

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079025.D
 Acq On : 24 Aug 2023 12:11
 Operator : JC\MD
 Sample : VN0824MBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 01:11:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

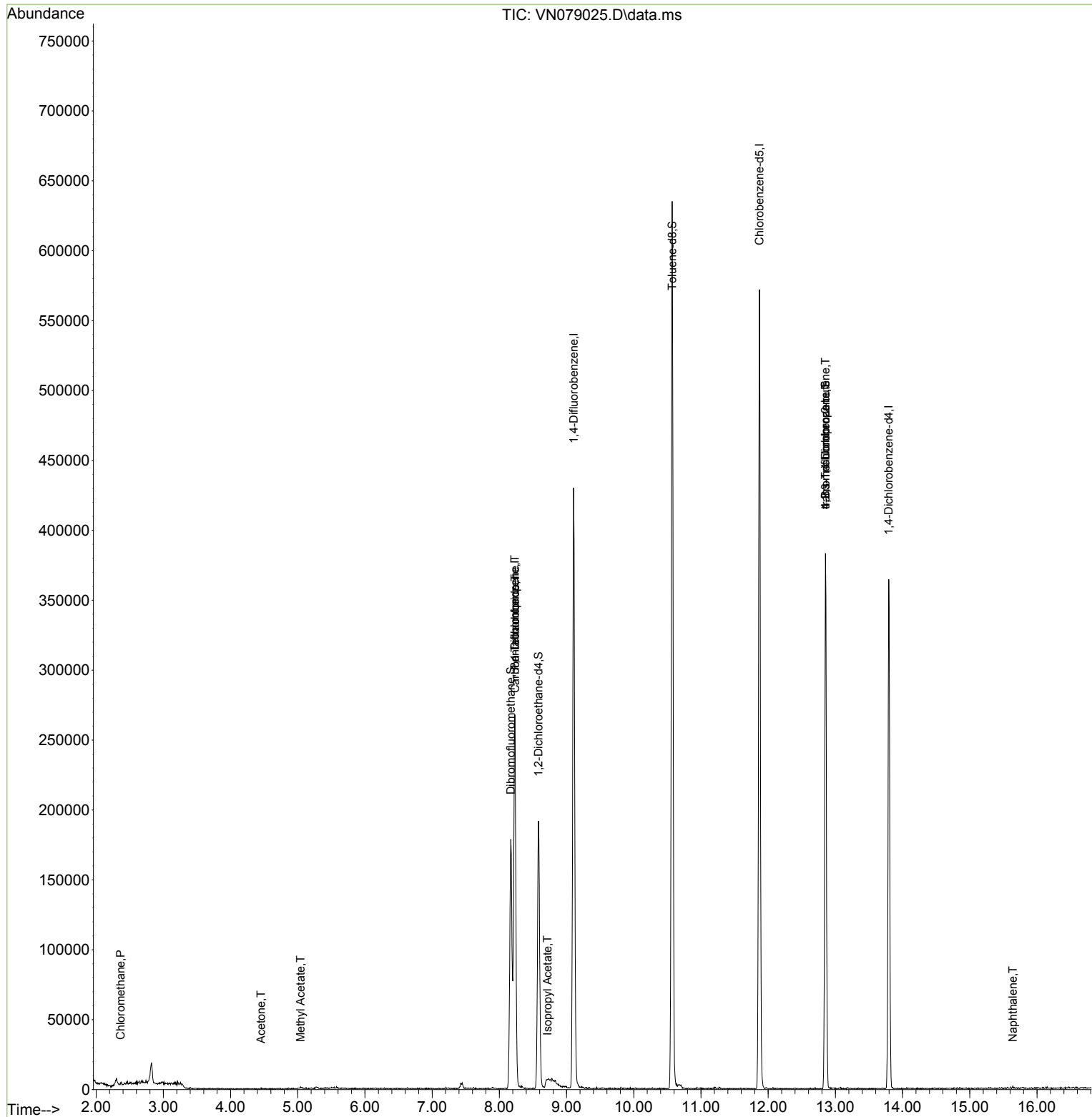
Internal Standards						
1) Pentafluorobenzene	8.230	168	190062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	353998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	317243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	150898	51.022	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.040%			
35) Dibromofluoromethane	8.171	113	121665	51.057	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.120%			
50) Toluene-d8	10.571	98	423931	47.913	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.820%			
62) 4-Bromofluorobenzene	12.853	95	121995	42.183	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.360%			
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	821	0.223	ug/l #	87
16) Acetone	4.453	43	576	0.472	ug/l #	40
18) Methyl Acetate	5.042	43	1266	0.246	ug/l #	64
31) Cyclohexane	8.235	56	4872	Below Cal	#	35
36) 1,1-Dichloropropene	8.230	75	17475	4.875	ug/l #	51
38) Carbon Tetrachloride	8.235	117	18612	5.182	ug/l #	16
43) Isopropyl Acetate	8.718	43	5002	0.706	ug/l #	49
76) 1,2,3-Trichloropropane	12.853	75	68361	30.955	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68361	79.078	ug/l #	15
95) Naphthalene	15.641	128	614	2.712	ug/l #	70

