

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092823\
 Data File : VN079371.D
 Acq On : 28 Sep 2023 14:03
 Operator : JC\MD
 Sample : 04613-05 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1034

Quant Time: Sep 29 04:35:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

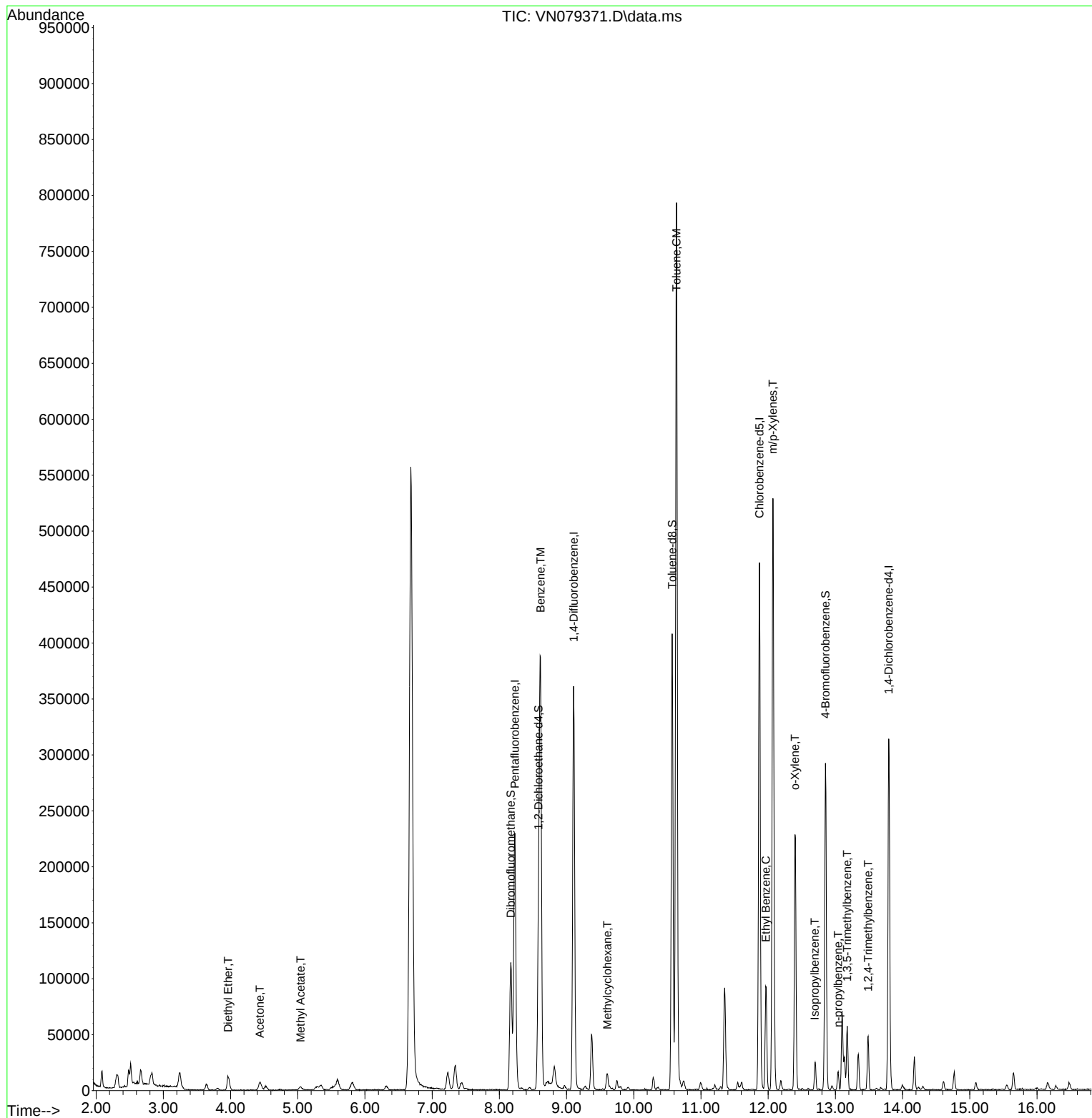
Internal Standards						
1) Pentafluorobenzene	8.229	168	159076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	302029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	263999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	105829	49.283	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.560%		
35) Dibromofluoromethane	8.171	113	82778	41.203	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.400%		
50) Toluene-d8	10.571	98	273469	37.071	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	74.140%#		
62) 4-Bromofluorobenzene	12.853	95	99000	42.073	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.140%		
Target Compounds						Qvalue
8) Diethyl Ether	3.965	74	7145	6.244	ug/l	73
16) Acetone	4.436	43	12392	13.588	ug/l #	80
18) Methyl Acetate	5.041	43	5718	1.526	ug/l #	77
39) Methylcyclohexane	9.606	83	5459	1.787	ug/l #	79
40) Benzene	8.612	78	365331	38.538	ug/l	100
52) Toluene	10.635	92	330492	56.729	ug/l	97
67) Ethyl Benzene	11.965	91	67334	6.582	ug/l	90
68) m/p-Xylenes	12.070	106	161077	42.245	ug/l	94
69) o-Xylene	12.400	106	63414	17.341	ug/l	95
73) Isopropylbenzene	12.694	105	15823	2.100	ug/l	96
78) n-propylbenzene	13.041	91	13241	1.564	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	29459	4.692	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	25993	4.347	ug/l	99

