

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079557.D
 Acq On : 12 Oct 2023 19:59
 Operator : JC\MD
 Sample : 04880-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 13 01:26:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

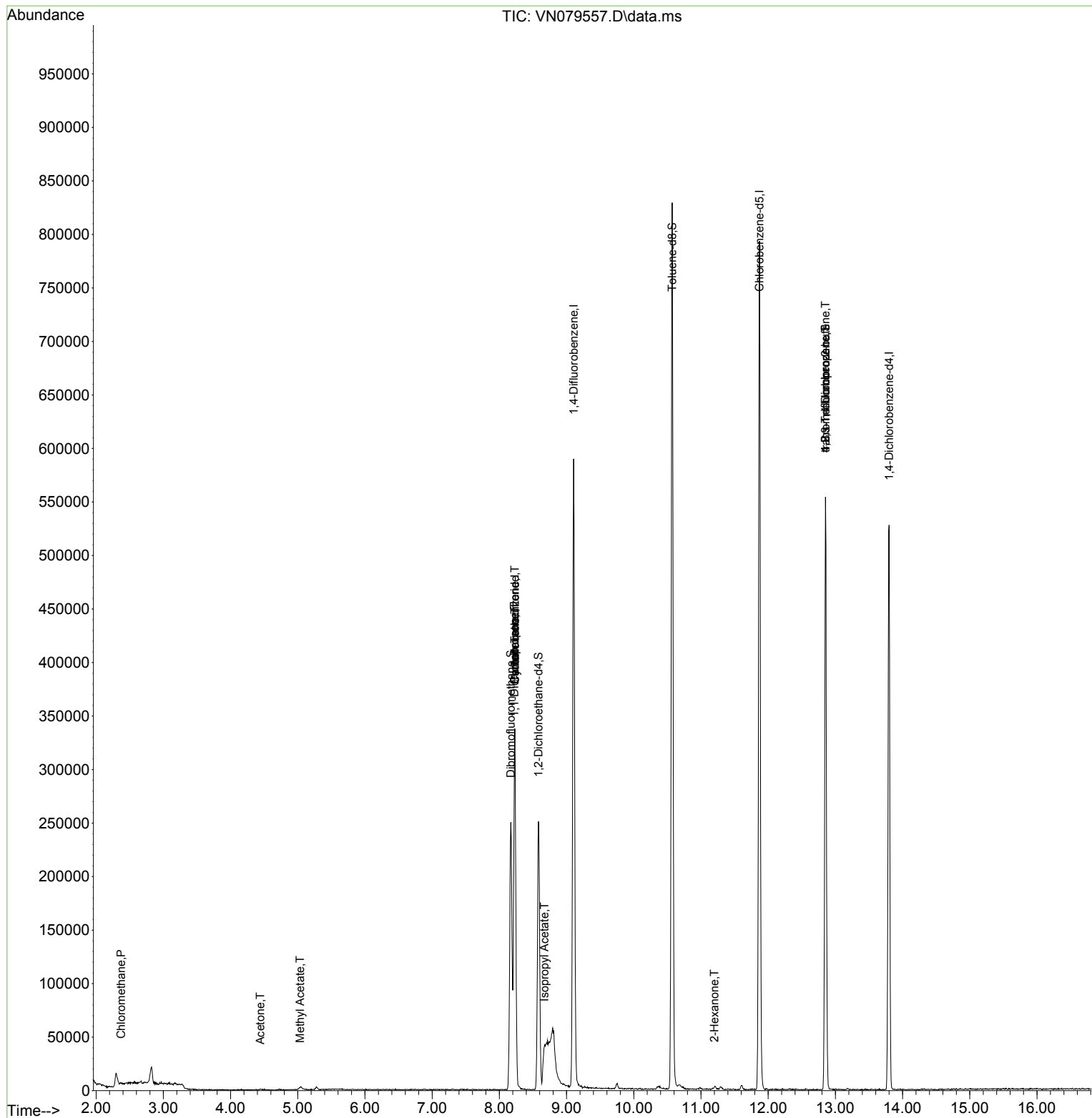
Internal Standards						
1) Pentafluorobenzene	8.230	168	229898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	478998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	447359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	142531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	205338	55.086	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.180%
35) Dibromofluoromethane	8.171	113	179581	52.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.340%
50) Toluene-d8	10.571	98	557568	44.766	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.540%
62) 4-Bromofluorobenzene	12.853	95	182872	45.751	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.500%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1011	0.246	ug/l #	42
16) Acetone	4.442	43	495	0.335	ug/l #	40
18) Methyl Acetate	5.036	43	5374	0.743	ug/l #	60
20) Methylene Chloride	5.283	84	1202	Below Cal	#	82
31) Cyclohexane	8.230	56	6140	1.161	ug/l #	38
36) 1,1-Dichloropropene	8.224	75	21236	4.110	ug/l #	48
38) Carbon Tetrachloride	8.230	117	24474	4.732	ug/l #	18
43) Isopropyl Acetate	8.671	43	32383	3.596	ug/l #	53
59) 2-Hexanone	11.200	43	1376	0.375	ug/l #	19
75) 1,1,2,2-Tetrachloroethane	12.865	83	270	Below Cal	#	13
76) 1,2,3-Trichloropropane	12.853	75	104161	25.346	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	104161	73.543	ug/l #	15

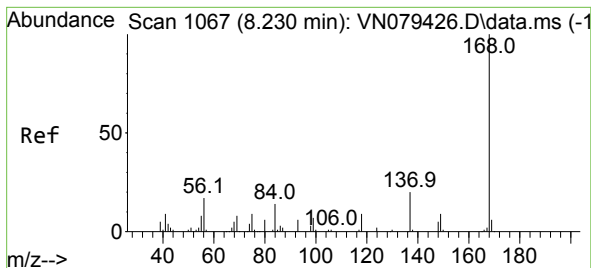
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 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: VN079557.D

Acq: 12 Oct 2023 19:59

Instrument :

