

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079971.D
 Acq On : 07 Nov 2023 17:46
 Operator : JC\MD
 Sample : 05107-27DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1074DL

Quant Time: Nov 08 04:32:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	286703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	601413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	262227	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.582	65	241788	55.354	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.700%	
35) Dibromofluoromethane	8.171	113	195465	47.316	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.640%	
50) Toluene-d8	10.570	98	721265	47.427	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.860%	
62) 4-Bromofluorobenzene	12.853	95	272049	53.938	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.880%	

Target Compounds

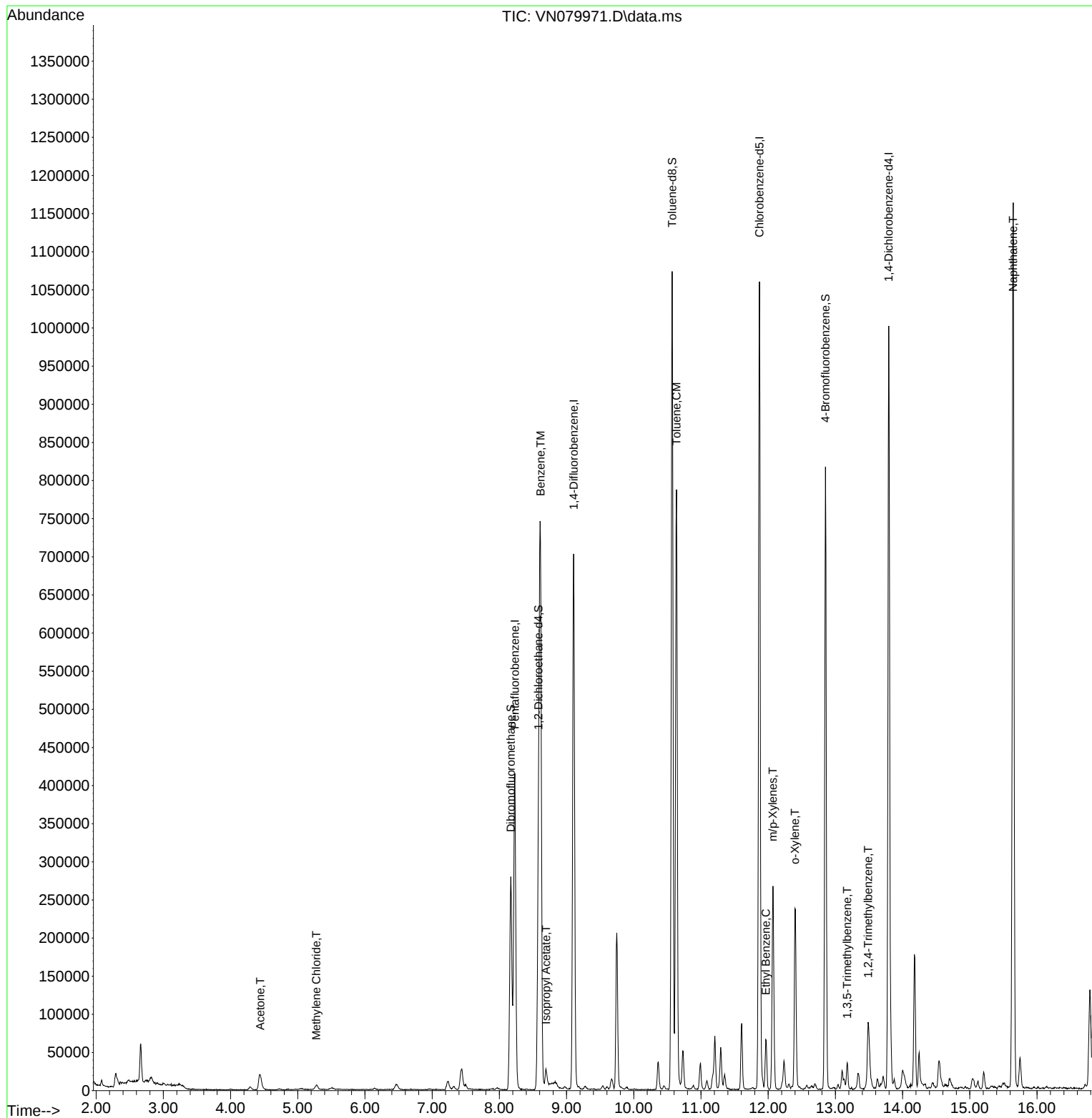
						Qvalue
16) Acetone	4.441	43	42451	27.668	ug/l #	86
20) Methylene Chloride	5.277	84	4897	1.265	ug/l #	82
40) Benzene	8.612	78	696800	39.441	ug/l	100
43) Isopropyl Acetate	8.694	43	32233	3.398	ug/l #	75
52) Toluene	10.635	92	343817	32.827	ug/l	97
67) Ethyl Benzene	11.965	91	45184	1.988	ug/l	95
68) m/p-Xylenes	12.070	106	79758	9.420	ug/l	92
69) o-Xylene	12.400	106	61564	7.551	ug/l	87
80) 1,3,5-Trimethylbenzene	13.176	105	18127	1.171	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	54793	3.597	ug/l	82
95) Naphthalene	15.647	128	1032952	74.866	ug/l	100

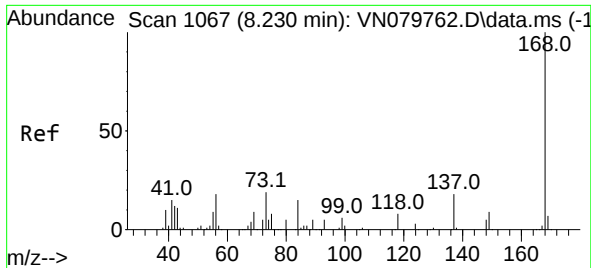
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
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Quant Title : SW846 8260
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Response via : Initial Calibration

