

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079749.D
 Acq On : 31 Oct 2023 17:19
 Operator : JC\MD
 Sample : 05107-03ME 20X
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1073ME

Quant Time: Nov 01 04:55:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

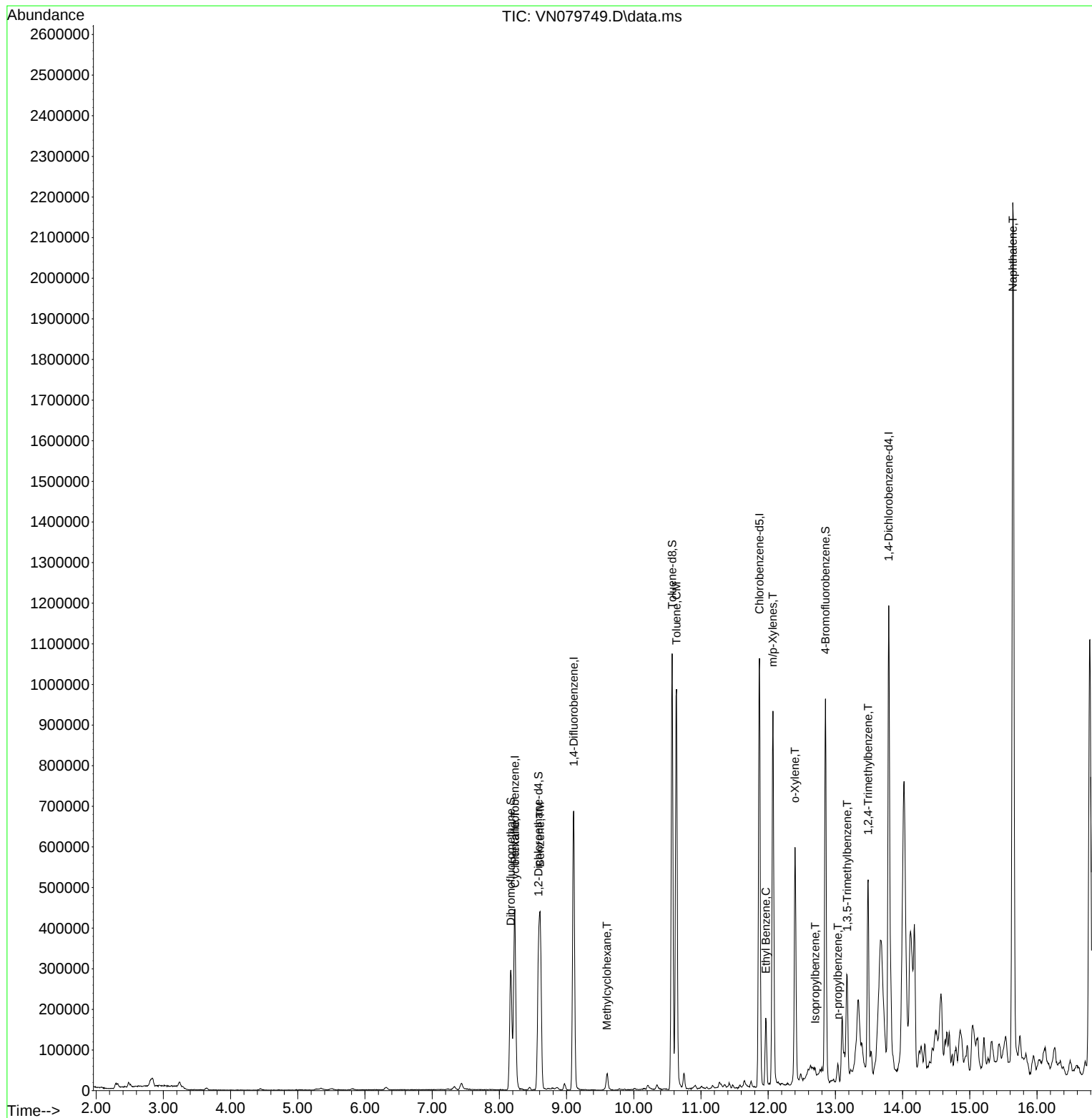
Internal Standards						
1) Pentafluorobenzene	8.230	168	308259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	584029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	601940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	290744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240199	48.522	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.040%		
35) Dibromofluoromethane	8.171	113	215002	51.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.040%		
50) Toluene-d8	10.571	98	713505	45.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.720%		
62) 4-Bromofluorobenzene	12.853	95	314856	64.269	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	128.540%#		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.235	56	16193	2.398	ug/l #	74
39) Methylcyclohexane	9.600	83	14465	2.349	ug/l #	81
40) Benzene	8.606	78	368658	20.176	ug/l	99
52) Toluene	10.635	92	427963	38.365	ug/l	99
67) Ethyl Benzene	11.965	91	117289	4.997	ug/l	95
68) m/p-Xylenes	12.070	106	259589	29.902	ug/l	91
69) o-Xylene	12.400	106	150525	18.032	ug/l	93
73) Isopropylbenzene	12.700	105	14138	0.537	ug/l	96
78) n-propylbenzene	13.035	91	33199	1.094	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	114123	5.316	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	273931	13.227	ug/l	99
95) Naphthalene	15.641	128	1932401	219.136	ug/l	99

