

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079855.D
 Acq On : 03 Nov 2023 17:39
 Operator : JC\MD
 Sample : 05141-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-102723

Quant Time: Nov 04 00:55:35 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

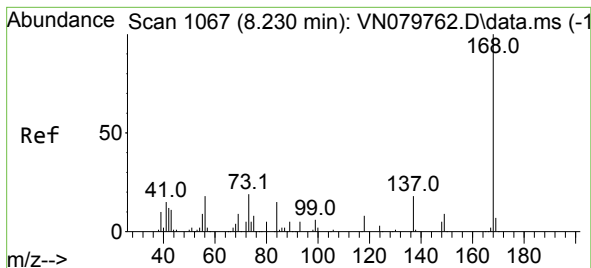
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	227260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	454927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	477353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	187556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	199110	57.507	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.020%			
35) Dibromofluoromethane	8.171	113	161203	50.066	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.140%			
50) Toluene-d8	10.570	98	562562	47.461	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.920%			
62) 4-Bromofluorobenzene	12.853	95	187860	47.788	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.580%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	2117	Below Cal	#	67
6) Chloroethane	3.130	64	585	0.207	ug/l #	43
16) Acetone	4.447	43	2665	2.191	ug/l #	77
20) Methylene Chloride	5.271	84	2201	0.717	ug/l #	79
31) Cyclohexane	8.218	56	5796	1.267	ug/l #	52
36) 1,1-Dichloropropene	8.229	75	20266	4.408	ug/l #	47
38) Carbon Tetrachloride	8.229	117	24541	5.297	ug/l #	16
51) 4-Methyl-2-Pentanone	10.570	43	2599	0.624	ug/l #	1
71) Bromoform	12.853	173	1243	0.469	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	102902	23.369	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	102902	63.583	ug/l #	15

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

Quant Time: Nov 04 00:55:35 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079855.D

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Instrument :

MSVOA_N

ClientSampleId :

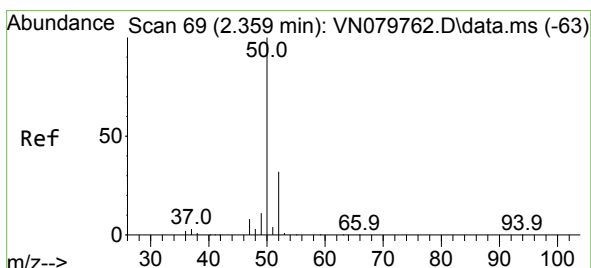
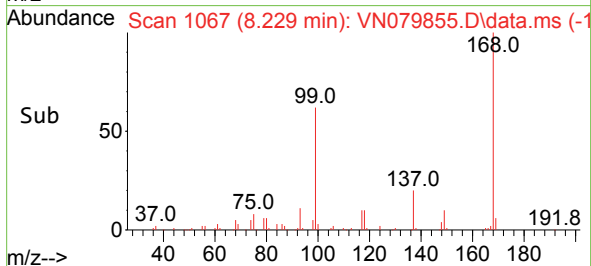
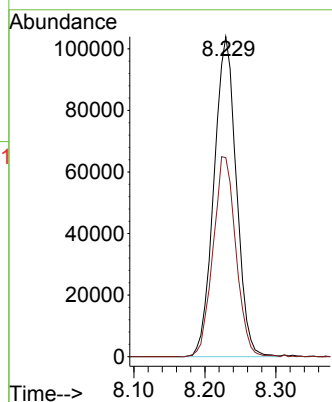
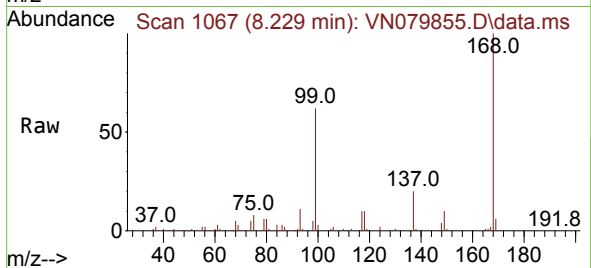
TB-102723

Tgt Ion:168 Resp: 227260

Ion Ratio Lower Upper

168 100

99 62.2 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079855.D

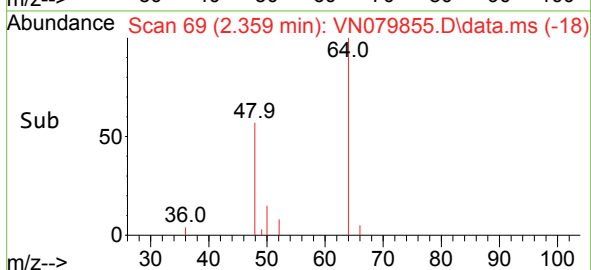
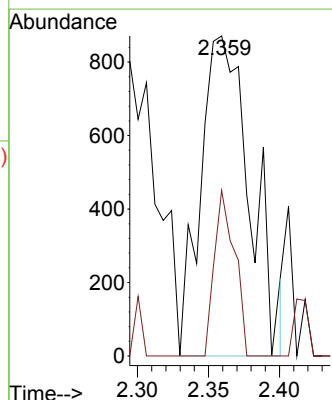
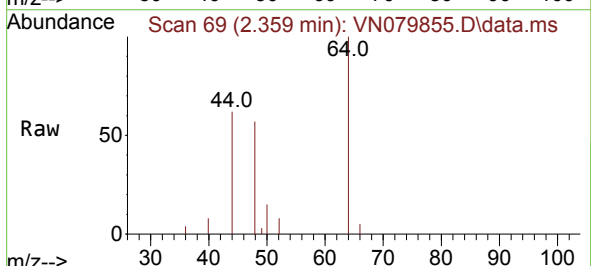
Acq: 03 Nov 2023 17:39