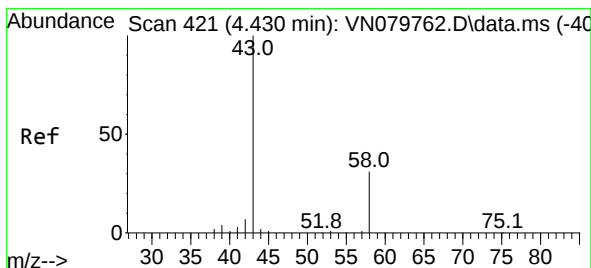
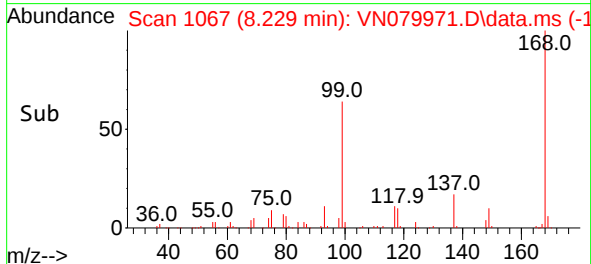
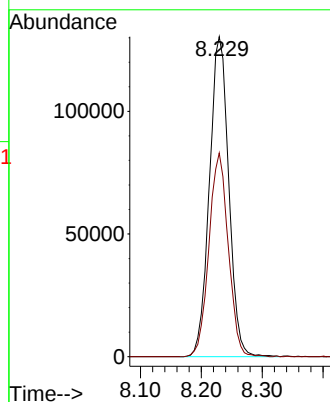
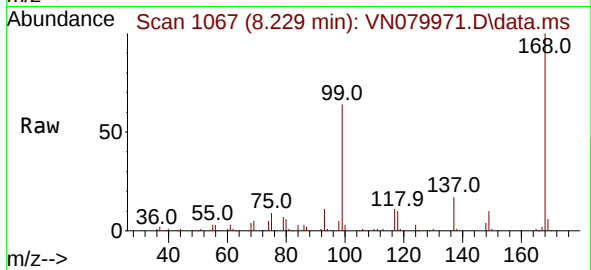




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN079971.D
Acq: 07 Nov 2023 17:46

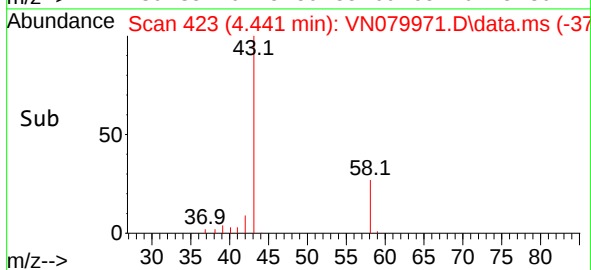
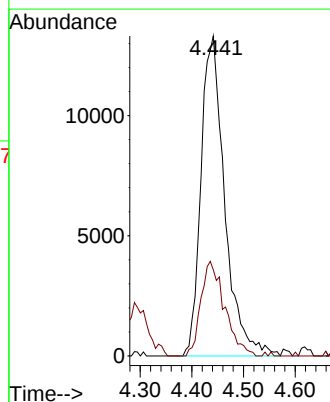
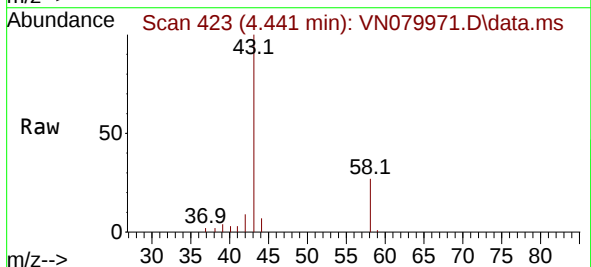
Instrument :
MSVOA_N
ClientSampleId :
1074DL

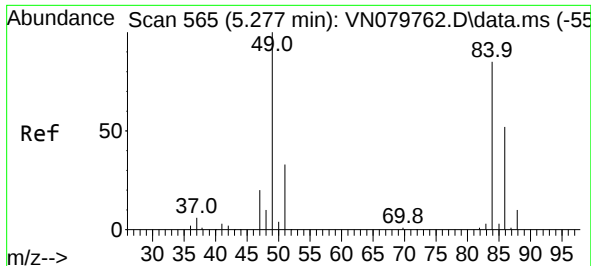
Tgt Ion:168 Resp: 286703
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6



#16
Acetone
Concen: 27.668 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079971.D
Acq: 07 Nov 2023 17:46

Tgt Ion: 43 Resp: 42451
Ion Ratio Lower Upper
43 100
58 26.9 28.0 42.0#

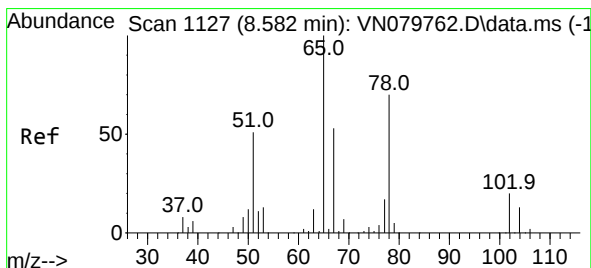
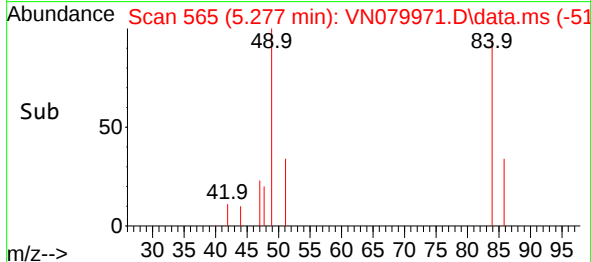
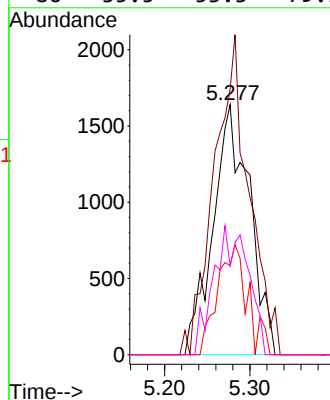
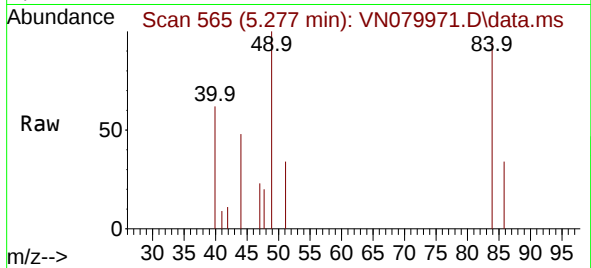




