

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079523.D
 Acq On : 11 Oct 2023 17:36
 Operator : JC\MD
 Sample : 04833-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 06:12:50 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)

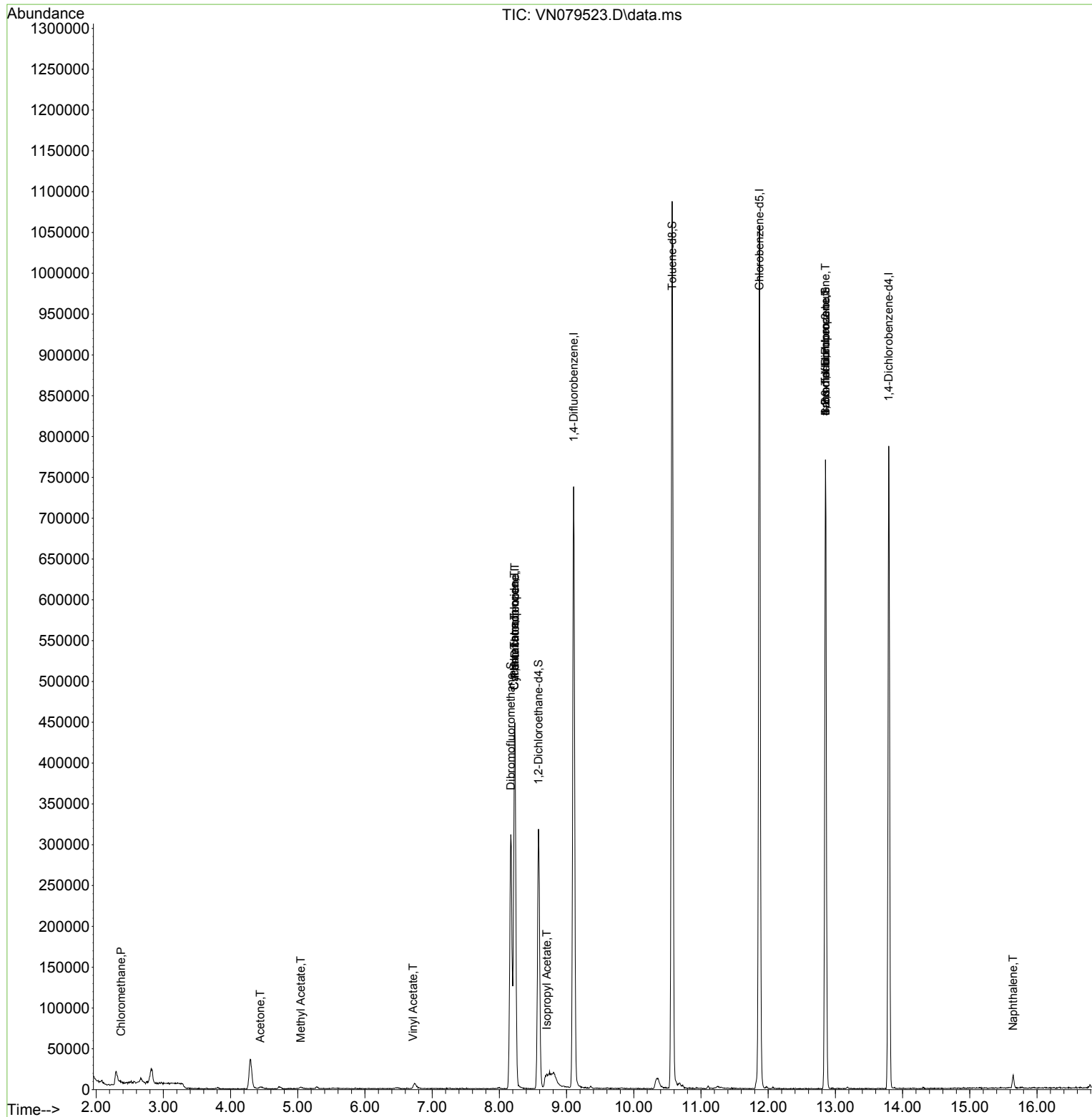
Internal Standards						
1) Pentafluorobenzene	8.229	168	323935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	621422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	591303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	256478	48.831	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.660%		
35) Dibromofluoromethane	8.171	113	220751	49.432	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.860%		
50) Toluene-d8	10.571	98	740145	45.805	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.620%		
62) 4-Bromofluorobenzene	12.853	95	256478	49.460	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.920%		
Target Compounds						Qvalue
3) Chloromethane	2.371	50	1584	0.273	ug/l	99
16) Acetone	4.441	43	2768	1.329	ug/l #	59
18) Methyl Acetate	5.047	43	4132	0.405	ug/l #	64
20) Methylene Chloride	5.294	84	423	Below Cal	#	80
23) Vinyl Acetate	6.718	43	1635	0.210	ug/l #	62
31) Cyclohexane	8.224	56	8736	1.173	ug/l #	49
36) 1,1-Dichloropropene	8.229	75	29368	4.382	ug/l #	49
38) Carbon Tetrachloride	8.224	117	35435	5.281	ug/l #	18
43) Isopropyl Acetate	8.706	43	15346	1.313	ug/l #	49
71) Bromoform	12.853	173	2191	0.621	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.870	83	62	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	146259	25.615	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	146259	74.322	ug/l #	15
95) Naphthalene	15.647	128	13186	1.995	ug/l	98