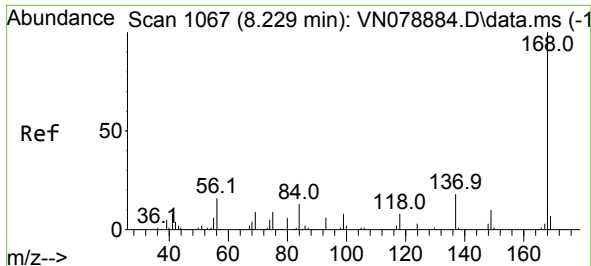
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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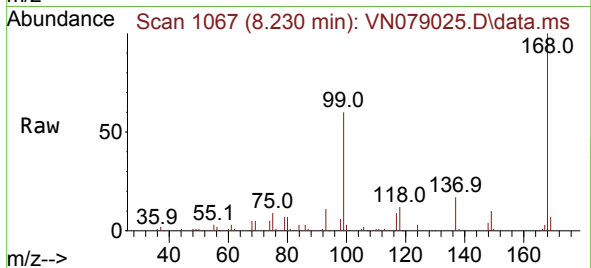
Quant Time: Aug 25 01:11:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
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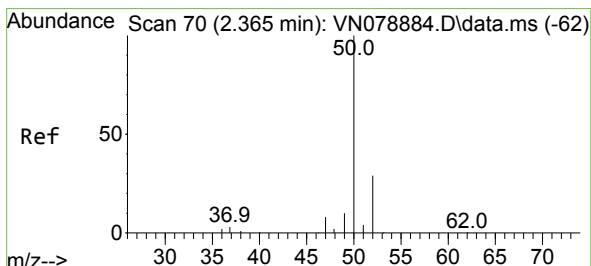
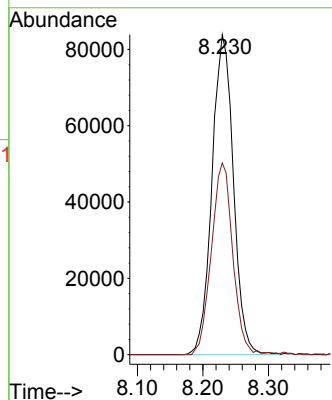
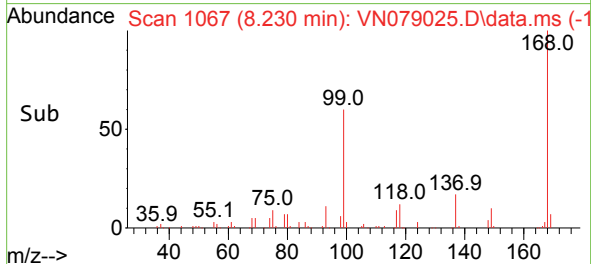


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079025.D
Acq: 24 Aug 2023 12:11

Instrument :
MSVOA_N
ClientSampleId :

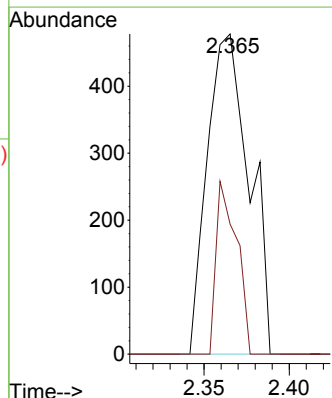
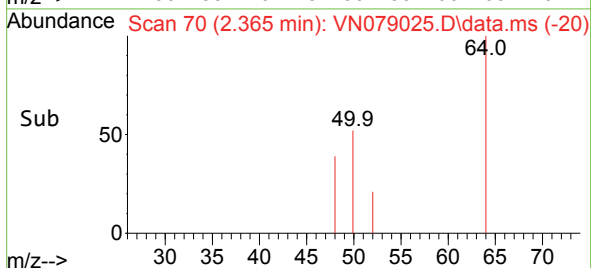
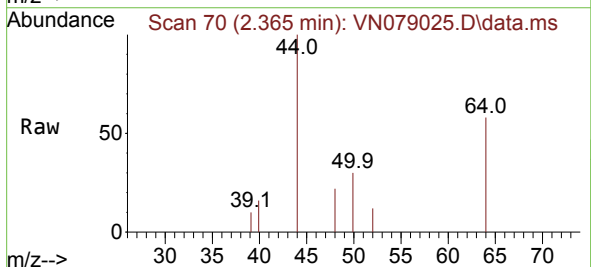


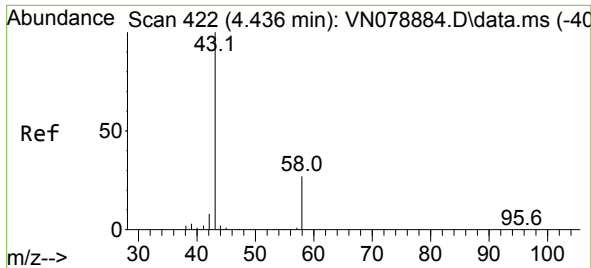
Tgt Ion:168 Resp: 190062
Ion Ratio Lower Upper
168 100
99 59.9 53.0 79.6



#3
Chloromethane
Concen: 0.223 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079025.D
Acq: 24 Aug 2023 12:11

Tgt Ion: 50 Resp: 821
Ion Ratio Lower Upper
50 100
52 40.6 26.5 39.7#





#16

Acetone

Concen: 0.472 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.011 min

Lab File: VN079025.D

Acq: 24 Aug 2023 12:11

Instrument :

