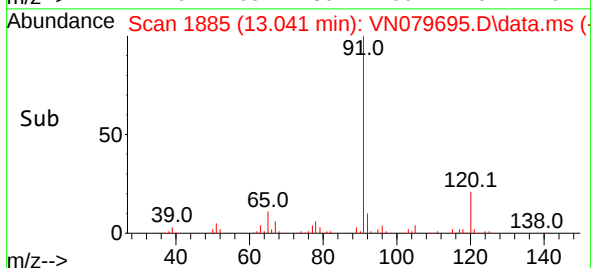
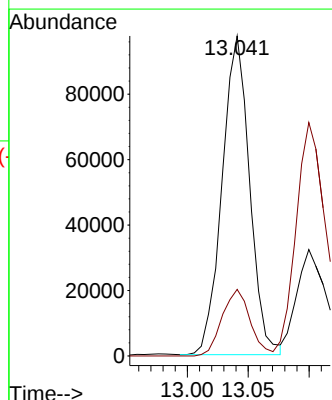
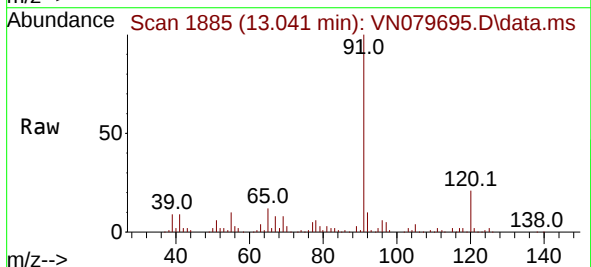
Acq: 26 Oct 2023 13:11

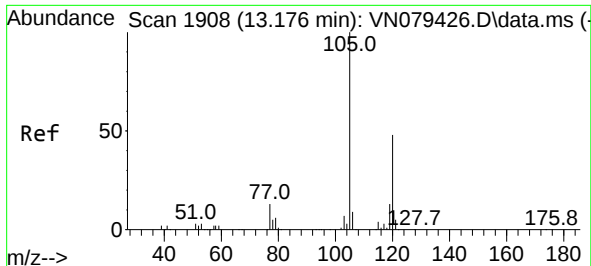
Tgt Ion: 91 Resp: 153037

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.4

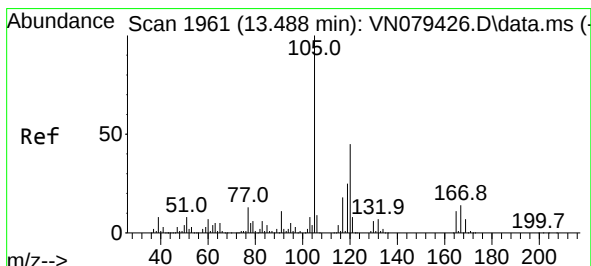
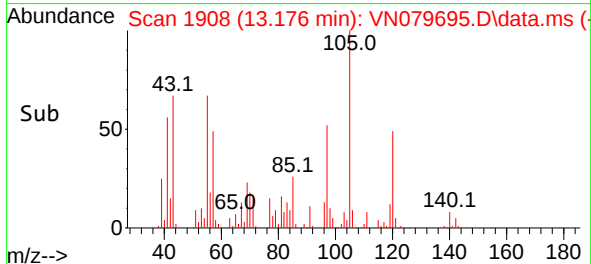
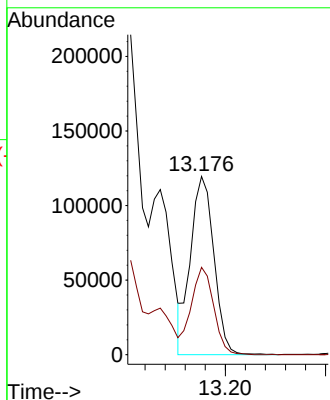
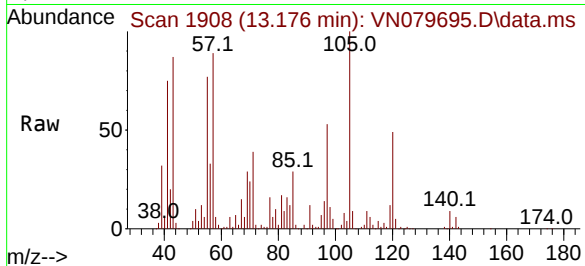




#80
1,3,5-Trimethylbenzene
Concen: 10.228 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079695.D
Acq: 26 Oct 2023 13:11

