

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079418.D
 Acq On : 04 Oct 2023 21:13
 Operator : JC\MD
 Sample : 04689-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1

Quant Time: Oct 05 02:28:09 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)

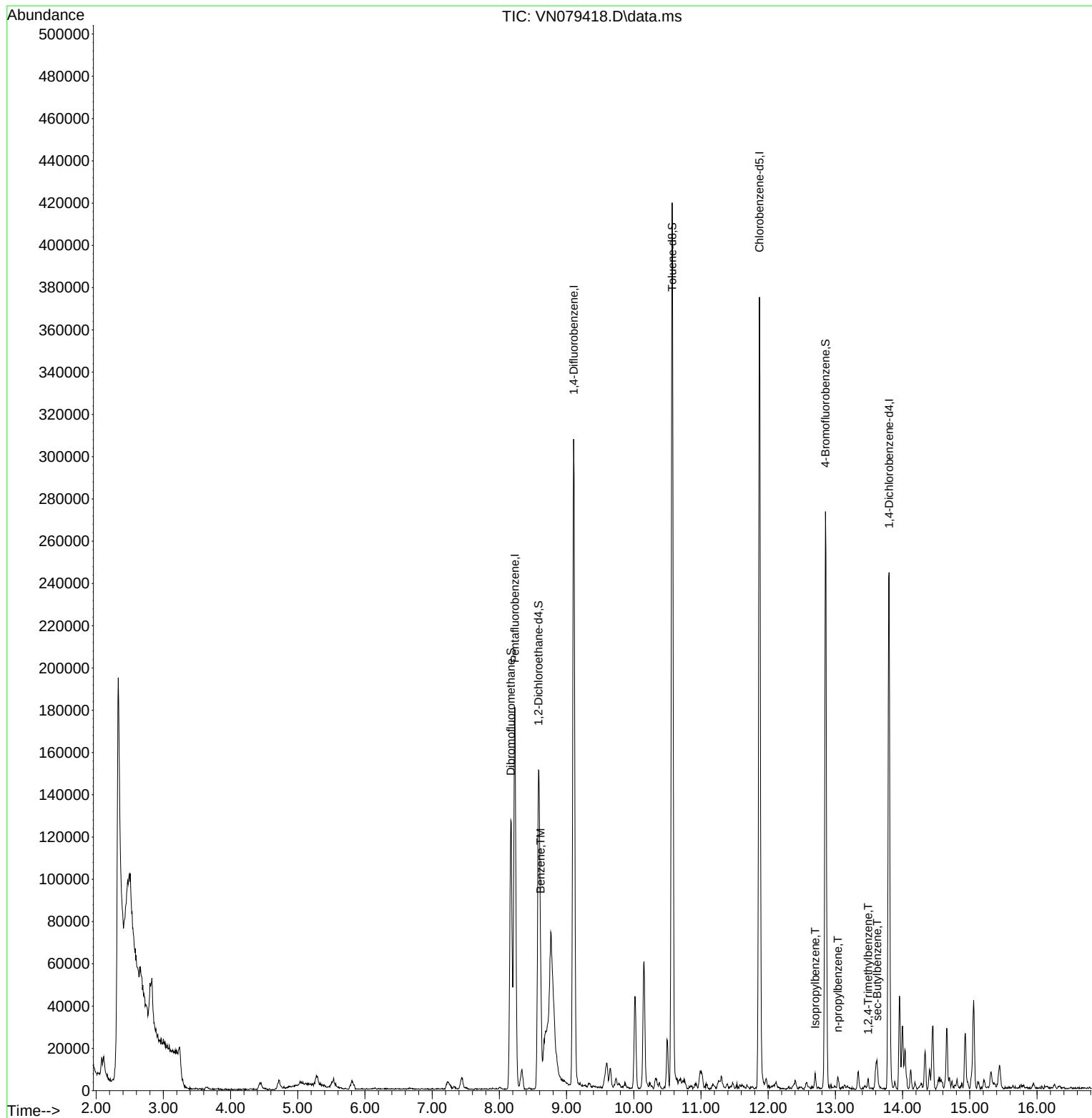
Internal Standards						
1) Pentafluorobenzene	8.230	168	124080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	256566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	211892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	63654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116135	69.336	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 138.680%#	
35) Dibromofluoromethane	8.171	113	92046	53.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.860%	
50) Toluene-d8	10.571	98	282034	45.007	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.020%	
62) 4-Bromofluorobenzene	12.853	95	89250	44.650	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.300%	
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	44717	5.553	ug/l	97
73) Isopropylbenzene	12.700	105	4357	0.752	ug/l	97
78) n-propylbenzene	13.035	91	4784	0.735	ug/l	86
84) 1,2,4-Trimethylbenzene	13.488	105	2870	0.624	ug/l	94
85) sec-Butylbenzene	13.623	105	6554	1.193	ug/l #	58