MSVOA_N

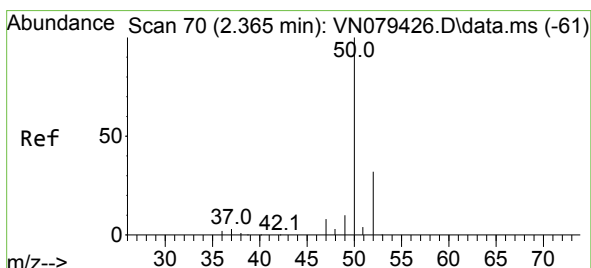
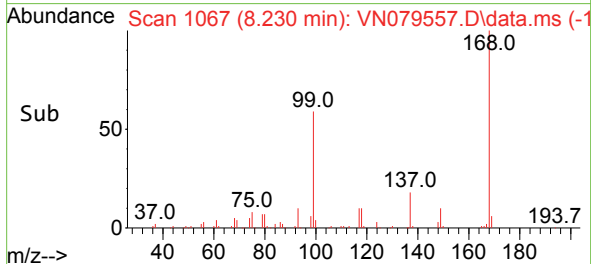
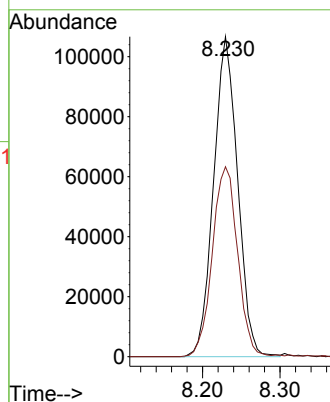
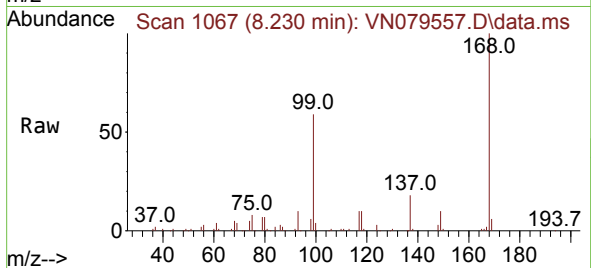
ClientSampleId :

Tgt Ion:168 Resp: 229898

Ion Ratio Lower Upper

168 100

99 59.4 53.0 79.6



#3

Chloromethane

Concen: 0.246 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN079557.D

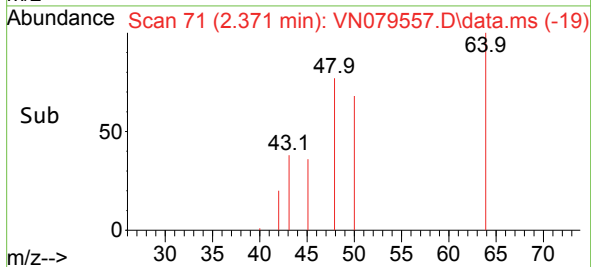
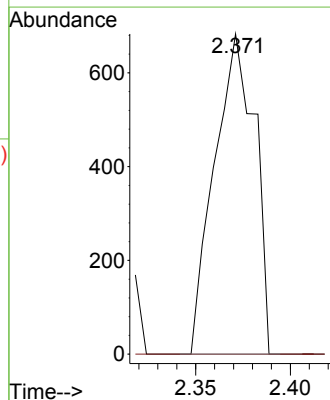
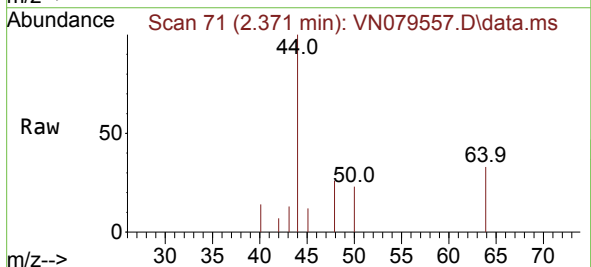
Acq: 12 Oct 2023 19:59

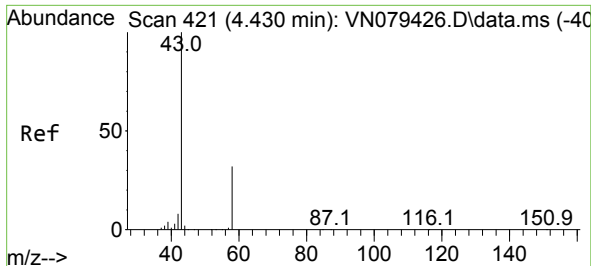
Tgt Ion: 50 Resp: 1011

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#





#16

Acetone

Concen: 0.335 ug/l

RT: 4.442 min Scan# 43

Delta R.T. 0.012 min

Lab File: VN079557.D

Acq: 12 Oct 2023 19:59

Instrument :

MSVOA_N

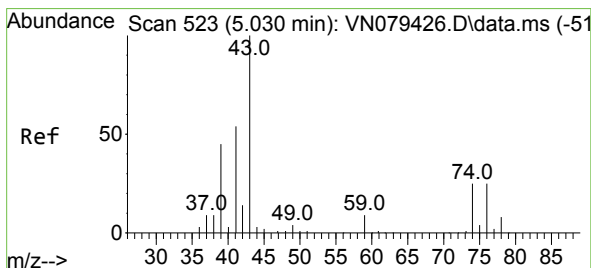
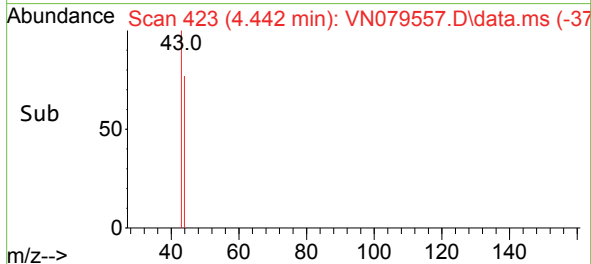
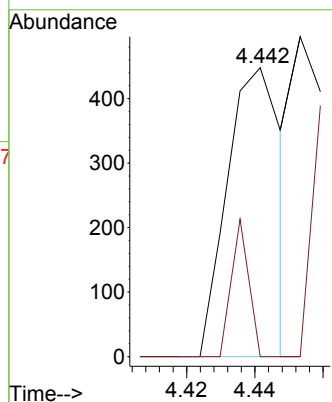
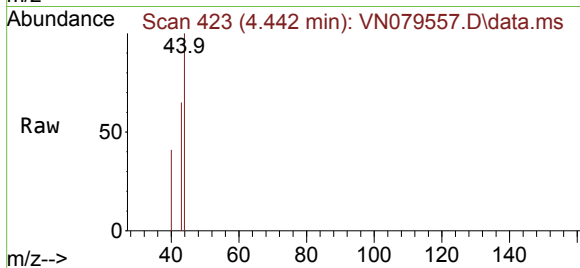
ClientSampleId :