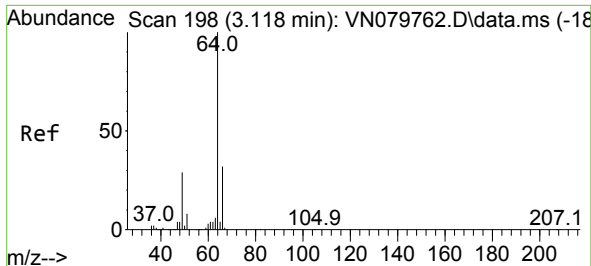
Tgt Ion: 50 Resp: 2117

Ion Ratio Lower Upper

50 100

52 51.8 26.5 39.7#

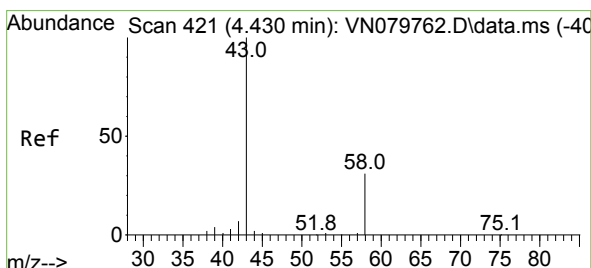
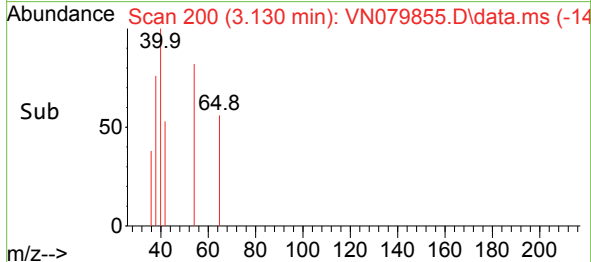
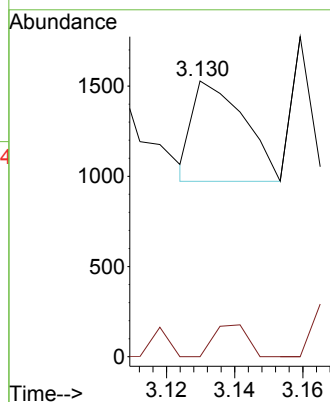
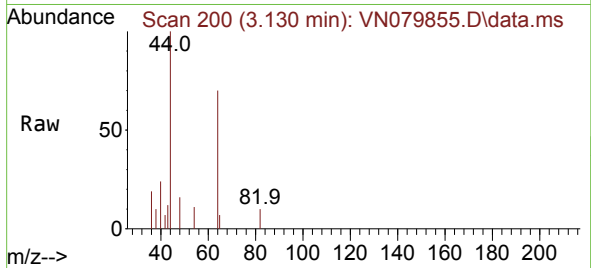




#6
Chloroethane
Concen: 0.207 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN079855.D
Acq: 03 Nov 2023 17:39

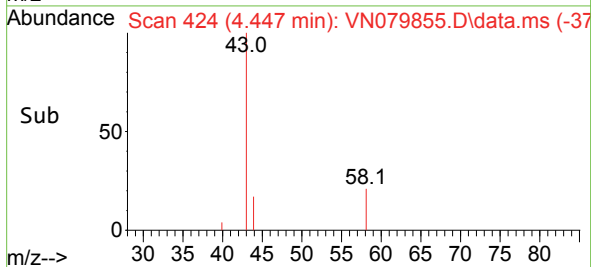
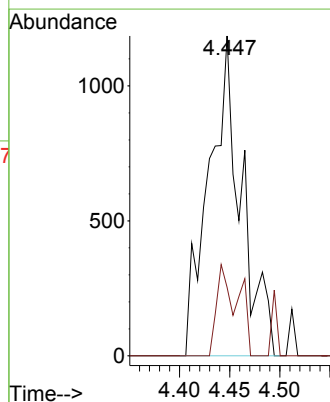
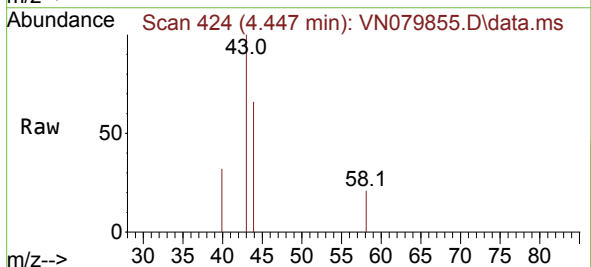
Instrument :
MSVOA_N
ClientSampleId :
TB-102723

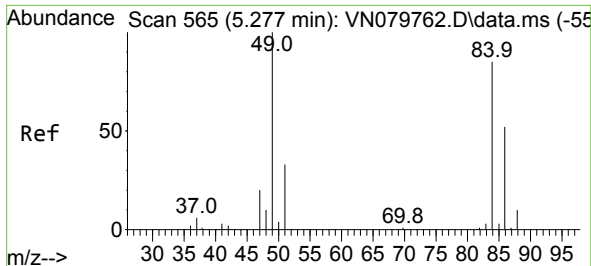
Tgt Ion: 64 Resp: 585
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 2.191 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN079855.D
Acq: 03 Nov 2023 17:39