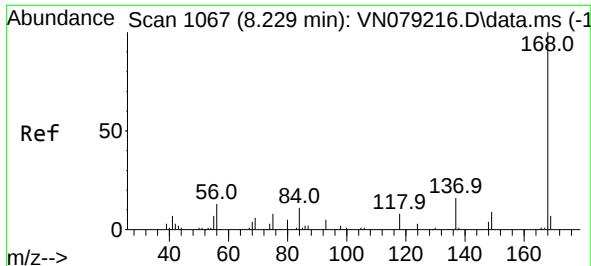
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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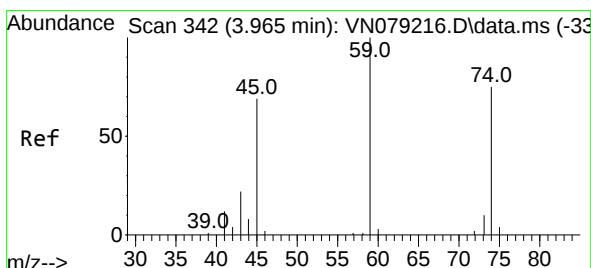
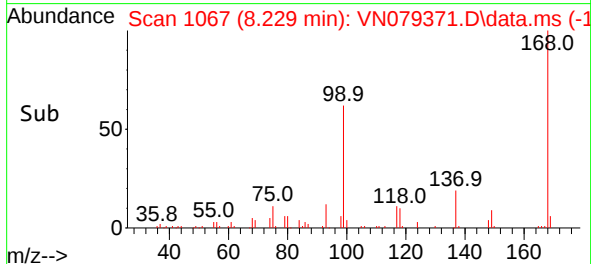
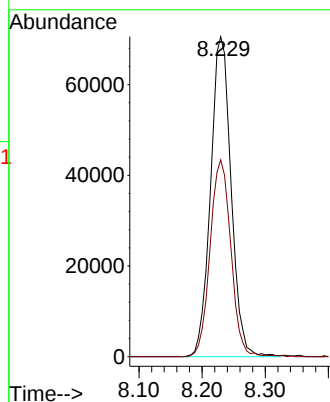
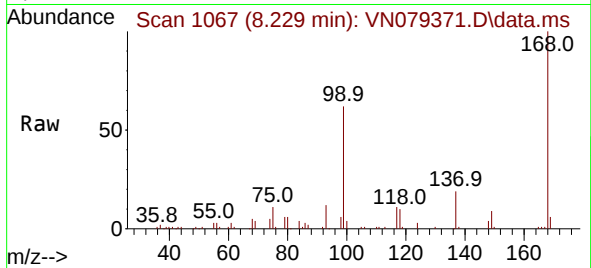




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

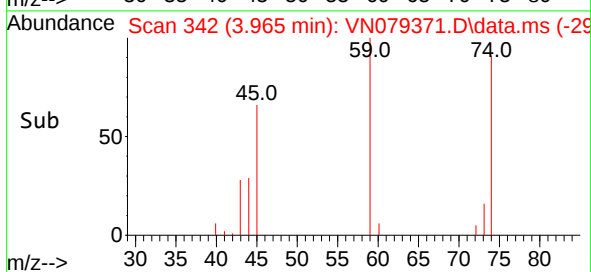
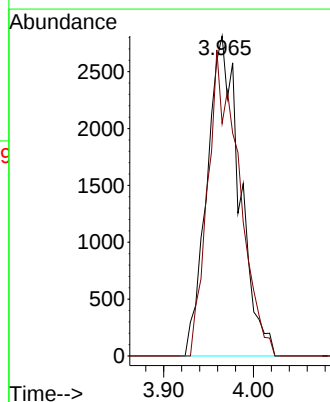
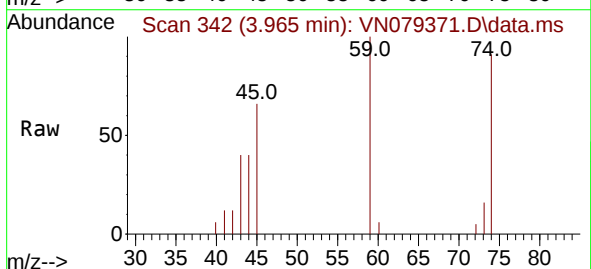
Instrument :
MSVOA_N
ClientSampleId :
1034

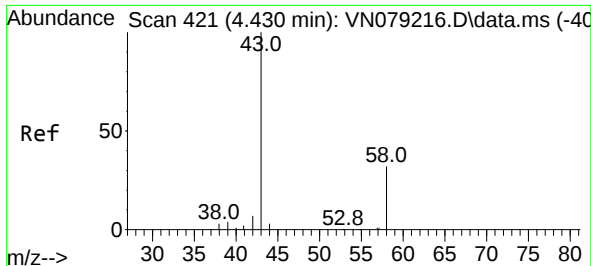
Tgt Ion:168 Resp: 159076
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#8
Diethyl Ether
Concen: 6.244 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Tgt Ion: 74 Resp: 7145
Ion Ratio Lower Upper
74 100
45 91.0 34.4 103.3

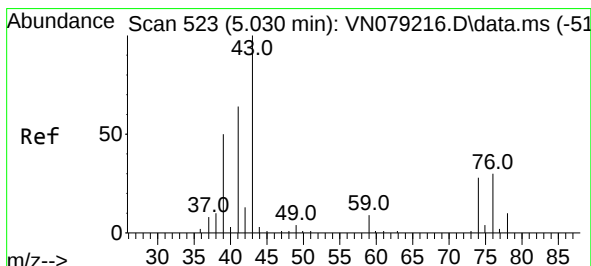
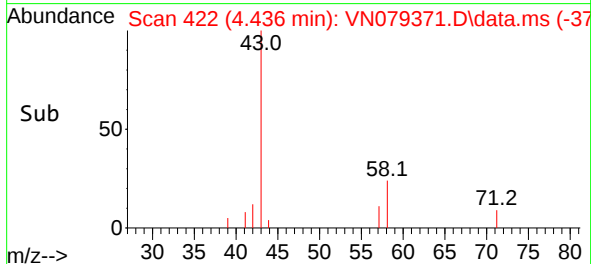
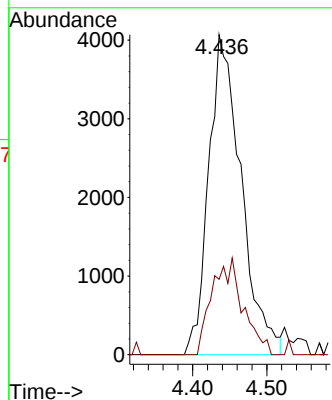
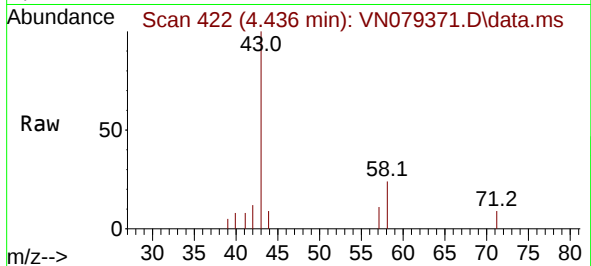




#16
Acetone
Concen: 13.588 ug/l
RT: 4.436 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