Tgt Ion: 43 Resp: 495

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#18

Methyl Acetate

Concen: 0.743 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.006 min

Lab File: VN079557.D

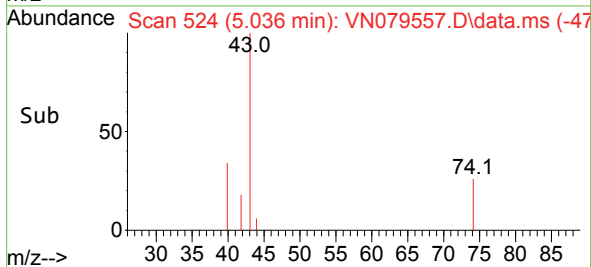
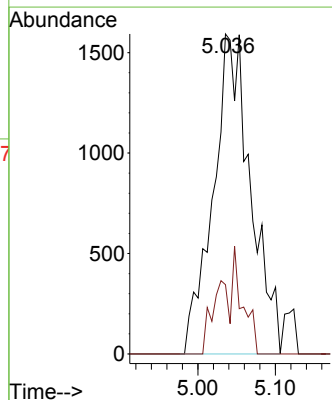
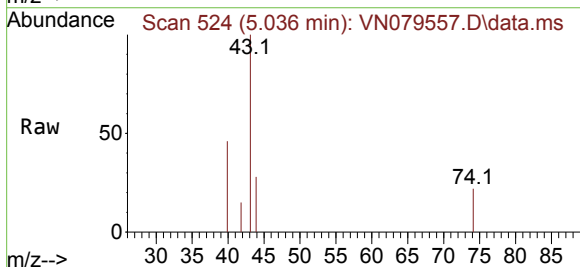
Acq: 12 Oct 2023 19:59

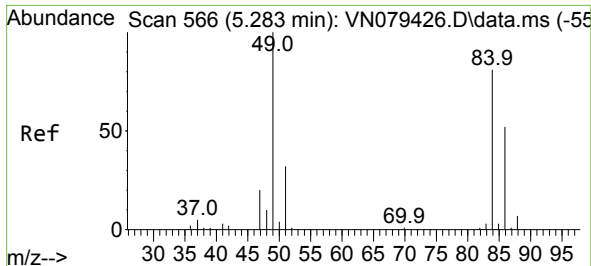
Tgt Ion: 43 Resp: 5374

Ion Ratio Lower Upper

43 100

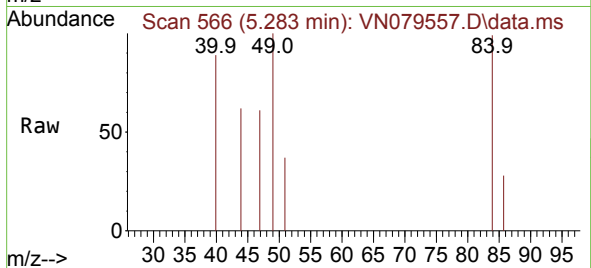
74 10.2 26.2 39.4#





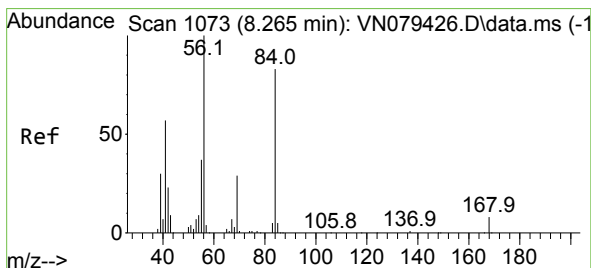
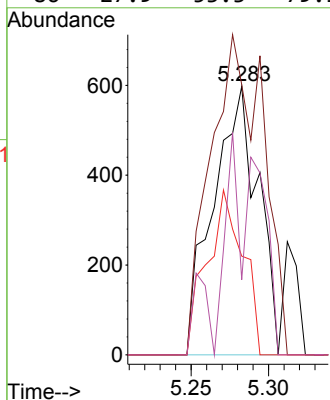
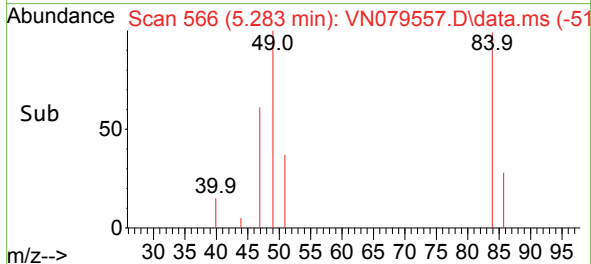
#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079557.D
Acq: 12 Oct 2023 19:59

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1202

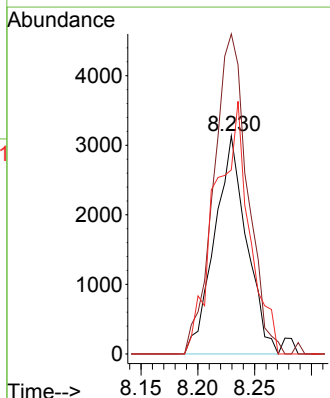
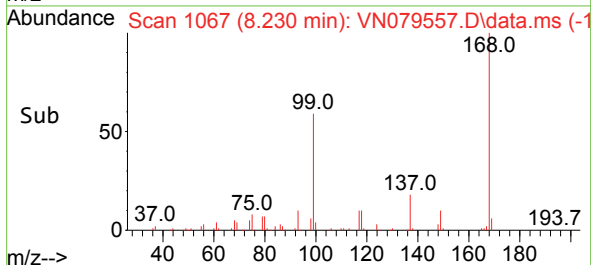
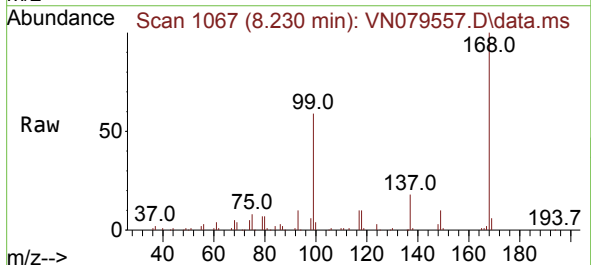
Ion	Ratio	Lower	Upper
84	100		
49	100.7	79.7	119.5
51	36.8	25.2	37.8
86	27.9	53.3	79.9#