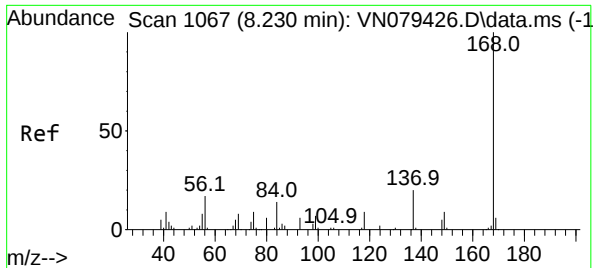
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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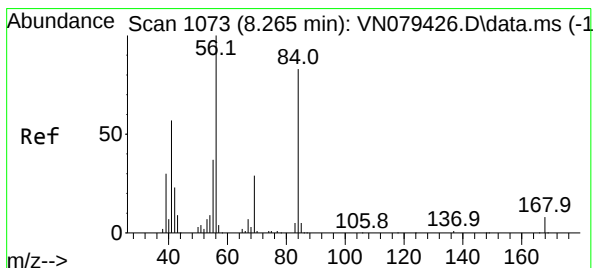
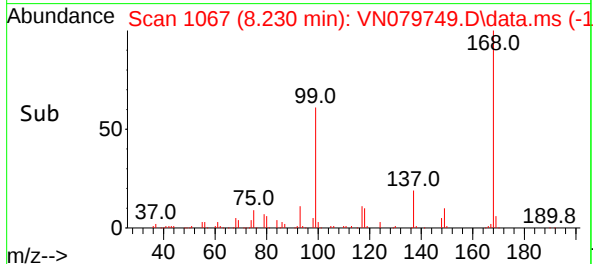
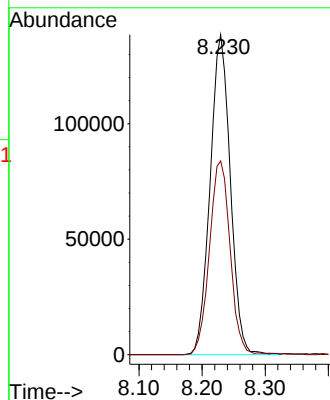
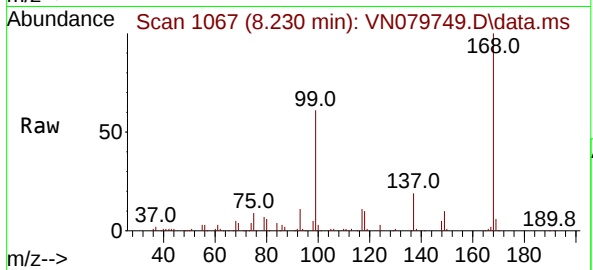




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

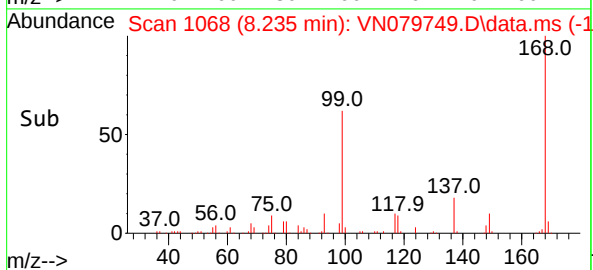
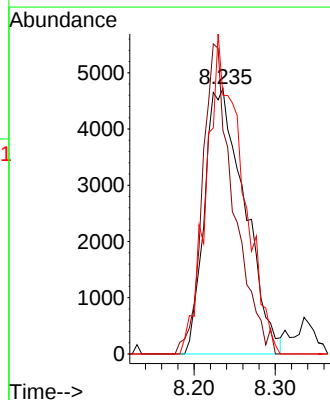
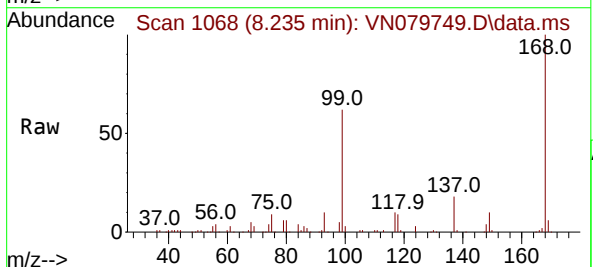
Instrument :
MSVOA_N
ClientSampleId :
1073ME

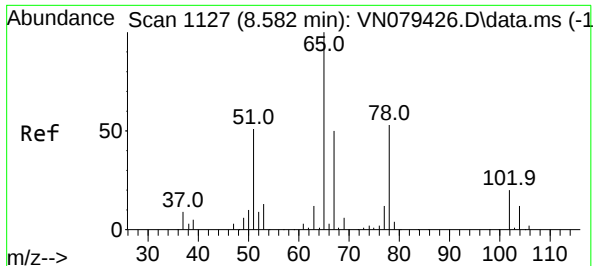
Tgt Ion:168 Resp: 308259
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#31
Cyclohexane
Concen: 2.398 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

Tgt Ion: 56 Resp: 16193
Ion Ratio Lower Upper
56 100
69 84.2 26.8 40.2#
84 97.4 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 48.522 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079749.D

Acq: 31 Oct 2023 17:19

Instrument :

MSVOA_N

ClientSampleId :

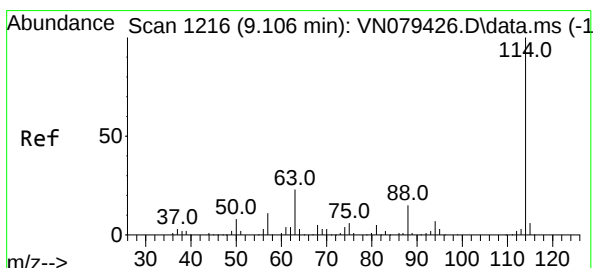
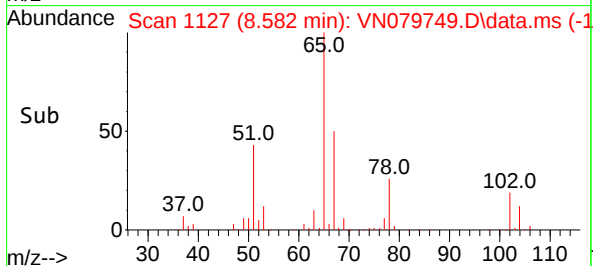
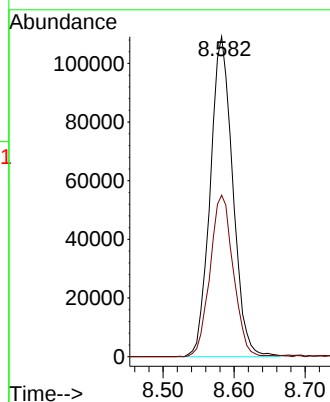
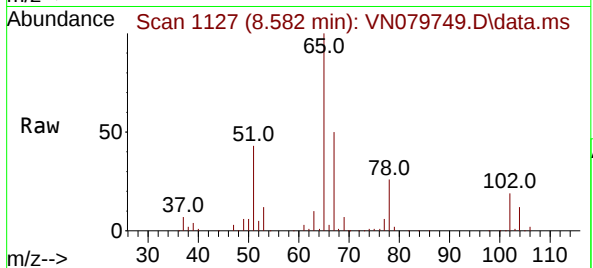
1073ME