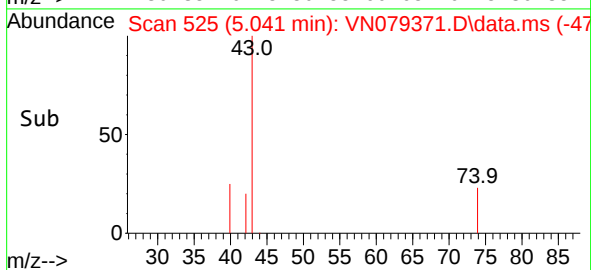
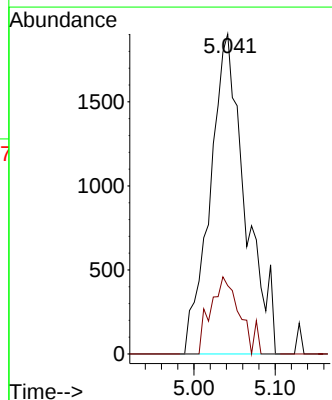
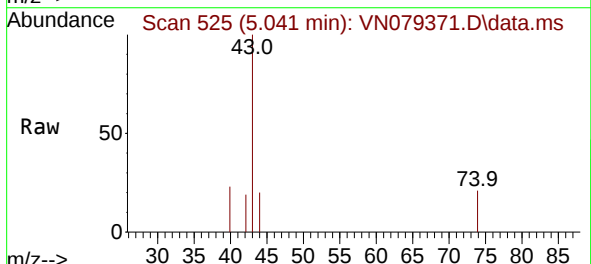
Instrument :
MSVOA_N
ClientSampleId :
1034

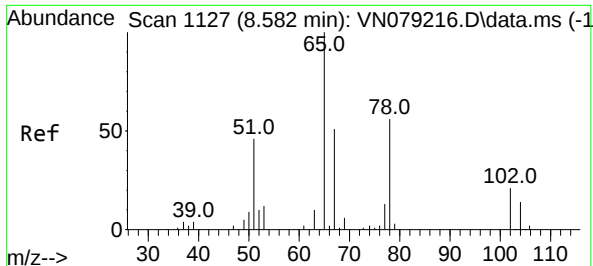
Tgt Ion: 43 Resp: 12392
Ion Ratio Lower Upper
43 100
58 23.5 28.0 42.0#



#18
Methyl Acetate
Concen: 1.526 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.001 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Tgt Ion: 43 Resp: 5718
Ion Ratio Lower Upper
43 100
74 20.0 26.2 39.4#





#33

1,2-Dichloroethane-d4

Concen: 49.283 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

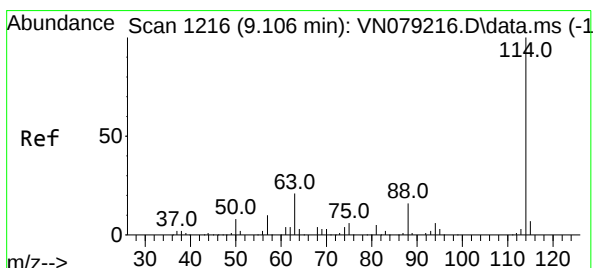
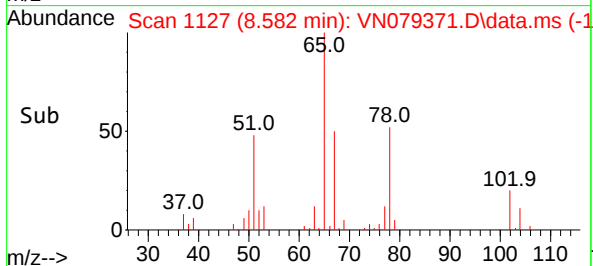
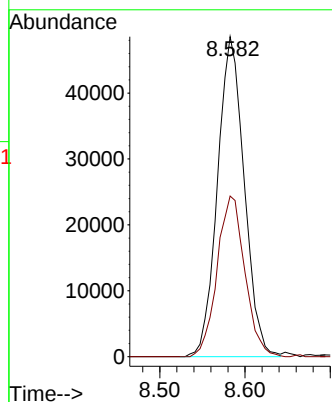
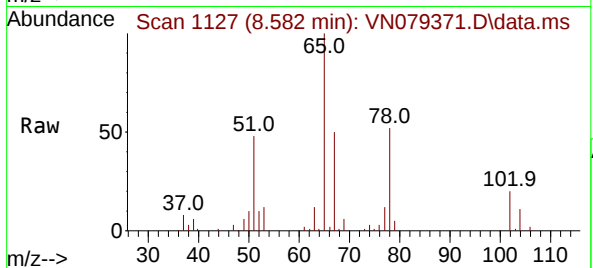
1034

Tgt Ion: 65 Resp: 105829

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. -0.006 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

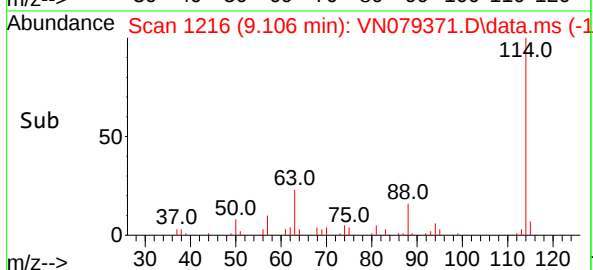
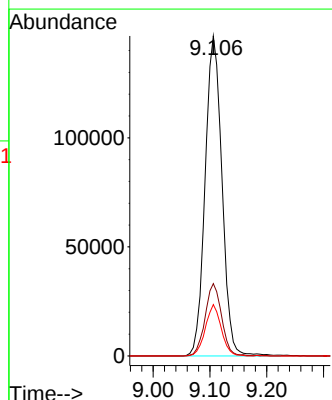
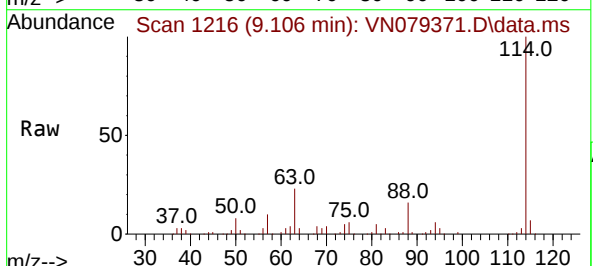
Tgt Ion: 114 Resp: 302029

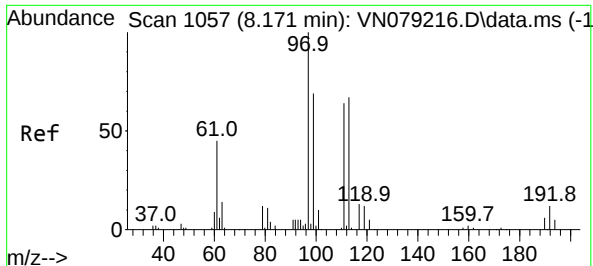
Ion Ratio Lower Upper

114 100

63 22.6 0.0 36.4

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 41.203 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