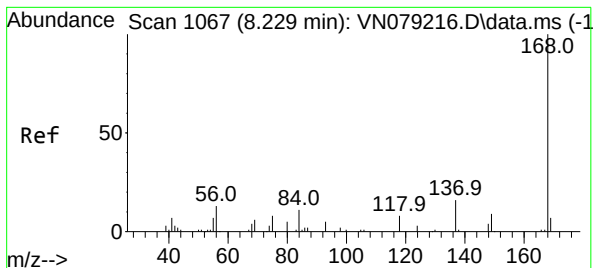
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

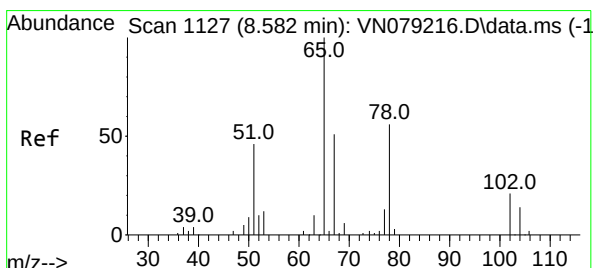
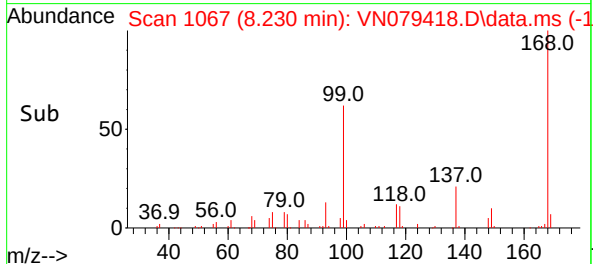
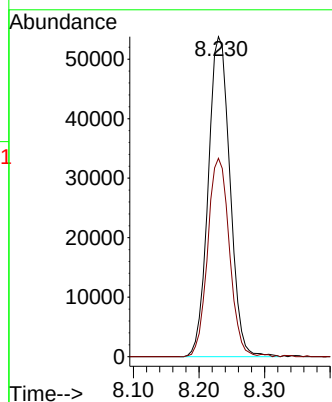
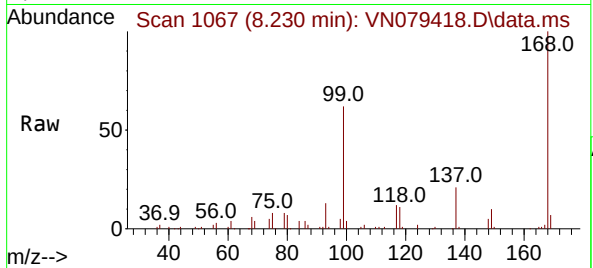




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079418.D
Acq: 04 Oct 2023 21:13