#20
Methylene Chloride
Concen: 1.265 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079971.D
Acq: 07 Nov 2023 17:46

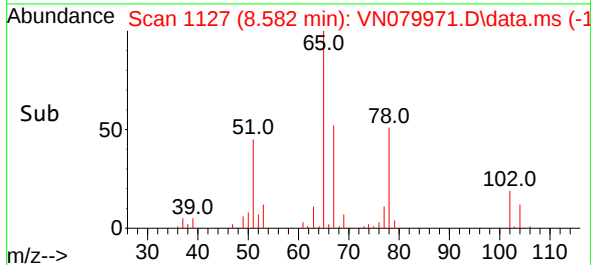
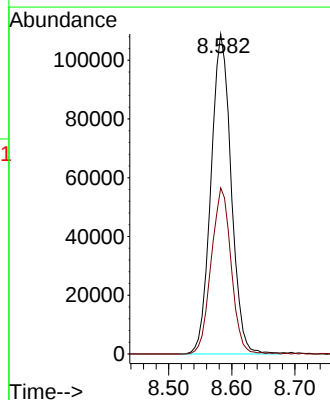
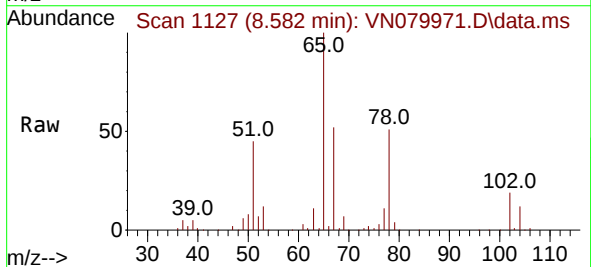
Instrument :
MSVOA_N
ClientSampleId :
1074DL

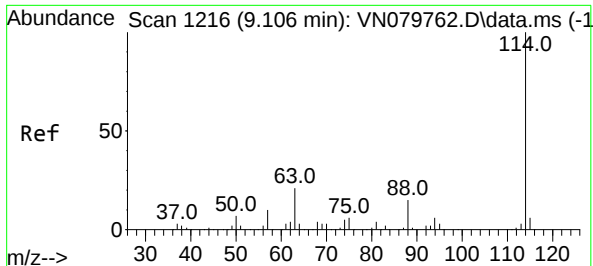
Tgt Ion:	84	Resp:	4897
Ion	Ratio	Lower	Upper
84	100		
49	106.0	79.7	119.5
51	35.7	25.2	37.8
86	35.5	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 55.354 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079971.D
Acq: 07 Nov 2023 17:46

Tgt Ion:	65	Resp:	241788
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079971.D

Acq: 07 Nov 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

1074DL

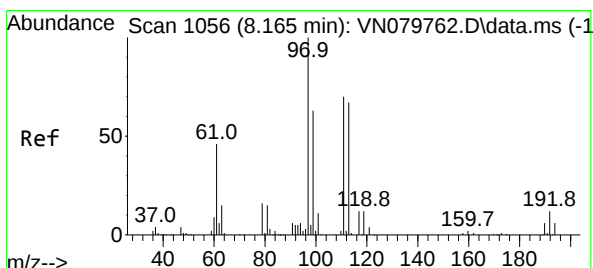
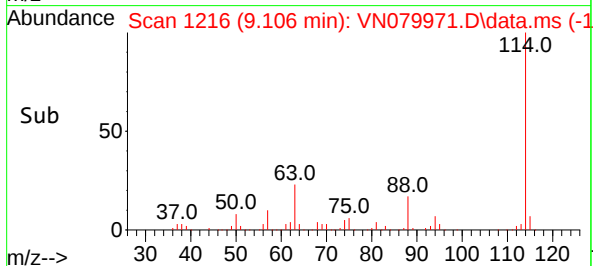
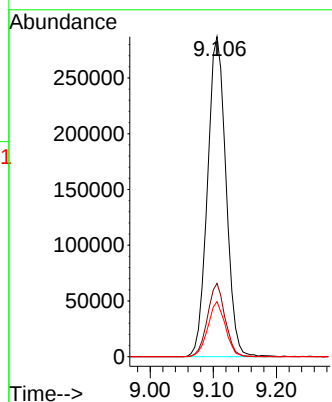
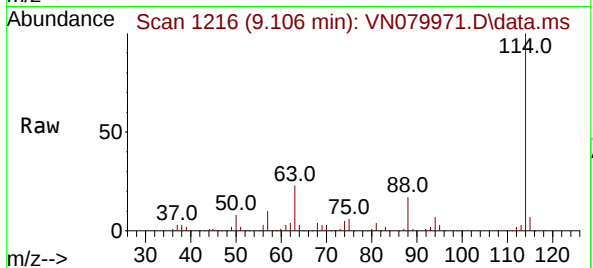
Tgt Ion:114 Resp: 583685

Ion Ratio Lower Upper

114 100

63 22.9 0.0 36.4

88 17.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.316 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079971.D

