

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079970.D
 Acq On : 07 Nov 2023 17:22
 Operator : JC\MD
 Sample : 05107-26DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1073DL

Quant Time: Nov 08 04:31:35 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)

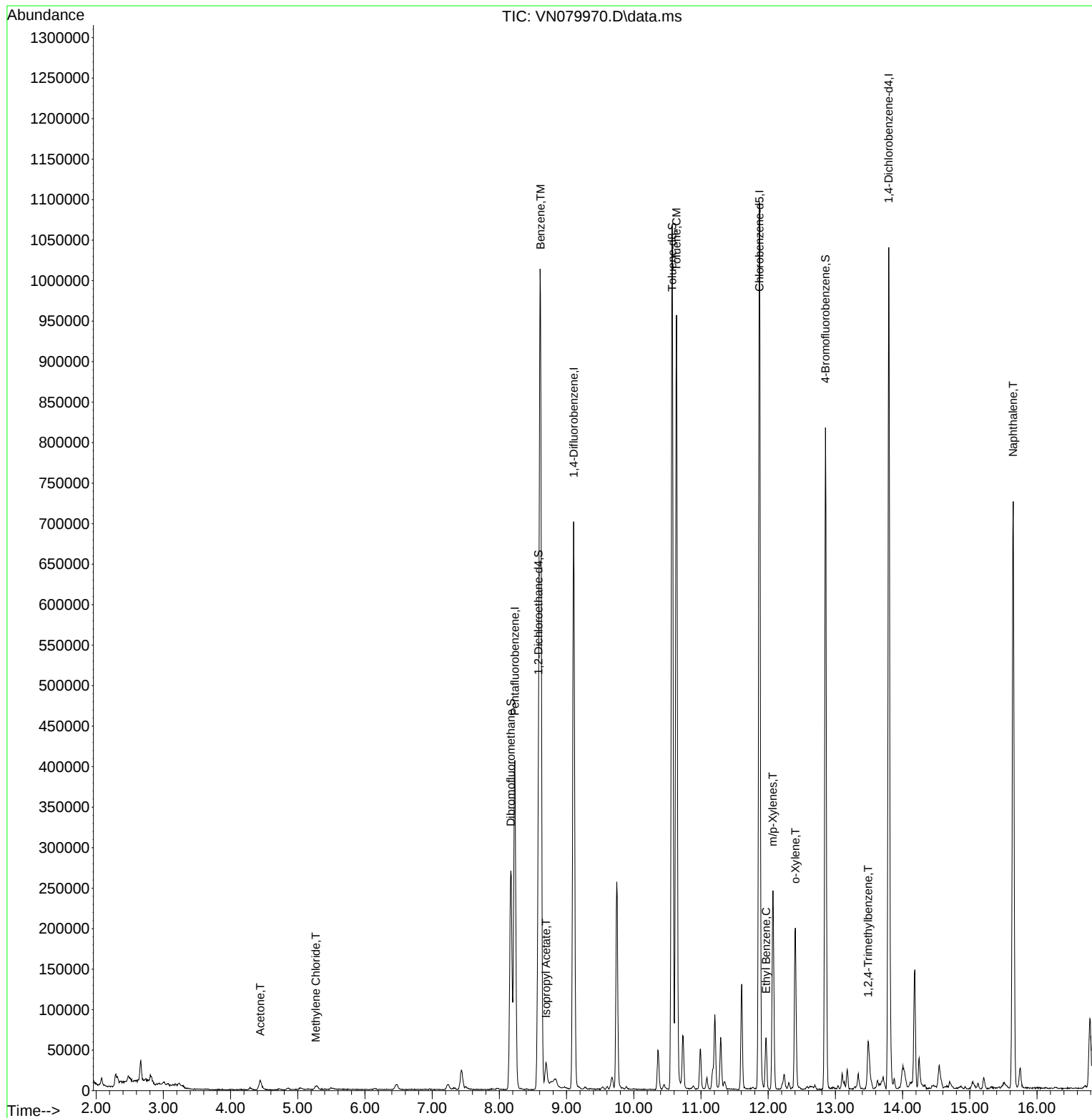
Internal Standards						
1) Pentafluorobenzene	8.230	168	284588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	608334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	258834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	244722	56.442	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.880%	
35) Dibromofluoromethane	8.171	113	199254	48.268	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.540%	
50) Toluene-d8	10.571	98	732807	48.221	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.440%	
62) 4-Bromofluorobenzene	12.853	95	273757	54.316	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.640%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	22407	14.713	ug/l #	81
20) Methylene Chloride	5.271	84	4005	1.042	ug/l #	70
40) Benzene	8.612	78	962577	54.525	ug/l	100
43) Isopropyl Acetate	8.694	43	36831	3.885	ug/l #	76
52) Toluene	10.635	92	413520	39.511	ug/l	98
67) Ethyl Benzene	11.970	91	43902	1.910	ug/l	99
68) m/p-Xylenes	12.070	106	74079	8.650	ug/l	91
69) o-Xylene	12.406	106	51638	6.261	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	36700	2.441	ug/l	84
95) Naphthalene	15.647	128	644215	47.303	ug/l	100