Tgt Ion: 65 Resp: 240199

Ion Ratio Lower Upper

65 100

67 52.2 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: VN079749.D

Acq: 31 Oct 2023 17:19

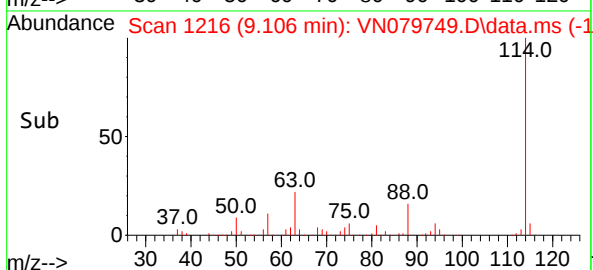
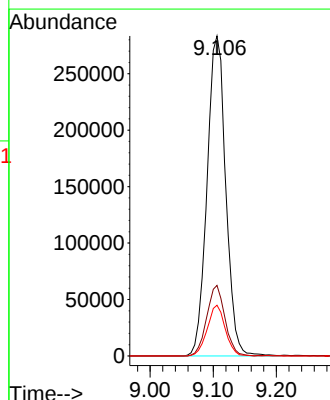
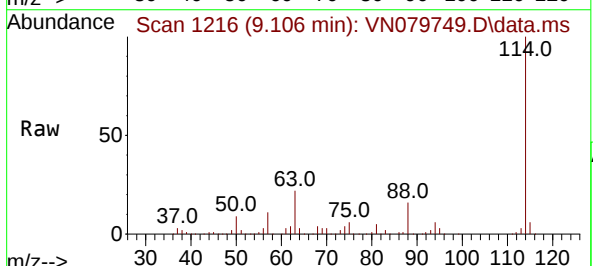
Tgt Ion: 114 Resp: 584029

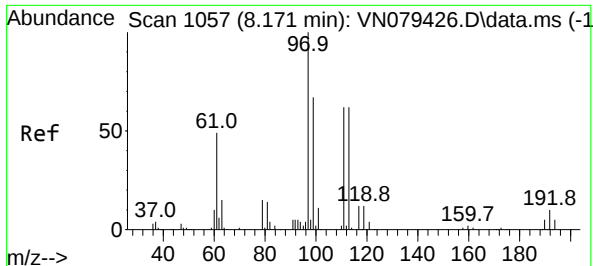
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.520 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079749.D

Acq: 31 Oct 2023 17:19

Instrument :

MSVOA_N

ClientSampleId :

1073ME

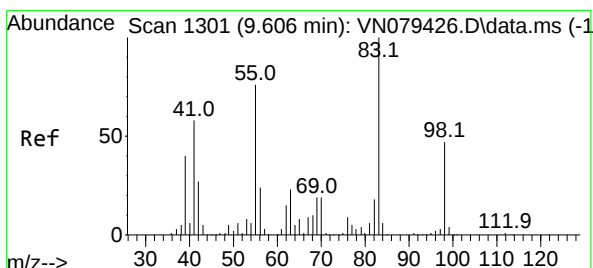
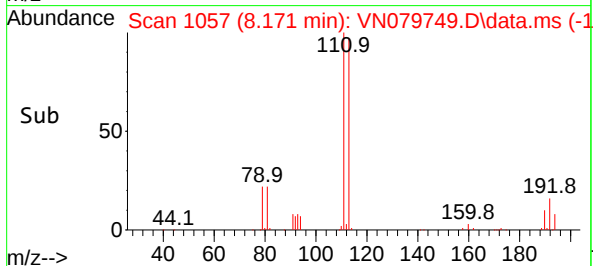
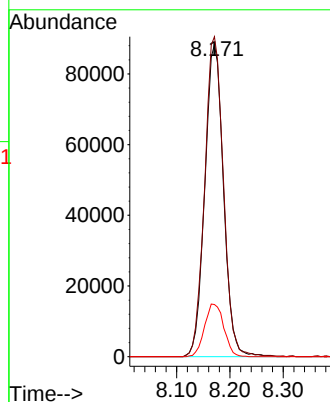
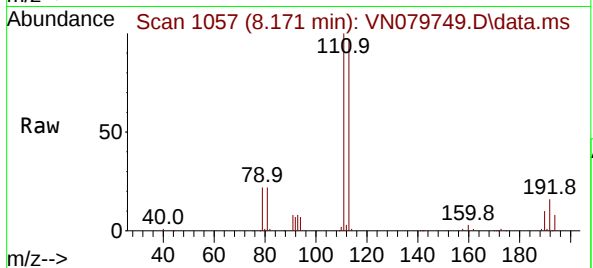
Tgt Ion:113 Resp: 215002

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.4 12.7 19.1



#39

Methylcyclohexane

Concen: 2.349 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN079749.D

Acq: 31 Oct 2023 17:19

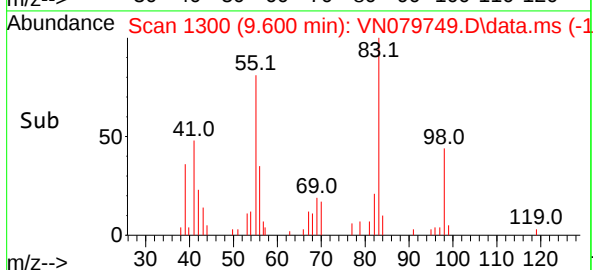
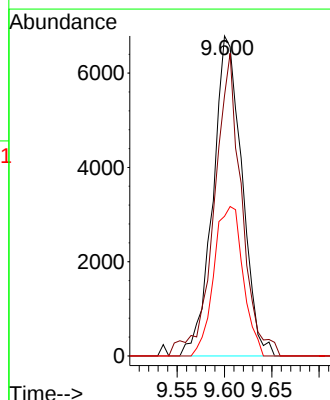
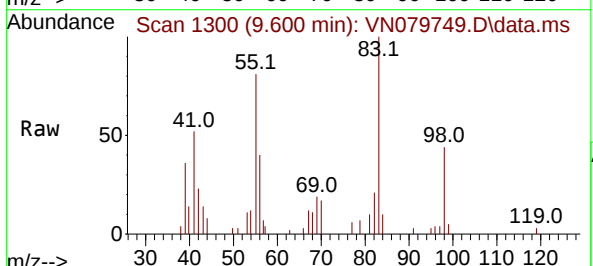
Tgt Ion: 83 Resp: 14465