Acq: 07 Nov 2023 17:46

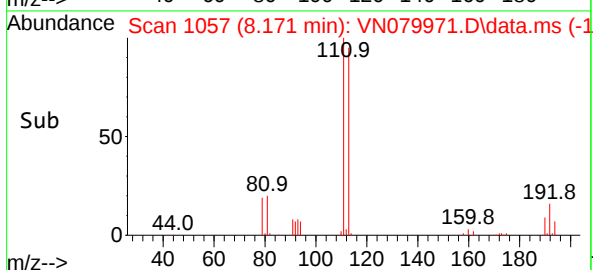
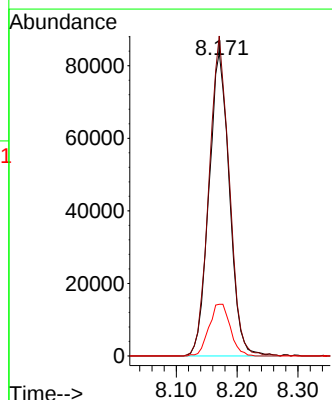
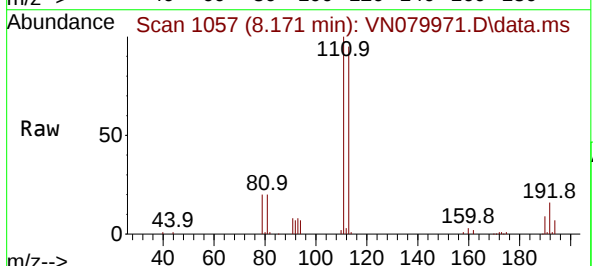
Tgt Ion:113 Resp: 195465

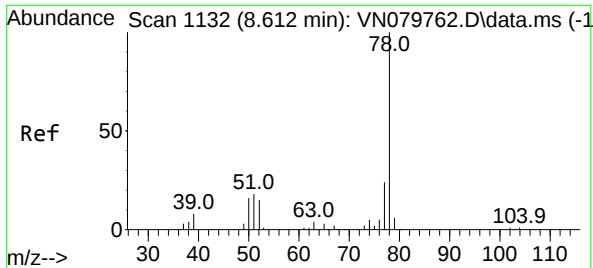
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 17.7 12.7 19.1

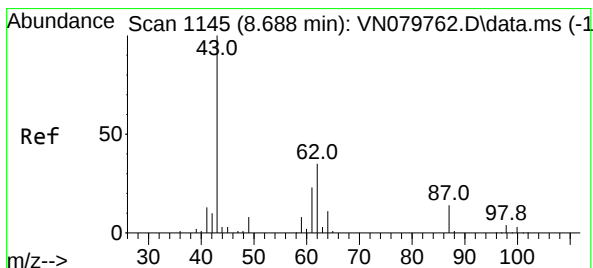
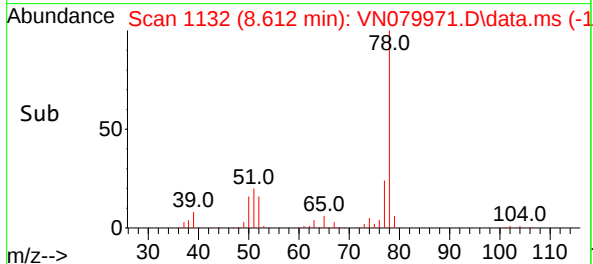
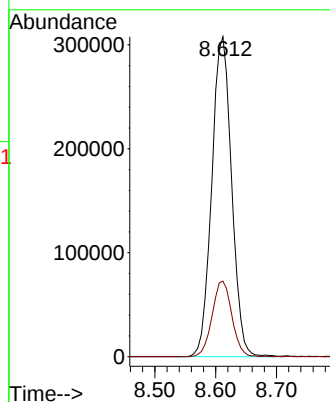
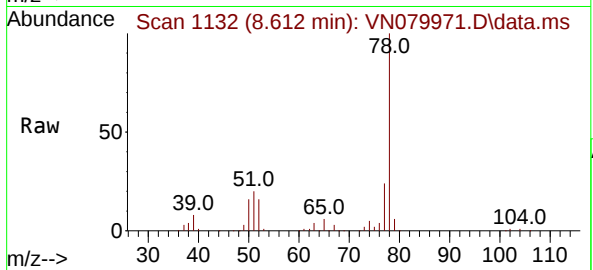




#40
Benzene
Concen: 39.441 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079971.D
Acq: 07 Nov 2023 17:46

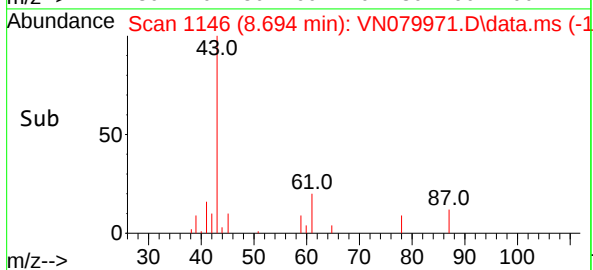
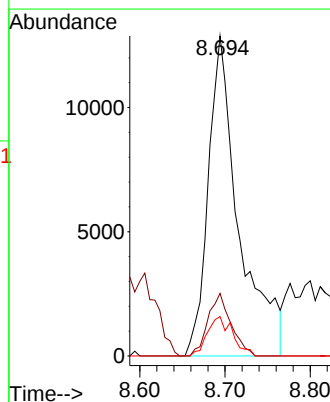
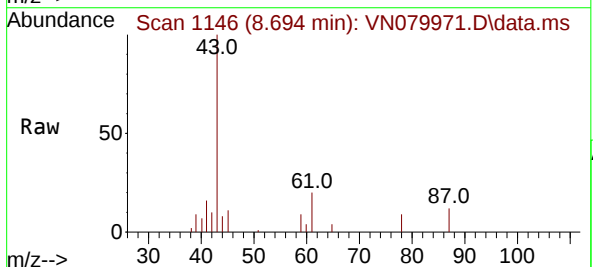
Instrument :
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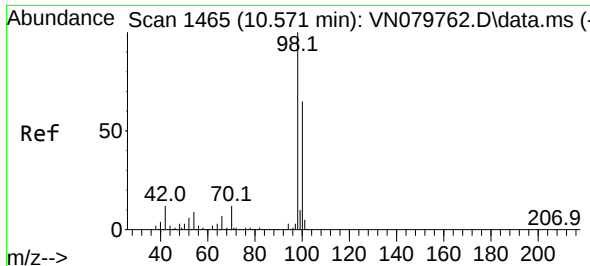
Tgt Ion: 78 Resp: 696800
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



#43
Isopropyl Acetate
Concen: 3.398 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079971.D
Acq: 07 Nov 2023 17:46