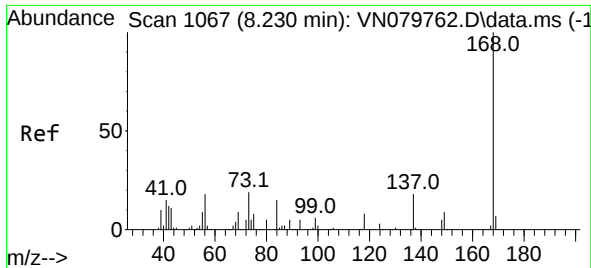
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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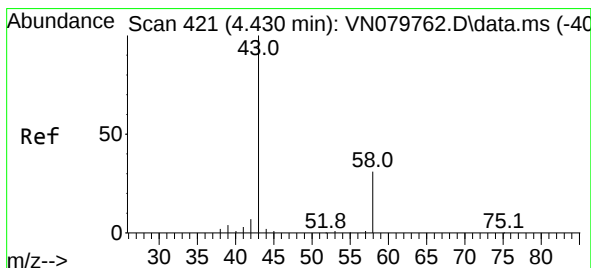
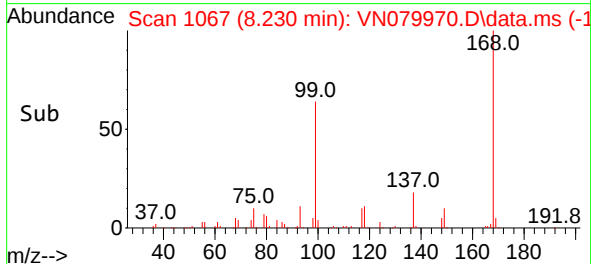
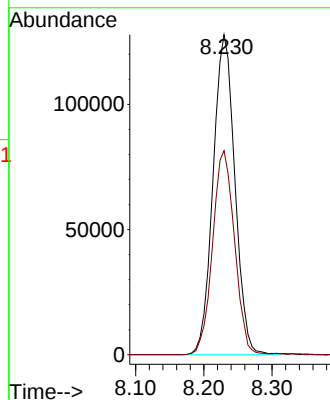
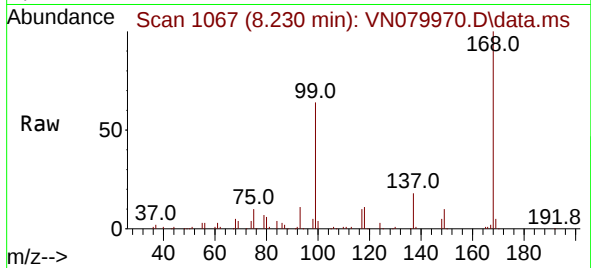




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079970.D
Acq: 07 Nov 2023 17:22

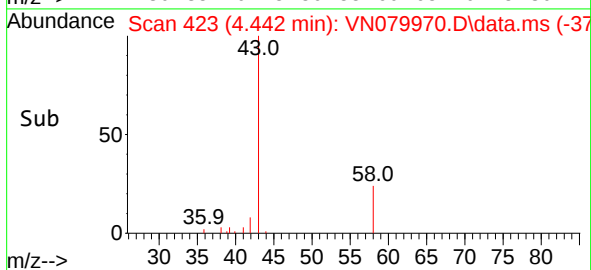
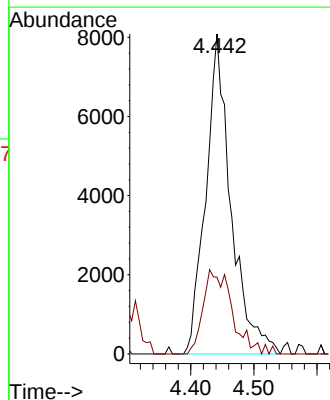
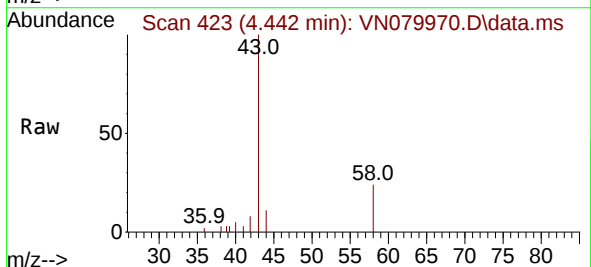
Instrument :
MSVOA_N
ClientSampleId :
1073DL

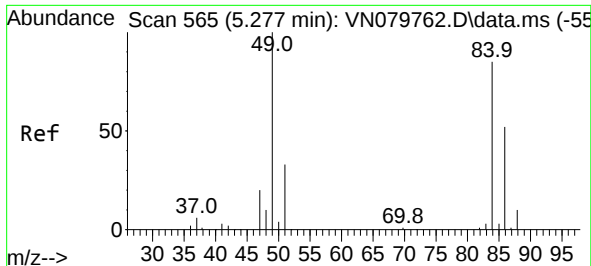
Tgt Ion:168 Resp: 284588
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6



#16
Acetone
Concen: 14.713 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079970.D
Acq: 07 Nov 2023 17:22