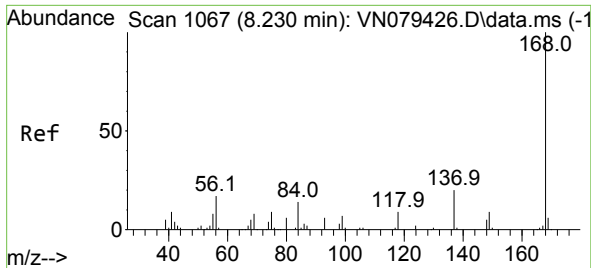
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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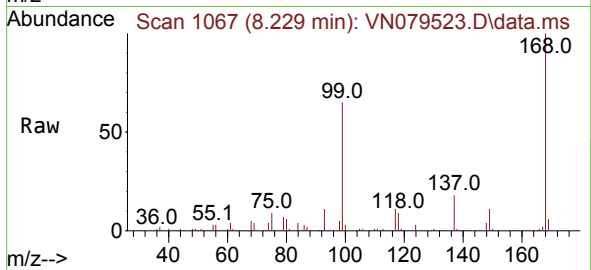
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration



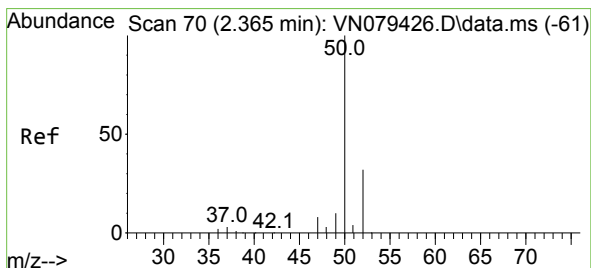
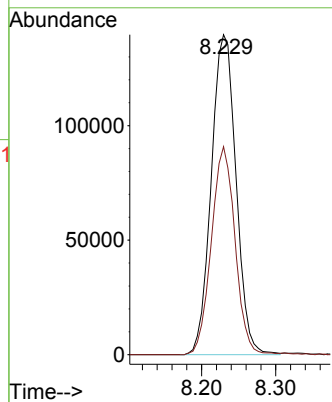
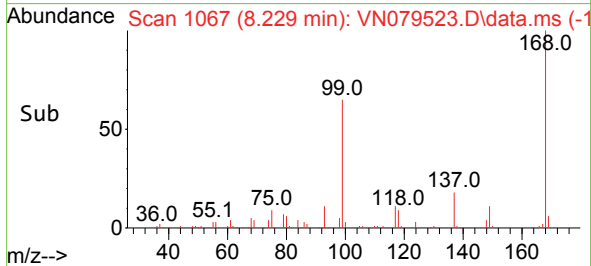


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN079523.D
Acq: 11 Oct 2023 17:36

Instrument :
MSVOA_N
ClientSampleId :

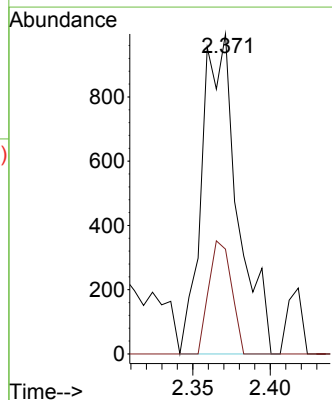
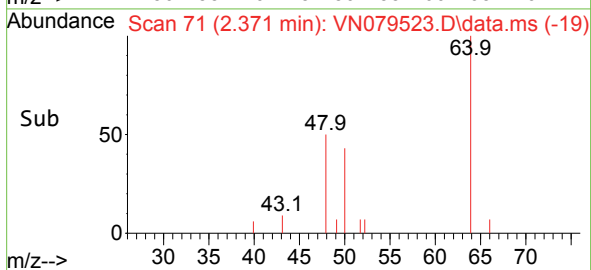
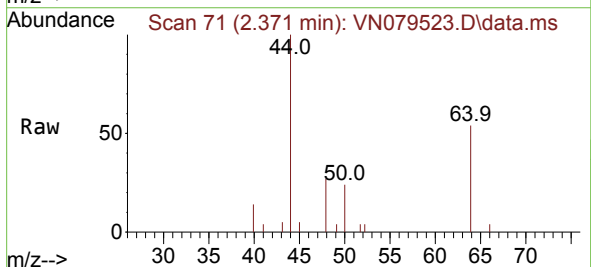


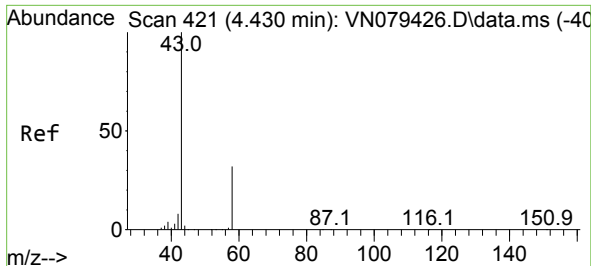
Tgt Ion:168 Resp: 323935
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6



#3
Chloromethane
Concen: 0.273 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN079523.D
Acq: 11 Oct 2023 17:36

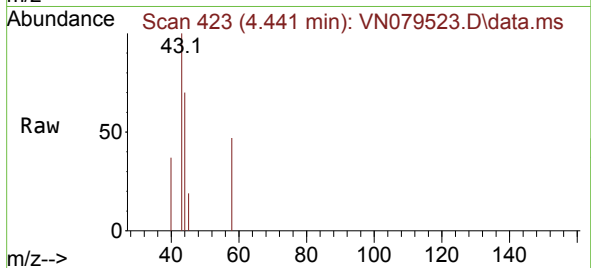
Tgt Ion: 50 Resp: 1584
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7