Tgt Ion: 43 Resp: 32233
Ion Ratio Lower Upper
43 100
61 14.8 24.7 37.1#
87 10.1 14.6 21.8#

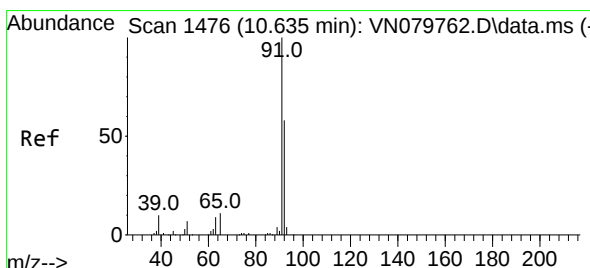
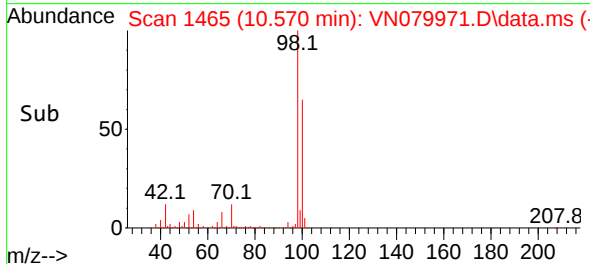
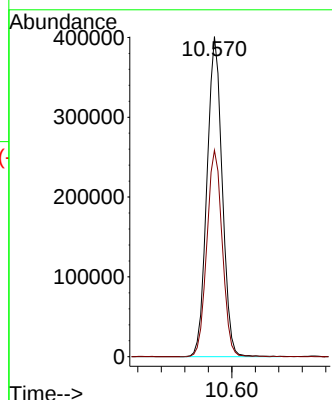
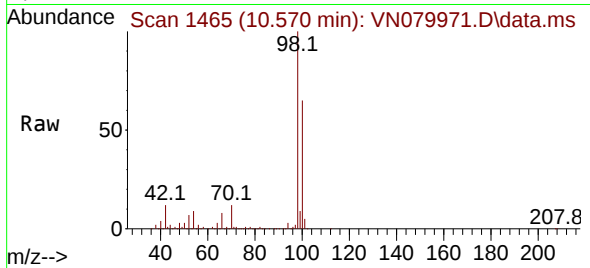




#50
Toluene-d8
Concen: 47.427 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079971.D
Acq: 07 Nov 2023 17:46

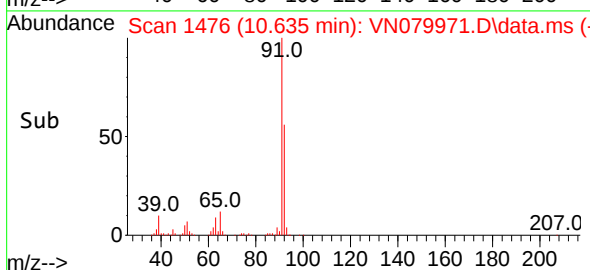
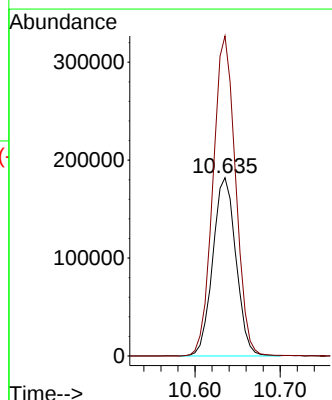
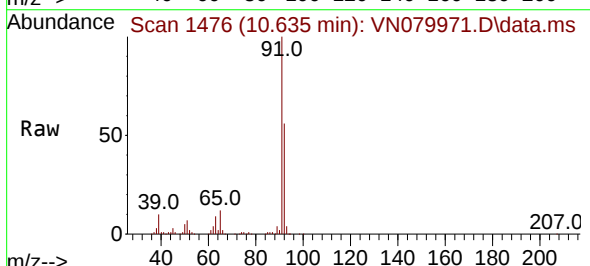
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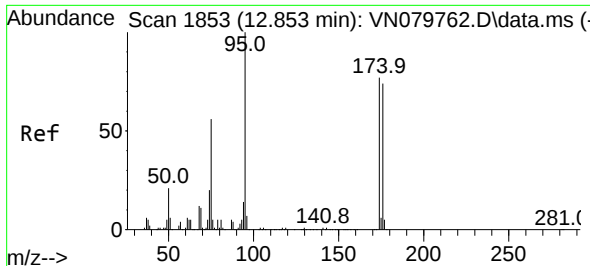
Tgt Ion: 98 Resp: 721265
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#52
Toluene
Concen: 32.827 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079971.D
Acq: 07 Nov 2023 17:46

Tgt Ion: 92 Resp: 343817
Ion Ratio Lower Upper
92 100
91 175.3 137.4 206.0

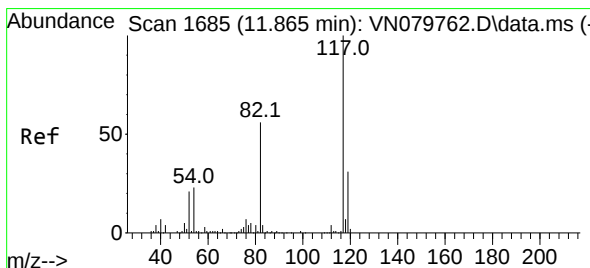
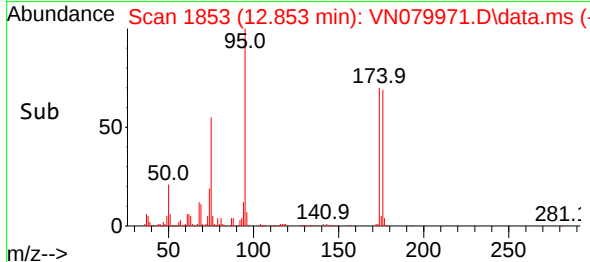
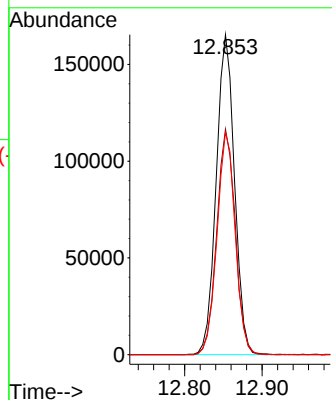
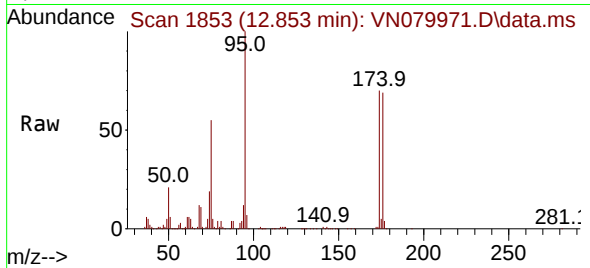