Tgt Ion: 43 Resp: 22407
Ion Ratio Lower Upper
43 100
58 24.0 28.0 42.0#

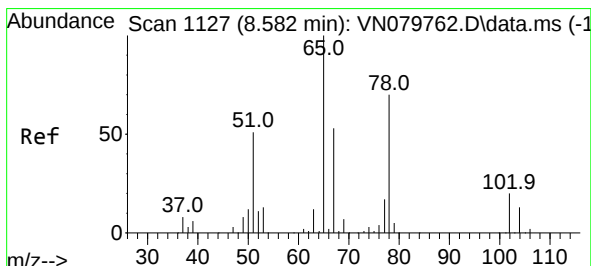
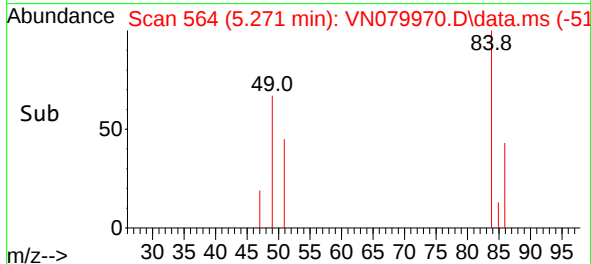
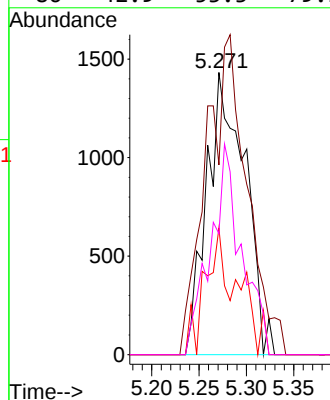
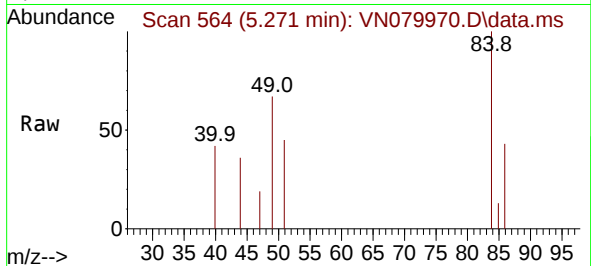




#20
Methylene Chloride
Concen: 1.042 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN079970.D
Acq: 07 Nov 2023 17:22

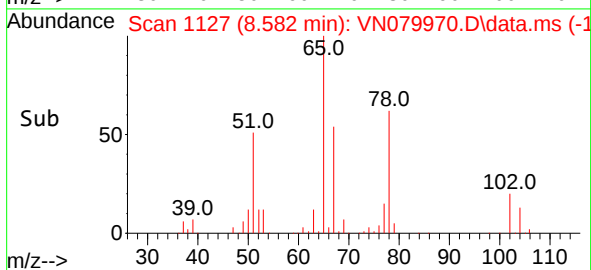
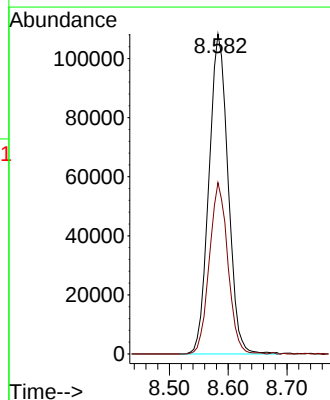
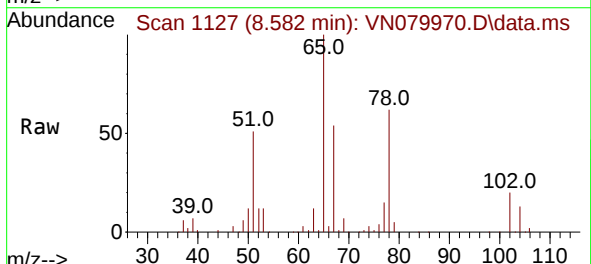
Instrument :
MSVOA_N
ClientSampleId :
1073DL

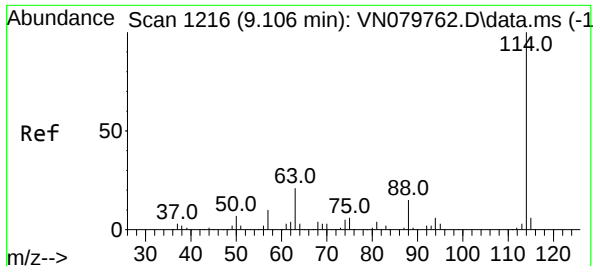
Tgt Ion: 84 Resp: 4005
Ion Ratio Lower Upper
84 100
49 67.2 79.7 119.5#
51 44.9 25.2 37.8#
86 42.9 53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 56.442 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079970.D
Acq: 07 Nov 2023 17:22

Tgt Ion: 65 Resp: 244722
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079970.D

Acq: 07 Nov 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

1073DL

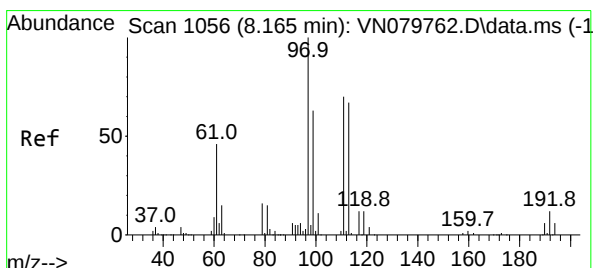
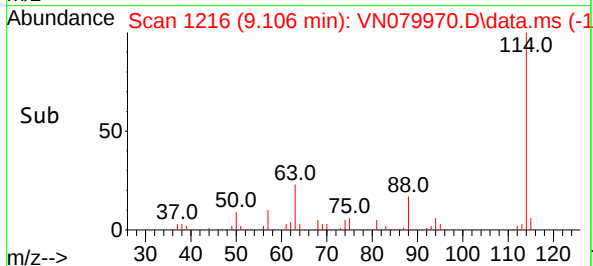
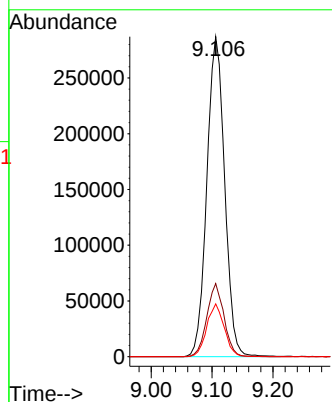
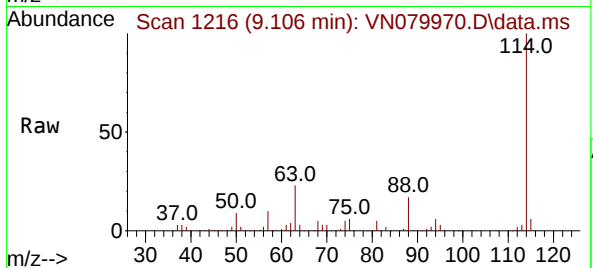
Tgt Ion:114 Resp: 583256