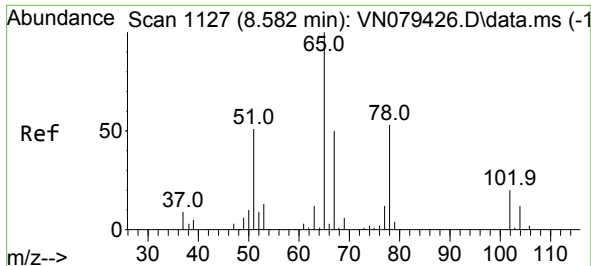


#31
Cyclohexane
Concen: 1.161 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079557.D
Acq: 12 Oct 2023 19:59

Tgt Ion: 56 Resp: 6140

Ion	Ratio	Lower	Upper
56	100		
69	146.8	26.8	40.2#
84	84.5	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 55.086 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079557.D

Acq: 12 Oct 2023 19:59

Instrument :

MSVOA_N

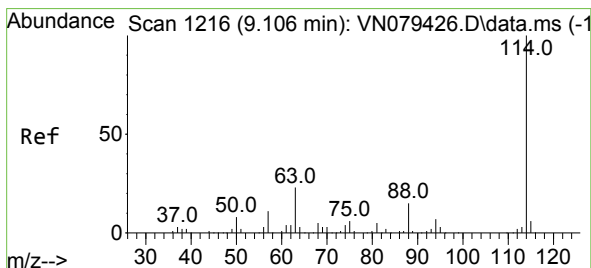
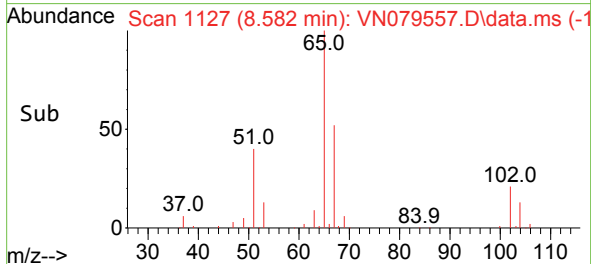
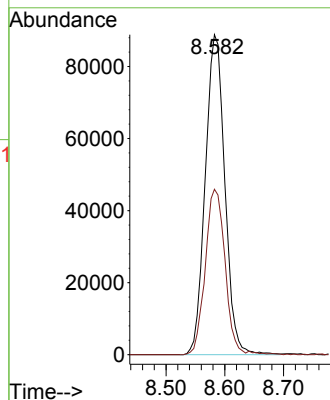
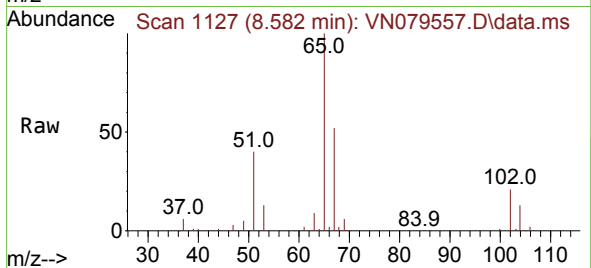
ClientSampleId :

Tgt Ion: 65 Resp: 205338

Ion Ratio Lower Upper

65 100

67 52.4 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: VN079557.D

Acq: 12 Oct 2023 19:59

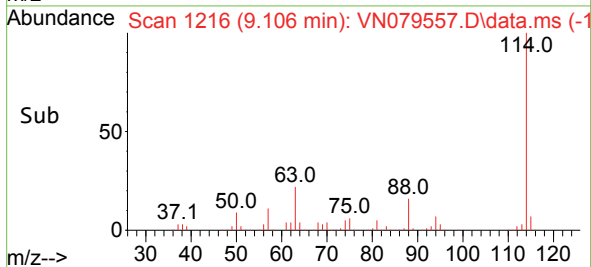
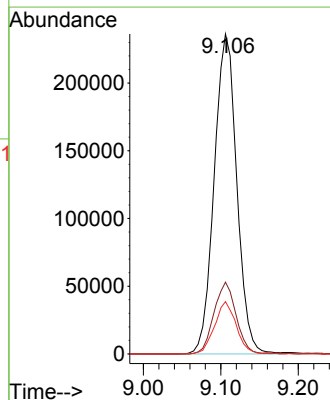
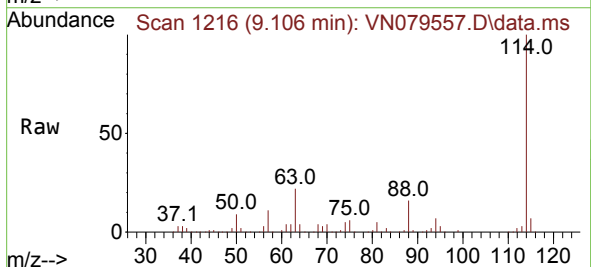
Tgt Ion: 114 Resp: 478998

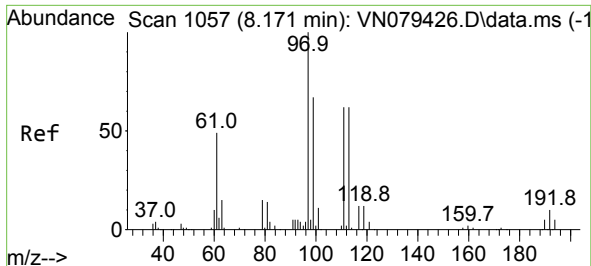
Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.170 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

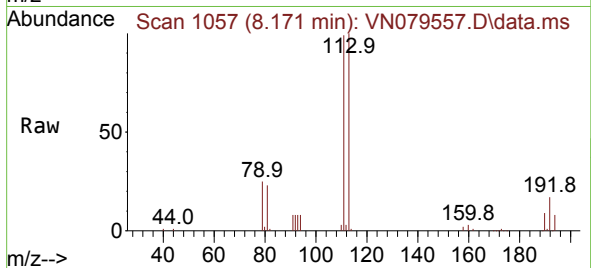
Lab File: VN079557.D

Acq: 12 Oct 2023 19:59

Instrument :