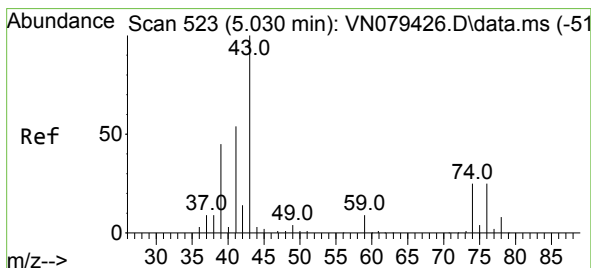
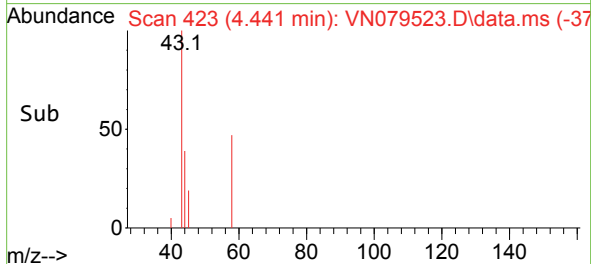
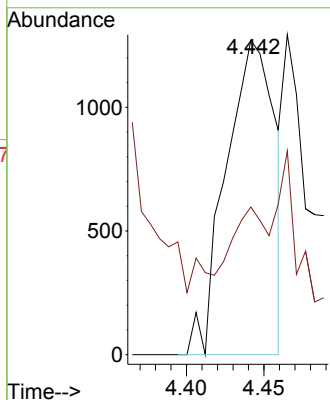


#16
Acetone
Concen: 1.329 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN079523.D
Acq: 11 Oct 2023 17:36

Instrument :
MSVOA_N
ClientSampleId :

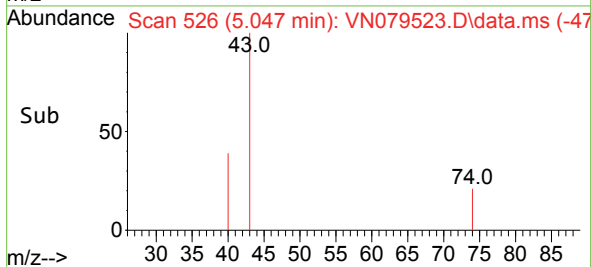
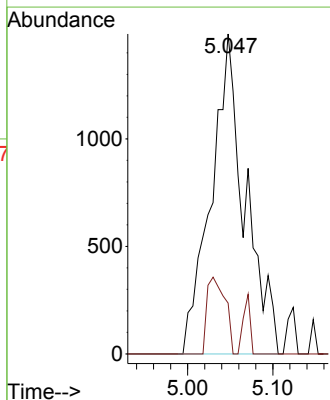
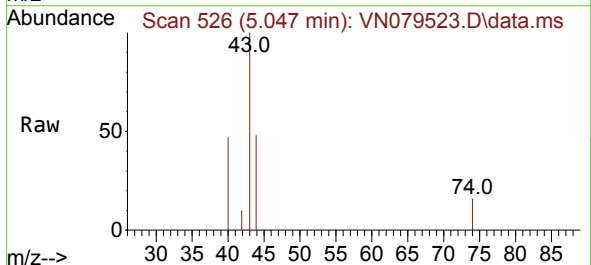


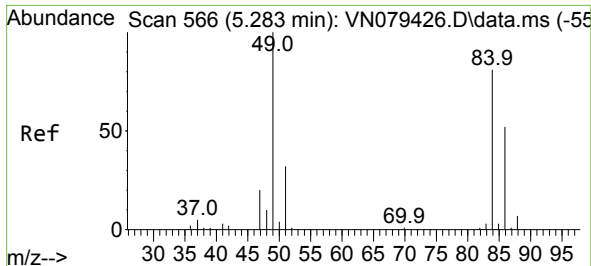
Tgt Ion: 43 Resp: 2768
Ion Ratio Lower Upper
43 100
58 11.1 28.0 42.0#



#18
Methyl Acetate
Concen: 0.405 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.018 min
Lab File: VN079523.D
Acq: 11 Oct 2023 17:36

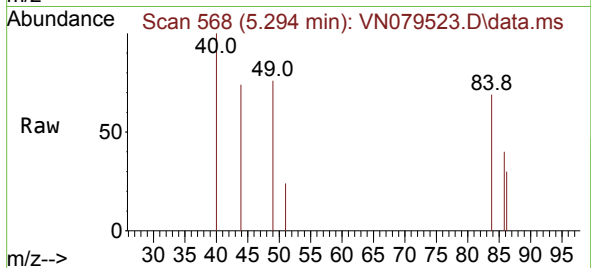
Tgt Ion: 43 Resp: 4132
Ion Ratio Lower Upper
43 100
74 12.8 26.2 39.4#





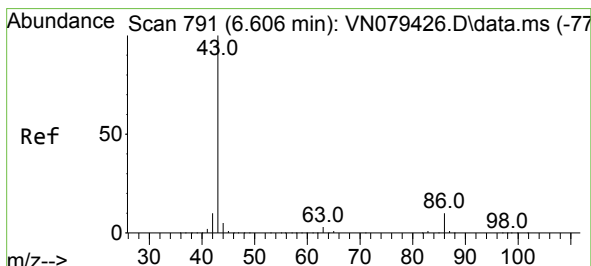
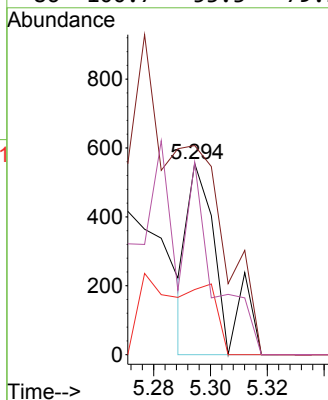
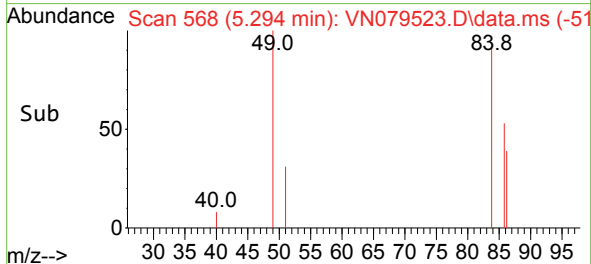
#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN079523.D
Acq: 11 Oct 2023 17:36