1034

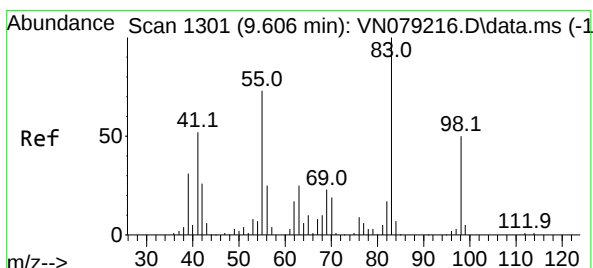
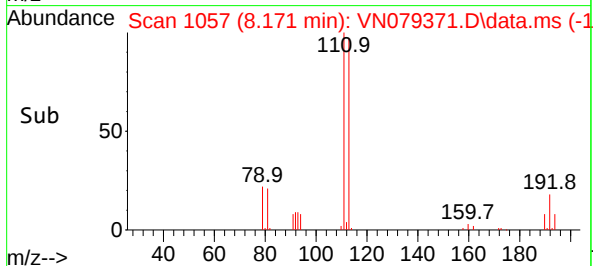
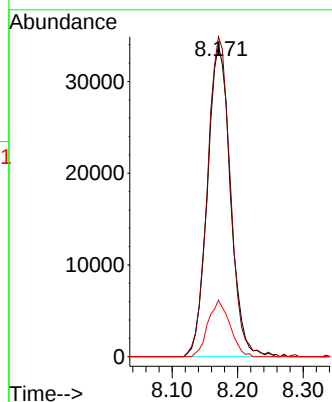
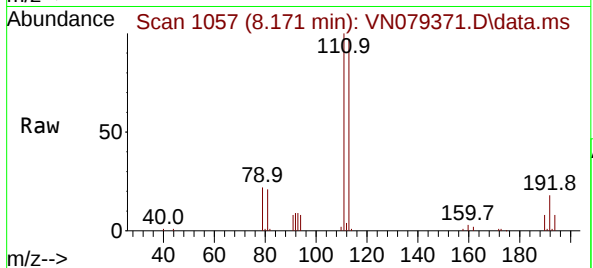
Tgt Ion:113 Resp: 82778

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 17.2 12.7 19.1



#39

Methylcyclohexane

Concen: 1.787 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

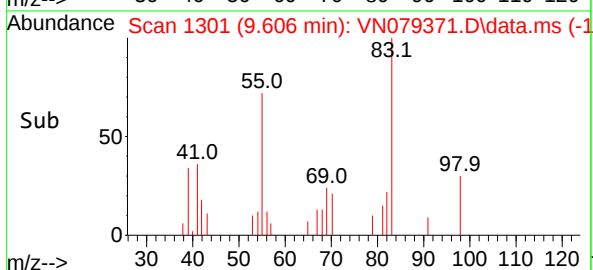
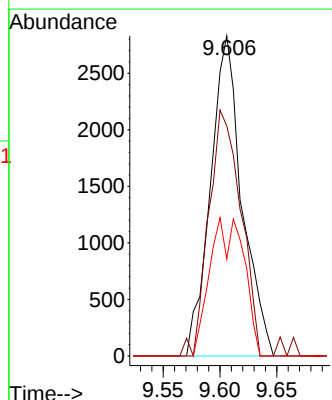
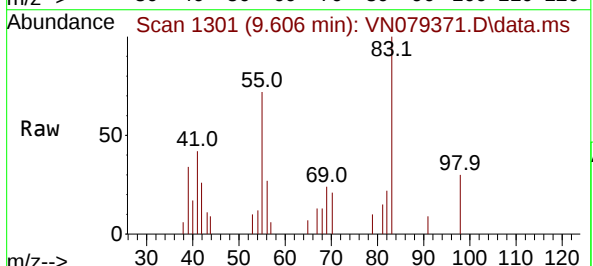
Tgt Ion: 83 Resp: 5459

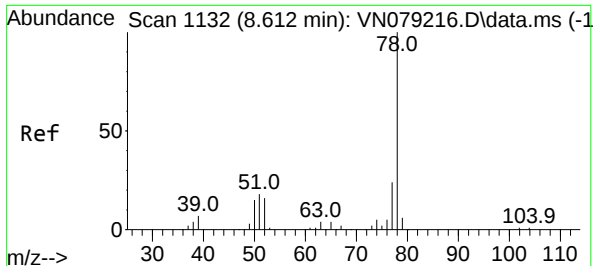
Ion Ratio Lower Upper

83 100

55 71.9 49.1 73.7

98 30.3 40.6 61.0#

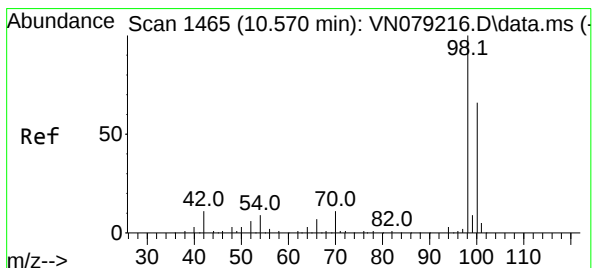
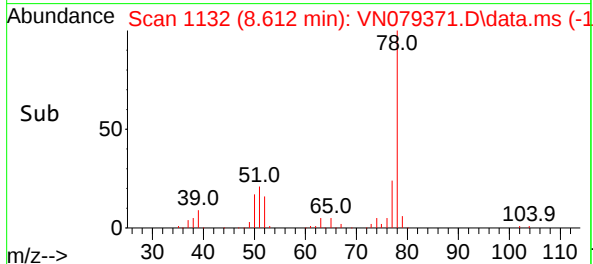
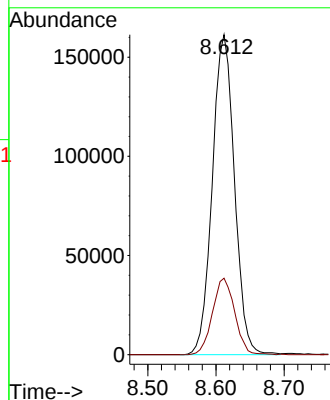
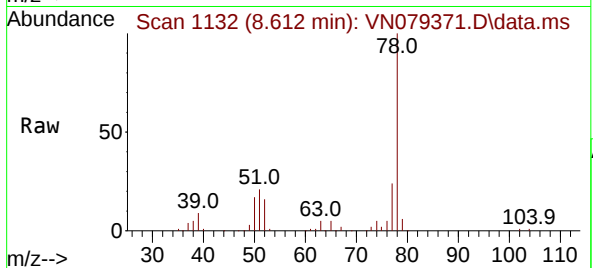