MSVOA_N

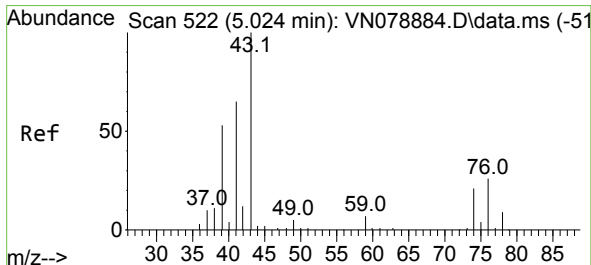
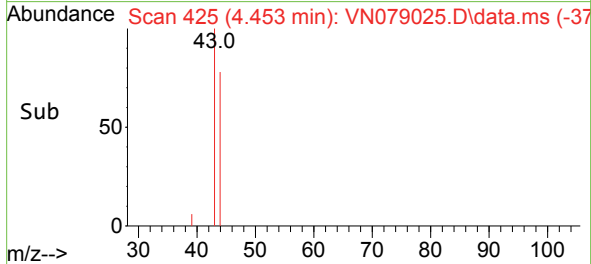
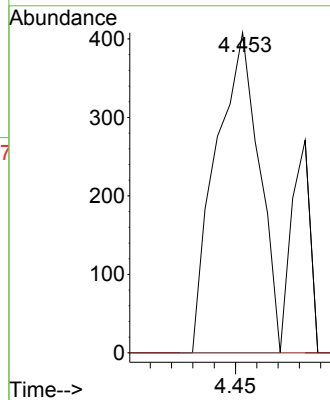
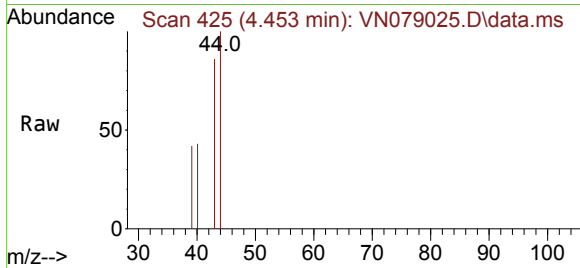
ClientSampleId :

Tgt Ion: 43 Resp: 576

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#18

Methyl Acetate

Concen: 0.246 ug/l

RT: 5.042 min Scan# 525

Delta R.T. -0.000 min

Lab File: VN079025.D

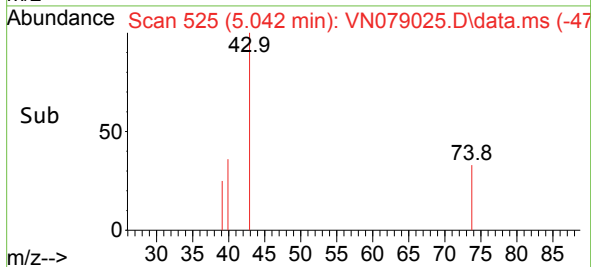
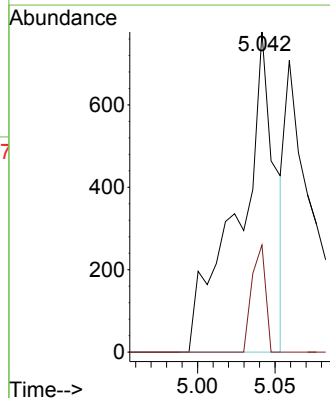
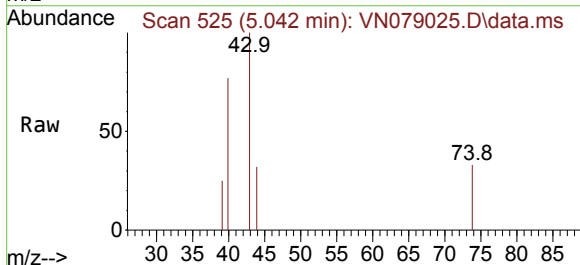
Acq: 24 Aug 2023 12:11

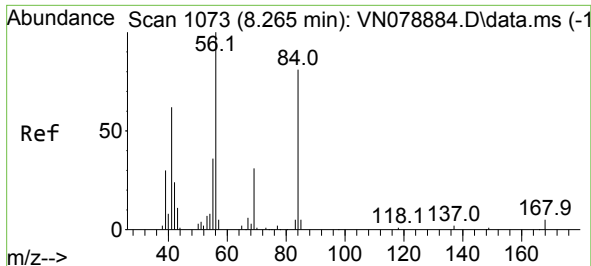
Tgt Ion: 43 Resp: 1266

Ion Ratio Lower Upper

43 100

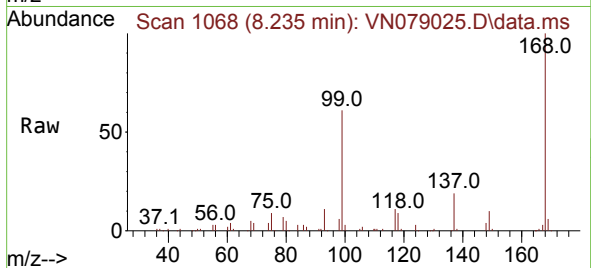
74 12.6 26.2 39.4#



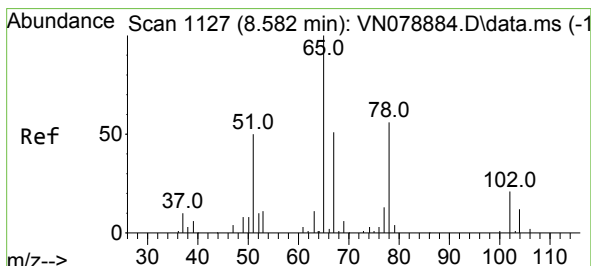
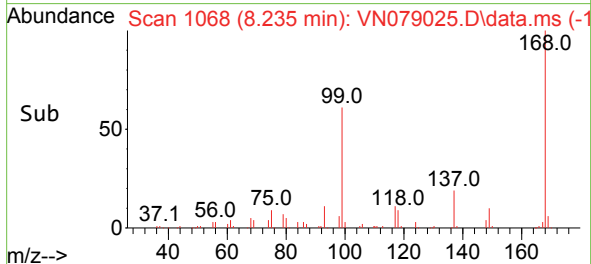
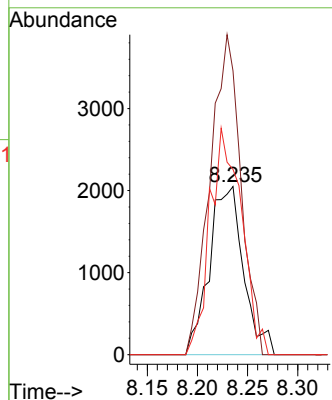