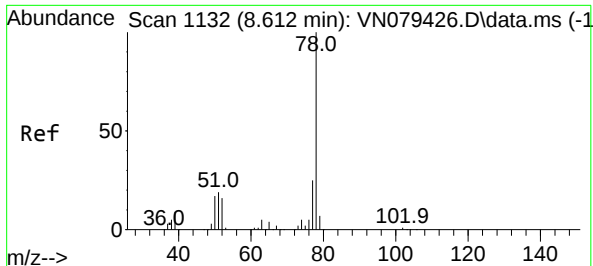
Ion Ratio Lower Upper

83 100

55 81.4 49.1 73.7#

98 43.7 40.6 61.0

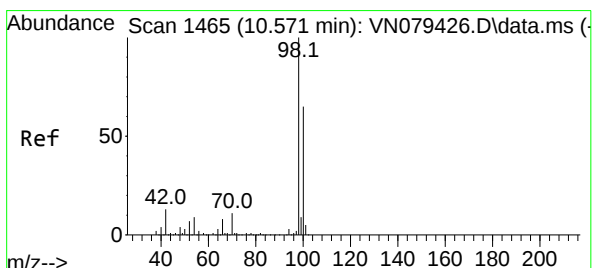
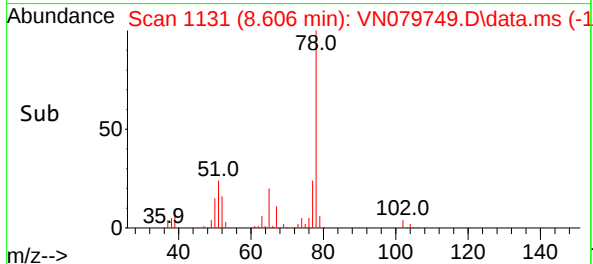
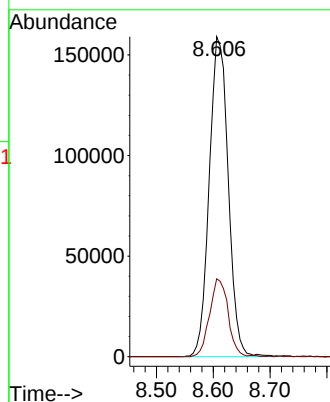
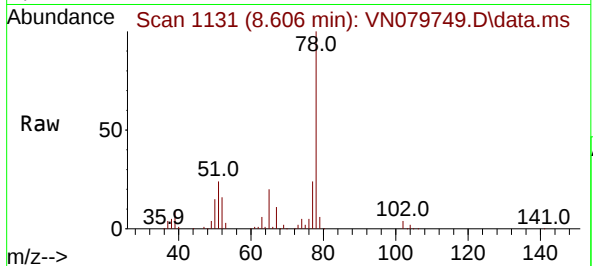




#40
Benzene
Concen: 20.176 ug/l
RT: 8.606 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

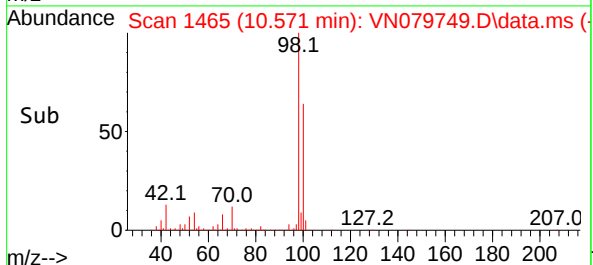
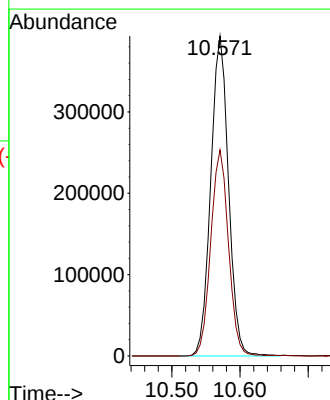
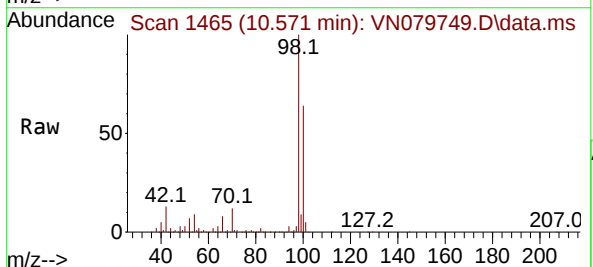
Instrument :
MSVOA_N
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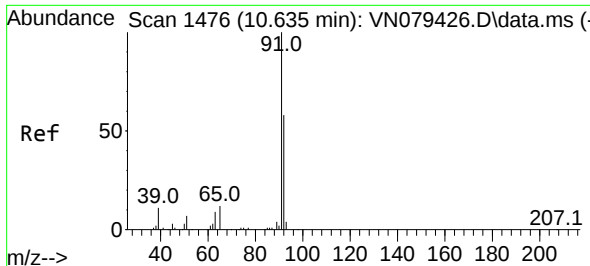
Tgt Ion: 78 Resp: 368658
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6



#50
Toluene-d8
Concen: 45.864 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