#40
Benzene
Concen: 38.538 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

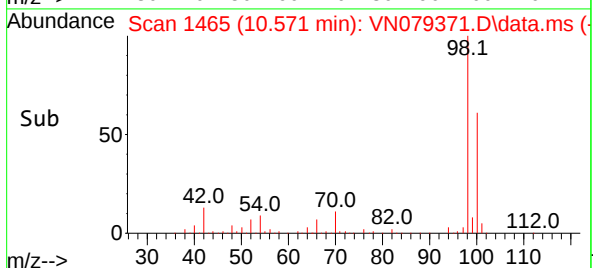
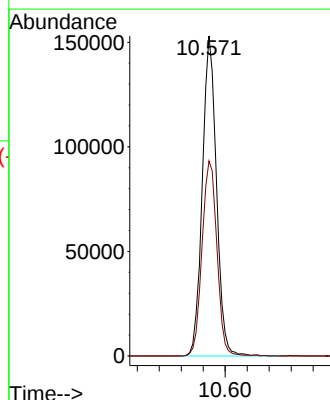
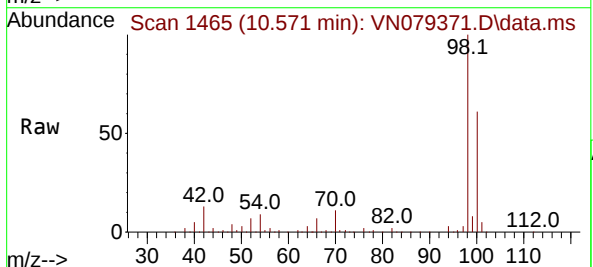
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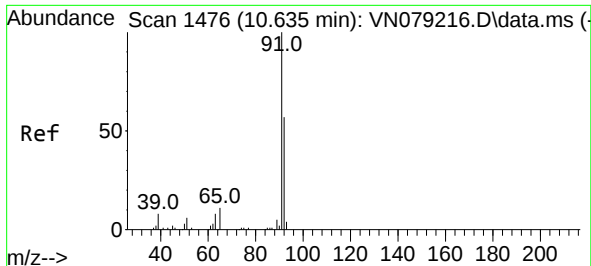
Tgt Ion: 78 Resp: 365331
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6



#50
Toluene-d8
Concen: 37.071 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Tgt Ion: 98 Resp: 273469
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

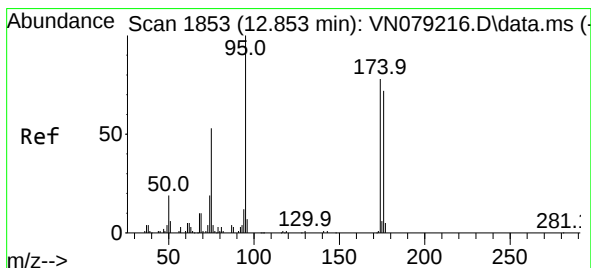
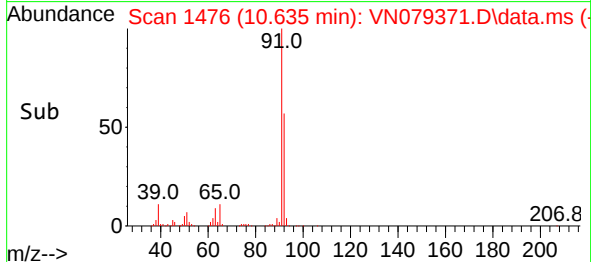
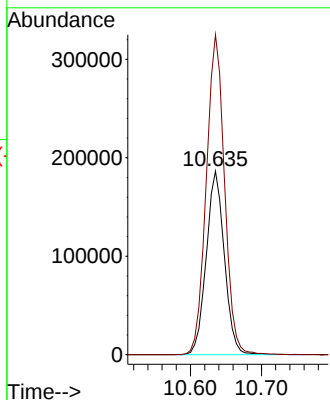
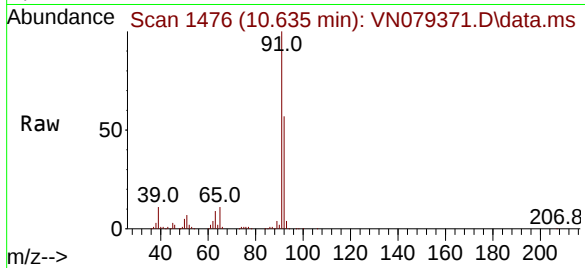




#52
Toluene
Concen: 56.729 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

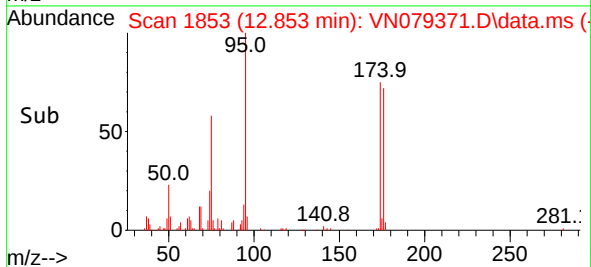
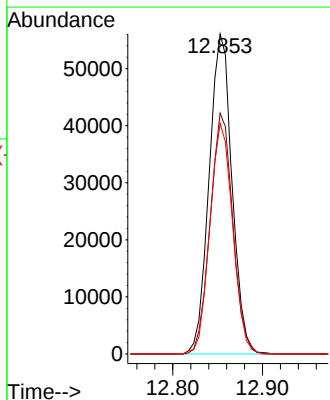
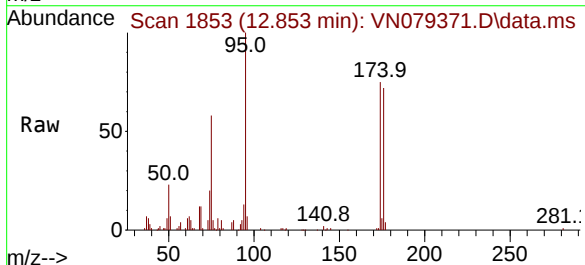
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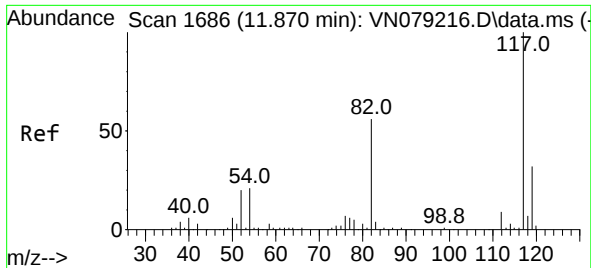
Tgt Ion: 92 Resp: 330492
Ion Ratio Lower Upper
92 100
91 175.6 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 42.073 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Tgt Ion: 95 Resp: 99000
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 71.7 0.0 135.8

