

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079505.D
 Acq On : 10 Oct 2023 20:01
 Operator : JC\MD
 Sample : 04819-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 11 06:24:24 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)

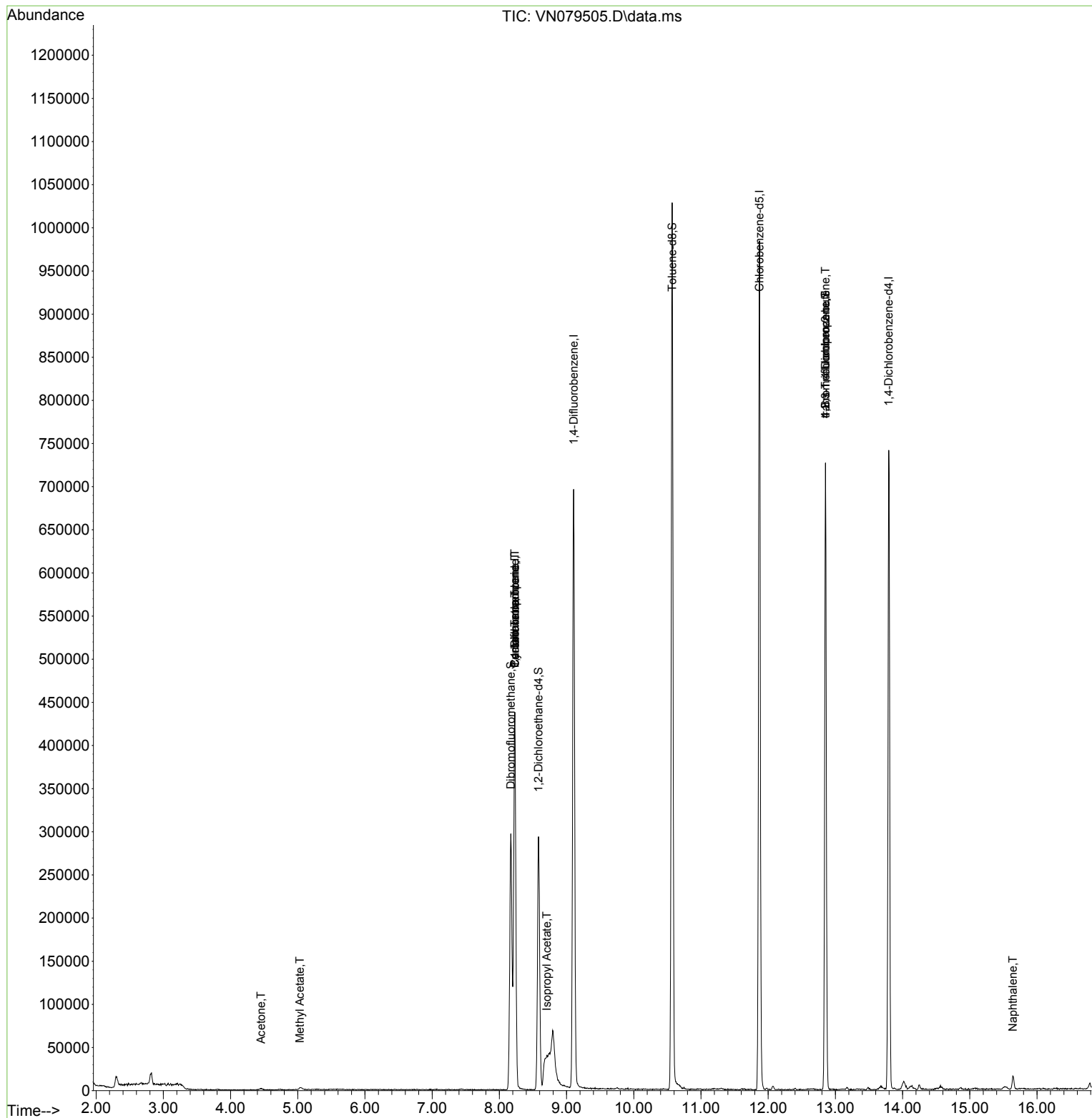
Internal Standards						
1) Pentafluorobenzene	8.230	168	311955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	602907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	555838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230773	45.624	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.240%
35) Dibromofluoromethane	8.171	113	210918	48.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.360%
50) Toluene-d8	10.571	98	698220	44.538	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.080%
62) 4-Bromofluorobenzene	12.853	95	241644	48.030	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.060%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	2717	1.354	ug/l	95
18) Methyl Acetate	5.030	43	5619	0.572	ug/l #	56
20) Methylene Chloride	5.277	84	58	Below Cal	#	8
31) Cyclohexane	8.230	56	7656	1.067	ug/l #	30
36) 1,1-Dichloropropene	8.230	75	25864	3.977	ug/l #	49
38) Carbon Tetrachloride	8.230	117	33376	5.127	ug/l #	15
43) Isopropyl Acetate	8.706	43	48571	4.285	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.847	83	315	Below Cal	#	7
76) 1,2,3-Trichloropropane	12.853	75	134749	24.388	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	134749	70.764	ug/l #	15
90) Hexachloroethane	14.270	117	103	Below Cal	#	21
95) Naphthalene	15.641	128	14151	2.212	ug/l #	95

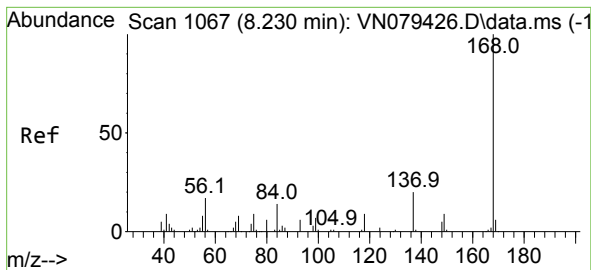
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079505.D

Acq: 10 Oct 2023 20:01

Instrument :