Ion Ratio Lower Upper

114 100

63 22.8 0.0 36.4

88 16.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.268 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079970.D

Acq: 07 Nov 2023 17:22

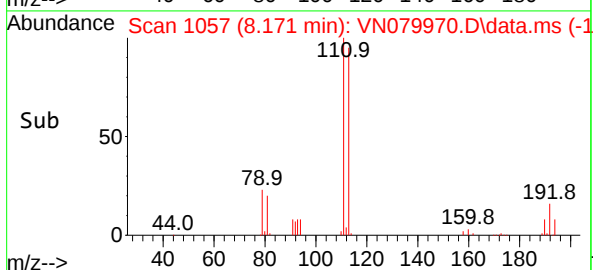
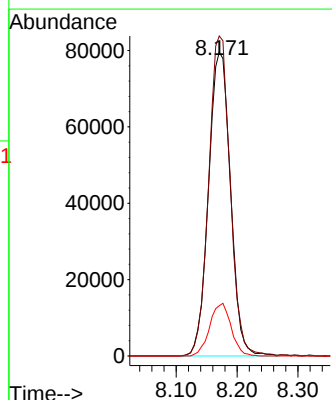
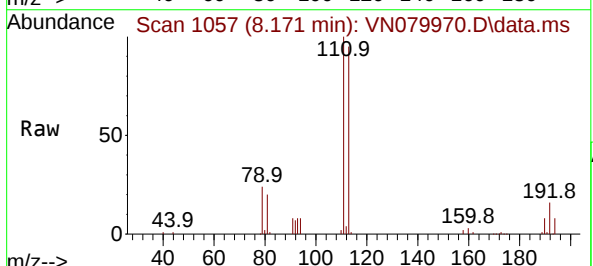
Tgt Ion:113 Resp: 199254

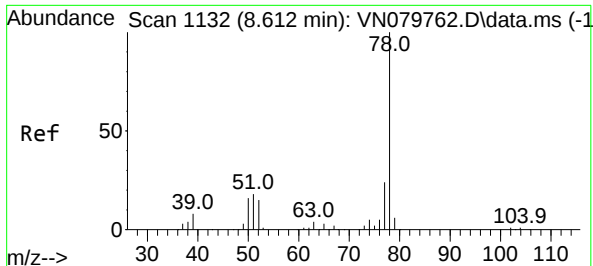
Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 16.9 12.7 19.1

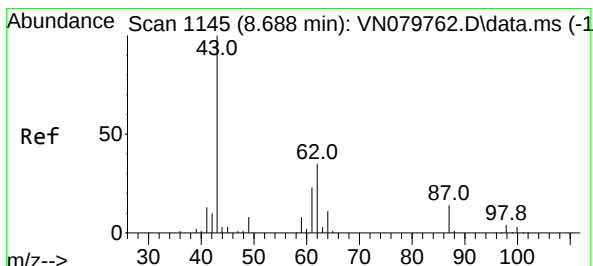
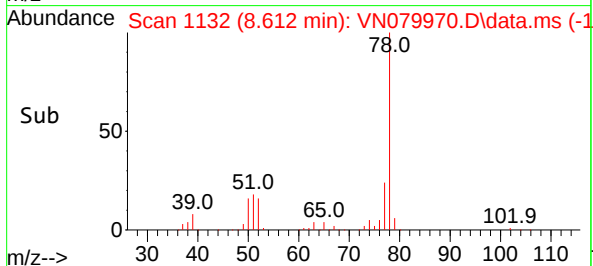
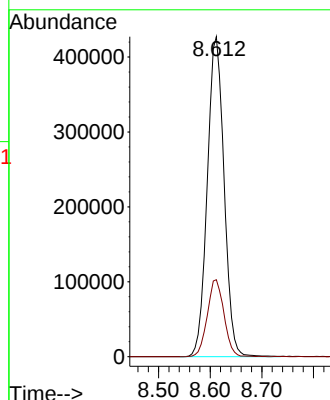
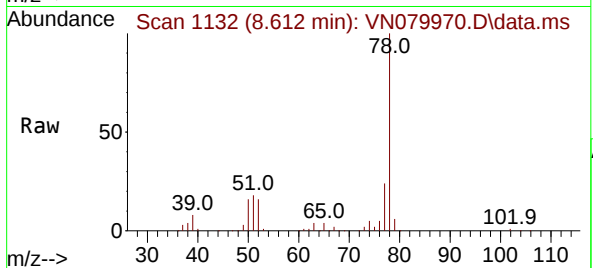




#40
Benzene
Concen: 54.525 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079970.D
Acq: 07 Nov 2023 17:22