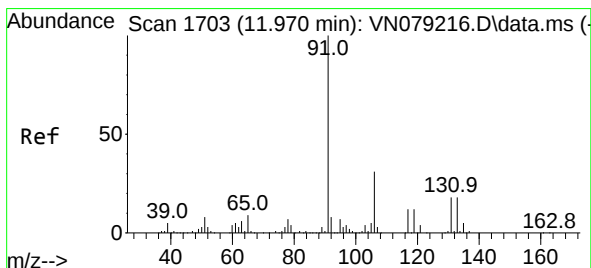
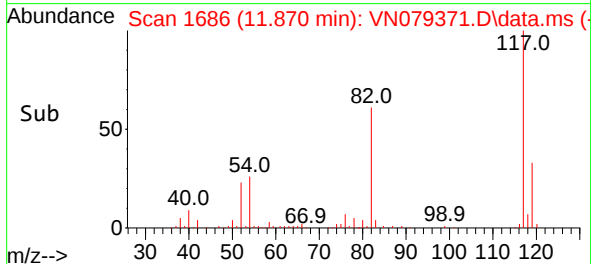
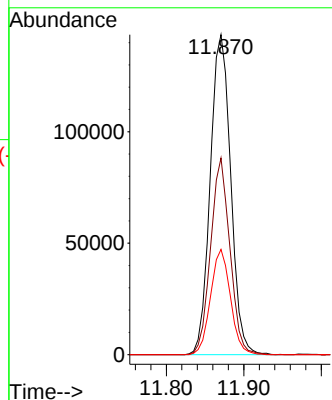
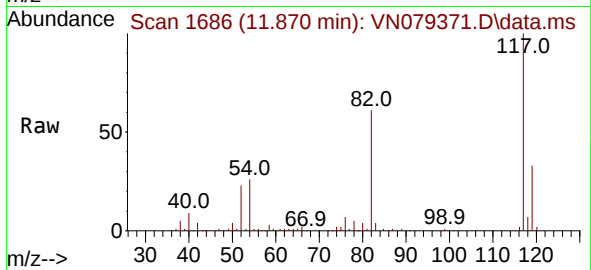




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

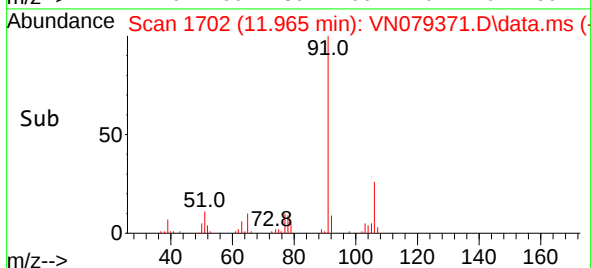
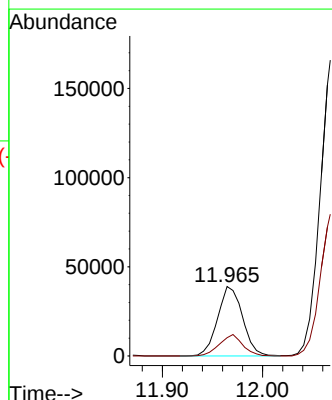
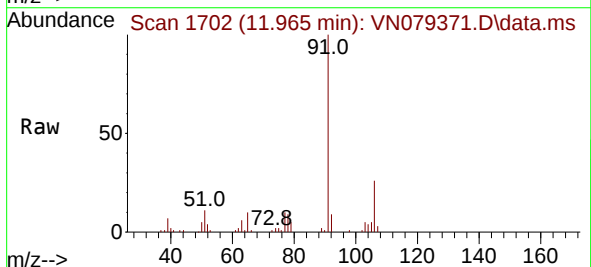
Instrument :
MSVOA_N
ClientSampleId :
1034

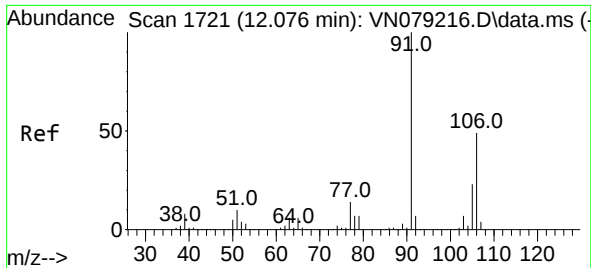
Tgt Ion:117 Resp: 263999
Ion Ratio Lower Upper
117 100
82 61.5 44.0 66.0
119 32.9 25.6 38.4



#67
Ethyl Benzene
Concen: 6.582 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Tgt Ion: 91 Resp: 67334
Ion Ratio Lower Upper
91 100
106 26.3 25.6 38.4

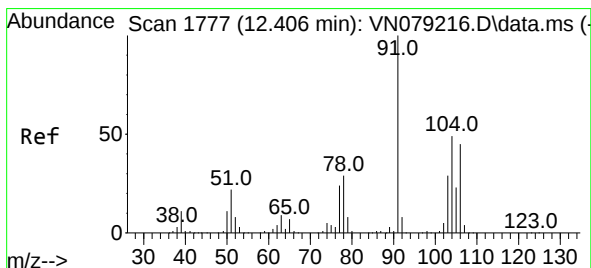
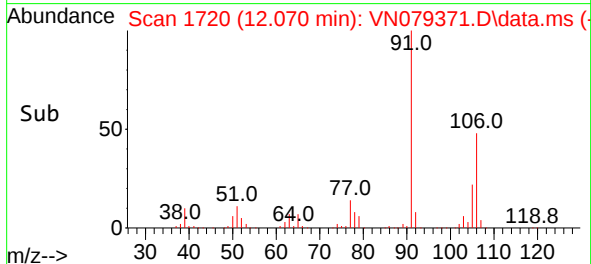
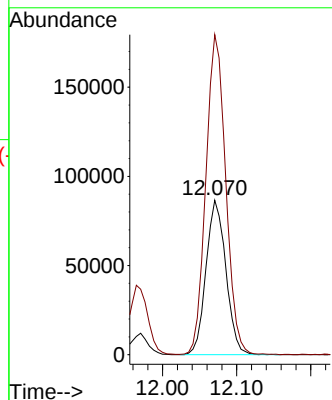
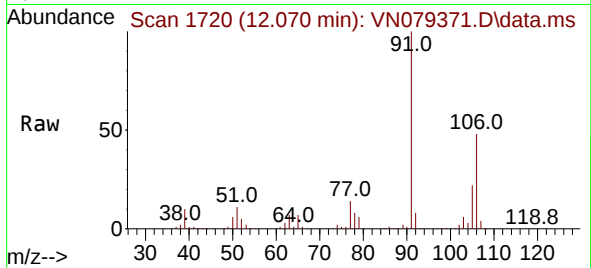