MSVOA_N

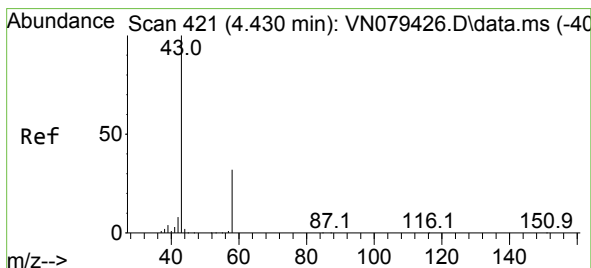
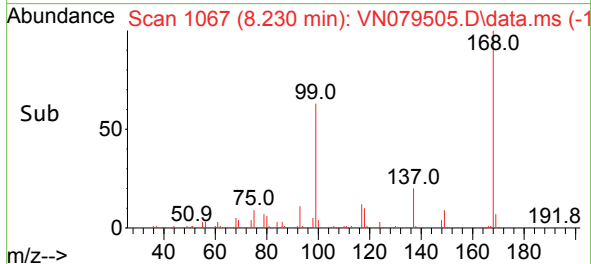
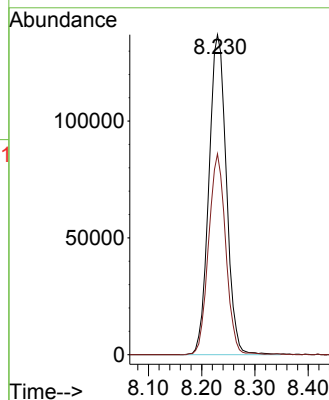
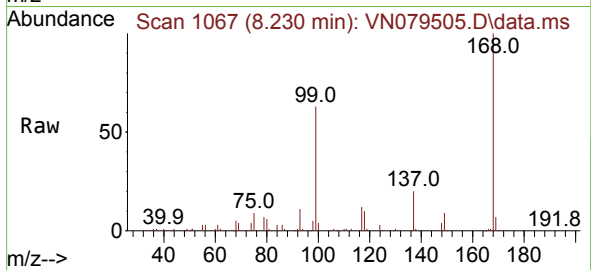
ClientSampleId :

Tgt Ion:168 Resp: 311955

Ion Ratio Lower Upper

168 100

99 62.8 53.0 79.6



#16

Acetone

Concen: 1.354 ug/l

RT: 4.453 min Scan# 425

Delta R.T. 0.023 min

Lab File: VN079505.D

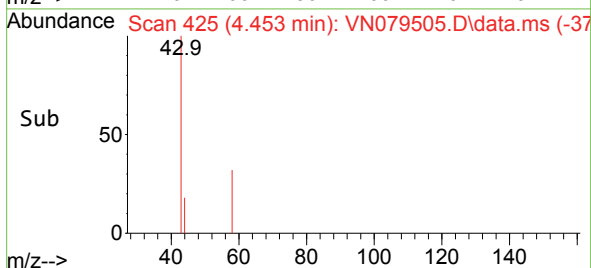
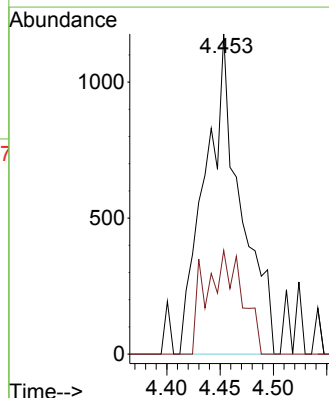
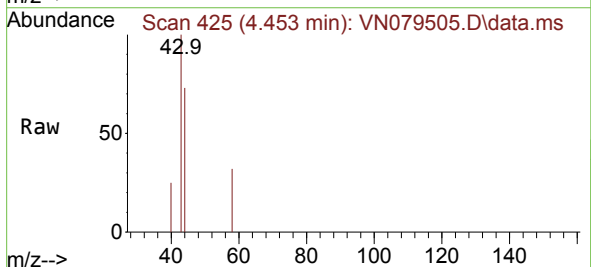
Acq: 10 Oct 2023 20:01

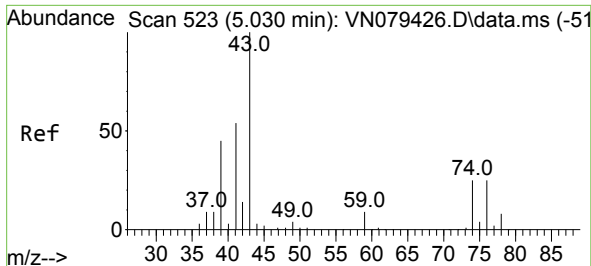
Tgt Ion: 43 Resp: 2717

Ion Ratio Lower Upper

43 100

58 32.4 28.0 42.0

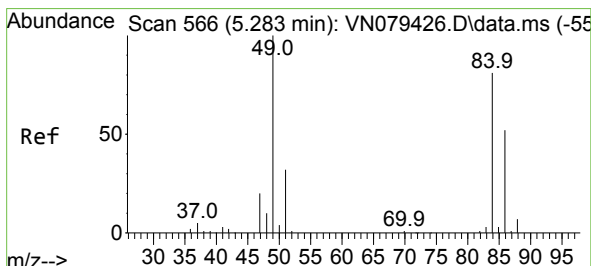
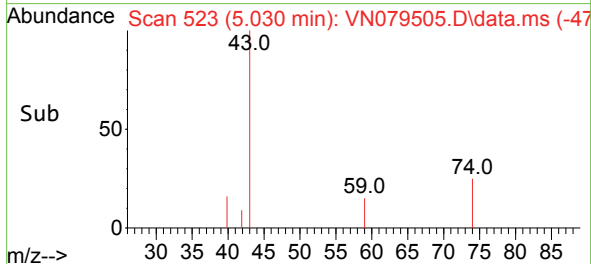
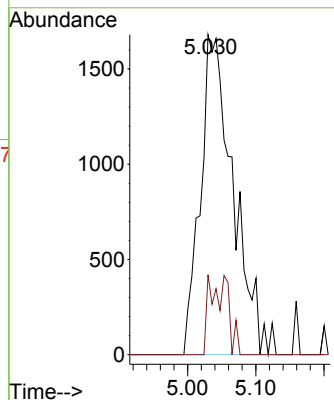
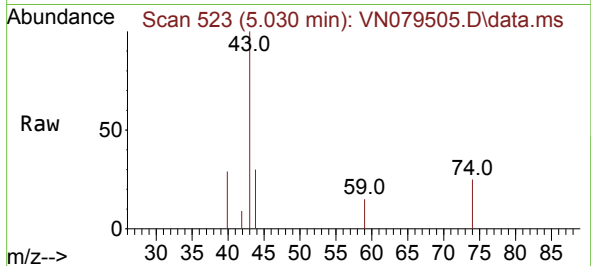