Instrument :
MSVOA_N
ClientSampleId :

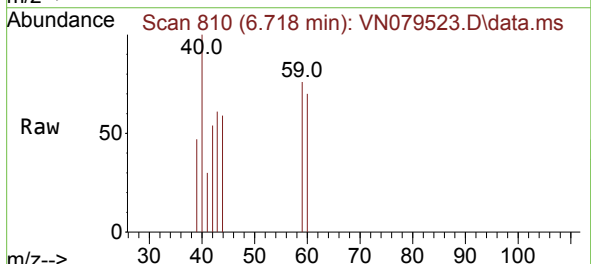


Tgt Ion: 84 Resp: 423

Ion	Ratio	Lower	Upper
84	100		
49	109.4	79.7	119.5
51	34.1	25.2	37.8
86	100.7	53.3	79.9

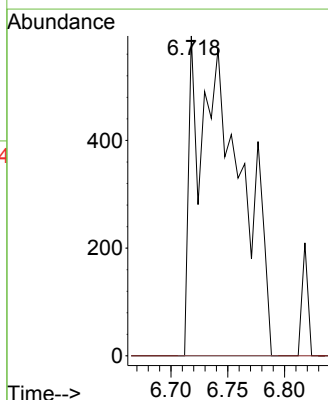
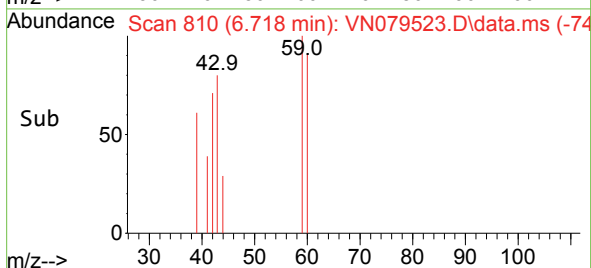


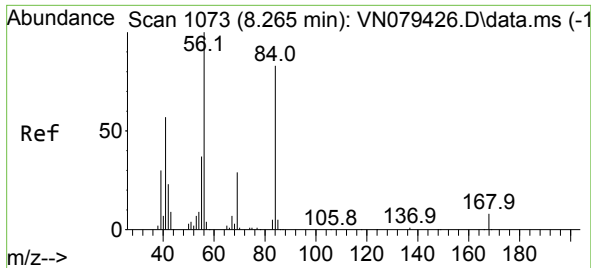
#23
Vinyl Acetate
Concen: 0.210 ug/l
RT: 6.718 min Scan# 810
Delta R.T. 0.112 min
Lab File: VN079523.D
Acq: 11 Oct 2023 17:36



Tgt Ion: 43 Resp: 1635

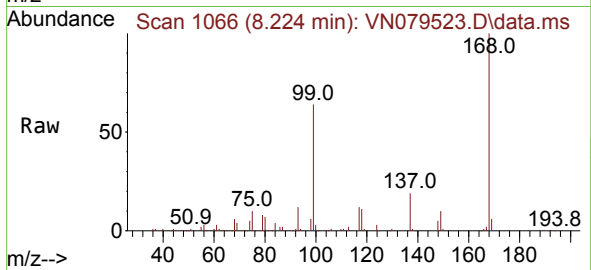
Ion	Ratio	Lower	Upper
43	100		
86	0.0	13.0	19.6



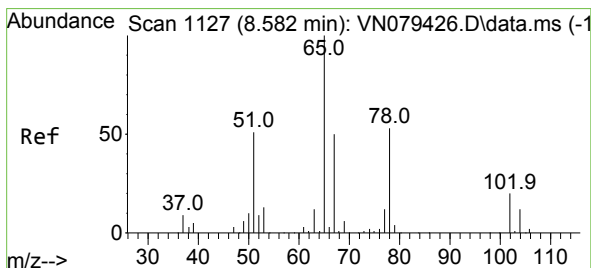
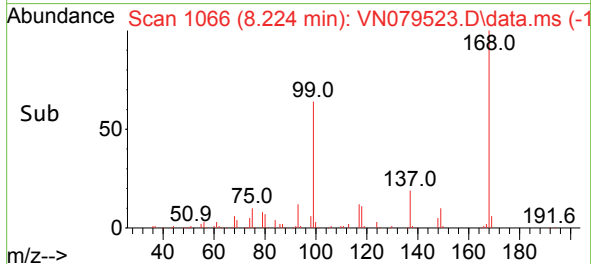
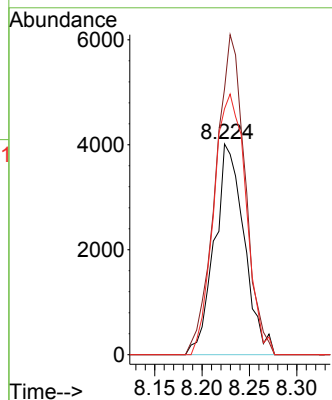


#31
Cyclohexane
Concen: 1.173 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079523.D
Acq: 11 Oct 2023 17:36

Instrument :
MSVOA_N
ClientSampleId :