Tgt Ion: 43 Resp: 2665
Ion Ratio Lower Upper
43 100
58 21.4 28.0 42.0#

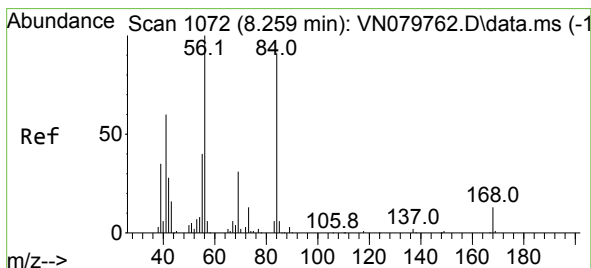
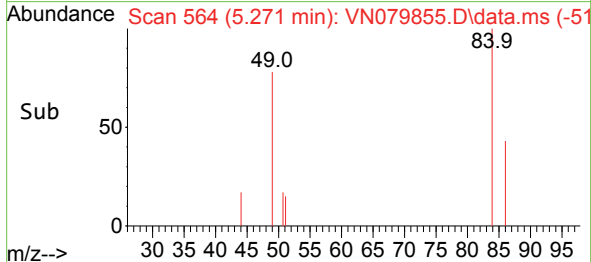
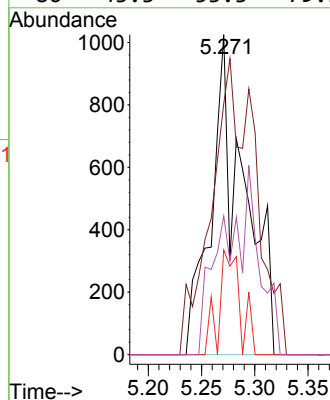
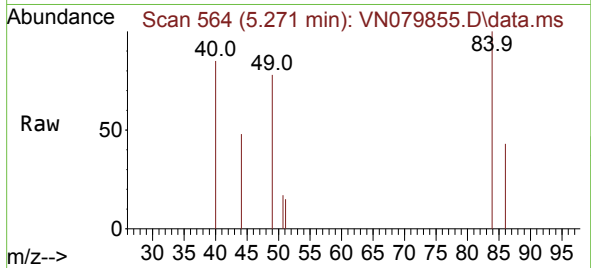




#20
Methylene Chloride
Concen: 0.717 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079855.D
Acq: 03 Nov 2023 17:39

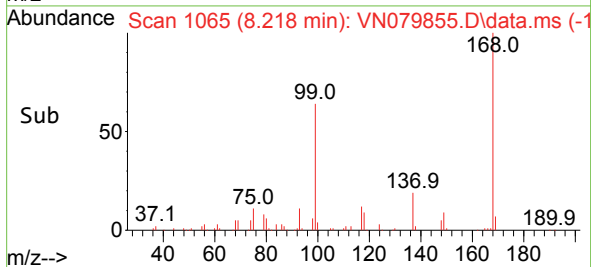
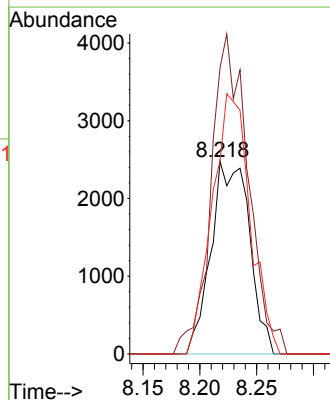
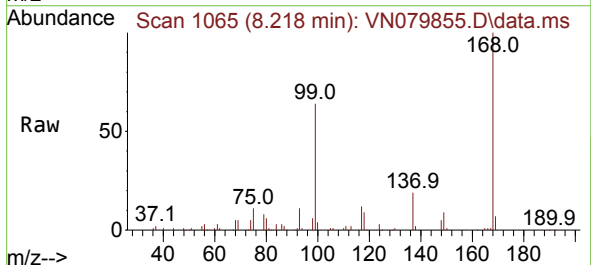
Instrument :
MSVOA_N
ClientSampleId :
TB-102723

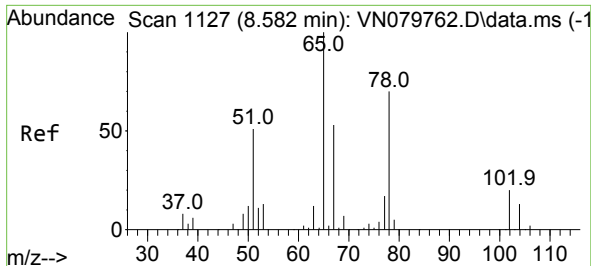
Tgt Ion: 84	Resp:	2201	
Ion	Ratio	Lower	Upper
84	100		
49	78.3	79.7	119.5#
51	32.7	25.2	37.8
86	43.3	53.3	79.9#



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN079855.D
Acq: 03 Nov 2023 17:39

Tgt Ion: 56	Resp:	5796	
Ion	Ratio	Lower	Upper
56	100		
69	140.3	26.8	40.2#
84	100.3	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 57.507 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079855.D