#62
4-Bromofluorobenzene
Concen: 53.938 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079971.D
Acq: 07 Nov 2023 17:46

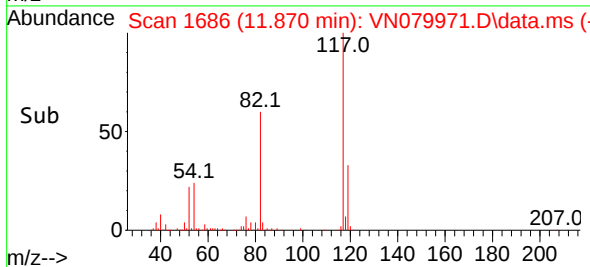
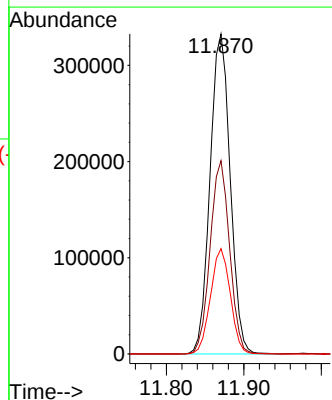
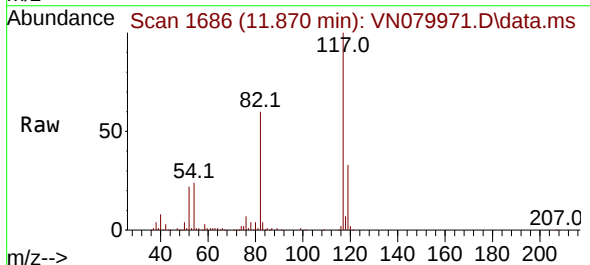
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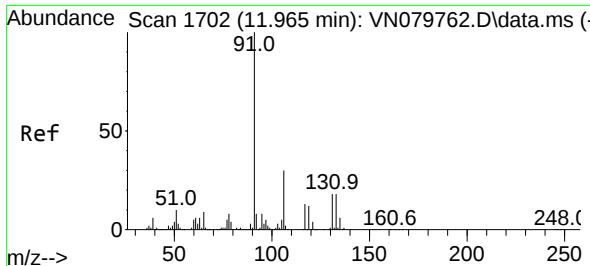
Tgt Ion: 95 Resp: 272049
Ion Ratio Lower Upper
95 100
174 71.4 0.0 143.8
176 68.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079971.D
Acq: 07 Nov 2023 17:46

Tgt Ion: 117 Resp: 601413
Ion Ratio Lower Upper
117 100
82 60.4 44.0 66.0
119 32.9 25.6 38.4

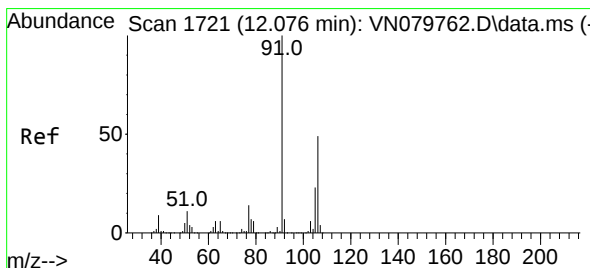
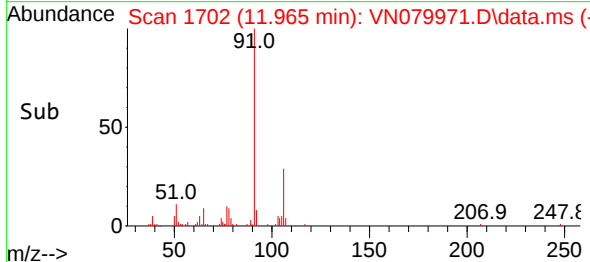
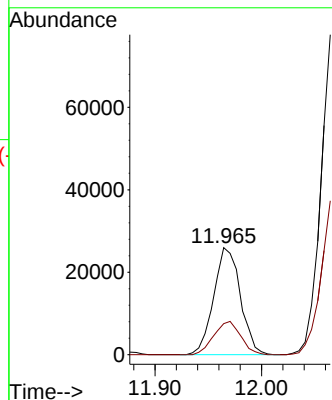
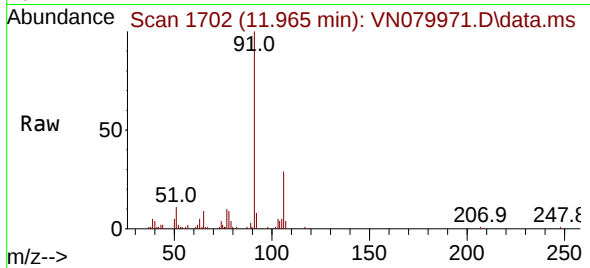




#67
Ethyl Benzene
Concen: 1.988 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079971.D
Acq: 07 Nov 2023 17:46