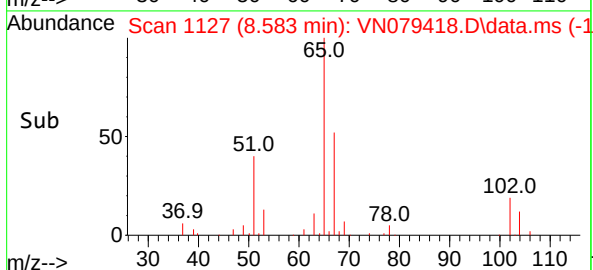
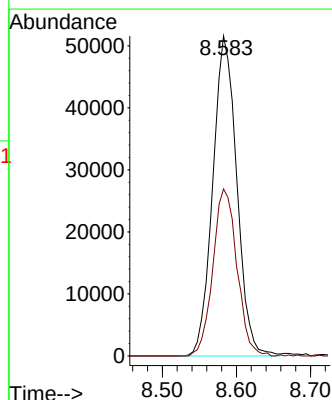
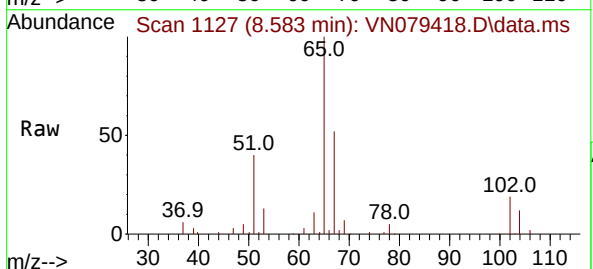
Instrument :
MSVOA_N
ClientSampleId :
TW-1

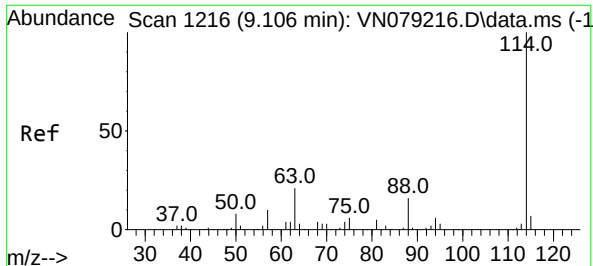
Tgt Ion:168 Resp: 124080
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 69.336 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079418.D
Acq: 04 Oct 2023 21:13

Tgt Ion: 65 Resp: 116135
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# 1

Delta R.T. -0.006 min

Lab File: VN079418.D

Acq: 04 Oct 2023 21:13

Instrument :

MSVOA_N

ClientSampleId :

TW-1

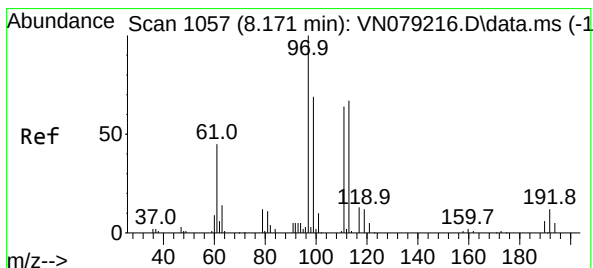
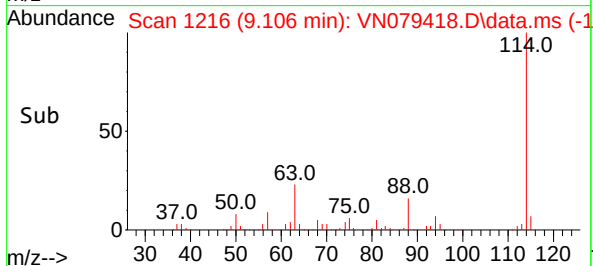
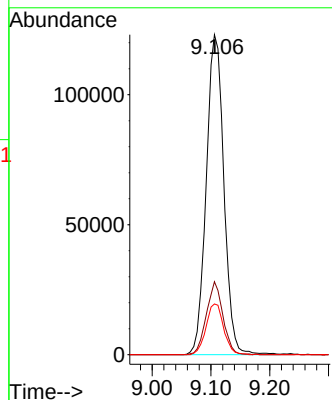
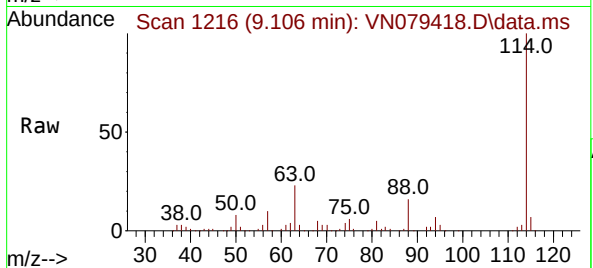
Tgt Ion:114 Resp: 256566

Ion Ratio Lower Upper

114 100

63 22.8 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.934 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079418.D