Acq: 03 Nov 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

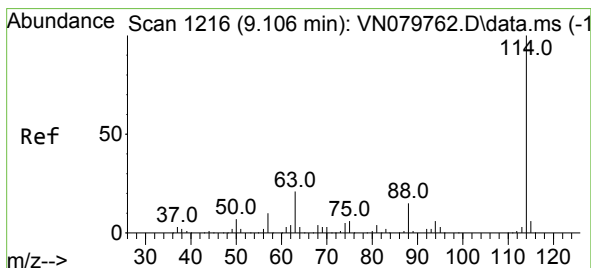
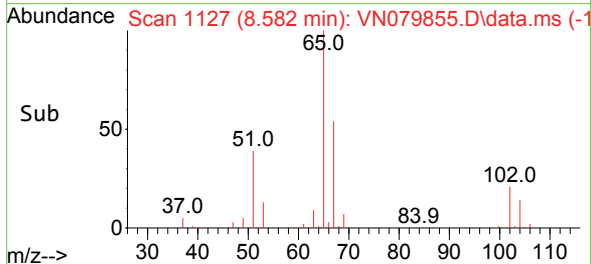
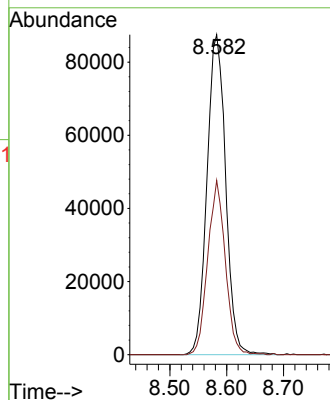
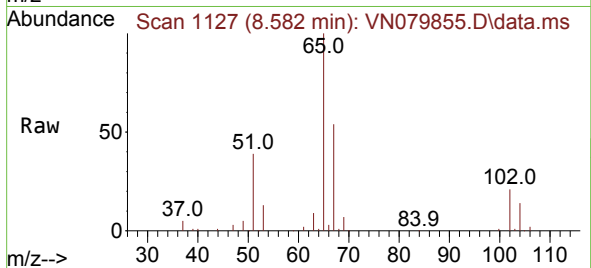
TB-102723

Tgt Ion: 65 Resp: 199110

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# 1216

Delta R.T. -0.000 min

Lab File: VN079855.D

Acq: 03 Nov 2023 17:39

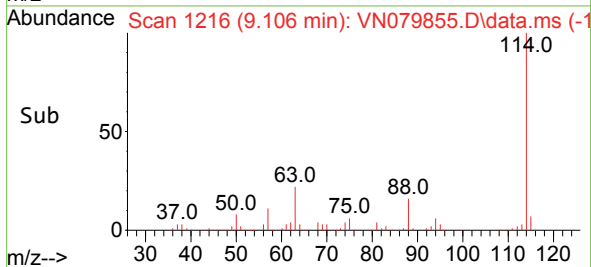
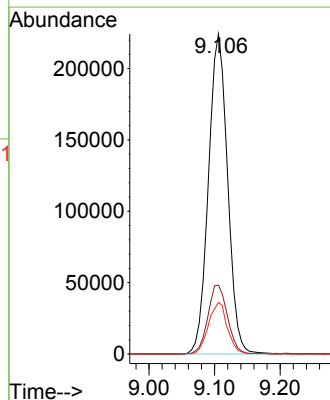
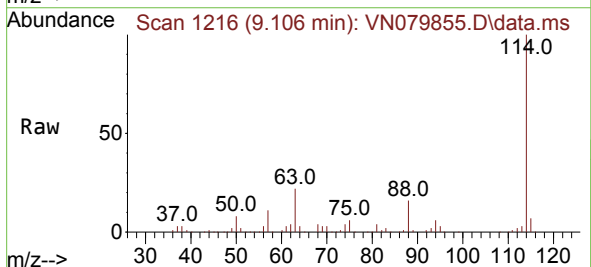
Tgt Ion: 114 Resp: 454927

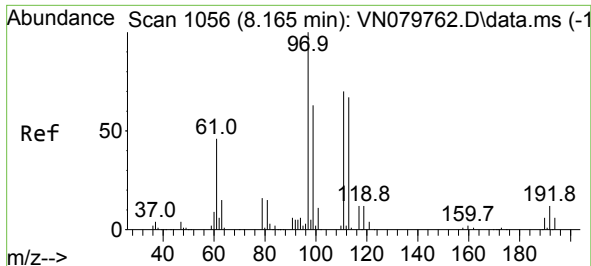
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.066 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN079855.D

Acq: 03 Nov 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

TB-102723

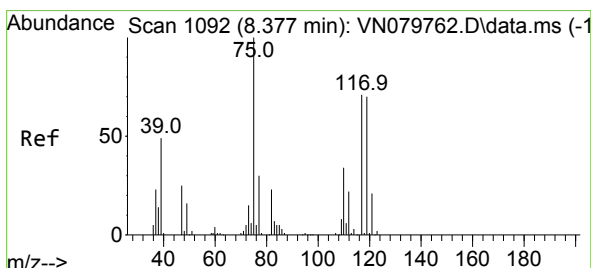
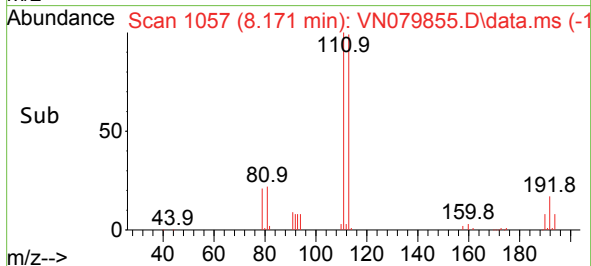
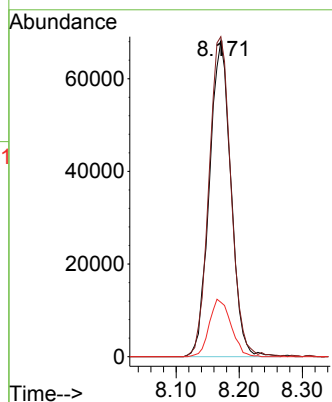
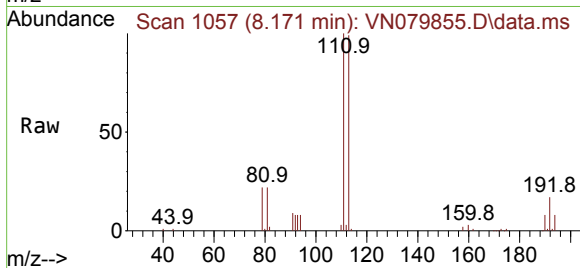
Tgt Ion:113 Resp: 161203