MSVOA_N

ClientSampleId :



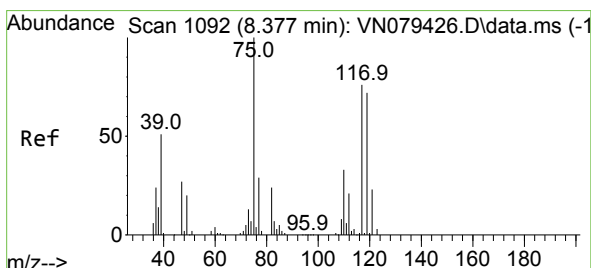
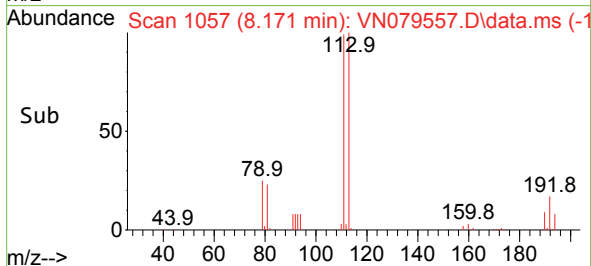
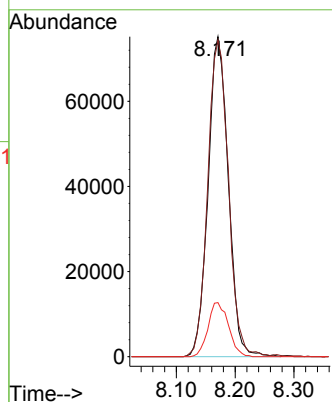
Tgt Ion:113 Resp: 179581

Ion Ratio Lower Upper

113 100

111 101.2 82.6 123.8

192 17.1 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.110 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN079557.D

Acq: 12 Oct 2023 19:59

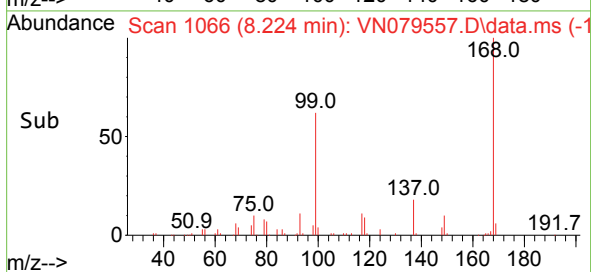
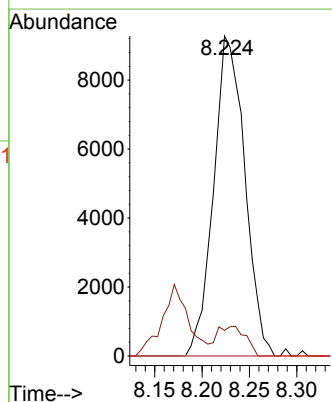
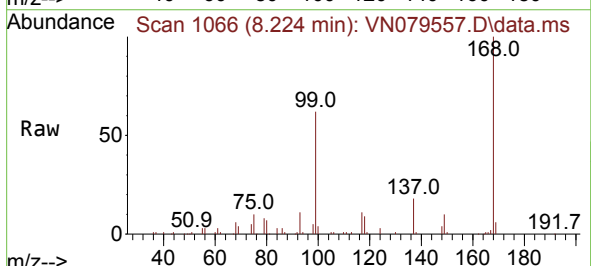
Tgt Ion: 75 Resp: 21236

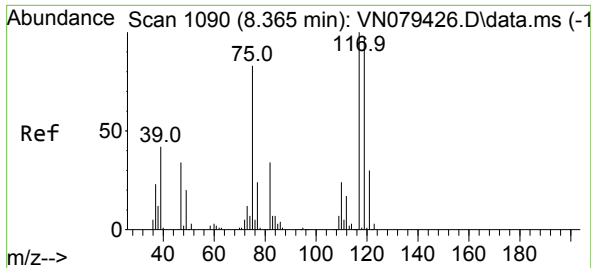
Ion Ratio Lower Upper

75 100

110 8.6 19.1 57.3#

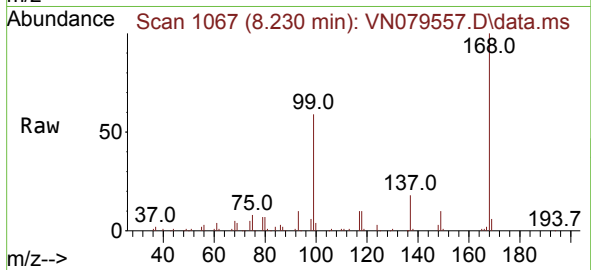
77 0.0 25.0 37.4#



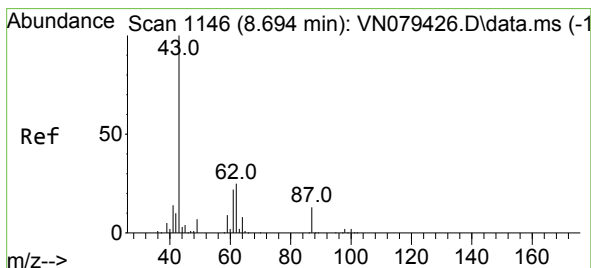
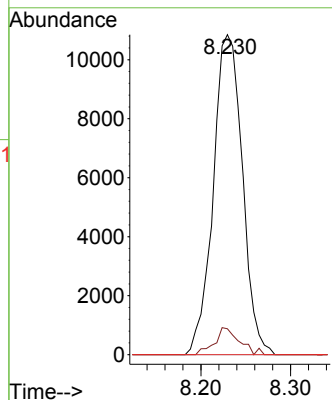
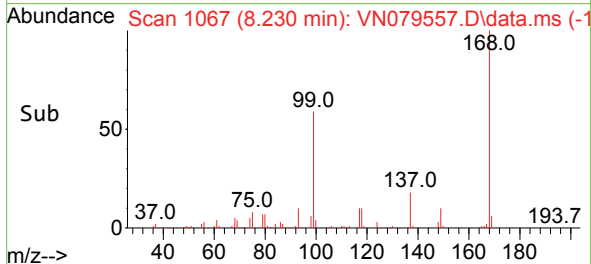