Tgt Ion: 98 Resp: 713505
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

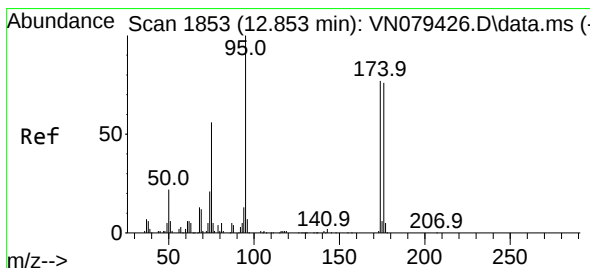
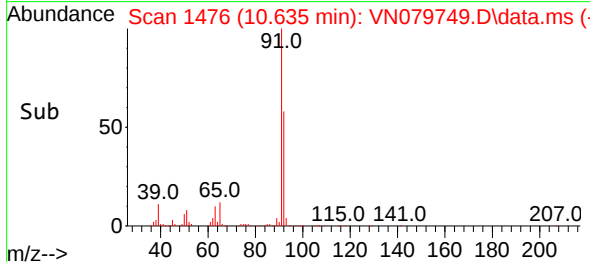
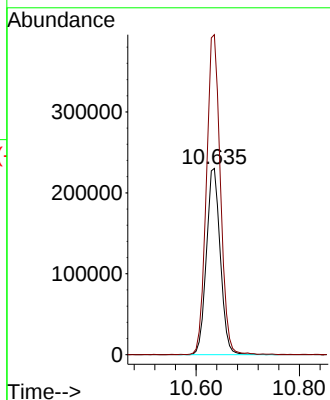
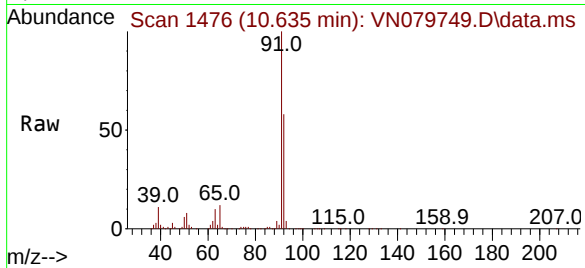




#52
Toluene
Concen: 38.365 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

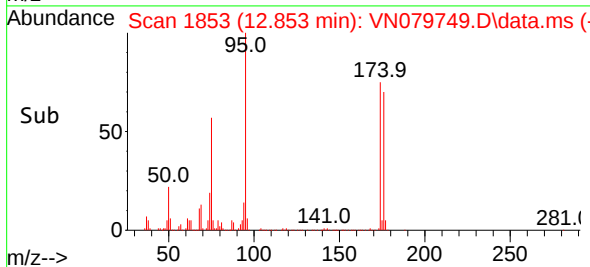
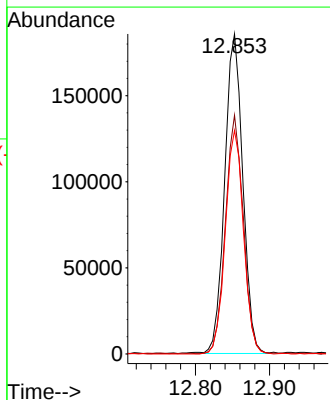
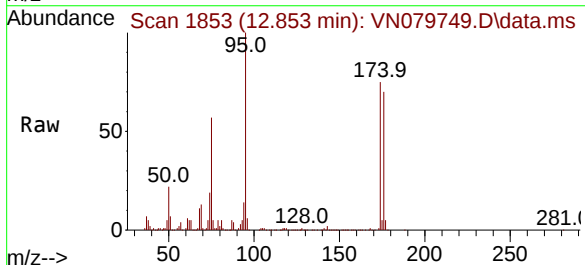
Instrument :
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1073ME

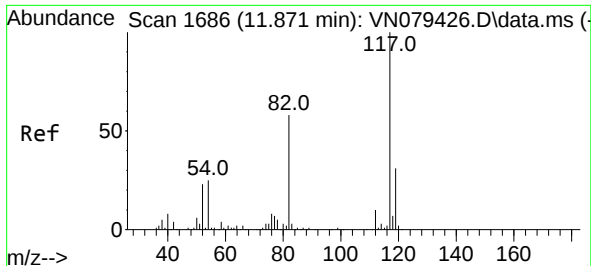
Tgt Ion: 92 Resp: 427963
Ion Ratio Lower Upper
92 100
91 173.0 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 64.269 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

Tgt Ion: 95 Resp: 314856
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 70.3 0.0 135.8

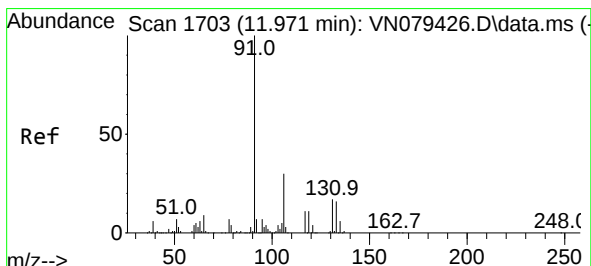
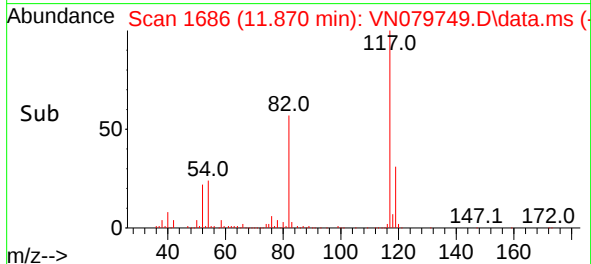
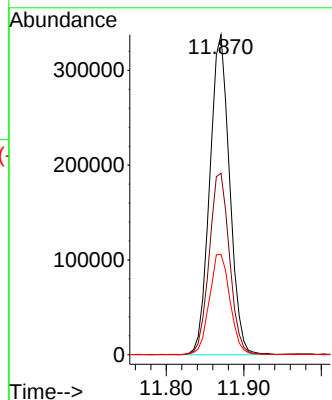
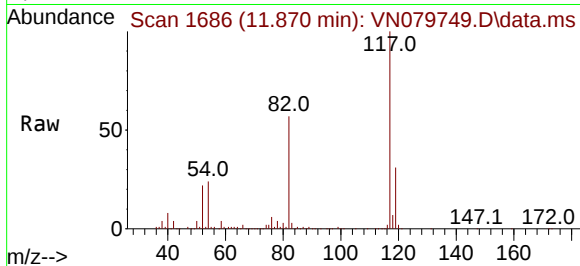