#18
Methyl Acetate
Concen: 0.572 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN079505.D
Acq: 10 Oct 2023 20:01

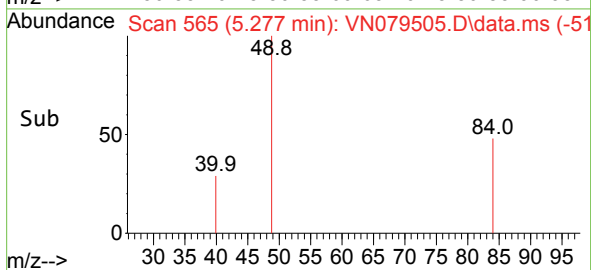
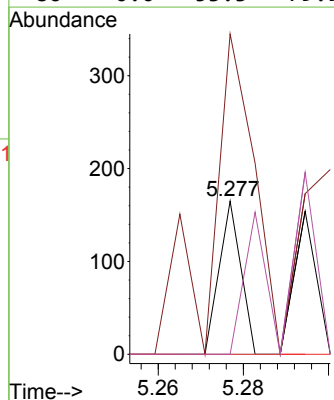
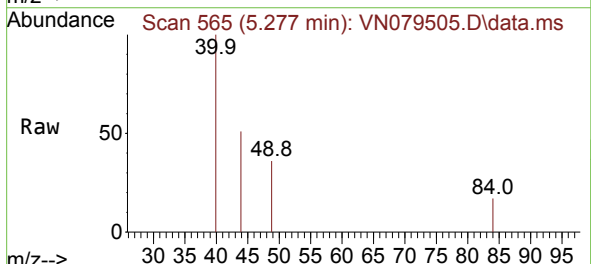
Instrument :
MSVOA_N
ClientSampleId :

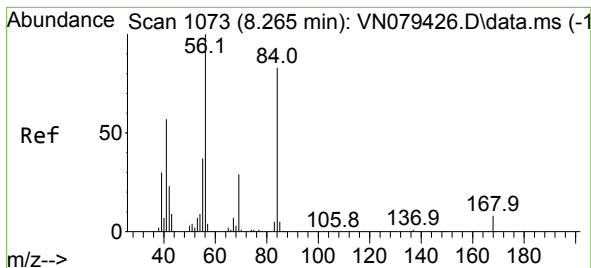
Tgt Ion: 43 Resp: 5619
Ion Ratio Lower Upper
43 100
74 7.9 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079505.D
Acq: 10 Oct 2023 20:01

Tgt Ion: 84 Resp: 58
Ion Ratio Lower Upper
84 100
49 209.1 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#





#31

Cyclohexane

Concen: 1.067 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

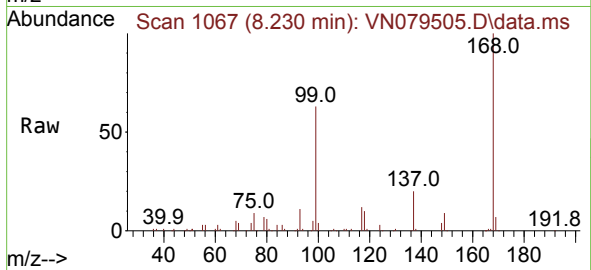
Lab File: VN079505.D

Acq: 10 Oct 2023 20:01

Instrument :

MSVOA_N

ClientSampleId :



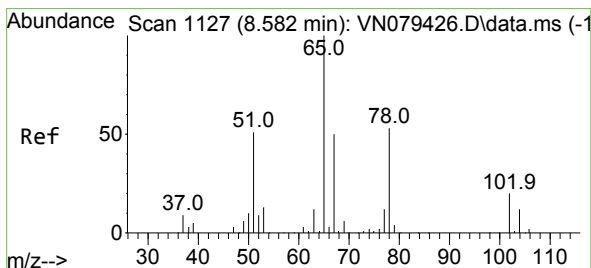
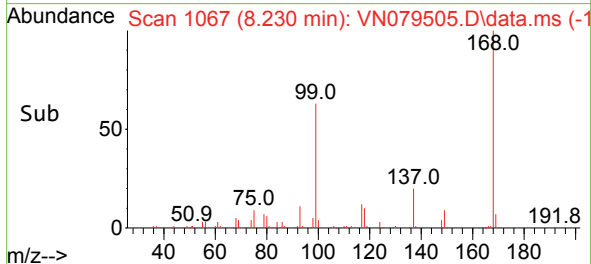
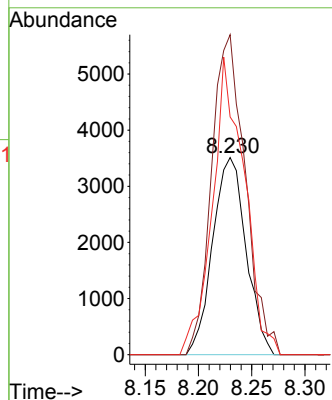
Tgt Ion: 56 Resp: 7656

Ion Ratio Lower Upper

56 100

69 162.3 26.8 40.2#

84 120.6 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 45.624 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079505.D

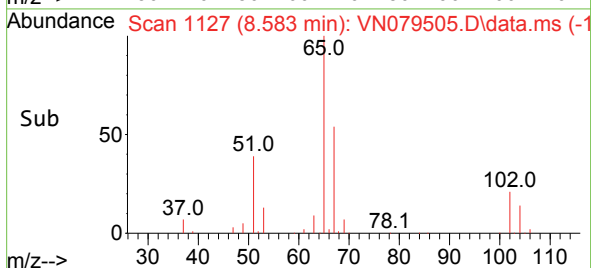
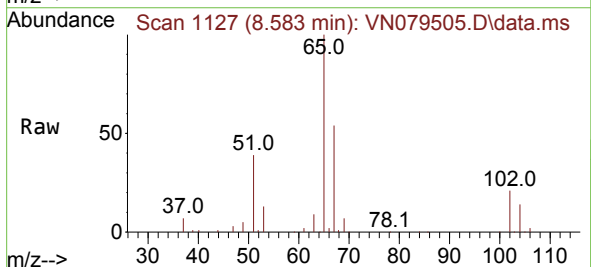
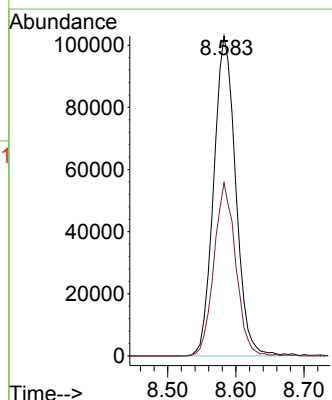
Acq: 10 Oct 2023 20:01