#38
Carbon Tetrachloride
Concen: 4.732 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN079557.D
Acq: 12 Oct 2023 19:59

Instrument :
MSVOA_N
ClientSampleId :

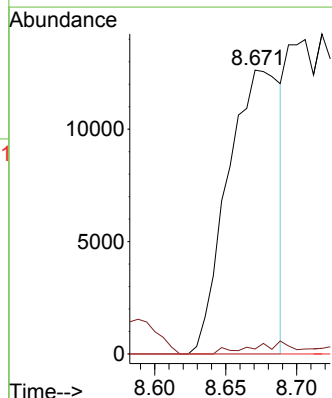
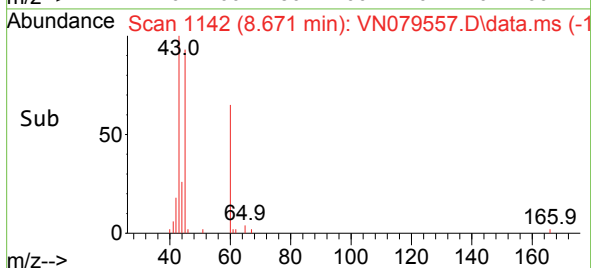
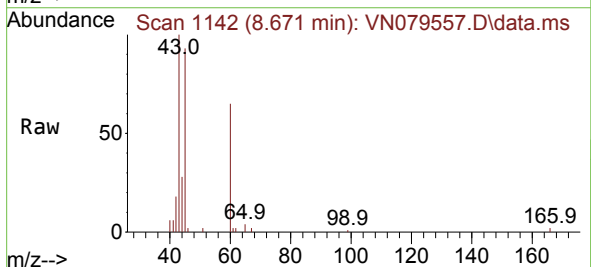


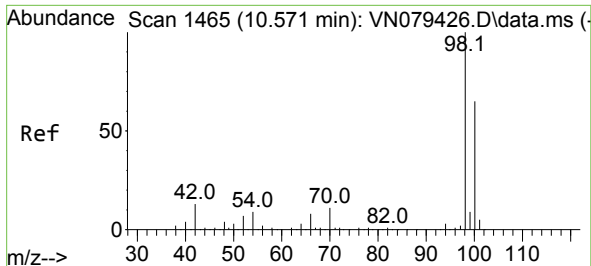
Tgt Ion:117 Resp: 24474
Ion Ratio Lower Upper
117 100
119 8.1 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 3.596 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.024 min
Lab File: VN079557.D
Acq: 12 Oct 2023 19:59

Tgt Ion: 43 Resp: 32383
Ion Ratio Lower Upper
43 100
61 3.4 24.7 37.1#
87 0.0 14.6 21.8#

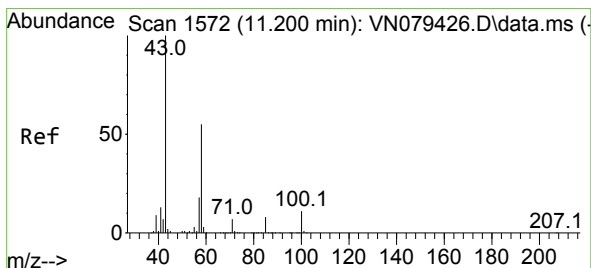
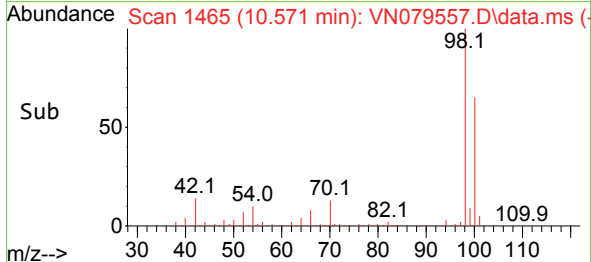
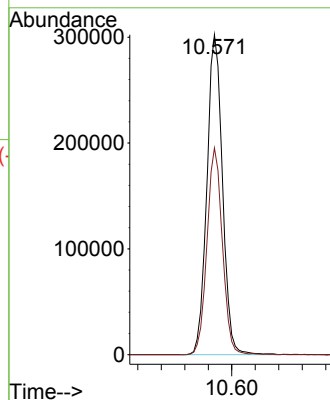
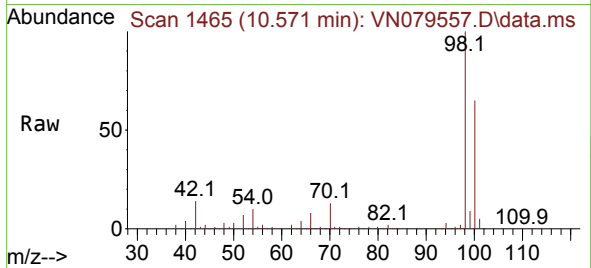




#50
Toluene-d8
Concen: 44.766 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079557.D
Acq: 12 Oct 2023 19:59

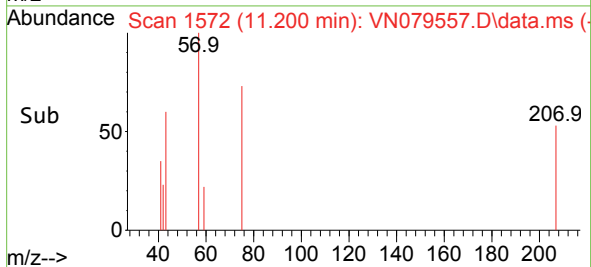
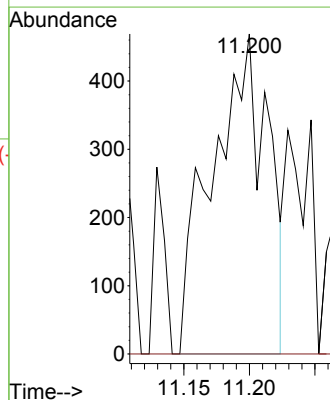
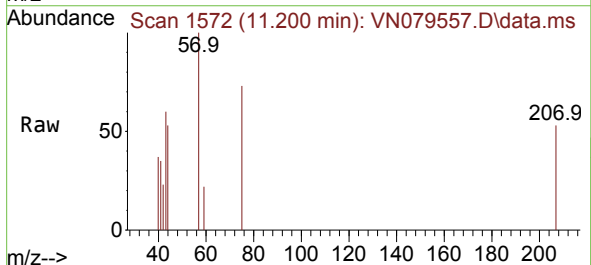
Instrument :
MSVOA_N
ClientSampleId :