#31
Cyclohexane
Concen: Below Cal
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN079025.D
Acq: 24 Aug 2023 12:11

Instrument :
MSVOA_N
ClientSampleId :

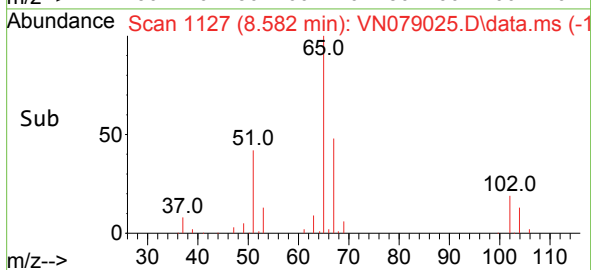
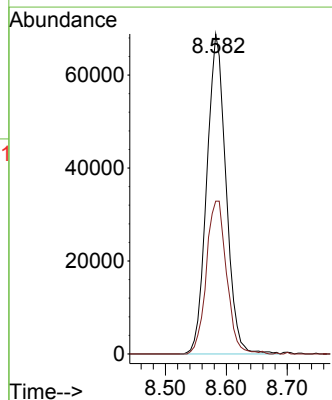
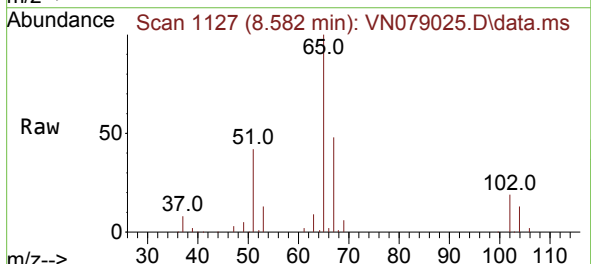


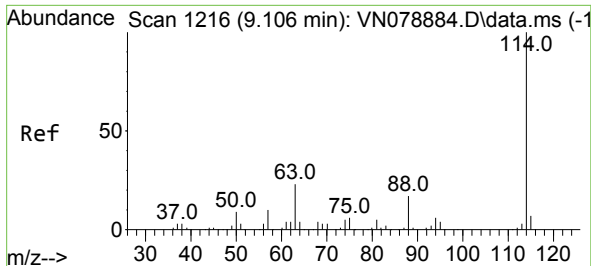
Tgt Ion: 56 Resp: 4872
Ion Ratio Lower Upper
56 100
69 168.7 26.8 40.2#
84 110.1 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 51.022 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079025.D
Acq: 24 Aug 2023 12:11

Tgt Ion: 65 Resp: 150898
Ion Ratio Lower Upper
65 100
67 50.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079025.D

Acq: 24 Aug 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

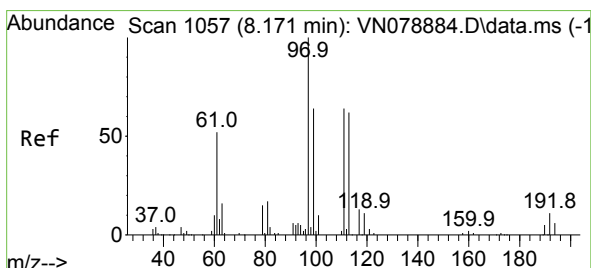
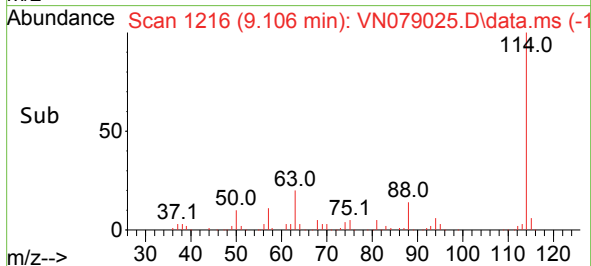
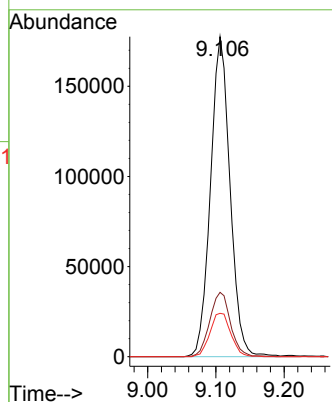
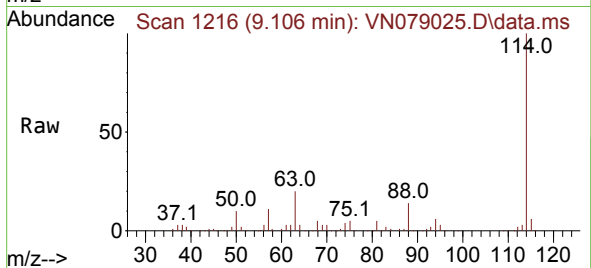
Tgt Ion:114 Resp: 353998

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 13.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.057 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079025.D