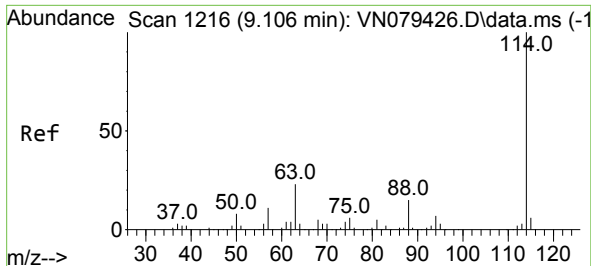
Tgt Ion: 65 Resp: 230773

Ion Ratio Lower Upper

65 100

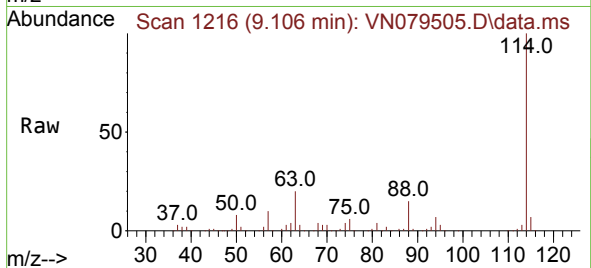
67 53.6 0.0 106.6



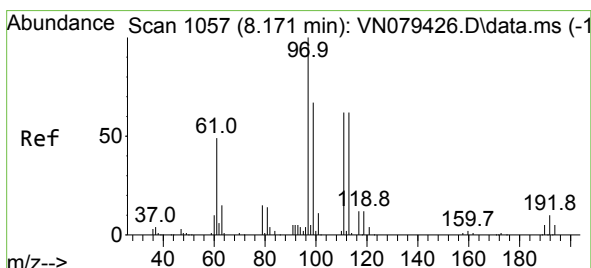
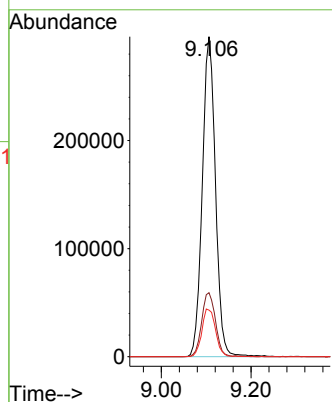
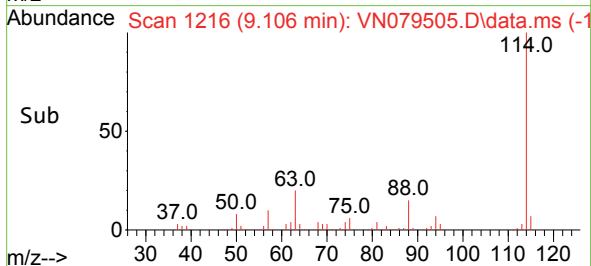


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079505.D
Acq: 10 Oct 2023 20:01

Instrument :
MSVOA_N
ClientSampleId :

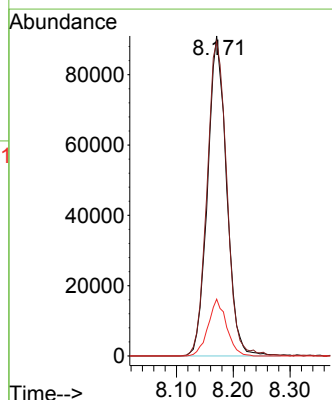
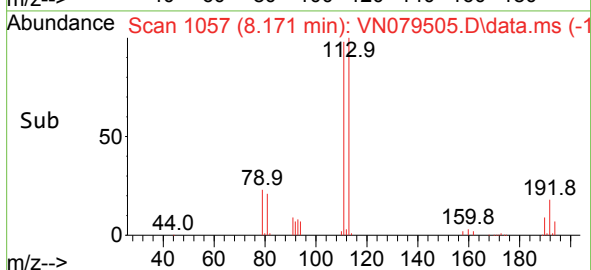
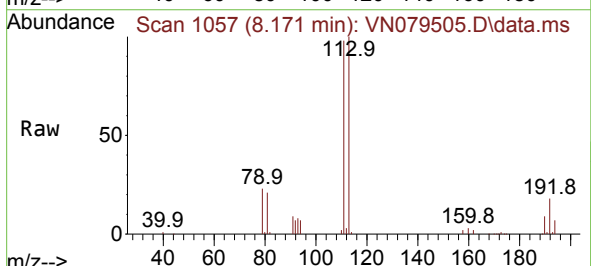


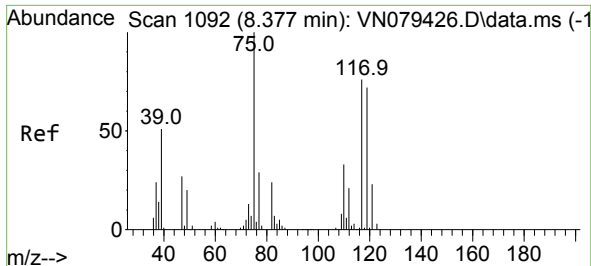
Tgt Ion:114 Resp: 602907
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.680 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079505.D
Acq: 10 Oct 2023 20:01

Tgt Ion:113 Resp: 210918
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 17.2 12.7 19.1





#36

1,1-Dichloropropene

Concen: 3.977 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

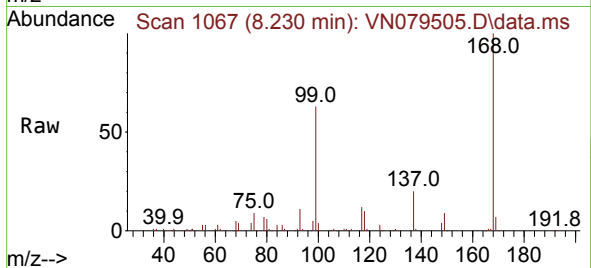
Lab File: VN079505.D

Acq: 10 Oct 2023 20:01

Instrument :