Acq: 04 Oct 2023 21:13

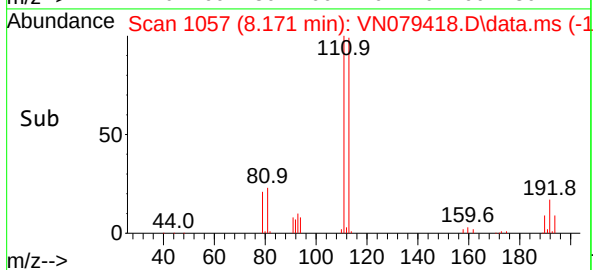
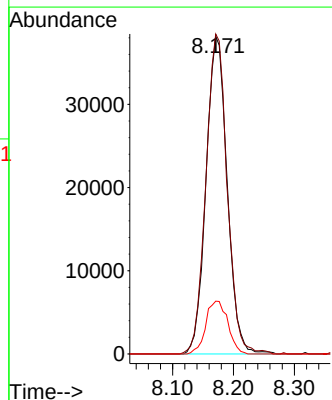
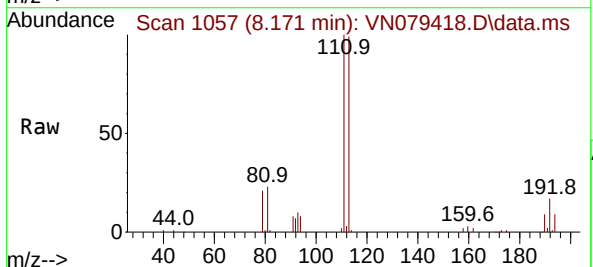
Tgt Ion:113 Resp: 92046

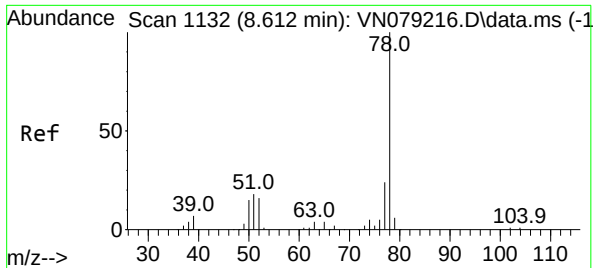
Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 17.3 12.7 19.1

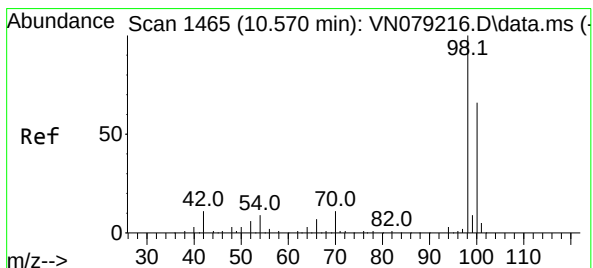
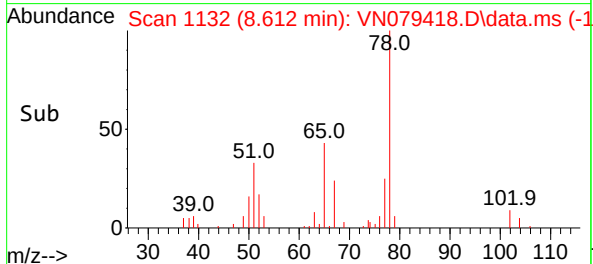
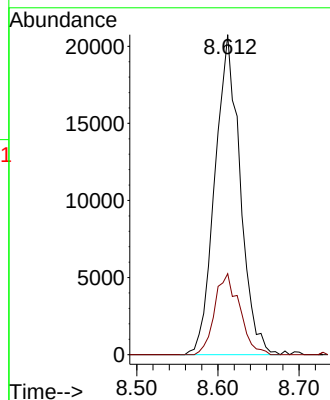
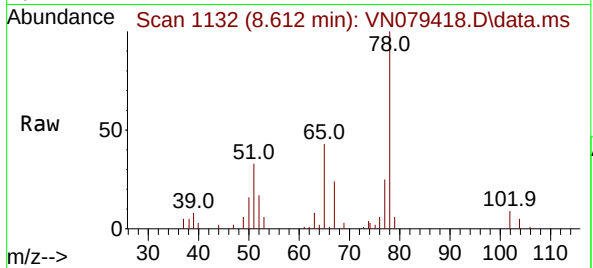