Acq: 24 Aug 2023 12:11

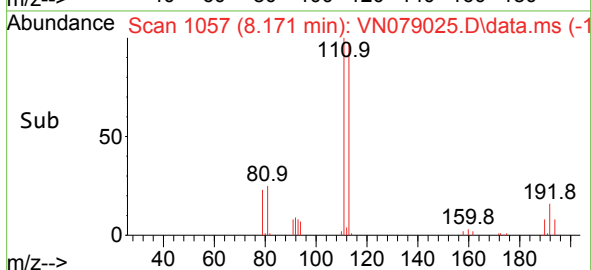
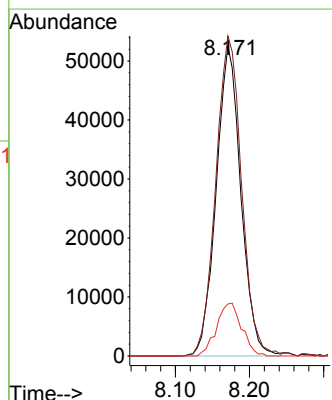
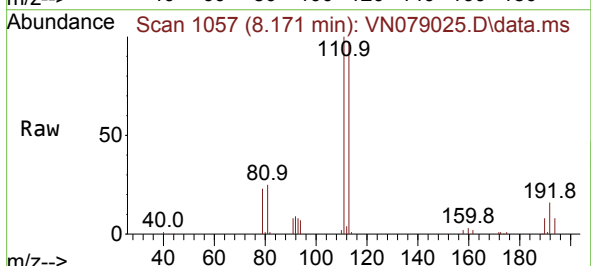
Tgt Ion:113 Resp: 121665

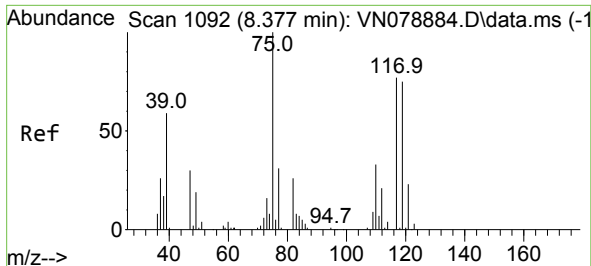
Ion Ratio Lower Upper

113 100

111 107.8 82.6 123.8

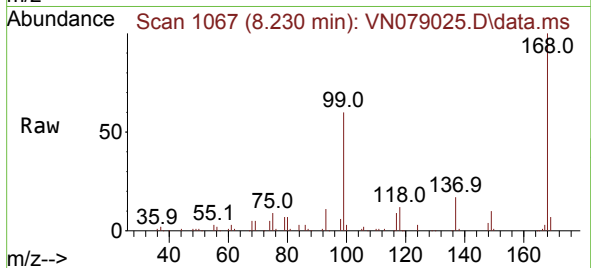
192 17.3 12.7 19.1



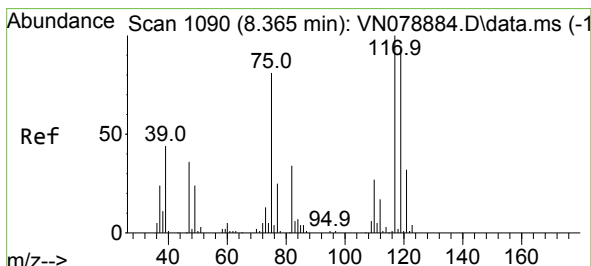
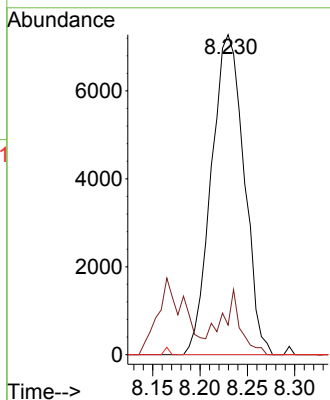
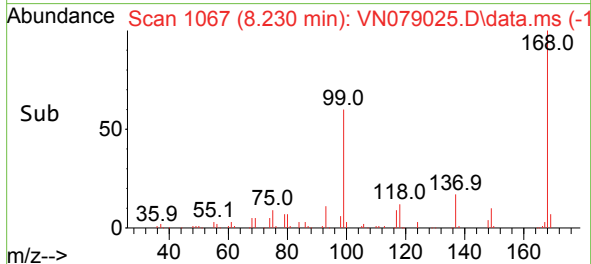


#36
 1,1-Dichloropropene
 Concen: 4.875 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.147 min
 Lab File: VN079025.D
 Acq: 24 Aug 2023 12:11

Instrument :
 MSVOA_N
 ClientSampleId :

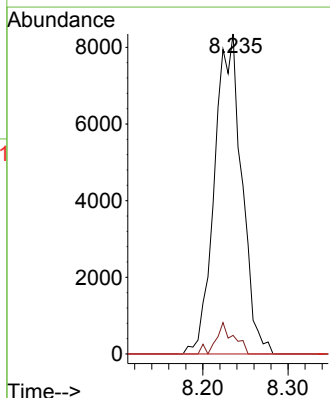
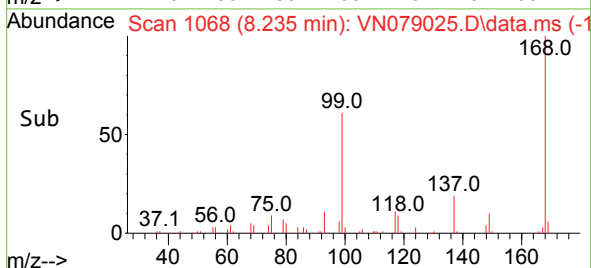
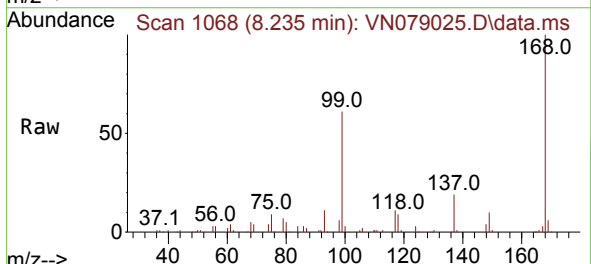