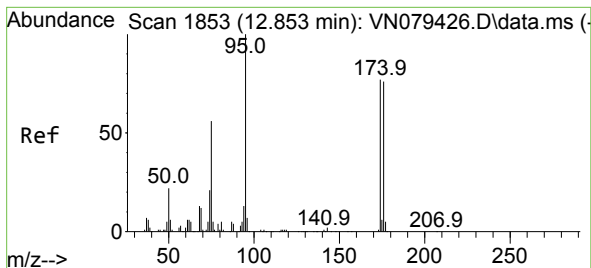
Tgt Ion: 98 Resp: 557568
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#59
2-Hexanone
Concen: 0.375 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079557.D
Acq: 12 Oct 2023 19:59

Tgt Ion: 43 Resp: 1376
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#

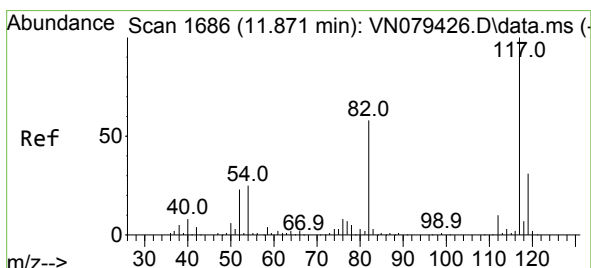
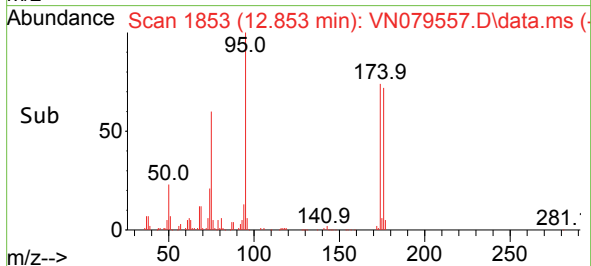
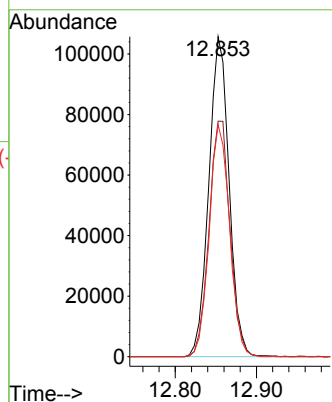
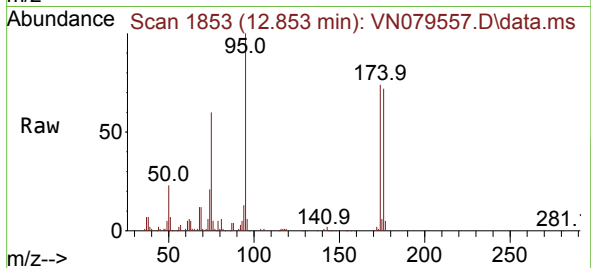




#62
4-Bromofluorobenzene
Concen: 45.751 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079557.D
Acq: 12 Oct 2023 19:59

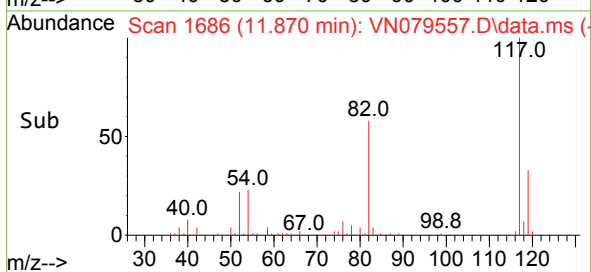
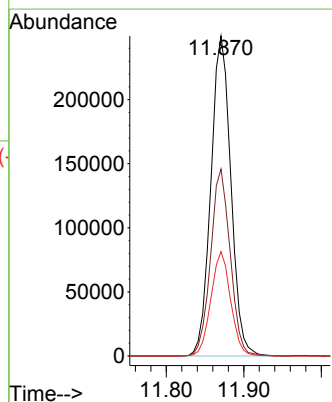
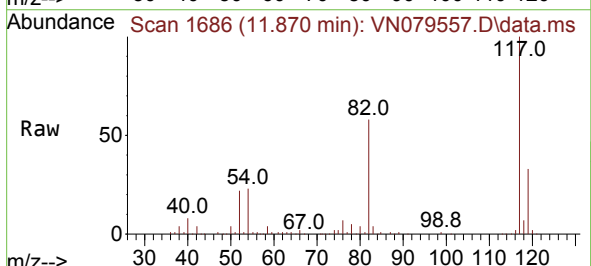
Instrument :
MSVOA_N
ClientSampleId :

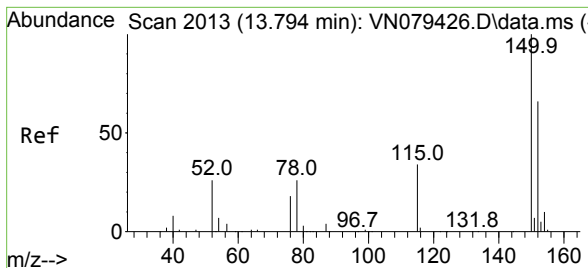
Tgt Ion: 95 Resp: 182872
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 73.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079557.D
Acq: 12 Oct 2023 19:59

Tgt Ion: 117 Resp: 447359
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 32.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN079557.D

Acq: 12 Oct 2023 19:59

Instrument :

MSVOA_N

ClientSampleId :