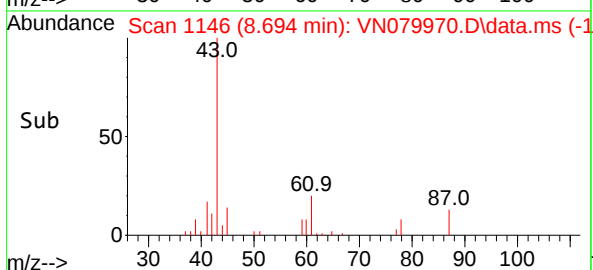
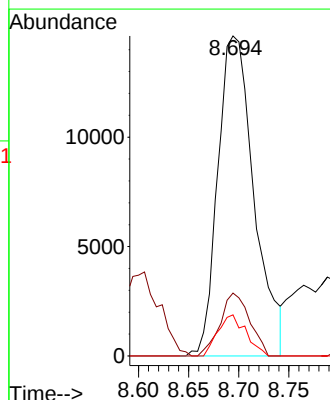
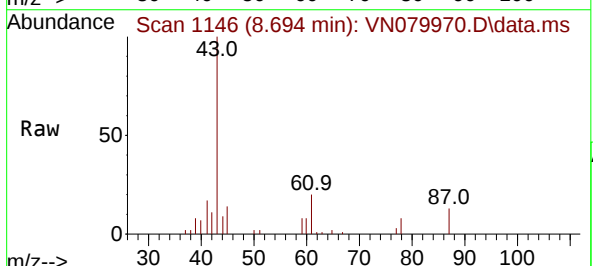
Instrument :
MSVOA_N
ClientSampleId :
1073DL

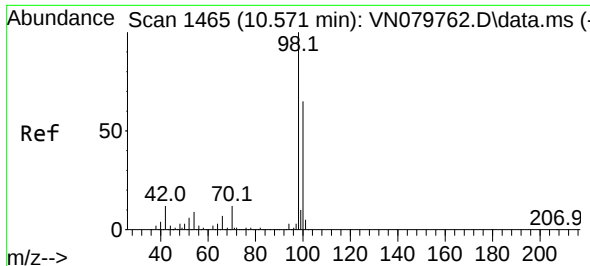
Tgt Ion: 78 Resp: 962577
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6



#43
Isopropyl Acetate
Concen: 3.885 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079970.D
Acq: 07 Nov 2023 17:22

Tgt Ion: 43 Resp: 36831
Ion Ratio Lower Upper
43 100
61 16.1 24.7 37.1#
87 9.9 14.6 21.8#

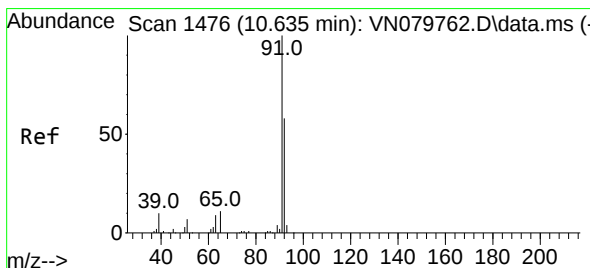
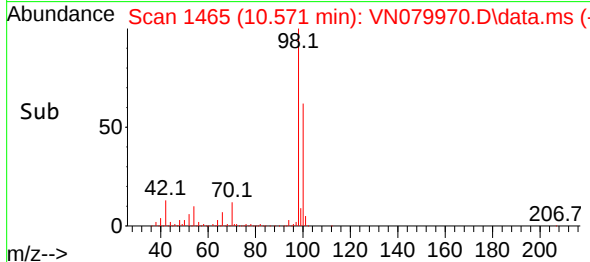
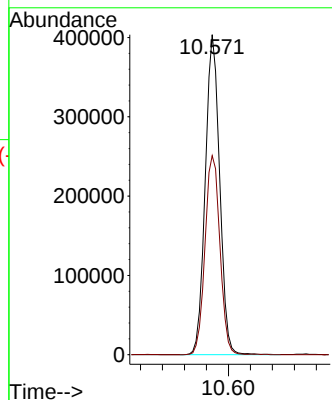
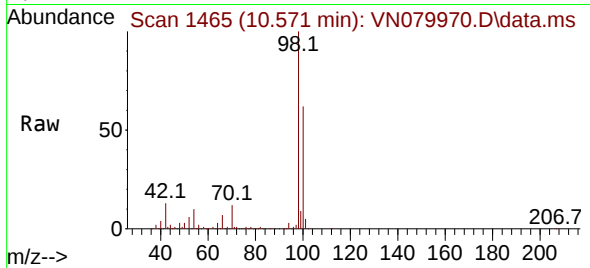




#50
Toluene-d8
Concen: 48.221 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079970.D
Acq: 07 Nov 2023 17:22

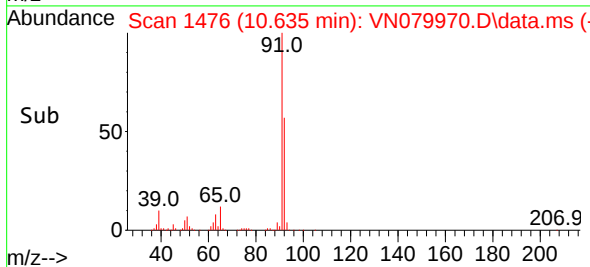
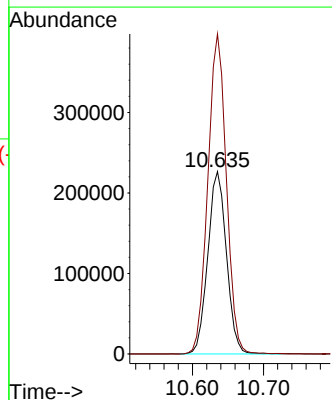
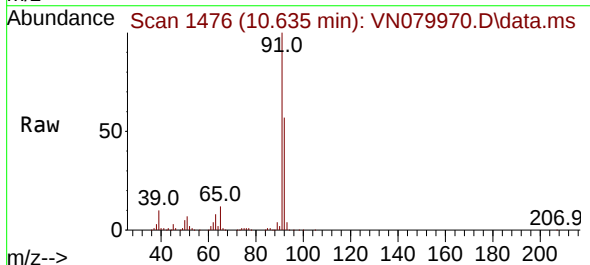
Instrument :
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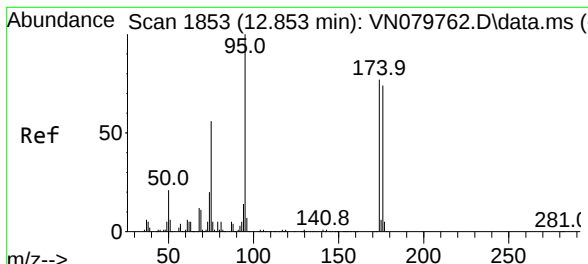
Tgt Ion: 98 Resp: 732807
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#52
Toluene
Concen: 39.511 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079970.D
Acq: 07 Nov 2023 17:22