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 18.3 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.408 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN079855.D

Acq: 03 Nov 2023 17:39

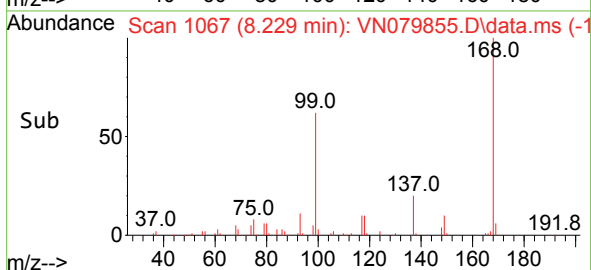
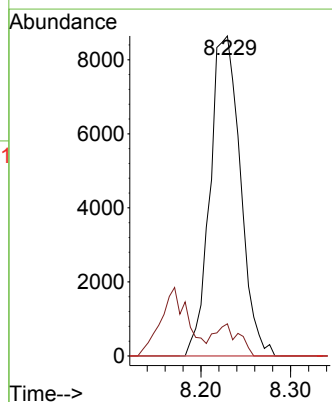
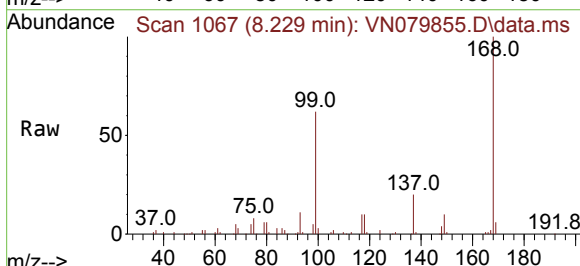
Tgt Ion: 75 Resp: 20266

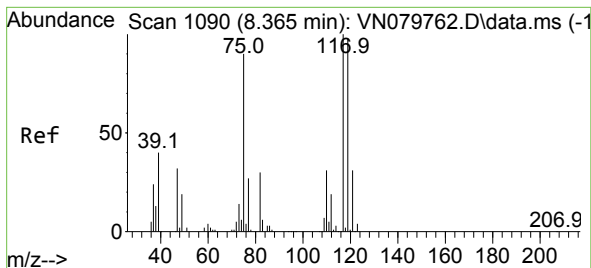
Ion Ratio Lower Upper

75 100

110 8.1 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.297 ug/l

RT: 8.229 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN079855.D

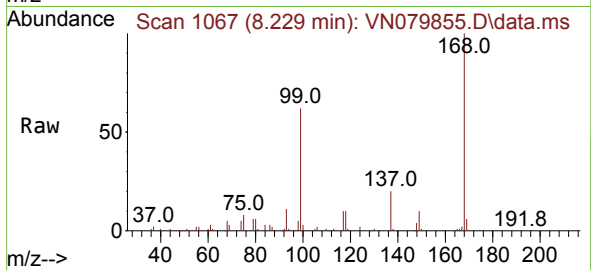
Acq: 03 Nov 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

TB-102723



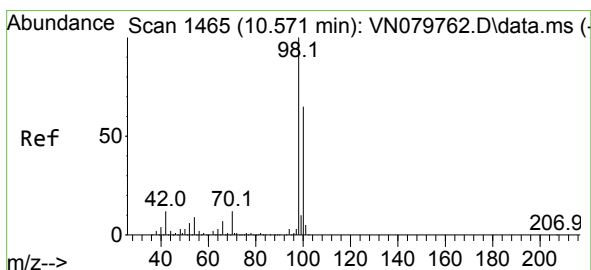
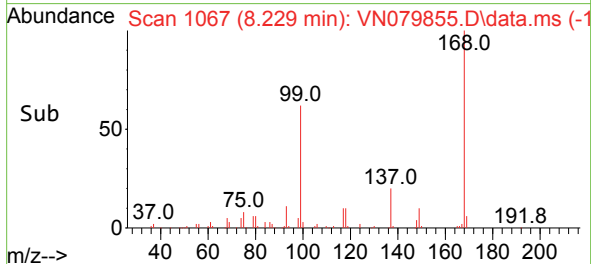
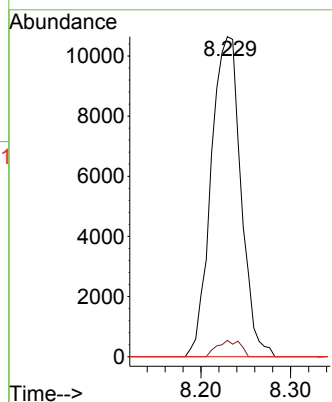
Tgt Ion:117 Resp: 24541

Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 47.461 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079855.D