MSVOA_N

ClientSampleId :



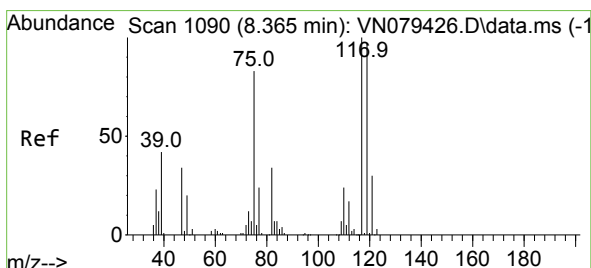
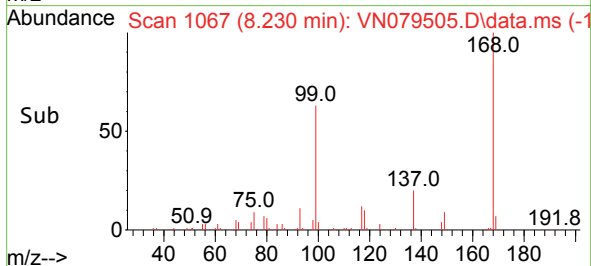
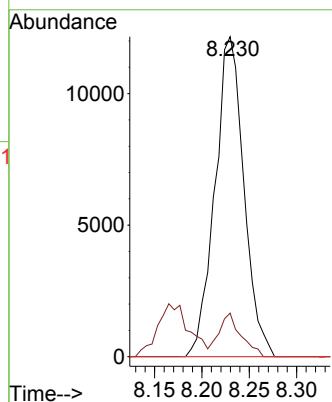
Tgt Ion: 75 Resp: 25864

Ion Ratio Lower Upper

75 100

110 10.4 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.127 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN079505.D

Acq: 10 Oct 2023 20:01

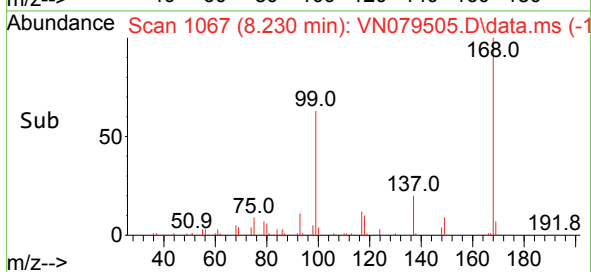
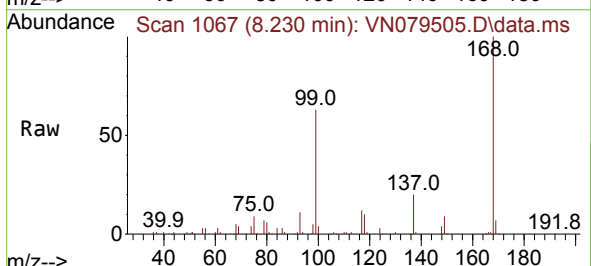
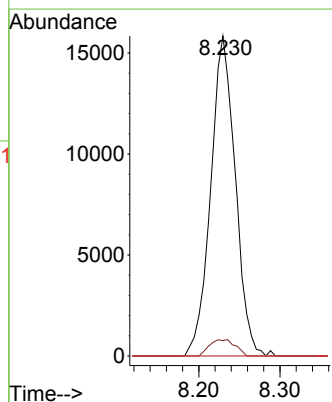
Tgt Ion: 117 Resp: 33376

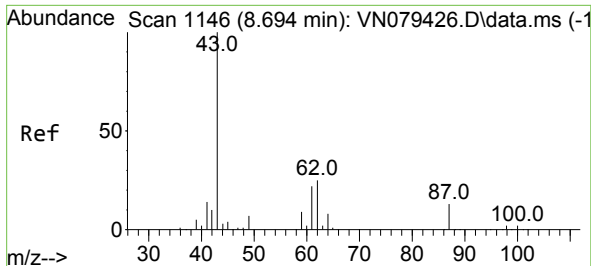
Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

121 0.0 23.3 34.9#

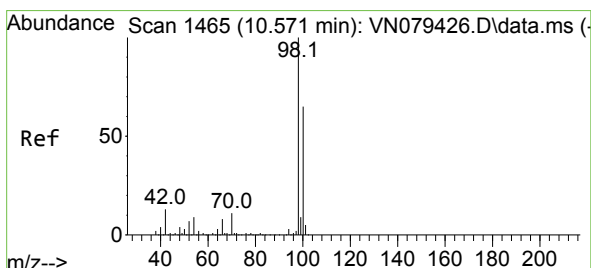
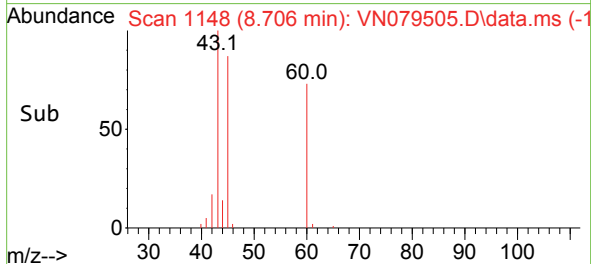
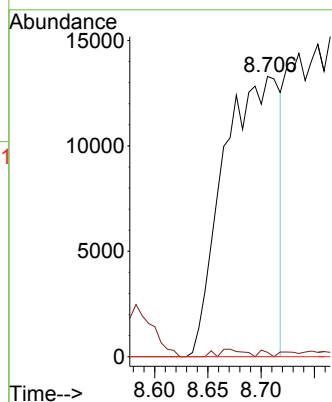
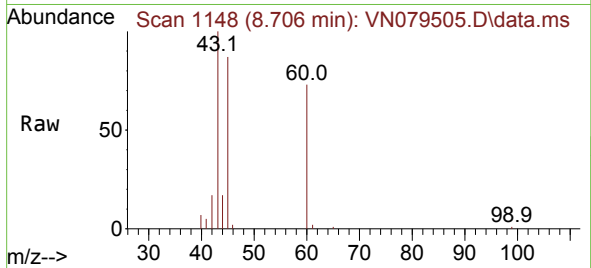




#43
Isopropyl Acetate
Concen: 4.285 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.012 min
Lab File: VN079505.D
Acq: 10 Oct 2023 20:01