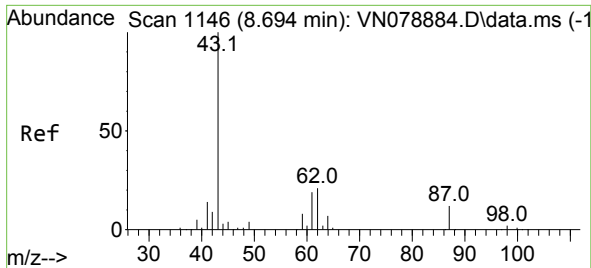
Tgt Ion: 75 Resp: 17475
 Ion Ratio Lower Upper
 75 100
 110 12.0 19.1 57.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.182 ug/l
 RT: 8.235 min Scan# 1068
 Delta R.T. -0.136 min
 Lab File: VN079025.D
 Acq: 24 Aug 2023 12:11

Tgt Ion: 117 Resp: 18612
 Ion Ratio Lower Upper
 117 100
 119 5.8 77.3 115.9#
 121 0.0 23.3 34.9#

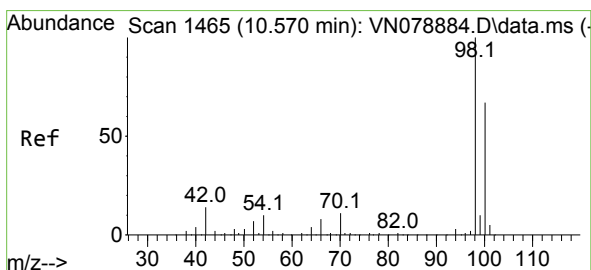
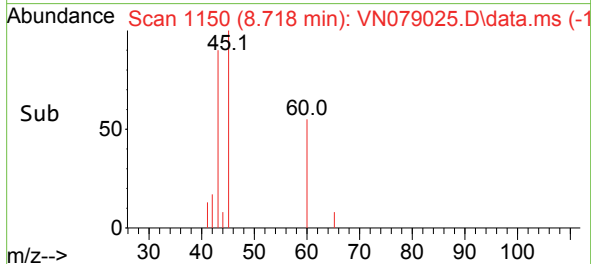
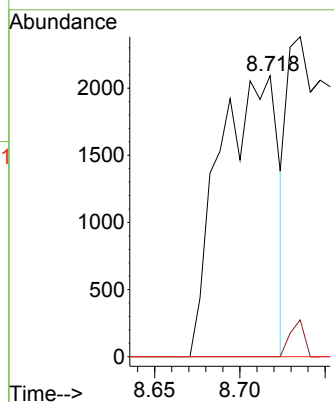
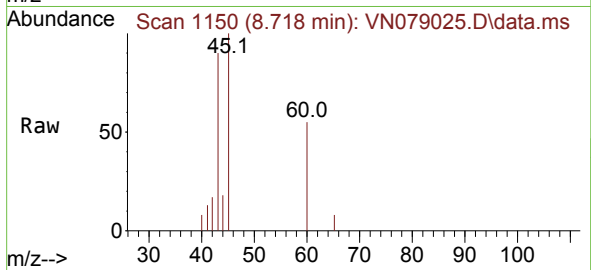




#43
Isopropyl Acetate
Concen: 0.706 ug/l
RT: 8.718 min Scan# 1146
Delta R.T. 0.024 min
Lab File: VN079025.D
Acq: 24 Aug 2023 12:11

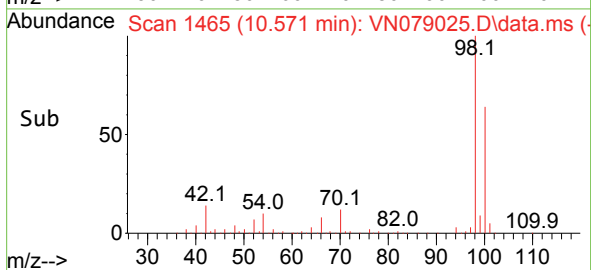
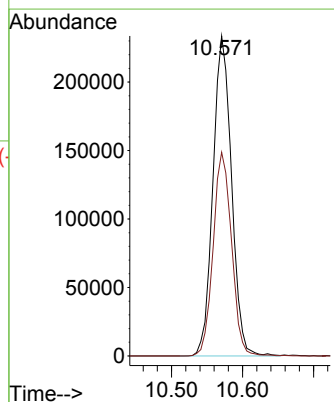
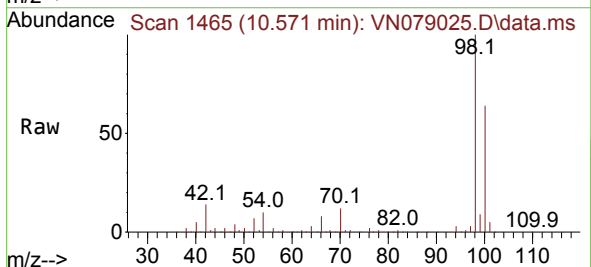
Instrument :
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ClientSampleId :

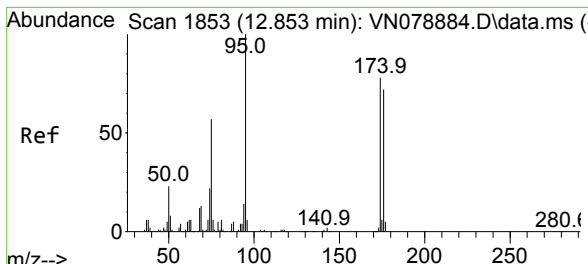
Tgt Ion: 43 Resp: 5002
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 47.913 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079025.D
Acq: 24 Aug 2023 12:11