Tgt Ion: 92 Resp: 413520
Ion Ratio Lower Upper
92 100
91 174.0 137.4 206.0

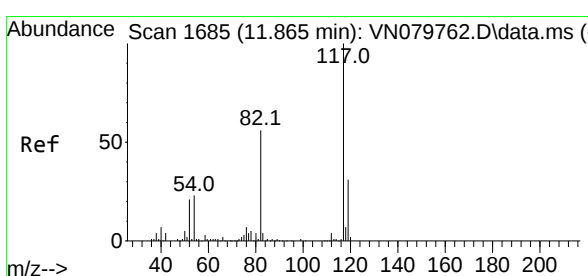
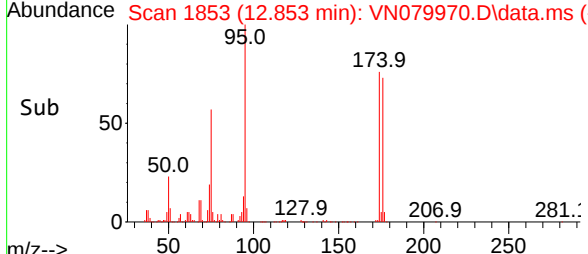
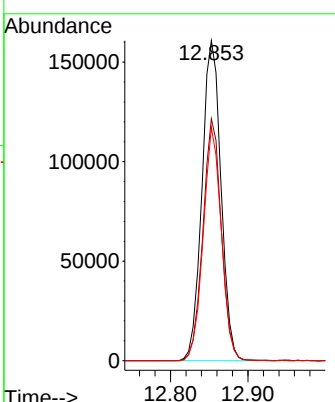
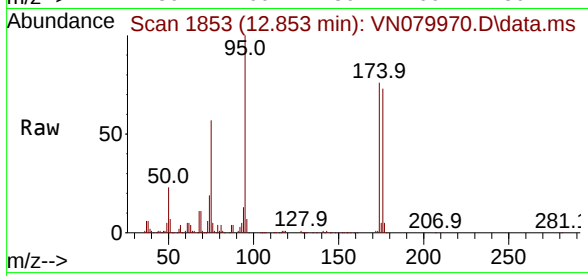




#62
 4-Bromofluorobenzene
 Concen: 54.316 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079970.D
 Acq: 07 Nov 2023 17:22

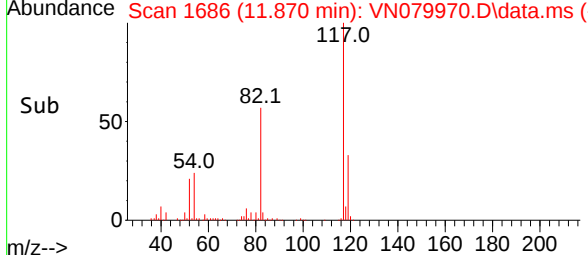
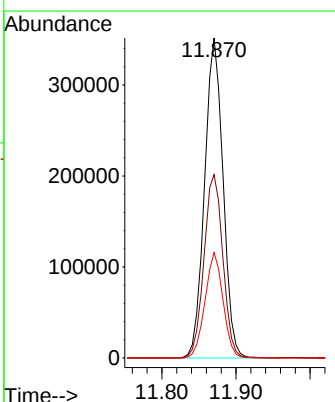
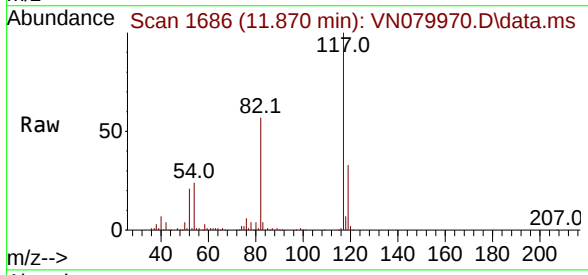
Instrument :
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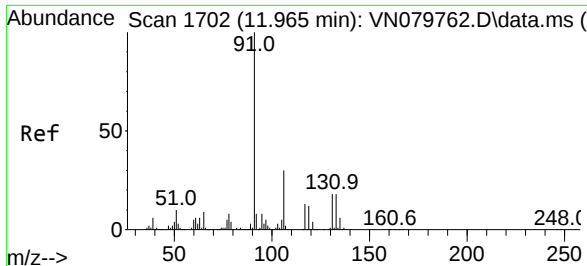
Tgt Ion:	95	Resp:	273757
Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	143.8
176	69.7	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079970.D
 Acq: 07 Nov 2023 17:22

Tgt Ion:	117	Resp:	608334
Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.0	66.0
119	32.9	25.6	38.4