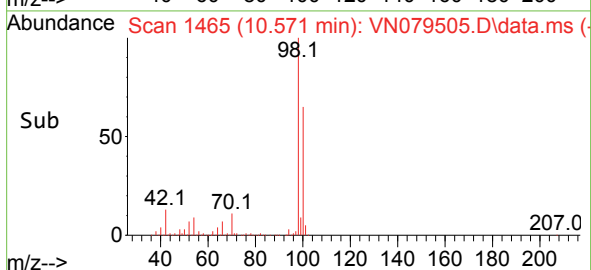
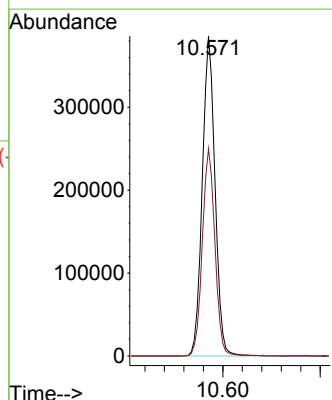
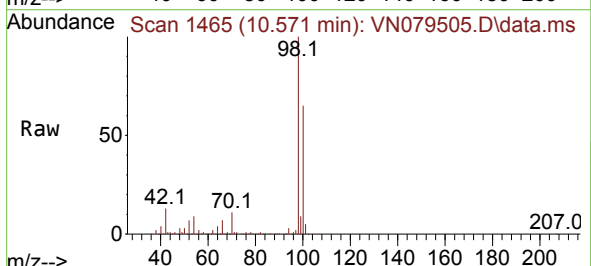
Instrument :
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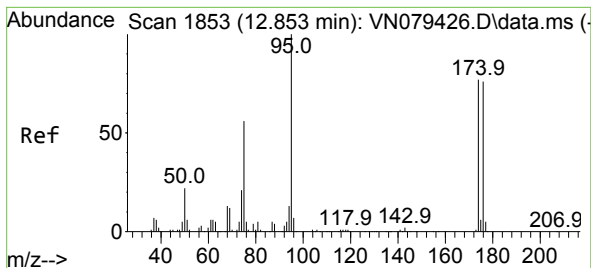
Tgt Ion: 43 Resp: 48571
Ion Ratio Lower Upper
43 100
61 0.4 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 44.538 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079505.D
Acq: 10 Oct 2023 20:01

Tgt Ion: 98 Resp: 698220
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

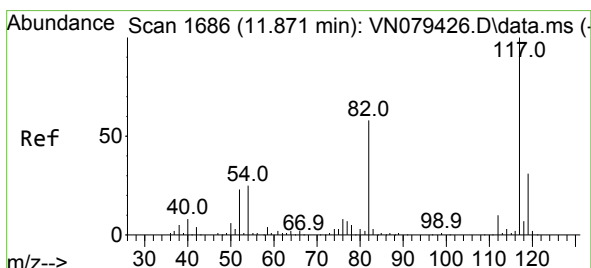
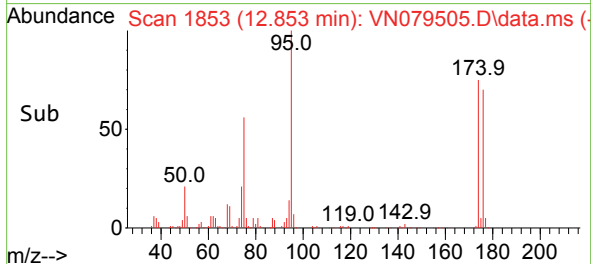
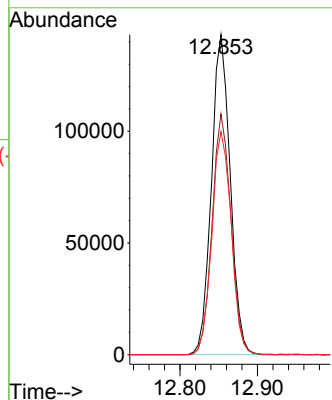
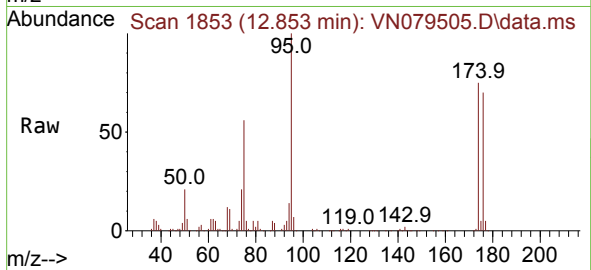




#62
4-Bromofluorobenzene
Concen: 48.030 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079505.D
Acq: 10 Oct 2023 20:01

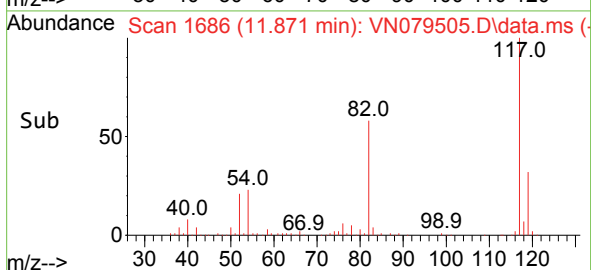
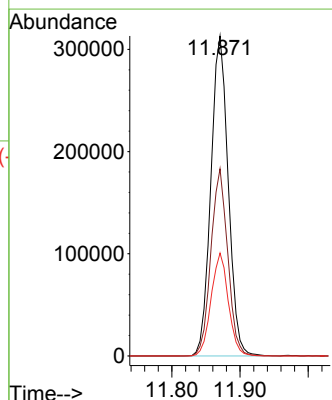
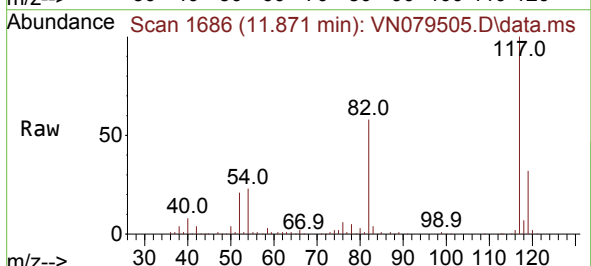
Instrument :
MSVOA_N
ClientSampleId :