#40
Benzene
Concen: 5.553 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079418.D
Acq: 04 Oct 2023 21:13

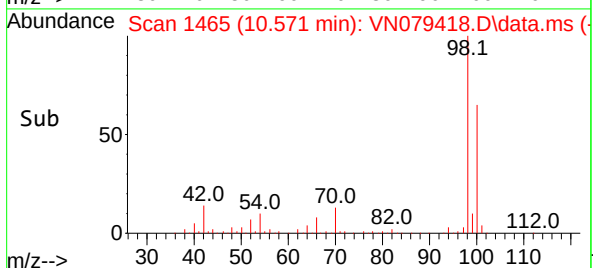
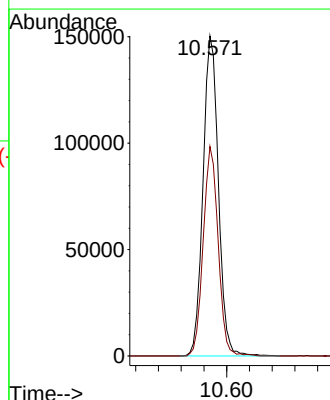
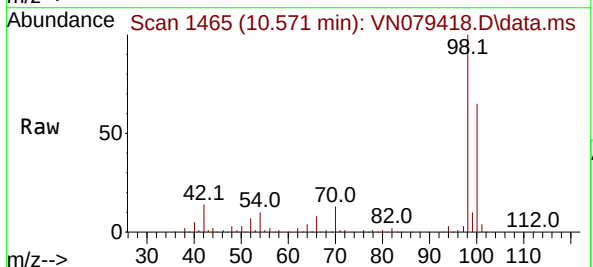
Instrument :
MSVOA_N
ClientSampleId :
TW-1

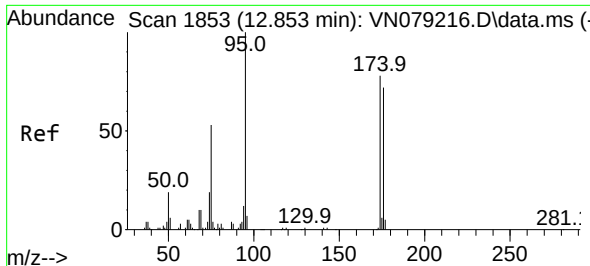
Tgt Ion: 78 Resp: 44717
Ion Ratio Lower Upper
78 100
77 25.3 19.0 28.6



#50
Toluene-d8
Concen: 45.007 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079418.D
Acq: 04 Oct 2023 21:13

Tgt Ion: 98 Resp: 282034
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

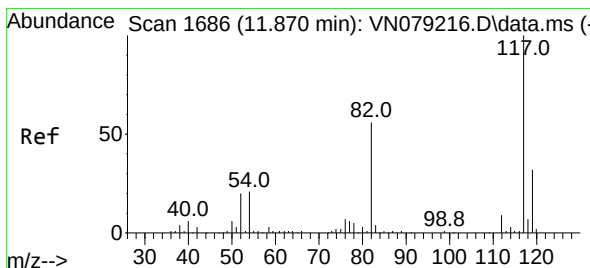
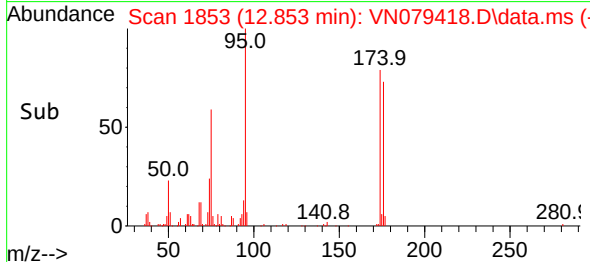
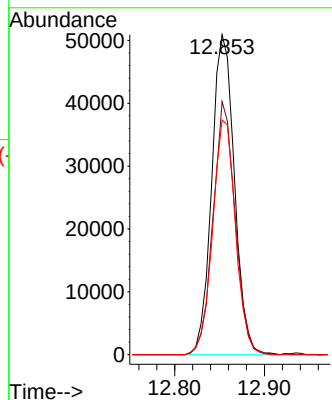
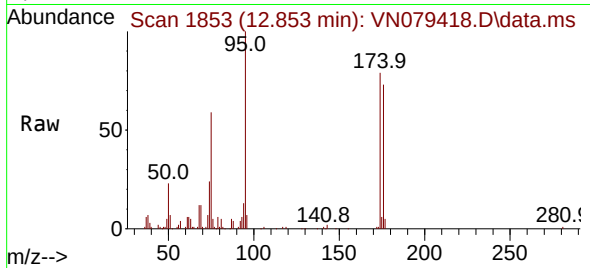