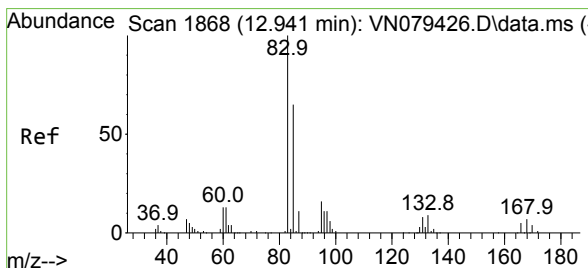
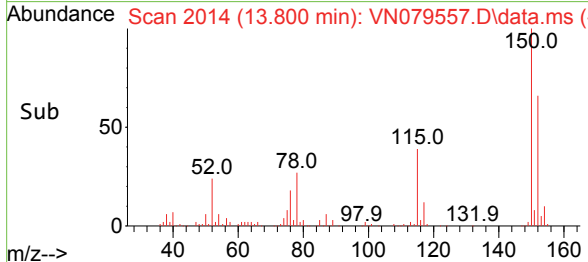
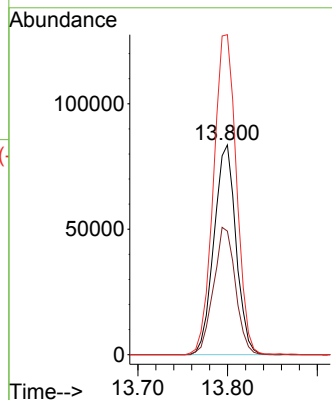
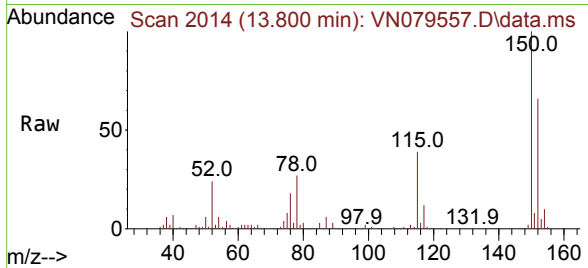
Tgt Ion:152 Resp: 142531

Ion Ratio Lower Upper

152 100

115 60.4 32.3 96.8

150 158.8 0.0 355.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.865 min Scan# 1855

Delta R.T. -0.077 min

Lab File: VN079557.D

Acq: 12 Oct 2023 19:59

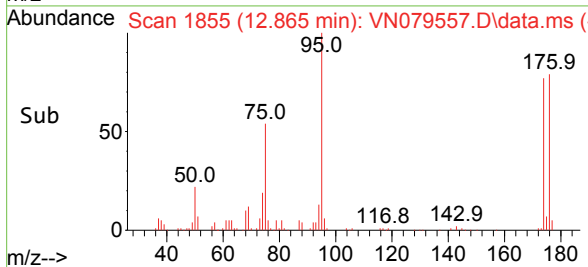
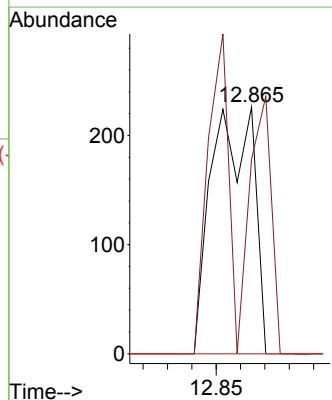
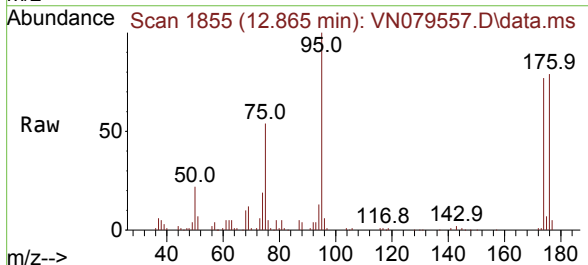
Tgt Ion: 83 Resp: 270

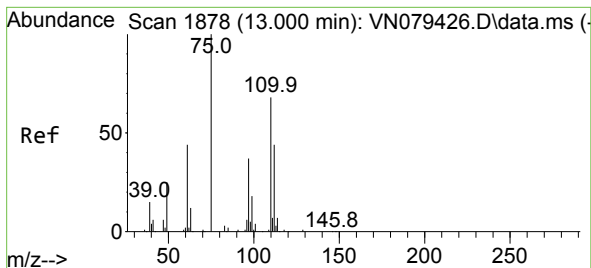
Ion Ratio Lower Upper

83 100

131 54.1 5.0 15.0#

85 0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 25.346 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079557.D

Acq: 12 Oct 2023 19:59

Instrument :

MSVOA_N

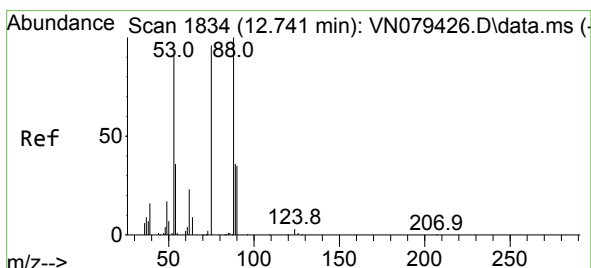
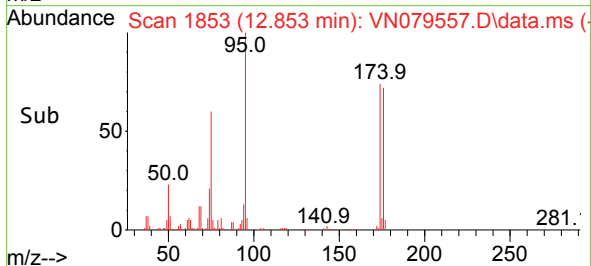
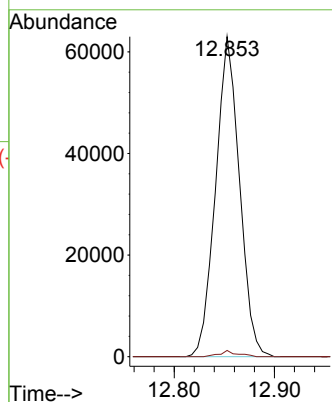
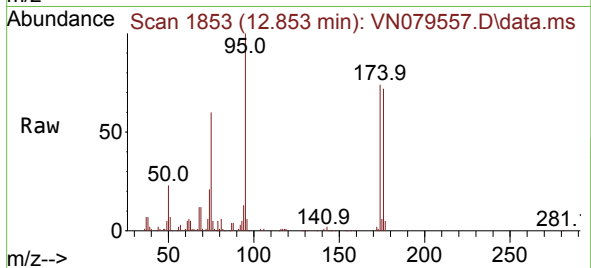
ClientSampleId :

Tgt Ion: 75 Resp: 104161

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.543 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079557.D

Acq: 12 Oct 2023 19:59

Tgt Ion: 75 Resp: 104161

Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#