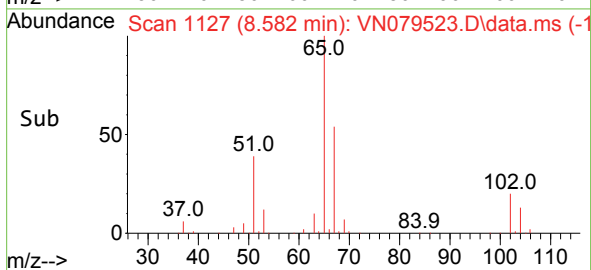
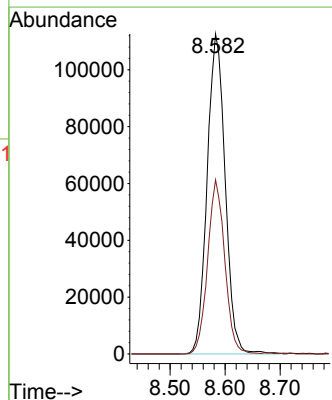
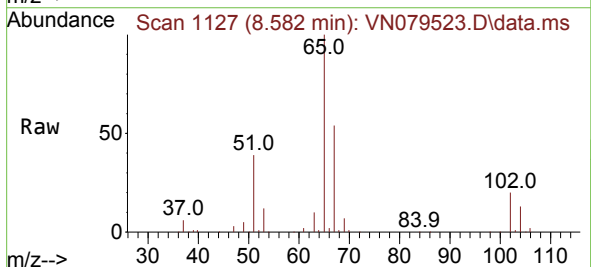


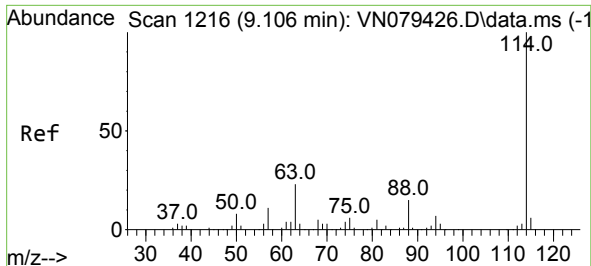
Tgt Ion: 56 Resp: 8736
Ion Ratio Lower Upper
56 100
69 126.1 26.8 40.2#
84 116.7 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 48.831 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079523.D
Acq: 11 Oct 2023 17:36

Tgt Ion: 65 Resp: 256478
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

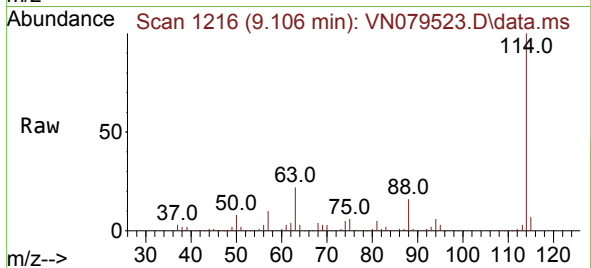
Lab File: VN079523.D

Acq: 11 Oct 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :



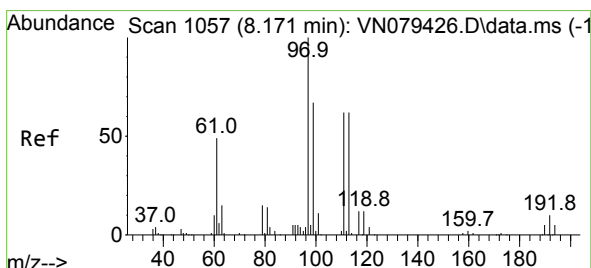
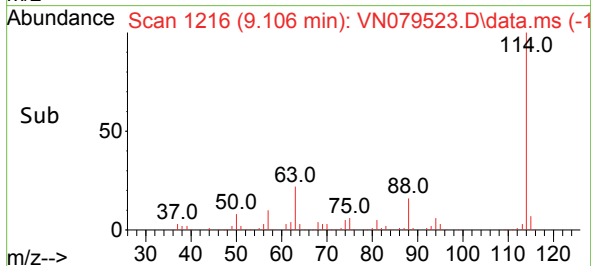
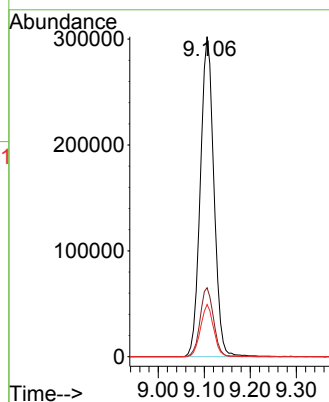
Tgt Ion:114 Resp: 621422

Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.432 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079523.D

Acq: 11 Oct 2023 17:36

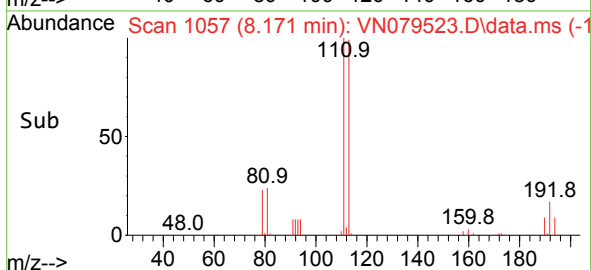
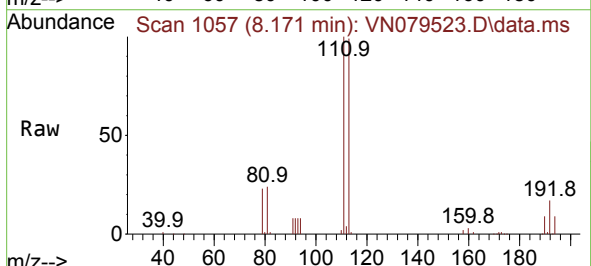
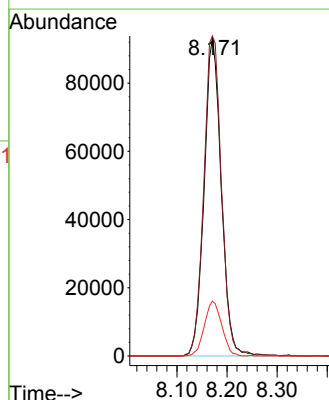
Tgt Ion:113 Resp: 220751