#68
m/p-Xylenes
Concen: 42.245 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

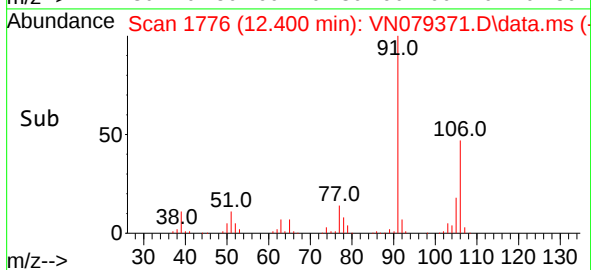
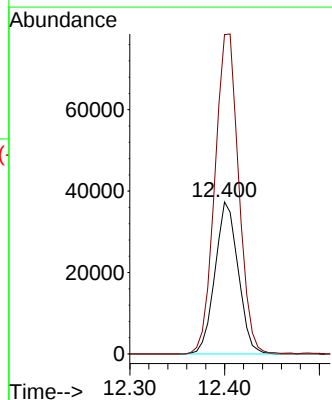
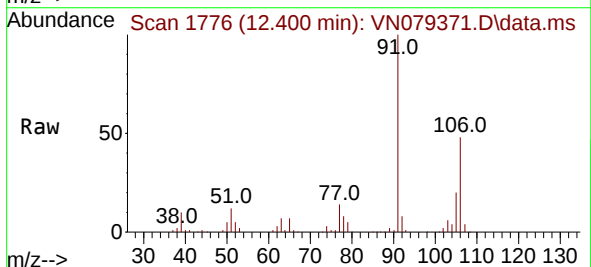
Instrument :
MSVOA_N
ClientSampleId :
1034

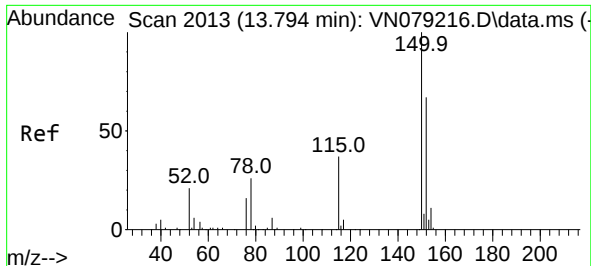
Tgt Ion:106 Resp: 161077
Ion Ratio Lower Upper
106 100
91 207.8 159.6 239.4



#69
o-Xylene
Concen: 17.341 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Tgt Ion:106 Resp: 63414
Ion Ratio Lower Upper
106 100
91 217.5 105.2 315.5

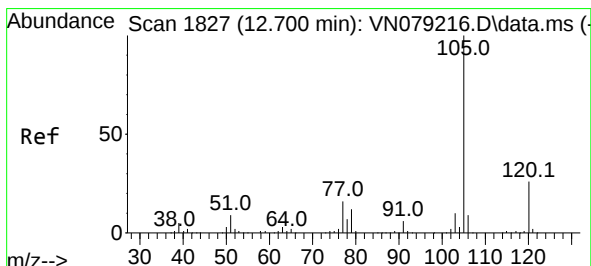
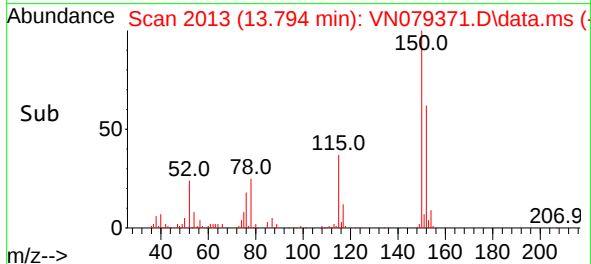
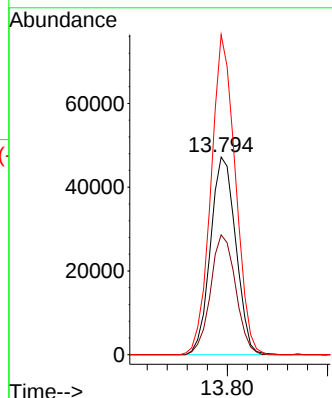
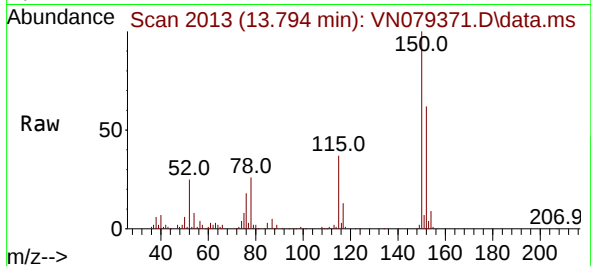