Tgt Ion: 98 Resp: 423931
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0

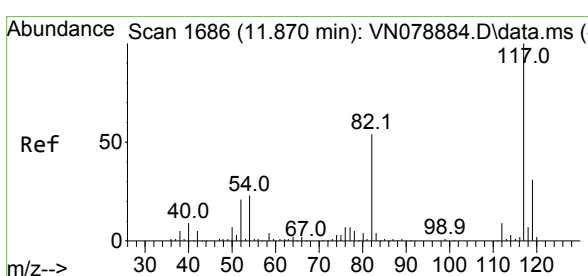
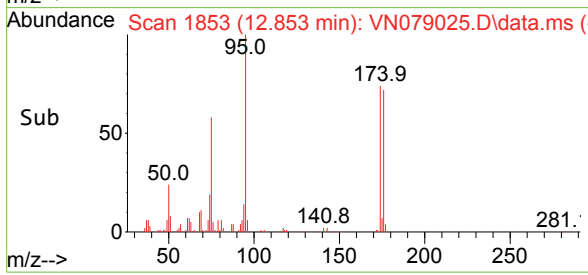
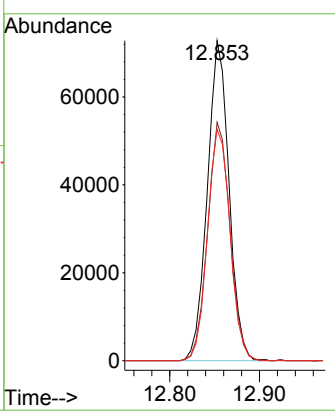
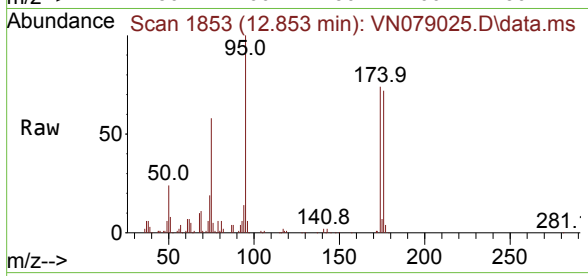




#62
 4-Bromofluorobenzene
 Concen: 42.183 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN079025.D
 Acq: 24 Aug 2023 12:11

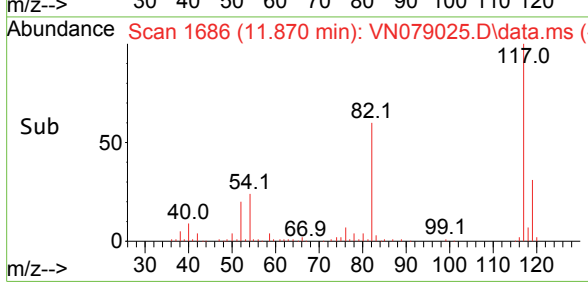
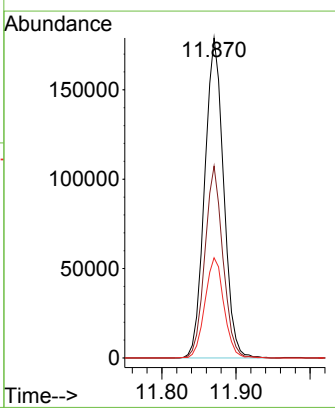
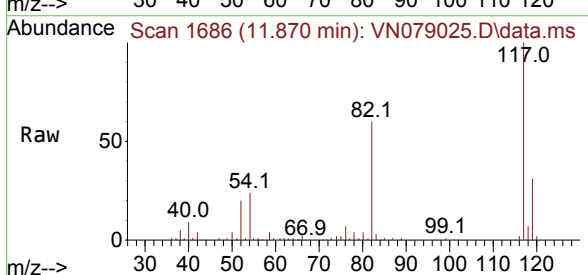
Instrument :
 MSVOA_N
 ClientSampleId :

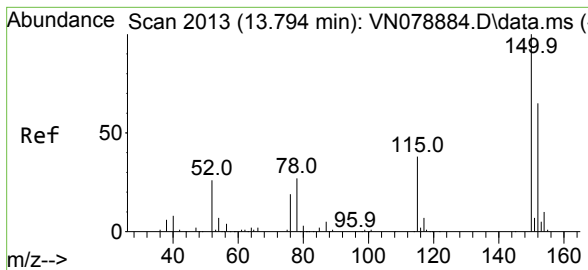
Tgt Ion:	95	Resp:	121995
Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	143.8
176	75.2	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.001 min
 Lab File: VN079025.D
 Acq: 24 Aug 2023 12:11

Tgt Ion:	117	Resp:	317243
Ion	Ratio	Lower	Upper
117	100		
82	60.0	44.0	66.0
119	31.3	25.6	38.4

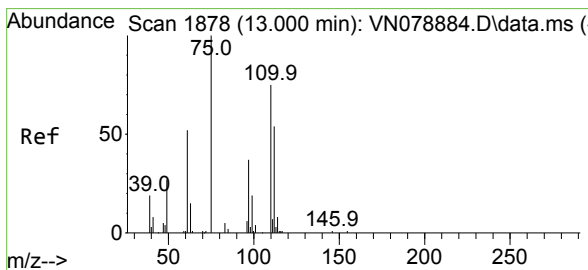
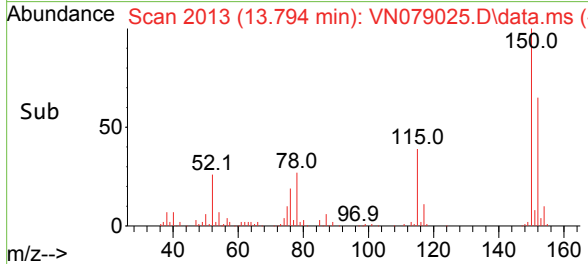
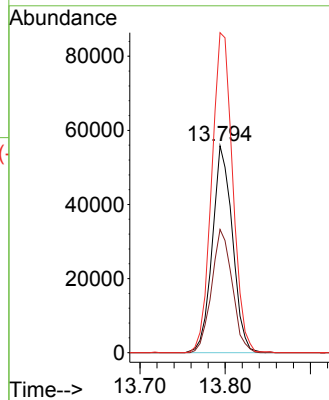
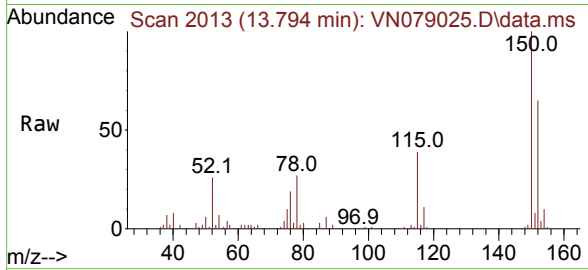