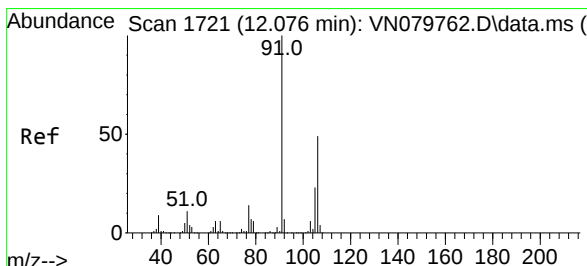
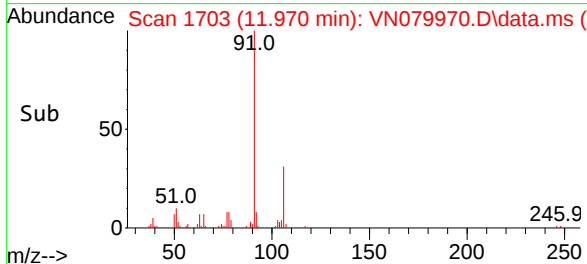
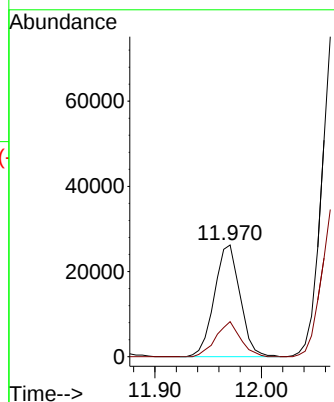
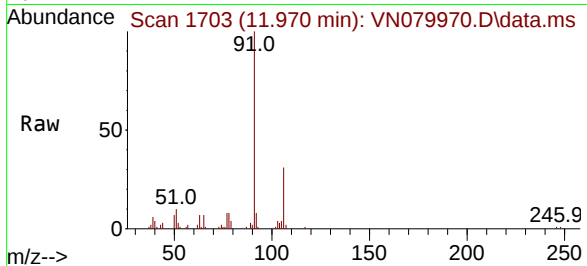




#67
Ethyl Benzene
Concen: 1.910 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079970.D
Acq: 07 Nov 2023 17:22

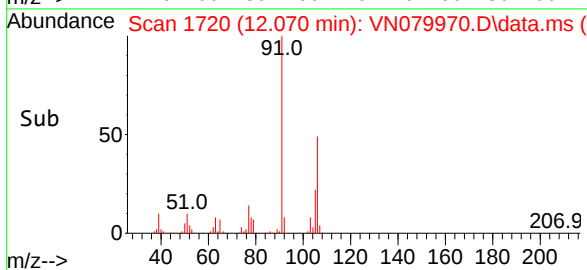
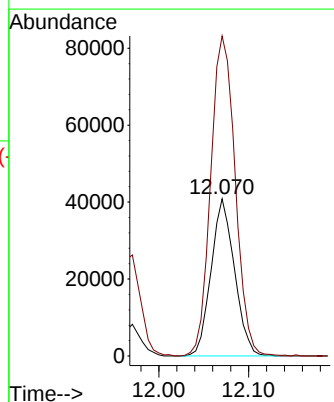
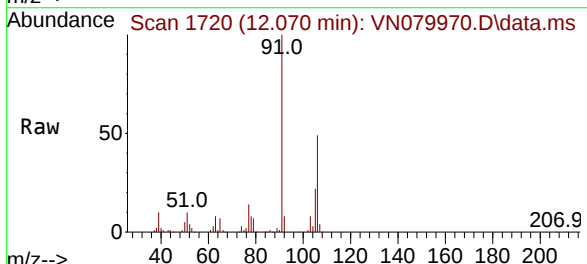
Instrument :
MSVOA_N
ClientSampleId :
1073DL

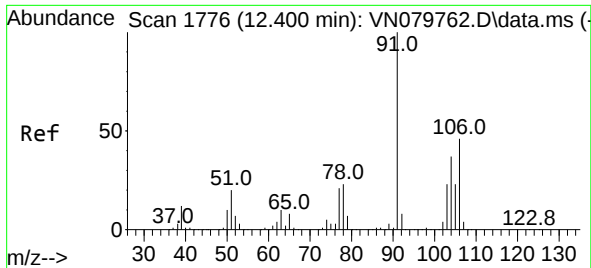
Tgt Ion: 91 Resp: 43902
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4



#68
m/p-Xylenes
Concen: 8.650 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079970.D
Acq: 07 Nov 2023 17:22

Tgt Ion: 106 Resp: 74079
Ion Ratio Lower Upper
106 100
91 213.1 159.6 239.4

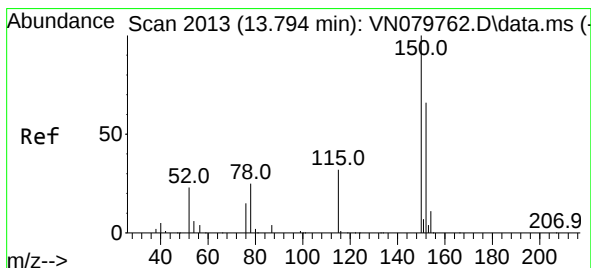
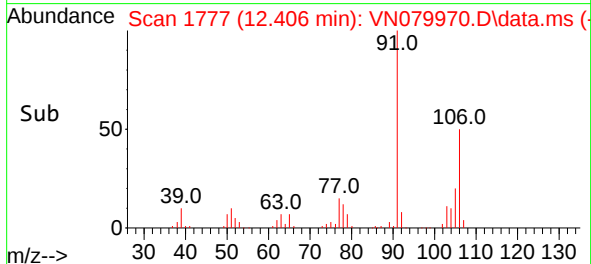
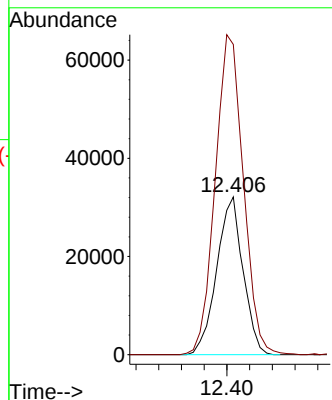
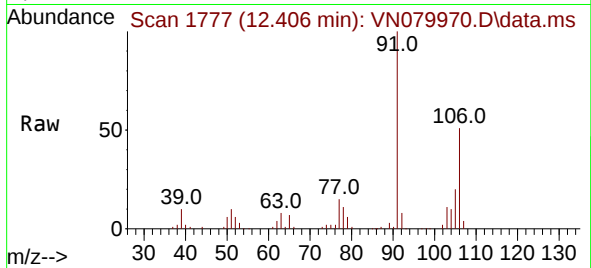