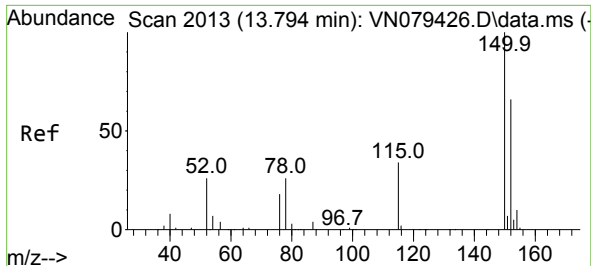
Tgt Ion: 95 Resp: 241644
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 71.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079505.D
Acq: 10 Oct 2023 20:01

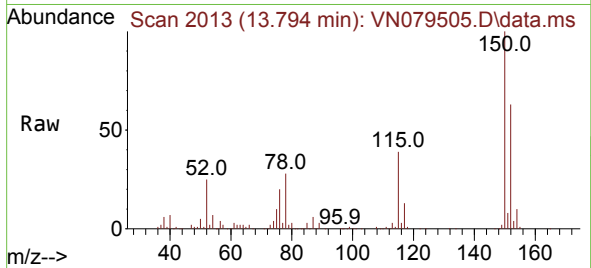
Tgt Ion: 117 Resp: 555838
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 32.2 25.6 38.4



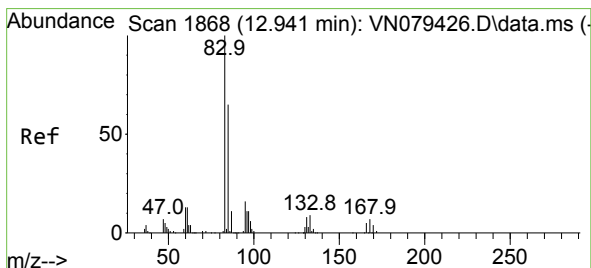
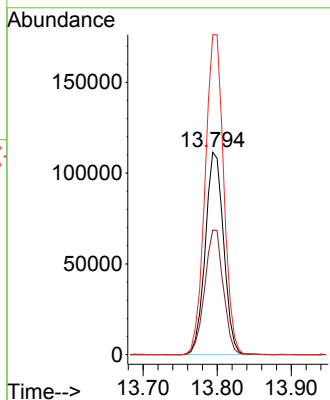
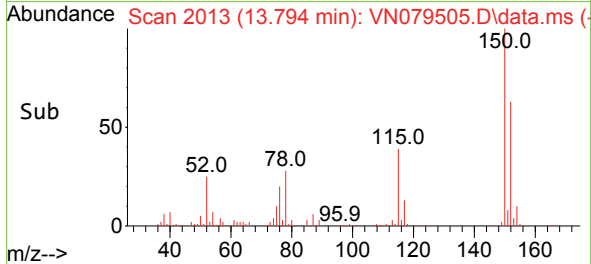


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079505.D
 Acq: 10 Oct 2023 20:01

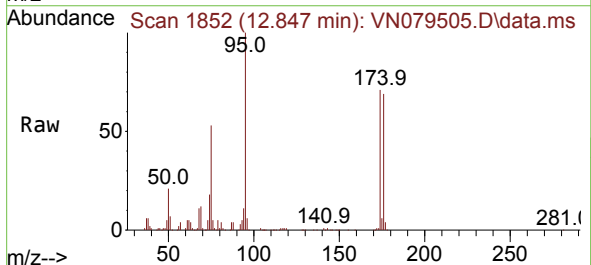
Instrument :
 MSVOA_N
 ClientSampleId :



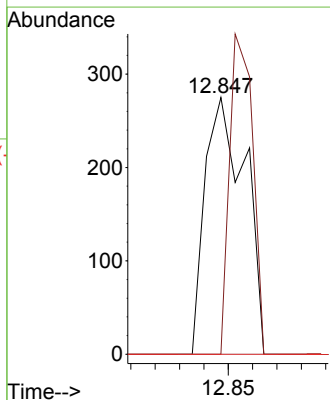
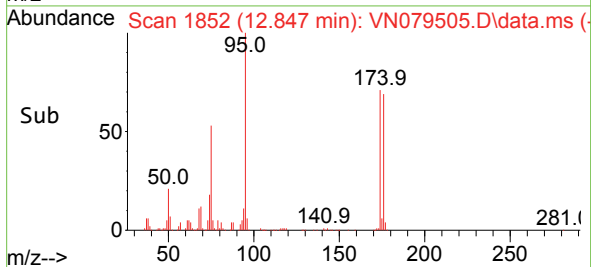
Tgt Ion:152 Resp: 191627
 Ion Ratio Lower Upper
 152 100
 115 62.3 32.3 96.8
 150 160.0 0.0 355.8

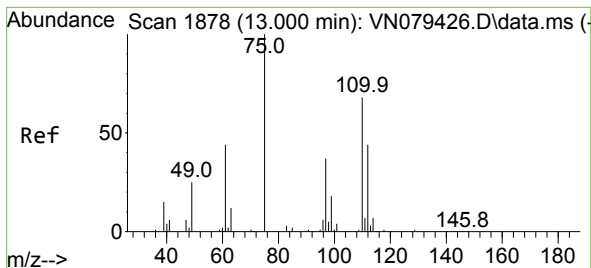


#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.094 min
 Lab File: VN079505.D
 Acq: 10 Oct 2023 20:01



Tgt Ion: 83 Resp: 315
 Ion Ratio Lower Upper
 83 100
 131 71.7 5.0 15.0#
 85 0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 24.388 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079505.D

Acq: 10 Oct 2023 20:01

Instrument :