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

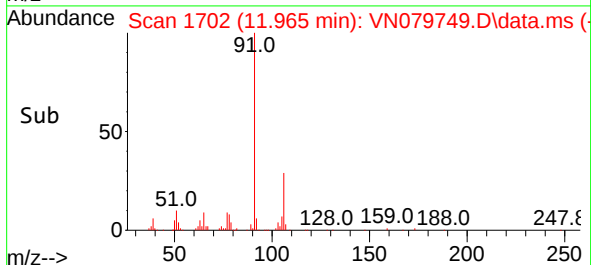
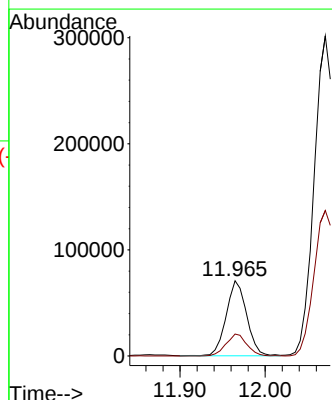
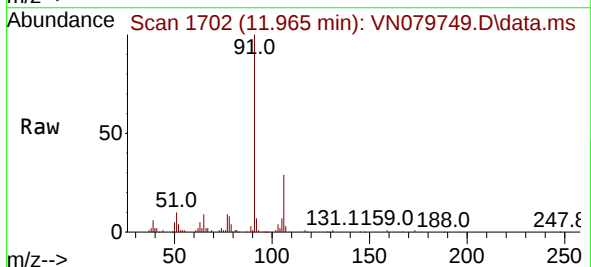
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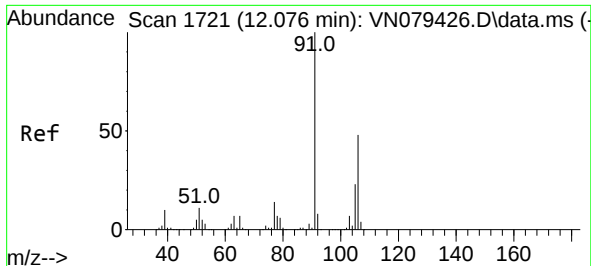
Tgt Ion:117 Resp: 601940
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 31.3 25.6 38.4



#67
Ethyl Benzene
Concen: 4.997 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

Tgt Ion: 91 Resp: 117289
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4

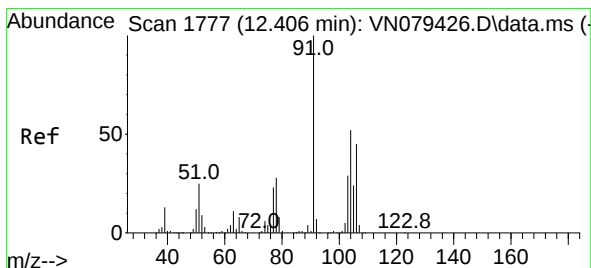
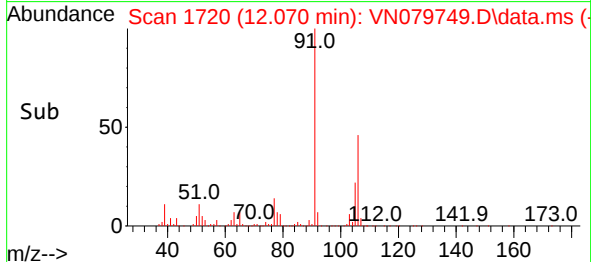
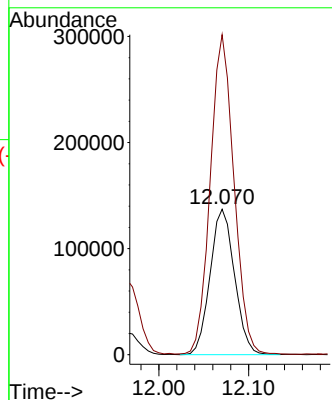
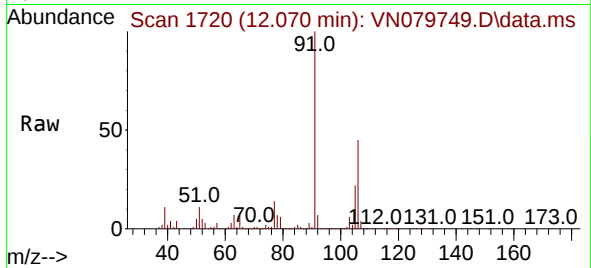




#68
m/p-Xylenes
Concen: 29.902 ug/l
RT: 12.070 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

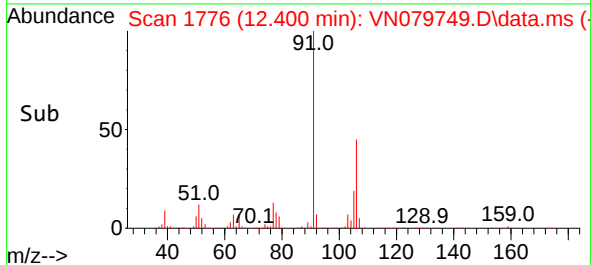
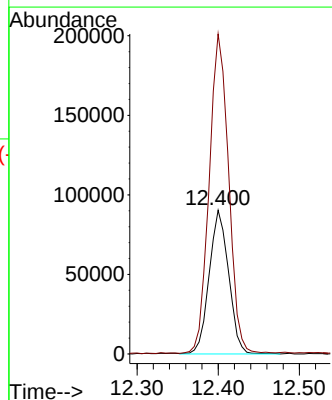
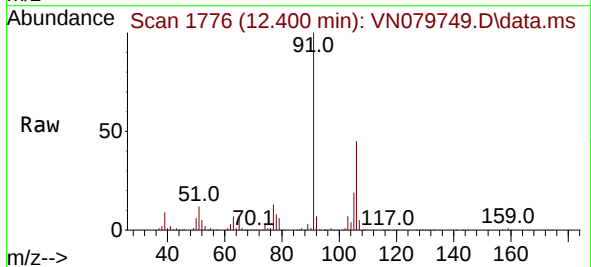
Instrument :
MSVOA_N
ClientSampleId :
1073ME