#69
o-Xylene
Concen: 6.261 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079970.D
Acq: 07 Nov 2023 17:22

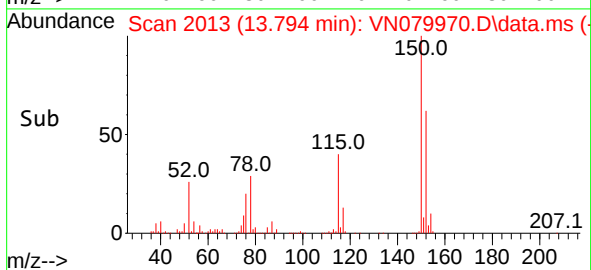
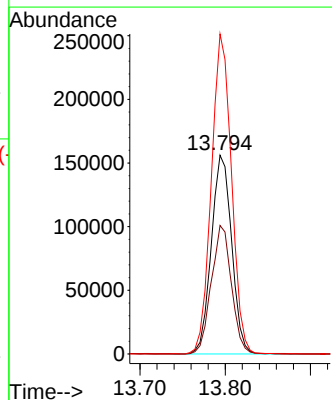
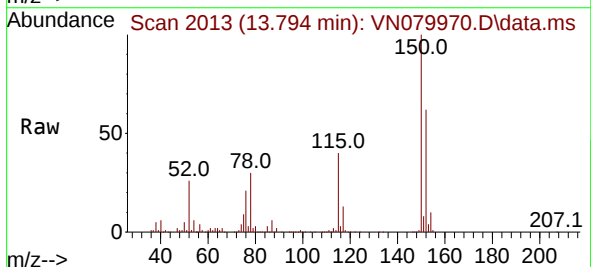
Instrument :
MSVOA_N
ClientSampleId :
1073DL

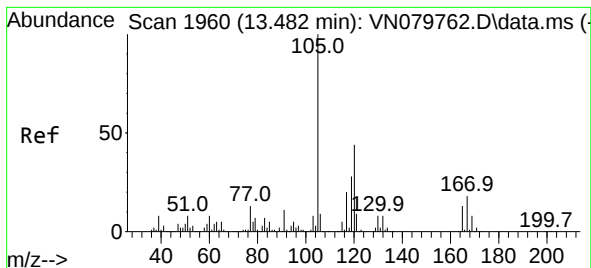
Tgt Ion:106 Resp: 51638
Ion Ratio Lower Upper
106 100
91 217.1 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079970.D
Acq: 07 Nov 2023 17:22

Tgt Ion:152 Resp: 258834
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 159.2 0.0 355.8





#84

1,2,4-Trimethylbenzene

Concen: 2.441 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN079970.D

Acq: 07 Nov 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

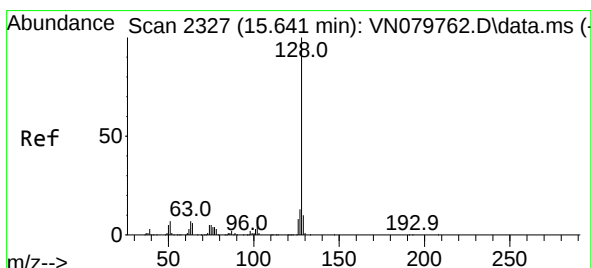
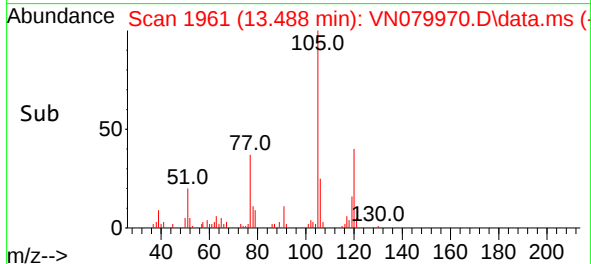
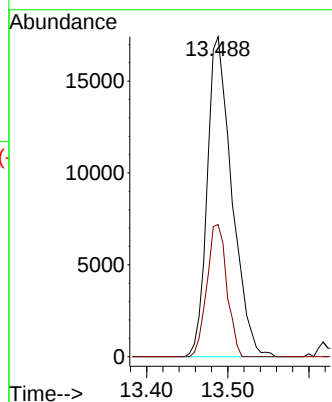
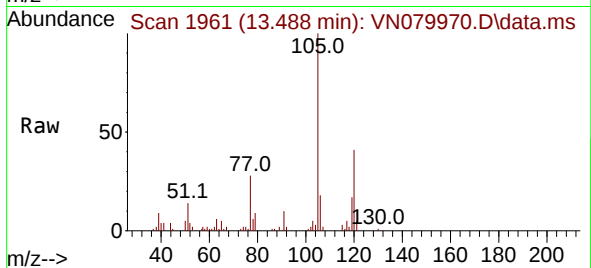
1073DL

Tgt Ion:105 Resp: 36700

Ion Ratio Lower Upper

105 100

120 33.4 22.0 66.0



#95

Naphthalene

Concen: 47.303 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN079970.D

Acq: 07 Nov 2023 17:22

Tgt Ion:128 Resp: 644215

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.9 8.7 13.1