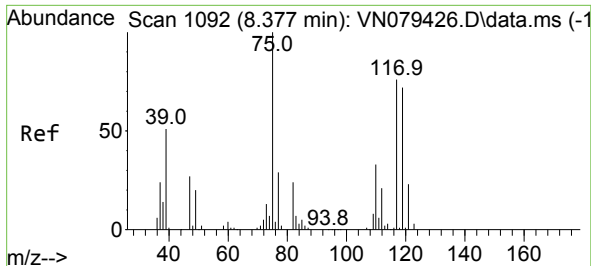
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 17.5 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.382 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.147 min

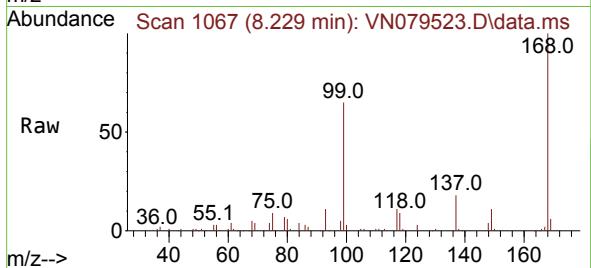
Lab File: VN079523.D

Acq: 11 Oct 2023 17:36

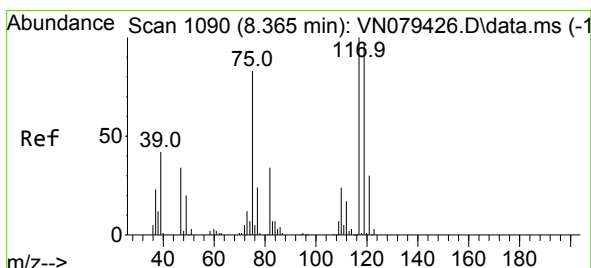
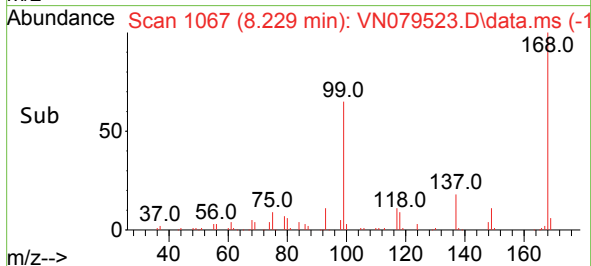
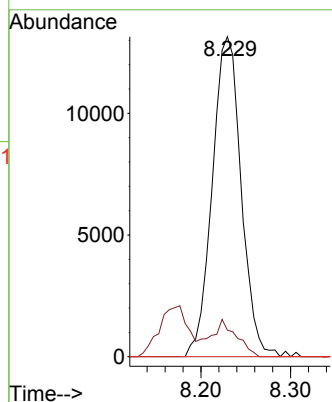
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 29368
Ion Ratio	Lower Upper
75	100
110	9.7 19.1 57.3#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.281 ug/l

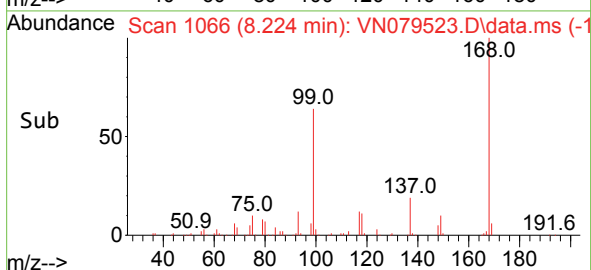
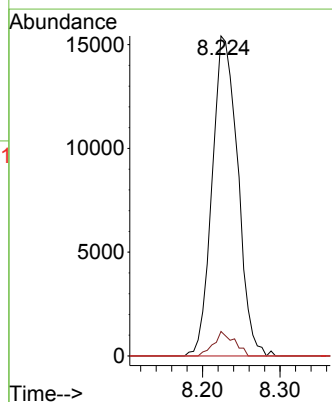
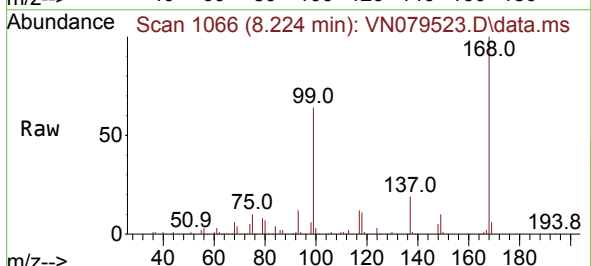
RT: 8.224 min Scan# 1066

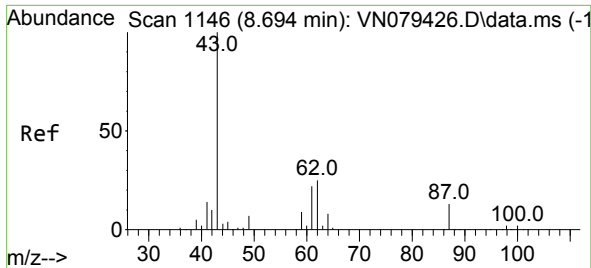
Delta R.T. -0.141 min

Lab File: VN079523.D

Acq: 11 Oct 2023 17:36

Tgt Ion: 117	Resp: 35435
Ion Ratio	Lower Upper
117	100
119	7.6 77.3 115.9#
121	0.0 23.3 34.9#