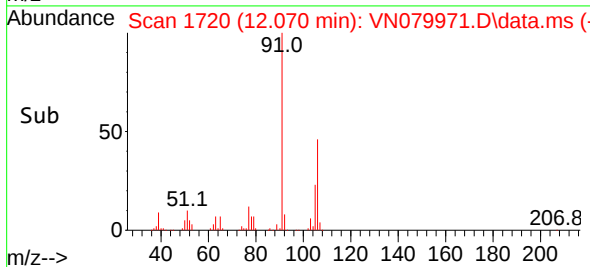
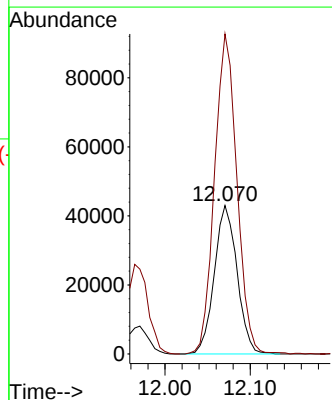
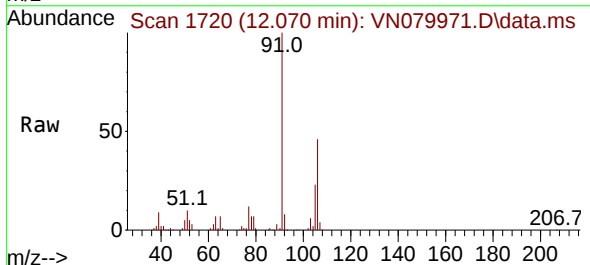
Instrument :
MSVOA_N
ClientSampleId :
1074DL

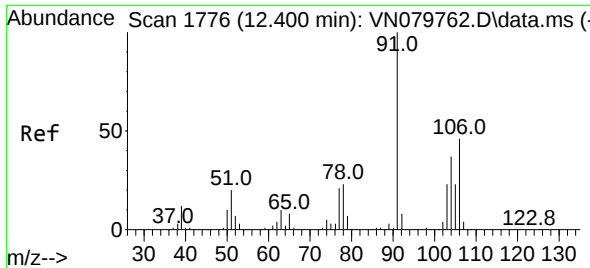
Tgt Ion: 91 Resp: 45184
Ion Ratio Lower Upper
91 100
106 29.0 25.6 38.4



#68
m/p-Xylenes
Concen: 9.420 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN079971.D
Acq: 07 Nov 2023 17:46

Tgt Ion: 106 Resp: 79758
Ion Ratio Lower Upper
106 100
91 212.1 159.6 239.4

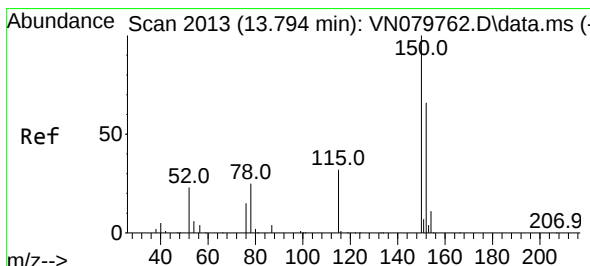
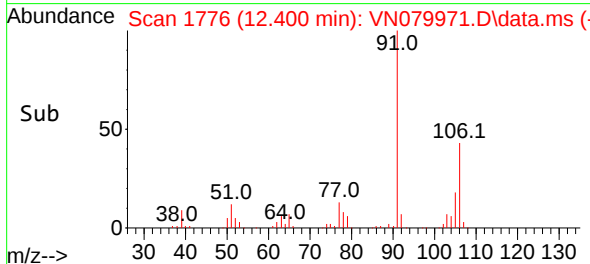
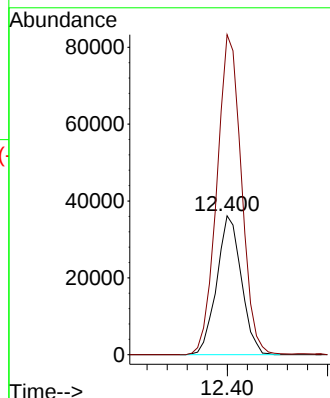
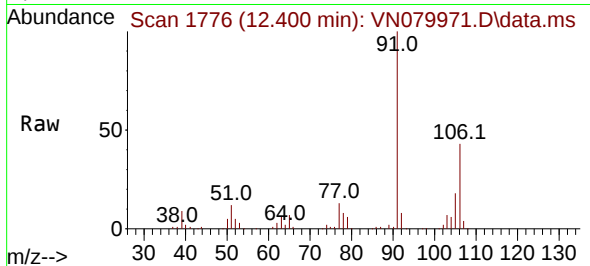




#69
o-Xylene
Concen: 7.551 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079971.D
Acq: 07 Nov 2023 17:46

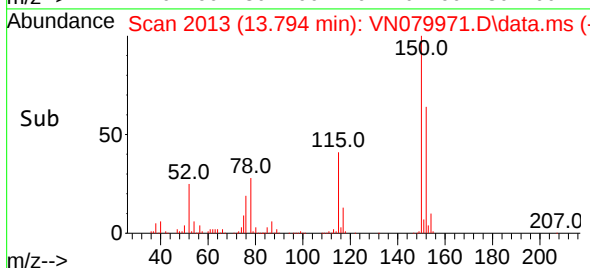
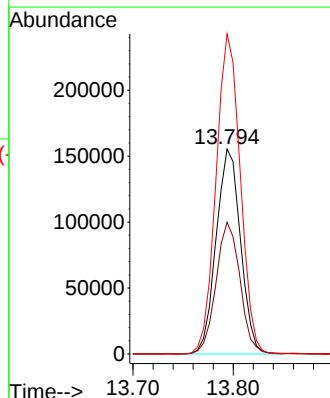
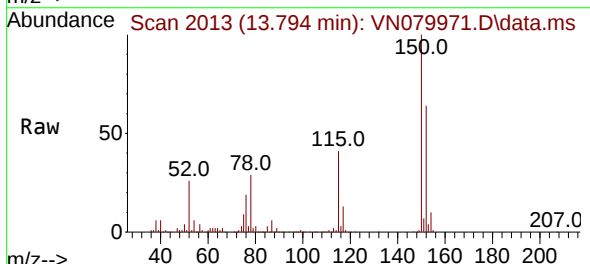
Instrument :
MSVOA_N
ClientSampleId :
1074DL