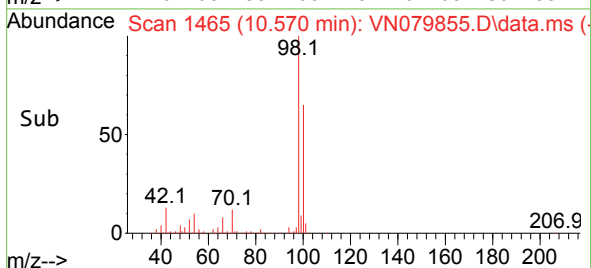
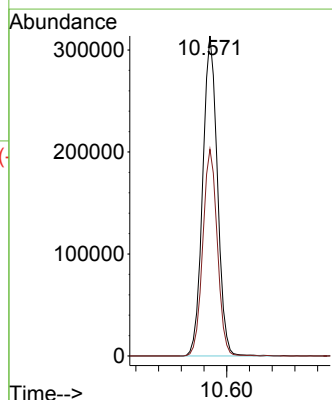
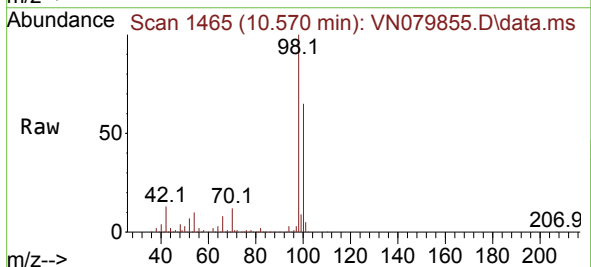
Acq: 03 Nov 2023 17:39

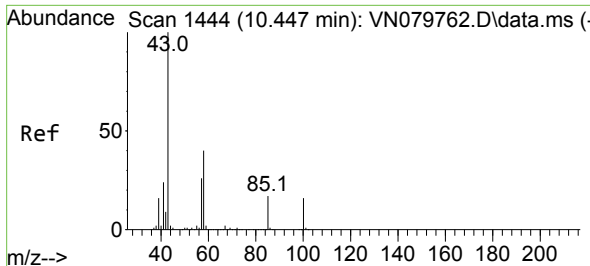
Tgt Ion: 98 Resp: 562562

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.624 ug/l

RT: 10.570 min Scan# 1444

Delta R.T. 0.124 min

Lab File: VN079855.D

Acq: 03 Nov 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

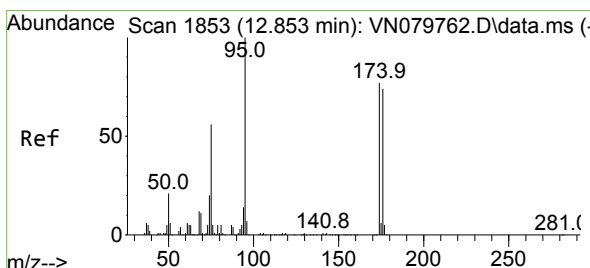
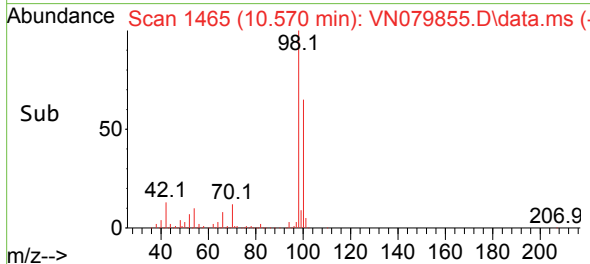
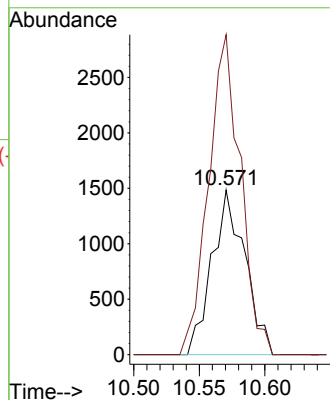
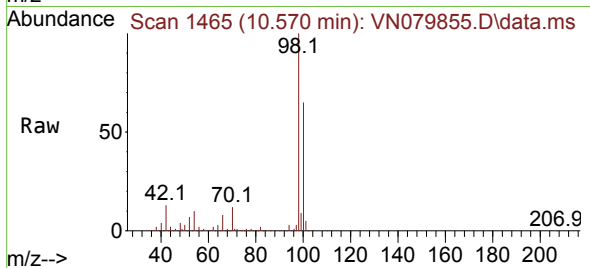
TB-102723