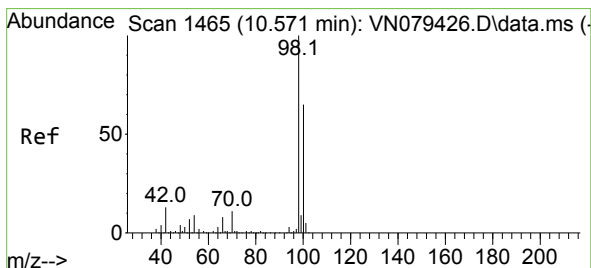
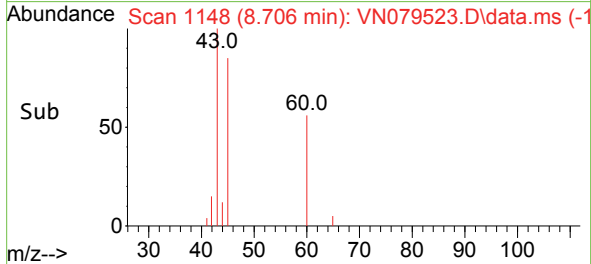
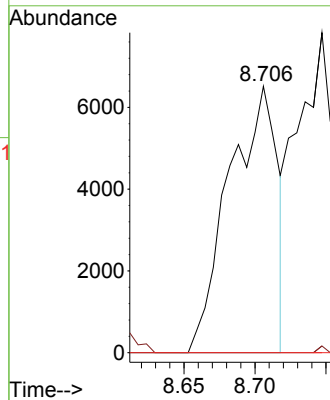
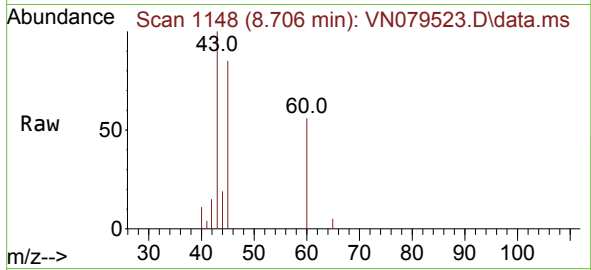




#43
Isopropyl Acetate
Concen: 1.313 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.012 min
Lab File: VN079523.D
Acq: 11 Oct 2023 17:36

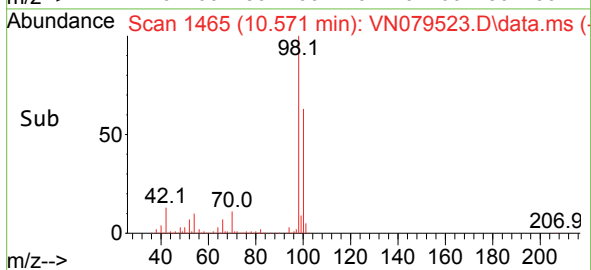
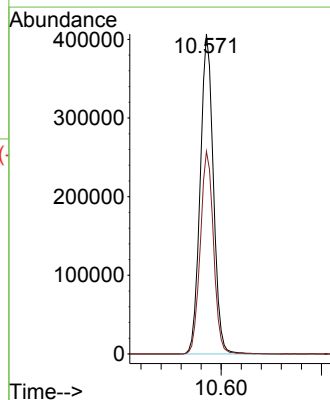
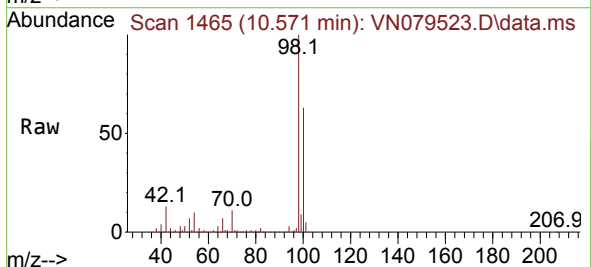
Instrument :
MSVOA_N
ClientSampleId :

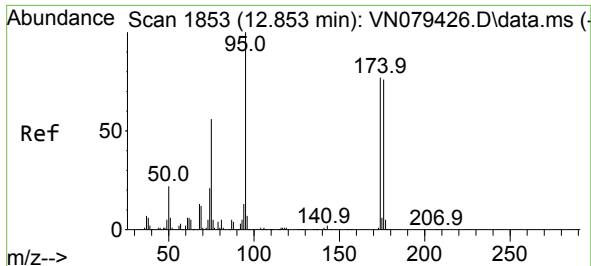
Tgt Ion: 43 Resp: 15346
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 45.805 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079523.D
Acq: 11 Oct 2023 17:36

Tgt Ion: 98 Resp: 740145
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

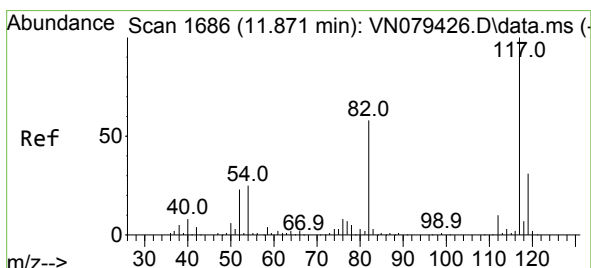
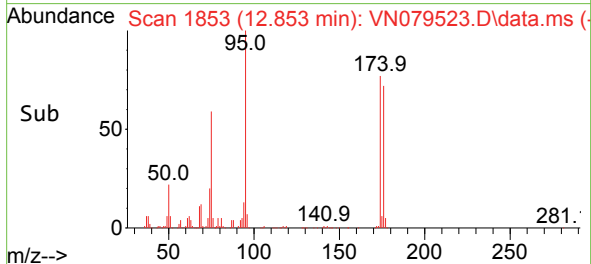
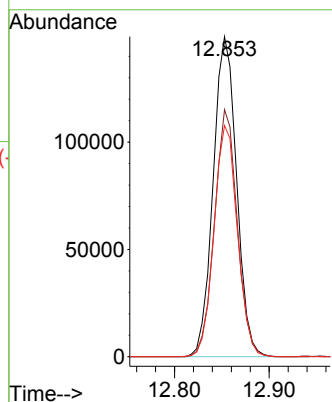
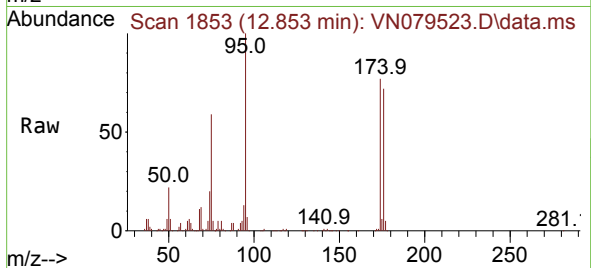