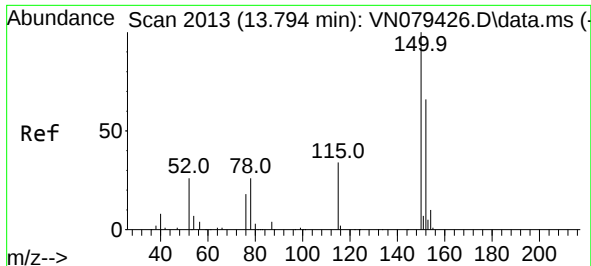
Tgt Ion:106 Resp: 259589
Ion Ratio Lower Upper
106 100
91 212.6 159.6 239.4



#69
o-Xylene
Concen: 18.032 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

Tgt Ion:106 Resp: 150525
Ion Ratio Lower Upper
106 100
91 221.8 105.2 315.5

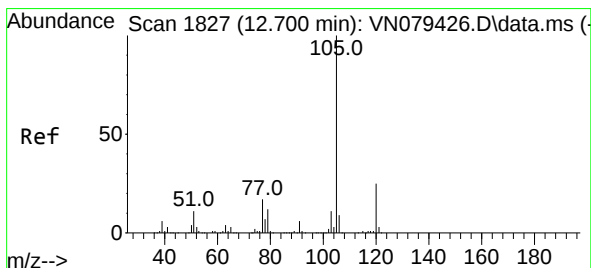
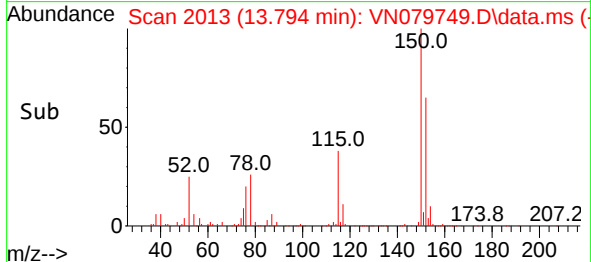
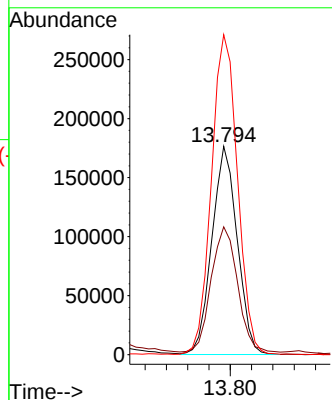
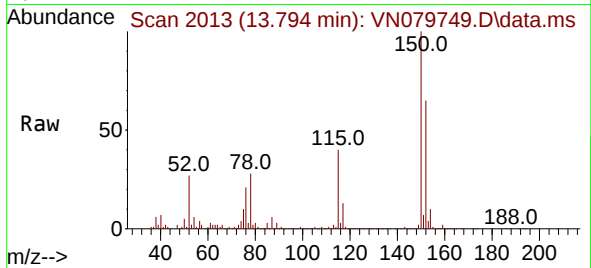




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

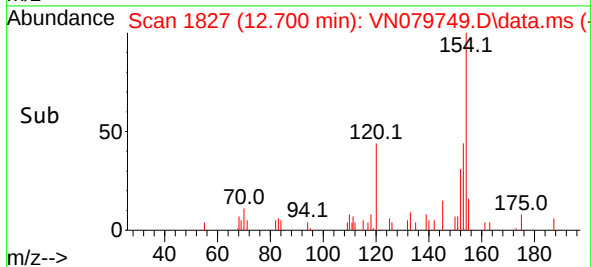
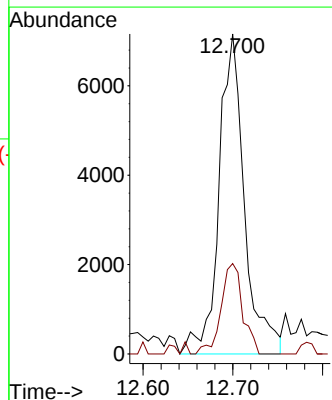
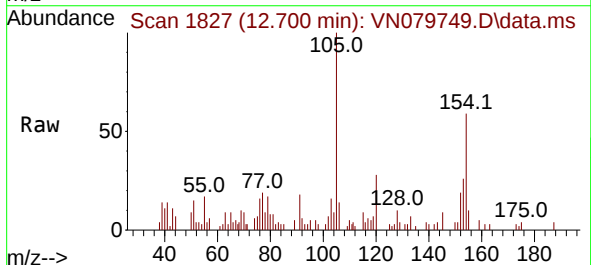
Instrument :
MSVOA_N
ClientSampleId :
1073ME

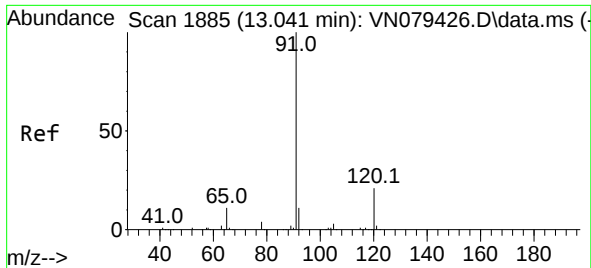
Tgt Ion:152 Resp: 290744
Ion Ratio Lower Upper
152 100
115 64.8 32.3 96.8
150 158.6 0.0 355.8



#73
Isopropylbenzene
Concen: 0.537 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