Tgt Ion: 43 Resp: 2599

Ion Ratio Lower Upper

43 100

58 188.1 36.6 54.8#



#62

4-Bromofluorobenzene

Concen: 47.788 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079855.D

Acq: 03 Nov 2023 17:39

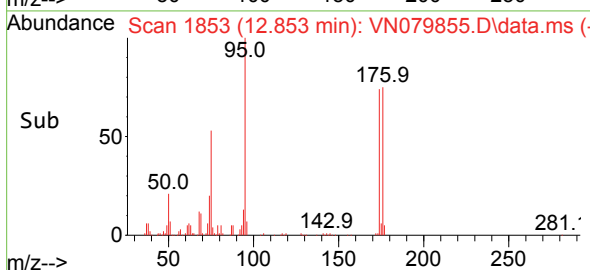
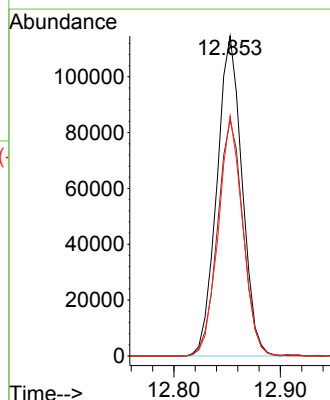
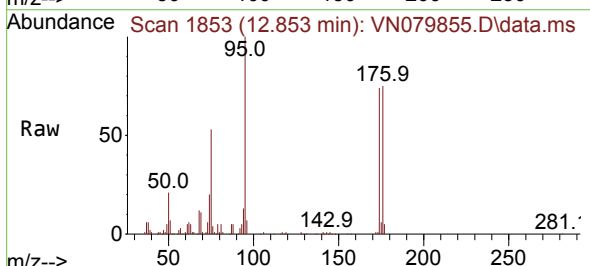
Tgt Ion: 95 Resp: 187860

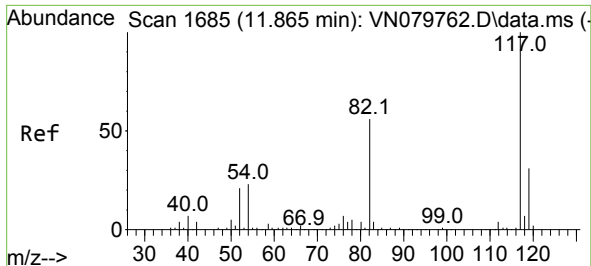
Ion Ratio Lower Upper

95 100

174 74.7 0.0 143.8

176 72.3 0.0 135.8

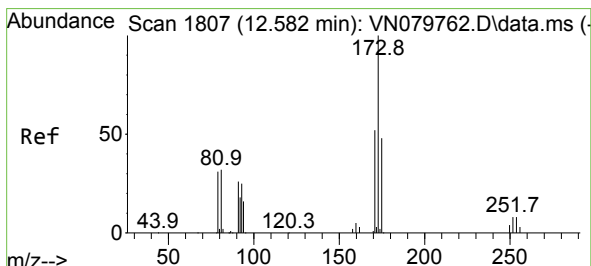
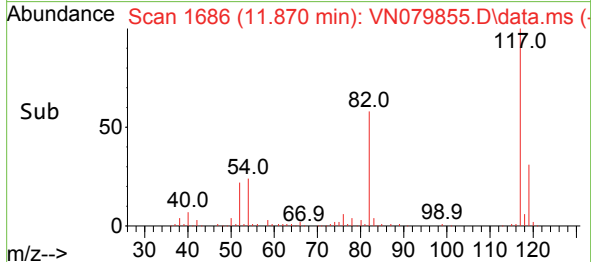
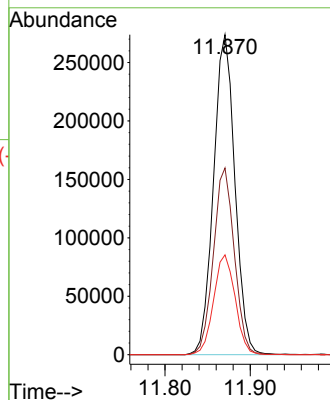
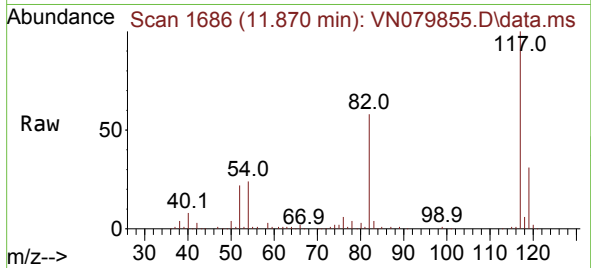




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079855.D
Acq: 03 Nov 2023 17:39

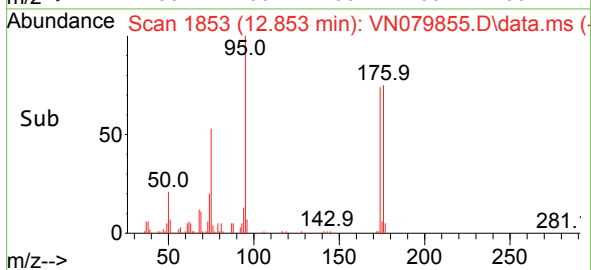
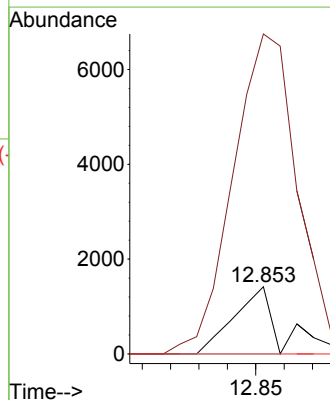
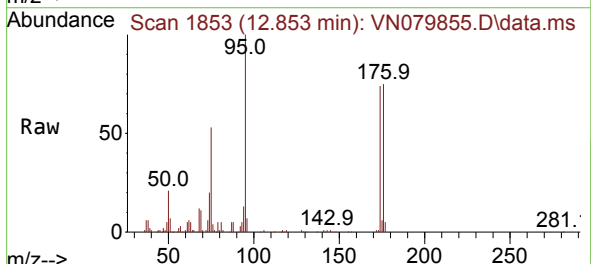
Instrument :
MSVOA_N
ClientSampleId :
TB-102723