#62
4-Bromofluorobenzene
Concen: 44.650 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079418.D
Acq: 04 Oct 2023 21:13

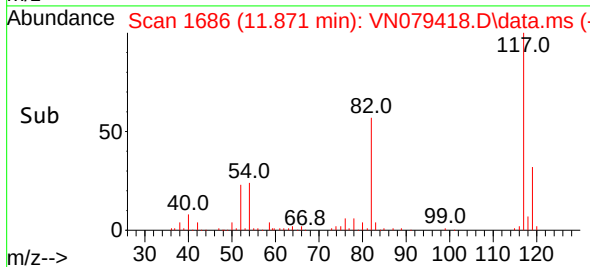
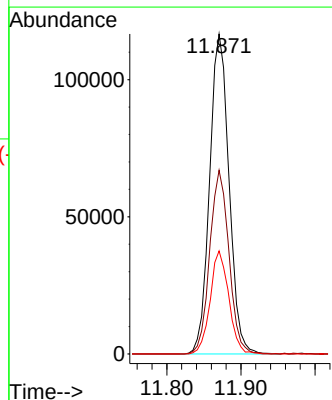
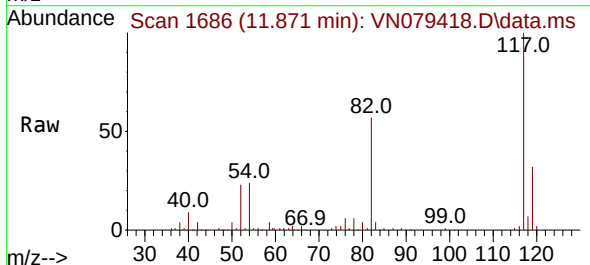
Instrument :
MSVOA_N
ClientSampleId :
TW-1

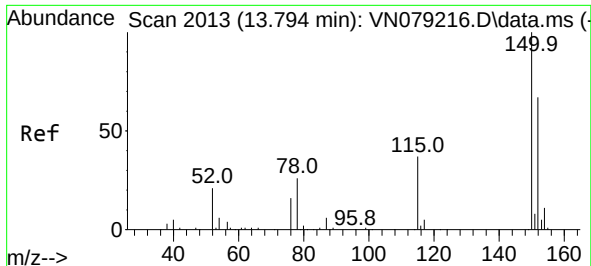
Tgt Ion: 95 Resp: 89250
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 74.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079418.D
Acq: 04 Oct 2023 21:13

Tgt Ion: 117 Resp: 211892
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 32.2 25.6 38.4

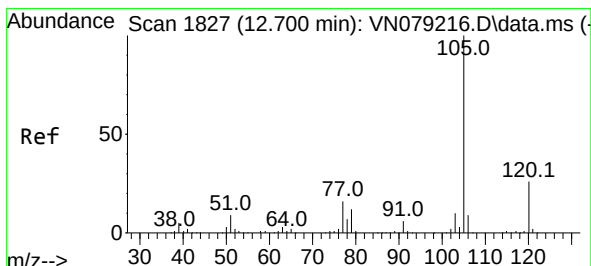
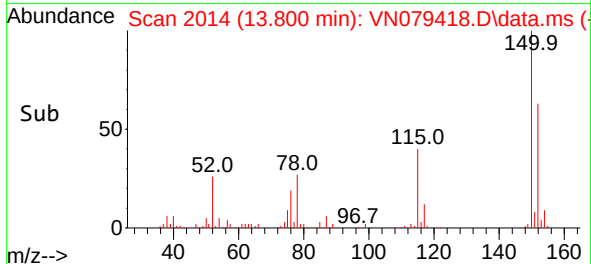
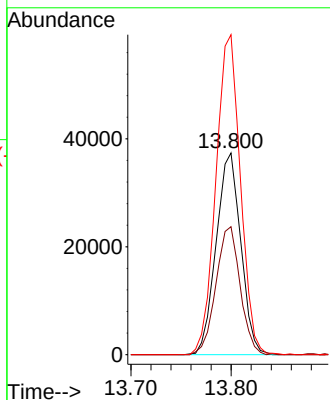
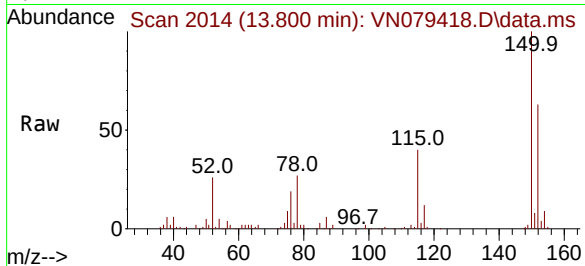