Tgt Ion:105 Resp: 14138
Ion Ratio Lower Upper
105 100
120 23.9 13.1 39.1

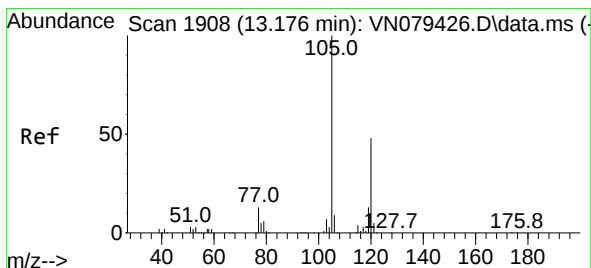
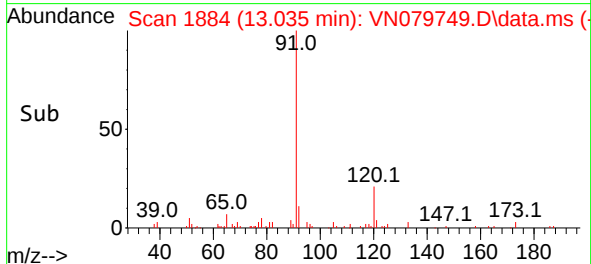
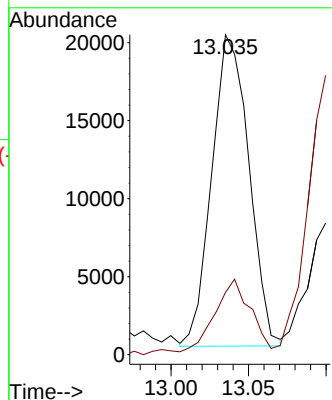
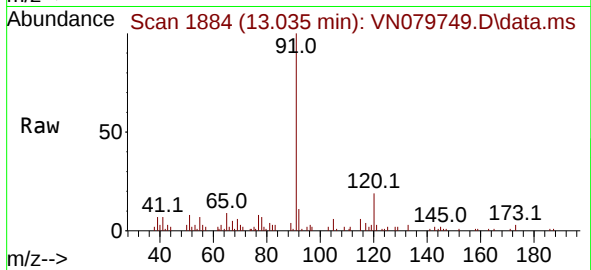




#78
n-propylbenzene
Concen: 1.094 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

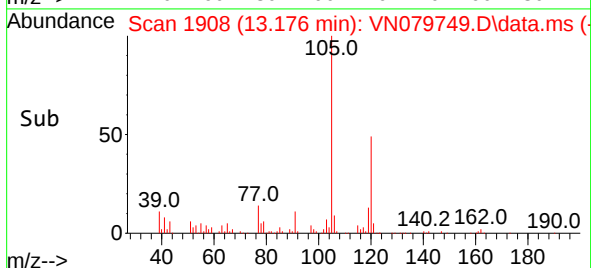
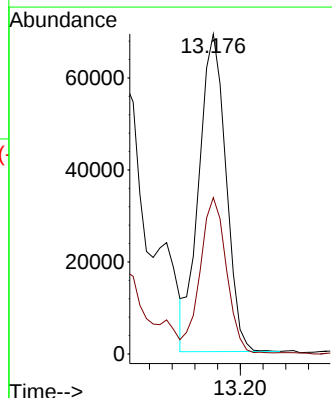
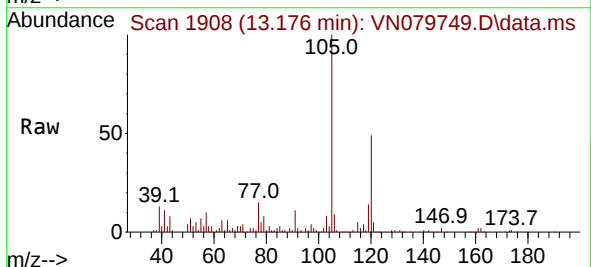
Instrument :
MSVOA_N
ClientSampleId :
1073ME

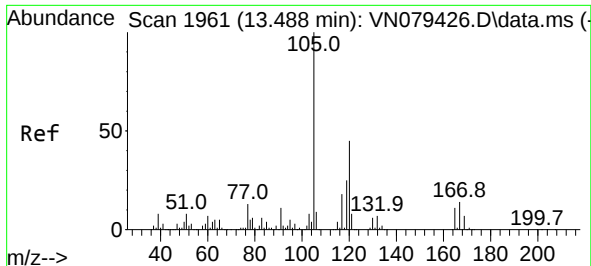
Tgt Ion: 91 Resp: 33199
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 5.316 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

Tgt Ion:105 Resp: 114123
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3

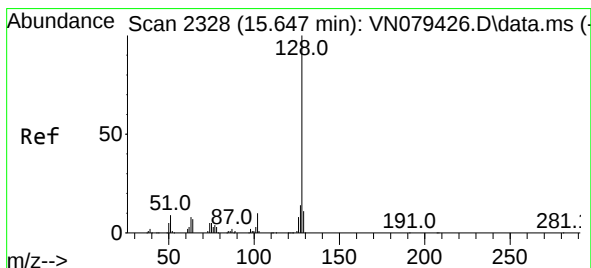
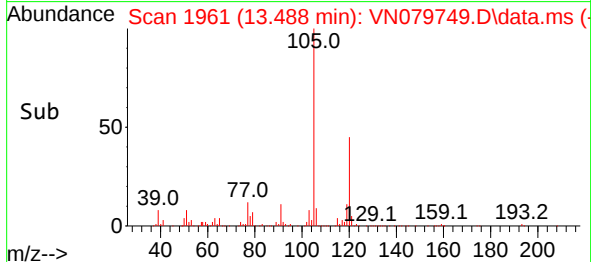
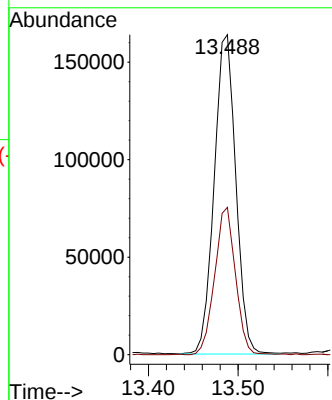
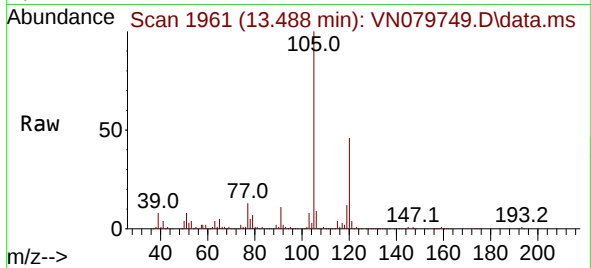




#84
1,2,4-Trimethylbenzene
Concen: 13.227 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

Instrument :
MSVOA_N
ClientSampleId :
1073ME

Tgt Ion:105 Resp: 273931
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0



#95
Naphthalene
Concen: 219.136 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN079749.D
Acq: 31 Oct 2023 17:19

Tgt Ion:128 Resp: 1932401
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 11.2 8.7 13.1