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079025.D
 Acq: 24 Aug 2023 12:11

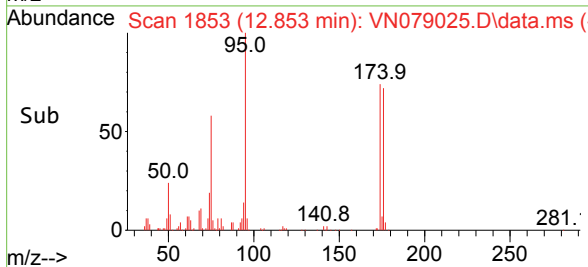
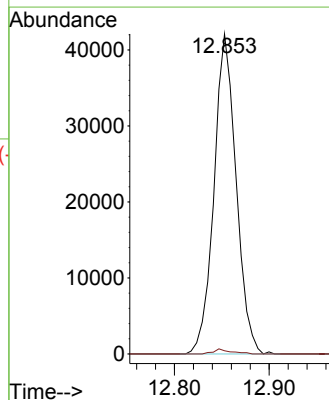
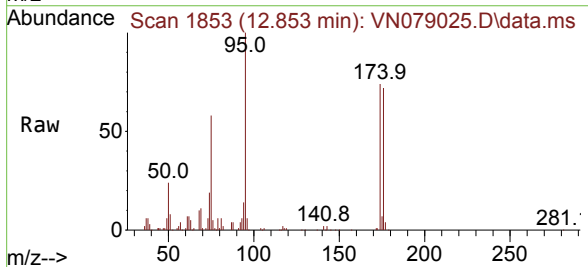
Instrument :
 MSVOA_N
 ClientSampleId :

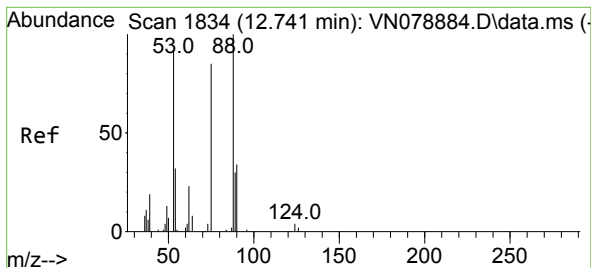
Tgt Ion:152 Resp: 91652
 Ion Ratio Lower Upper
 152 100
 115 60.9 32.3 96.8
 150 161.2 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 30.955 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN079025.D
 Acq: 24 Aug 2023 12:11

Tgt Ion: 75 Resp: 68361
 Ion Ratio Lower Upper
 75 100
 77 1.2 84.5 253.5#

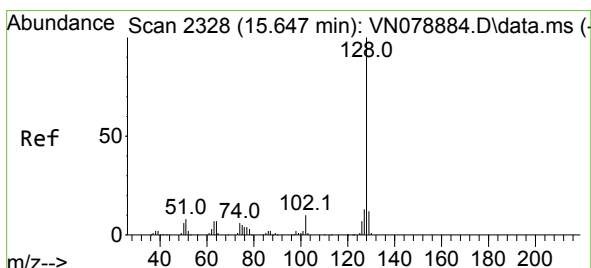
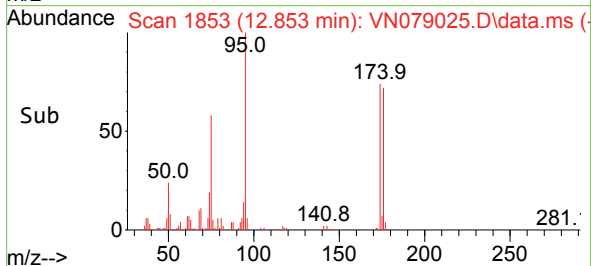
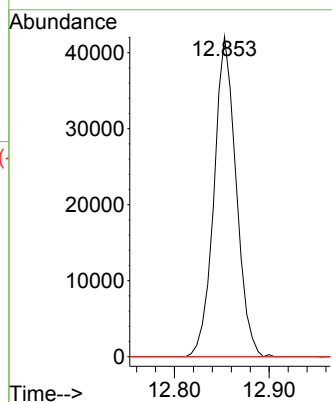
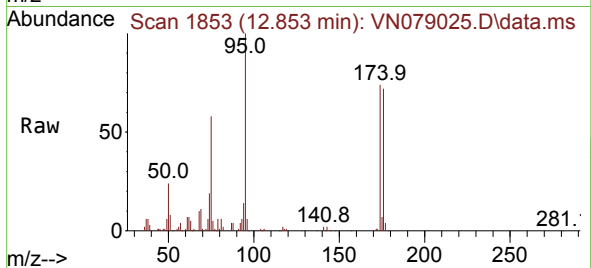




#81
trans-1,4-Dichloro-2-butene
Concen: 79.078 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079025.D
Acq: 24 Aug 2023 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 68361
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 2.712 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN079025.D
Acq: 24 Aug 2023 12:11

Tgt Ion:128 Resp: 614
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.7 13.1#