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN079418.D
Acq: 04 Oct 2023 21:13

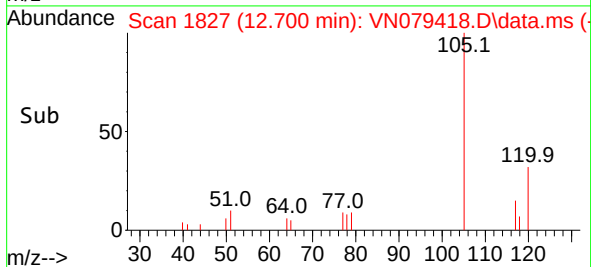
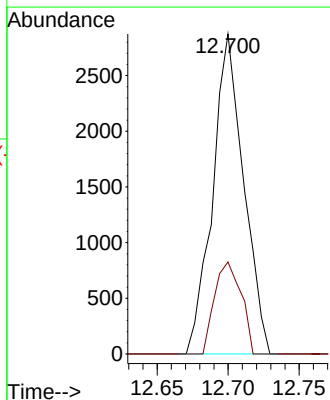
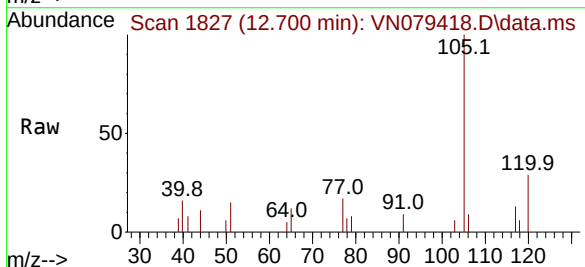
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ClientSampleId :
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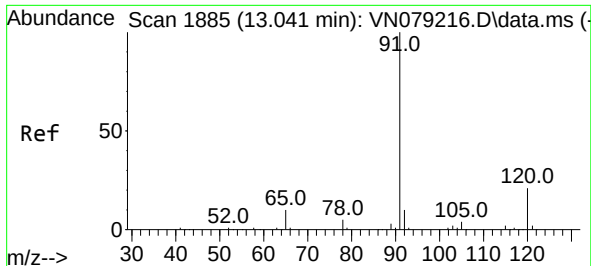
Tgt Ion:152 Resp: 63654
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 158.1 0.0 355.8



#73
Isopropylbenzene
Concen: 0.752 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079418.D
Acq: 04 Oct 2023 21:13