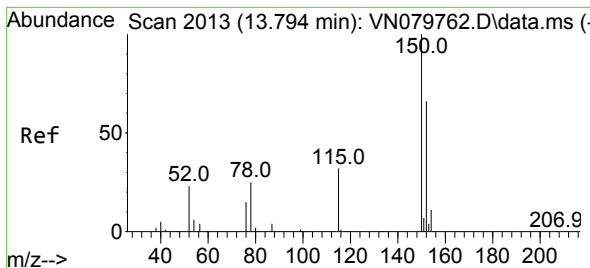
Tgt Ion:117 Resp: 477353
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 31.2 25.6 38.4



#71
Bromoform
Concen: 0.469 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079855.D
Acq: 03 Nov 2023 17:39

Tgt Ion:173 Resp: 1243
Ion Ratio Lower Upper
173 100
175 685.0 24.3 73.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079855.D

Acq: 03 Nov 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

TB-102723

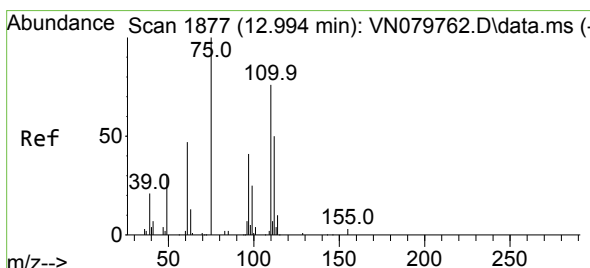
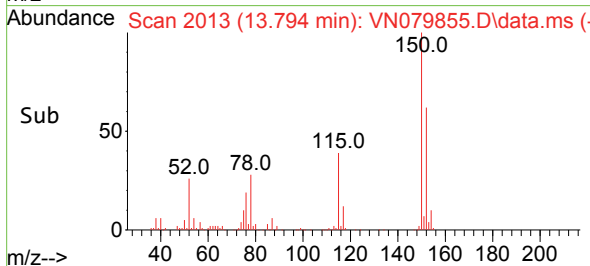
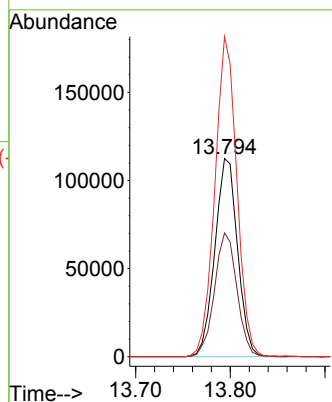
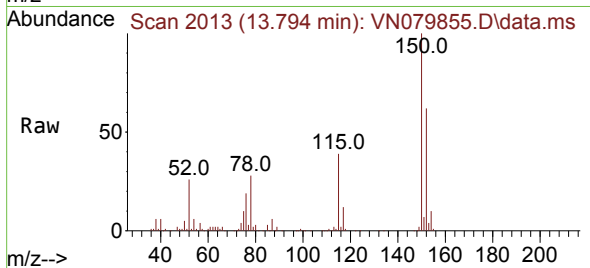
Tgt Ion:152 Resp: 187556

Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

150 155.9 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 23.369 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079855.D

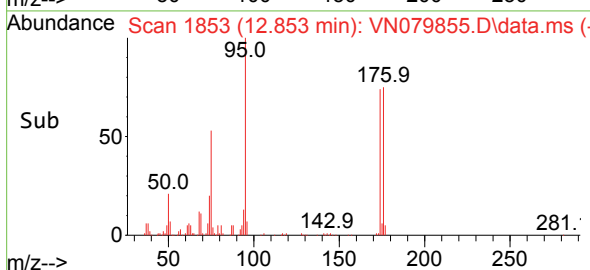
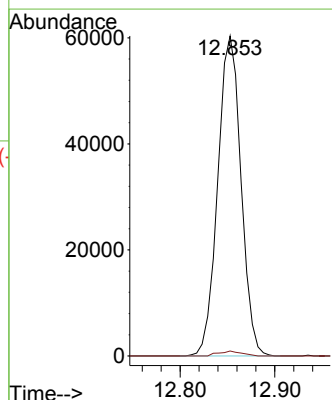
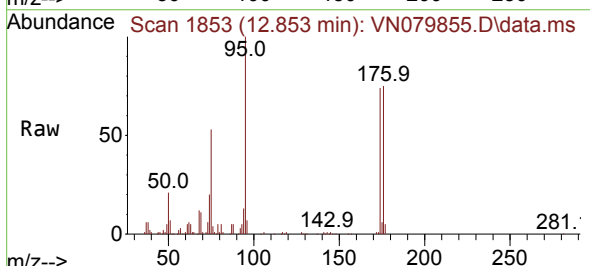
Acq: 03 Nov 2023 17:39

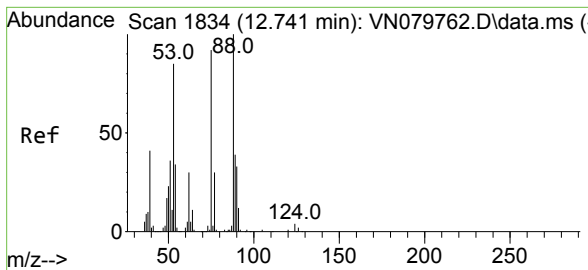
Tgt Ion: 75 Resp: 102902

Ion Ratio Lower Upper

75 100

77 1.5 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.583 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079855.D
 Acq: 03 Nov 2023 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-102723

Tgt Ion: 75 Resp: 102902
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.4 101.2#
 89 0.0 38.8 58.2#