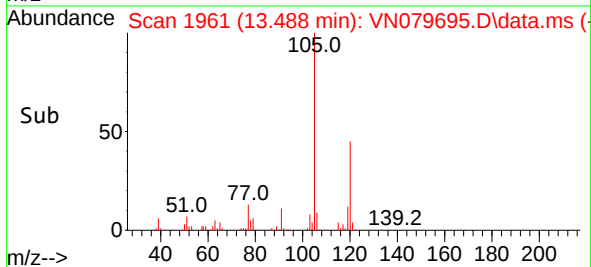
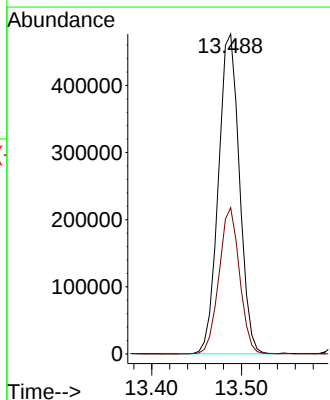
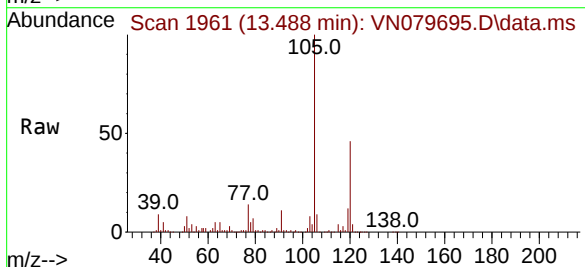
Instrument :
MSVOA_N
ClientSampleId :
BUR-1277

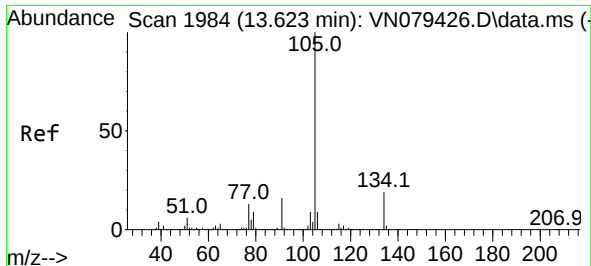
Tgt Ion:105 Resp: 194594
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 42.665 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079695.D
Acq: 26 Oct 2023 13:11

Tgt Ion:105 Resp: 774660
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0

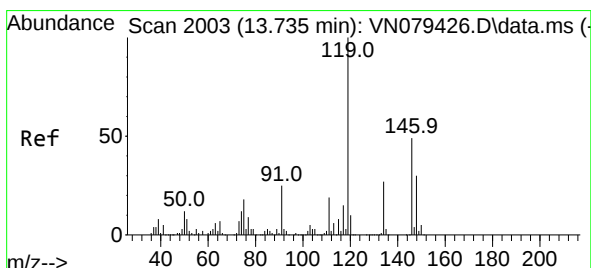
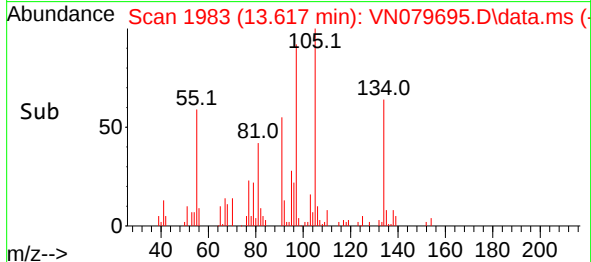
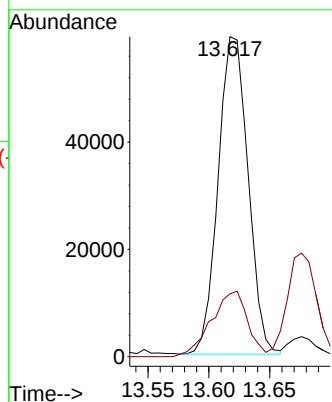
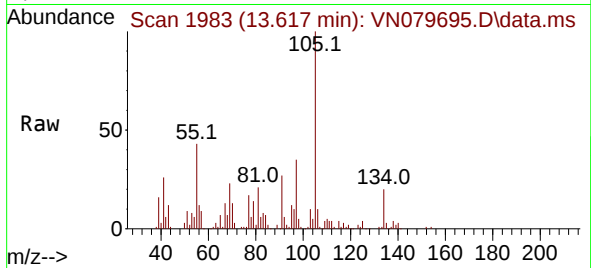




#85
 sec-Butylbenzene
 Concen: 4.653 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079695.D
 Acq: 26 Oct 2023 13:11