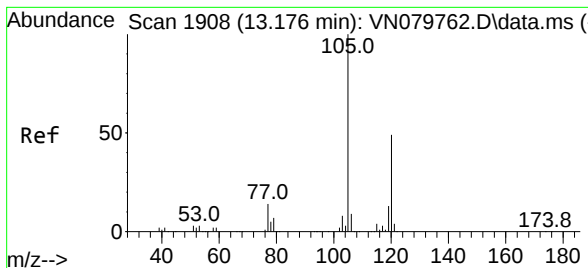
Tgt Ion:106 Resp: 61564
Ion Ratio Lower Upper
106 100
91 230.2 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079971.D
Acq: 07 Nov 2023 17:46

Tgt Ion:152 Resp: 262227
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 155.3 0.0 355.8





#80

1,3,5-Trimethylbenzene

Concen: 1.171 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN079971.D

Acq: 07 Nov 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

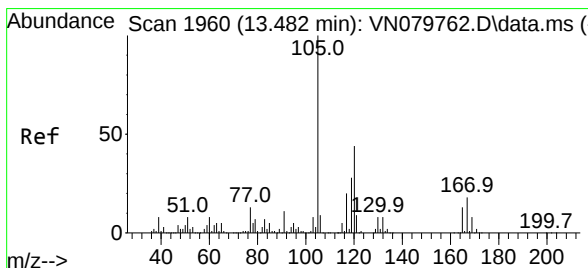
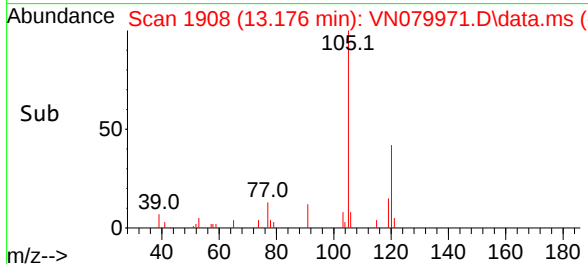
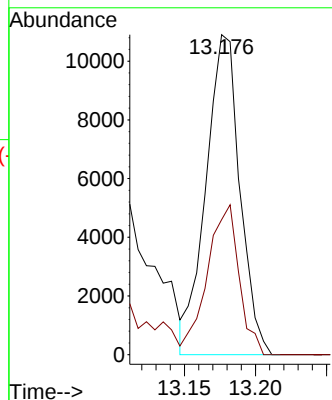
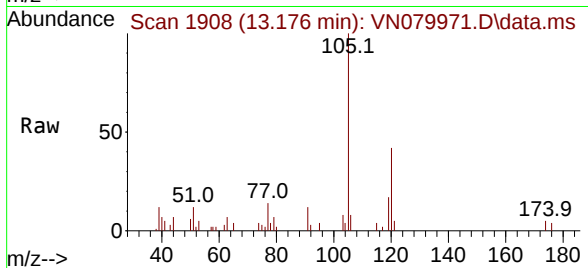
1074DL

Tgt Ion:105 Resp: 18127

Ion Ratio Lower Upper

105 100

120 43.7 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 3.597 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN079971.D

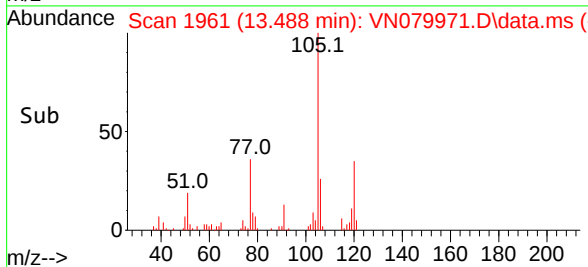
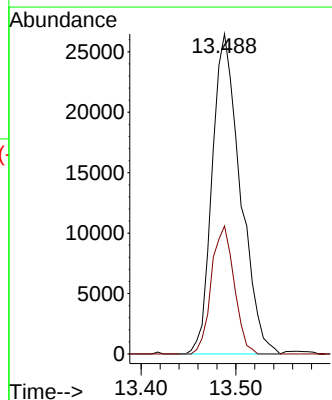
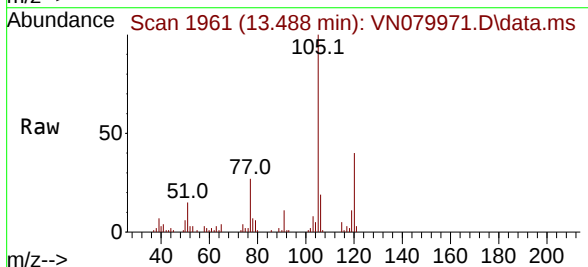
Acq: 07 Nov 2023 17:46

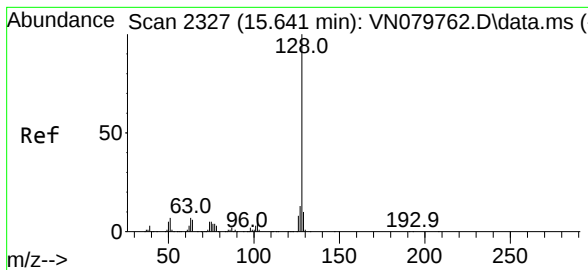
Tgt Ion:105 Resp: 54793

Ion Ratio Lower Upper

105 100

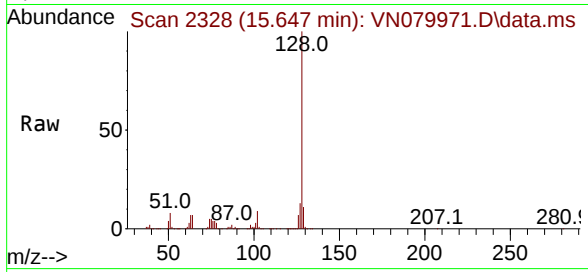
120 32.1 22.0 66.0





#95
Naphthalene
Concen: 74.866 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079971.D
Acq: 07 Nov 2023 17:46

Instrument :
MSVOA_N
ClientSampleId :
1074DL



Tgt Ion:128 Resp: 1032952

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	10.9	8.7	13.1