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

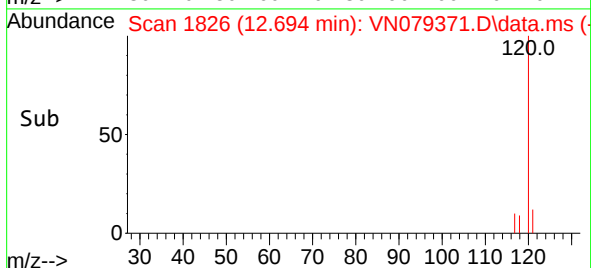
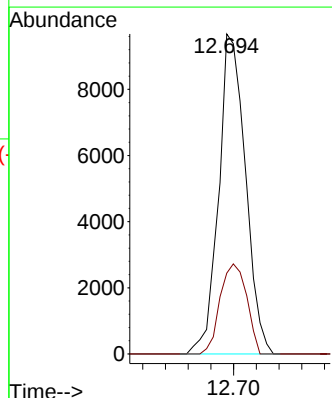
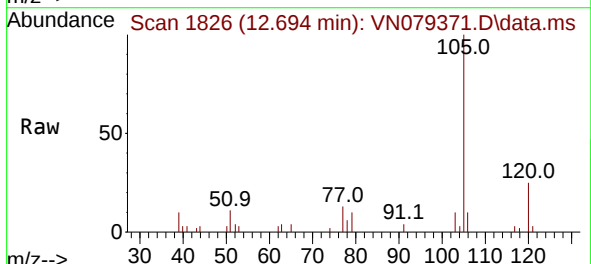
Instrument :
MSVOA_N
ClientSampleId :
1034

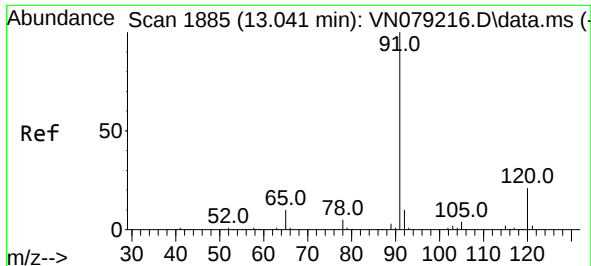
Tgt Ion:152 Resp: 82814
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 156.0 0.0 355.8



#73
Isopropylbenzene
Concen: 2.100 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Tgt Ion:105 Resp: 15823
Ion Ratio Lower Upper
105 100
120 27.9 13.1 39.1

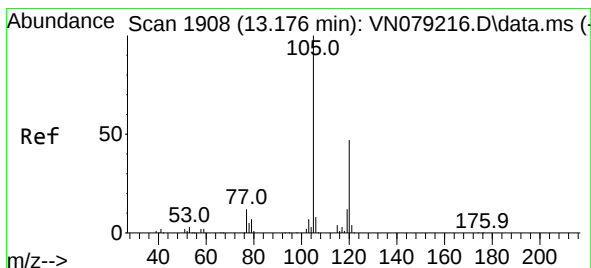
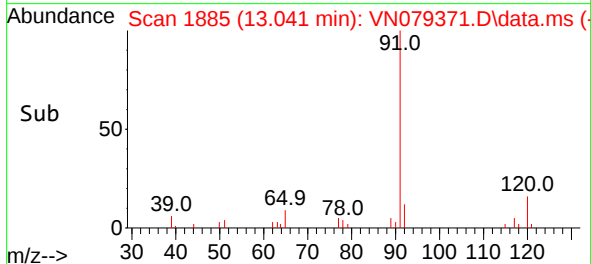
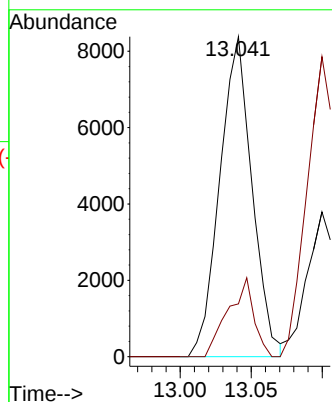
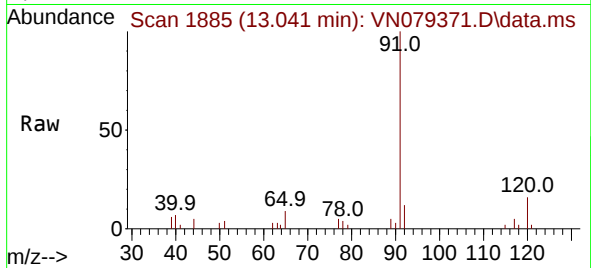




#78
n-propylbenzene
Concen: 1.564 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

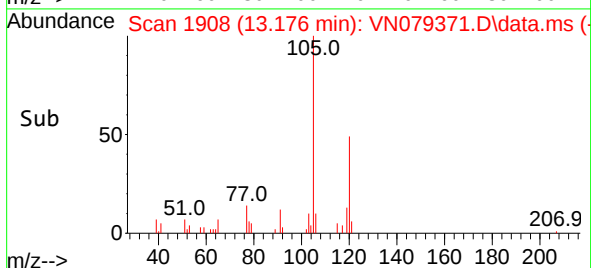
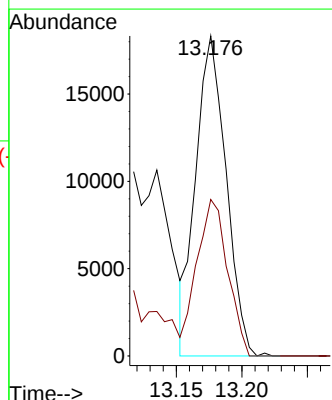
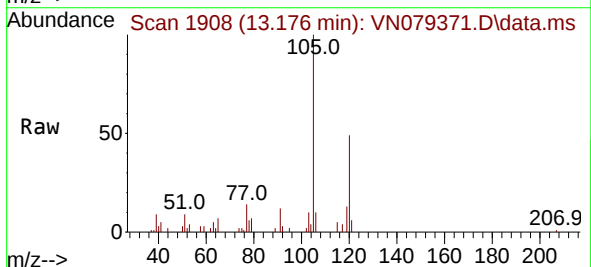
Instrument :
MSVOA_N
ClientSampleId :
1034

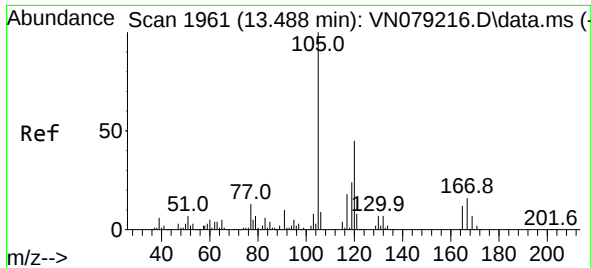
Tgt Ion: 91 Resp: 13241
Ion Ratio Lower Upper
91 100
120 19.7 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 4.692 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Tgt Ion: 105 Resp: 29459
Ion Ratio Lower Upper
105 100
120 49.9 24.1 72.3





#84
 1,2,4-Trimethylbenzene
 Concen: 4.347 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN079371.D
 Acq: 28 Sep 2023 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 1034

Tgt Ion:105 Resp: 25993
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.0 66.0