Tgt Ion:105 Resp: 4357
Ion Ratio Lower Upper
105 100
120 24.7 13.1 39.1

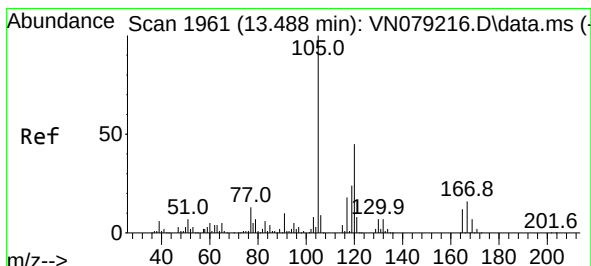
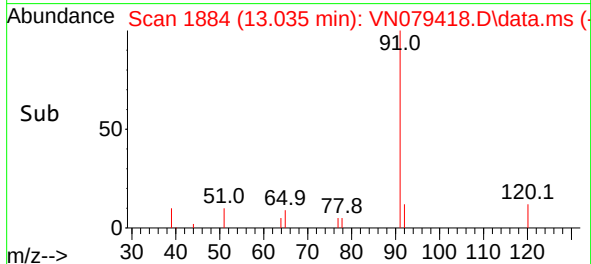
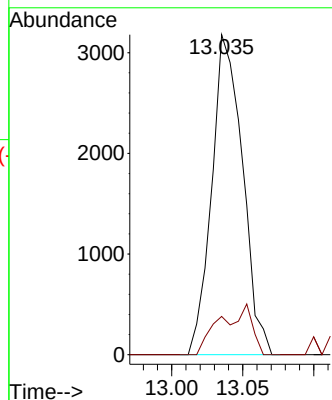
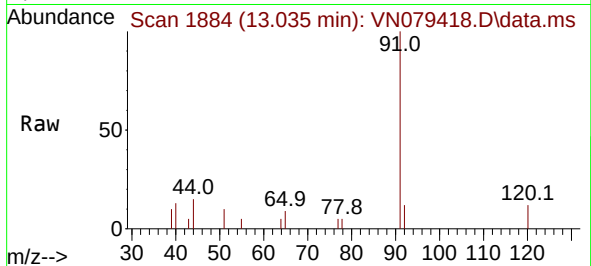




#78
n-propylbenzene
Concen: 0.735 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN079418.D
Acq: 04 Oct 2023 21:13

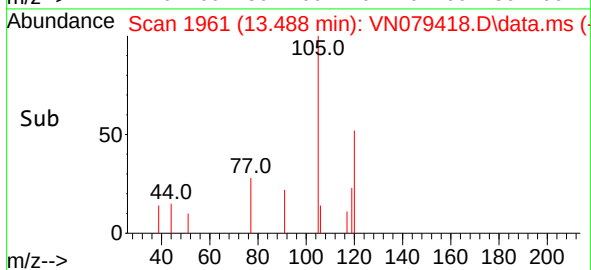
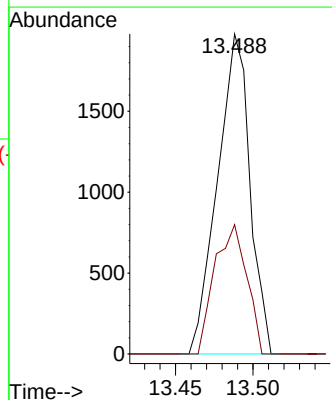
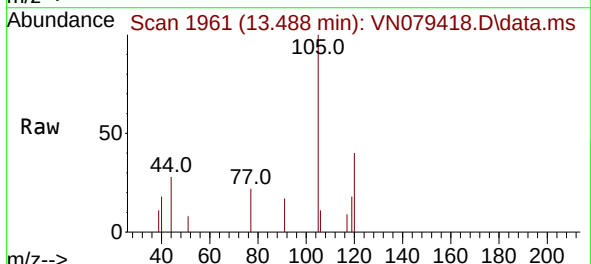
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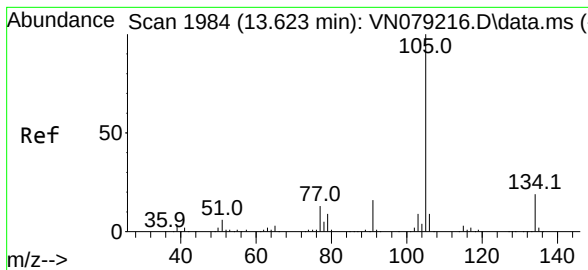
Tgt Ion: 91 Resp: 4784
Ion Ratio Lower Upper
91 100
120 16.2 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 0.624 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079418.D
Acq: 04 Oct 2023 21:13

Tgt Ion: 105 Resp: 2870
Ion Ratio Lower Upper
105 100
120 40.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 1.193 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079418.D
 Acq: 04 Oct 2023 21:13

Instrument : MSVOA_N
 ClientSampleId : TW-1

Tgt Ion:	105	Resp:	6554
Ion Ratio	Lower	Upper	
105	100		
134	38.4	9.8	29.3#