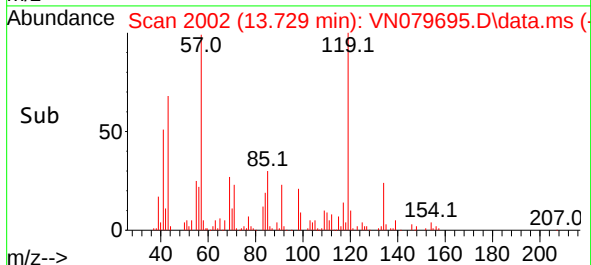
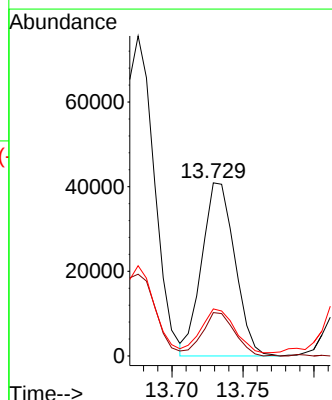
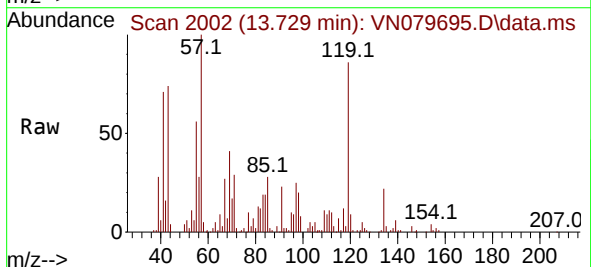
Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-1277

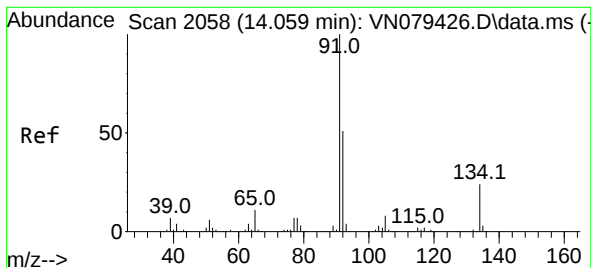
Tgt Ion:105 Resp: 101163
 Ion Ratio Lower Upper
 105 100
 134 24.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 3.965 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079695.D
 Acq: 26 Oct 2023 13:11

Tgt Ion:119 Resp: 66142
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 25.5 12.4 37.2





#89

n-Butylbenzene

Concen: 15.927 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079695.D

Acq: 26 Oct 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

BUR-1277

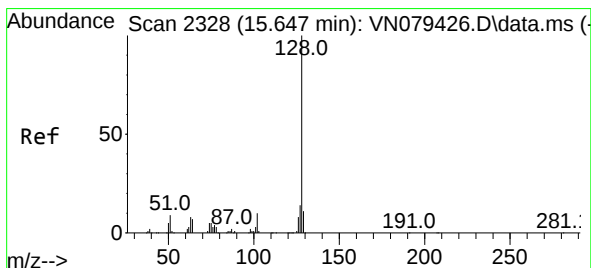
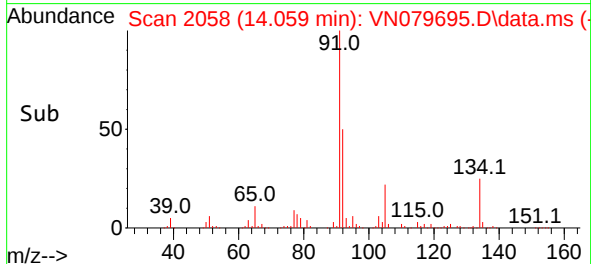
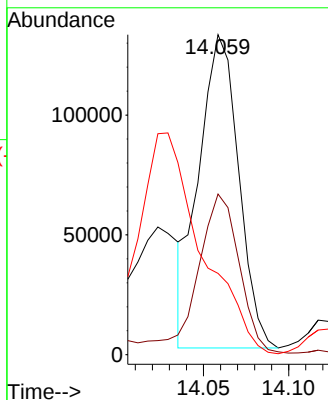
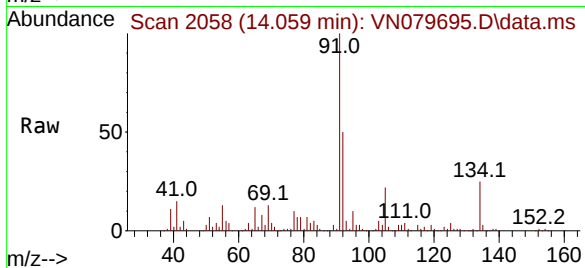
Tgt Ion: 91 Resp: 212136

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.0

134 0.0 12.6 37.6#



#95

Naphthalene

Concen: 19.645 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079695.D

Acq: 26 Oct 2023 13:11

Tgt Ion:128 Resp: 170053

Ion Ratio Lower Upper

128 100

127 9.6 10.0 15.0#

129 12.2 8.7 13.1