MSVOA_N

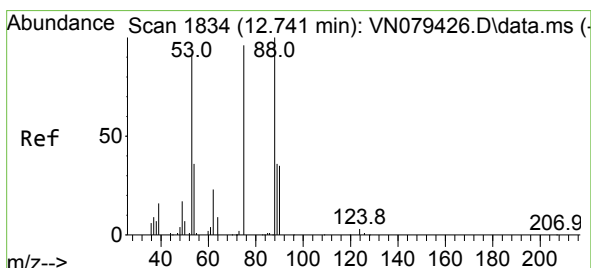
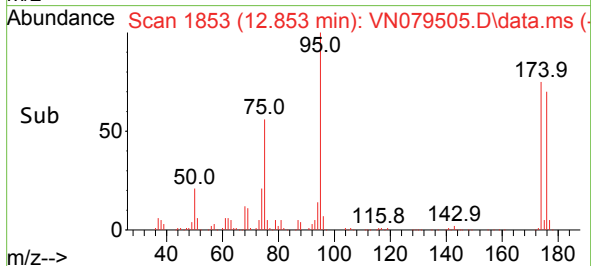
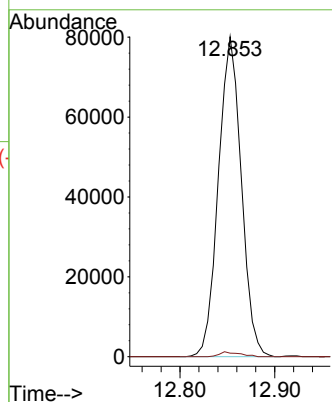
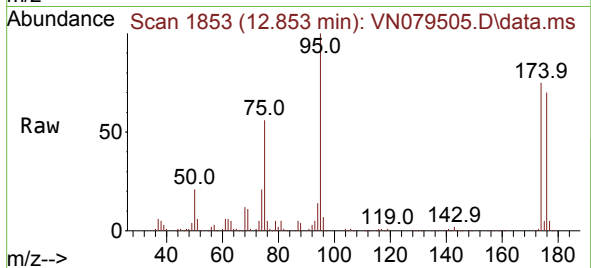
ClientSampleId :

Tgt Ion: 75 Resp: 134749

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.764 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079505.D

Acq: 10 Oct 2023 20:01

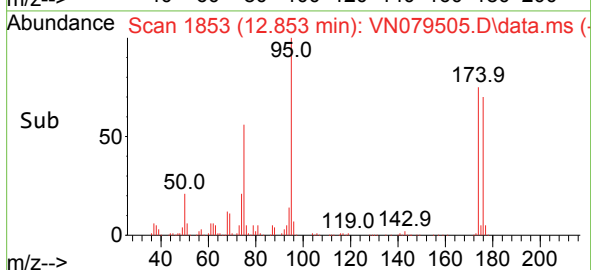
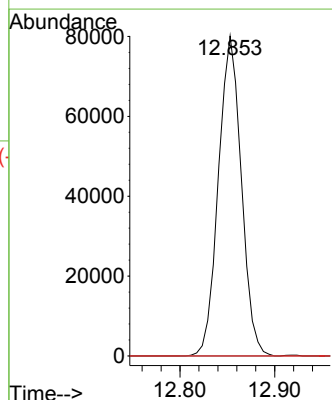
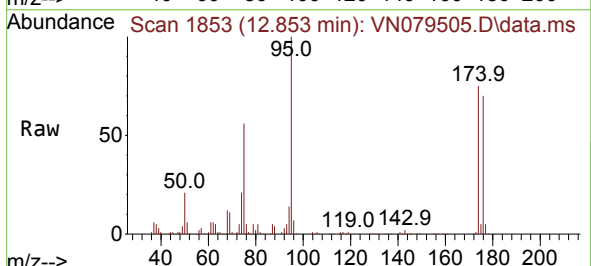
Tgt Ion: 75 Resp: 134749

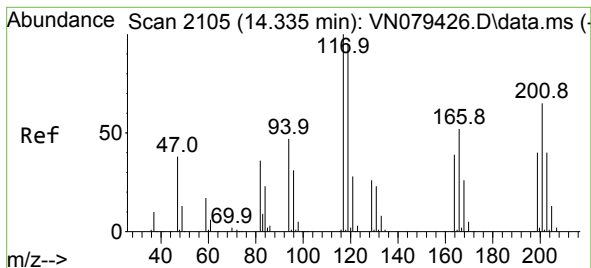
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#





#90

Hexachloroethane

Concen: Below Cal

RT: 14.270 min Scan# 2094

Delta R.T. -0.065 min

Lab File: VN079505.D

Acq: 10 Oct 2023 20:01

Instrument :

MSVOA_N

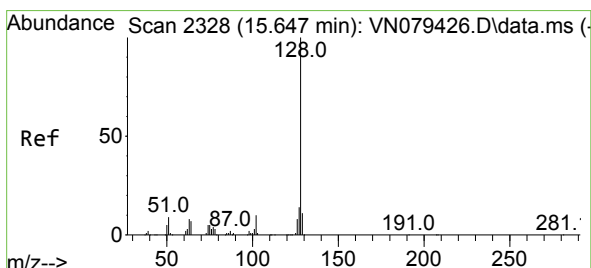
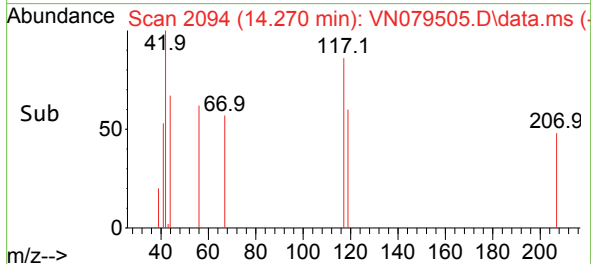
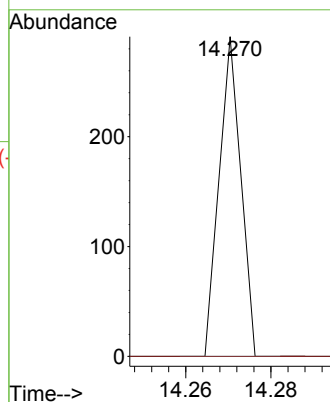
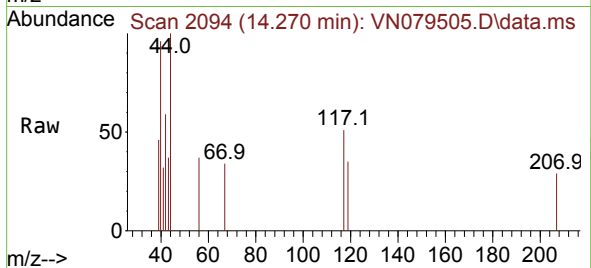
ClientSampleId :

Tgt Ion:117 Resp: 103

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#95

Naphthalene

Concen: 2.212 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN079505.D

Acq: 10 Oct 2023 20:01

Tgt Ion:128 Resp: 14151

Ion Ratio Lower Upper

128 100

127 15.8 10.0 15.0#

129 11.4 8.7 13.1