#62
4-Bromofluorobenzene
Concen: 49.460 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079523.D
Acq: 11 Oct 2023 17:36

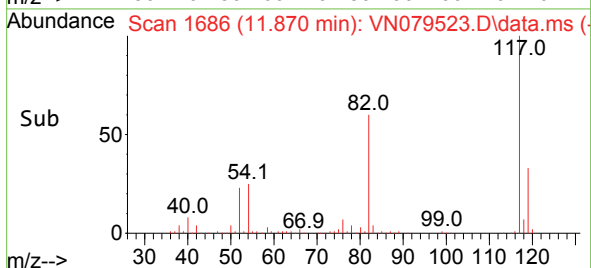
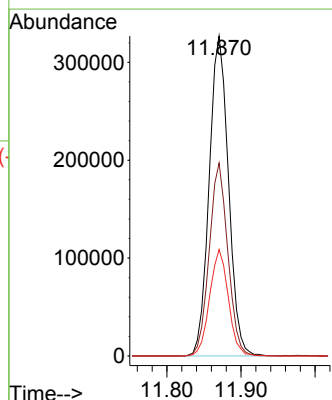
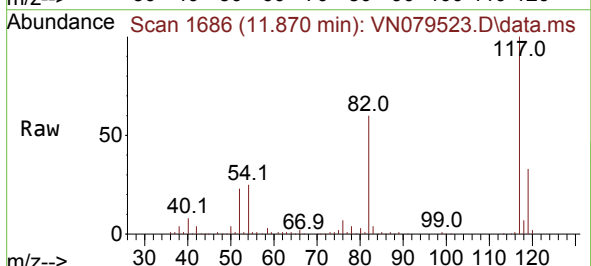
Instrument :
MSVOA_N
ClientSampleId :

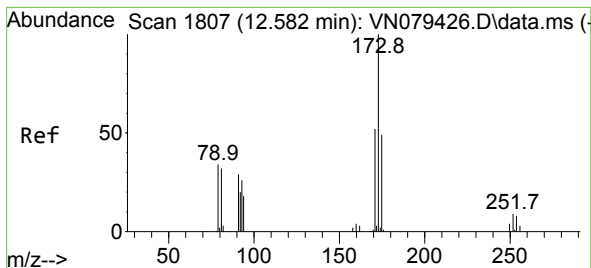
Tgt Ion: 95 Resp: 256478
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 72.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079523.D
Acq: 11 Oct 2023 17:36

Tgt Ion: 117 Resp: 591303
Ion Ratio Lower Upper
117 100
82 60.3 44.0 66.0
119 33.3 25.6 38.4





#71

Bromoform

Concen: 0.621 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.270 min

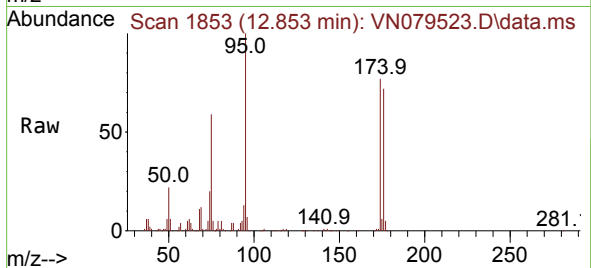
Lab File: VN079523.D

Acq: 11 Oct 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :



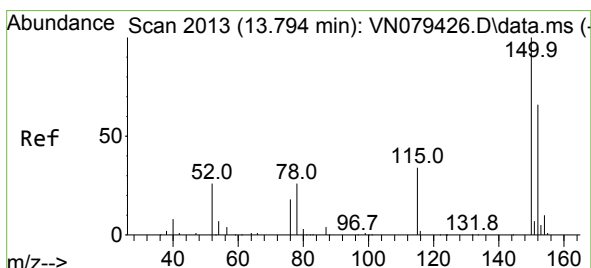
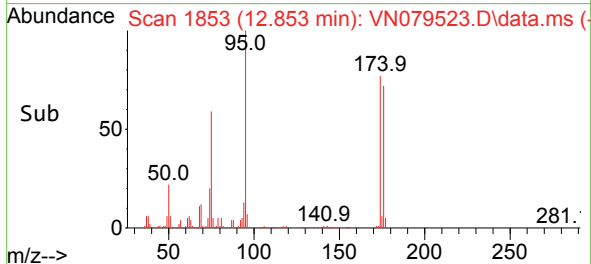
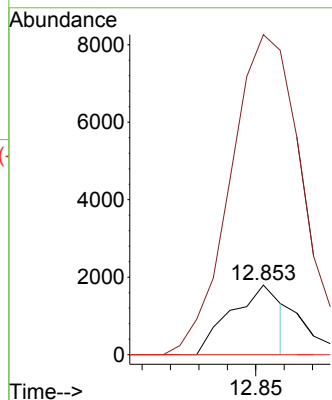
Tgt Ion:173 Resp: 2191

Ion Ratio Lower Upper

173 100

175 498.3 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: VN079523.D

Acq: 11 Oct 2023 17:36

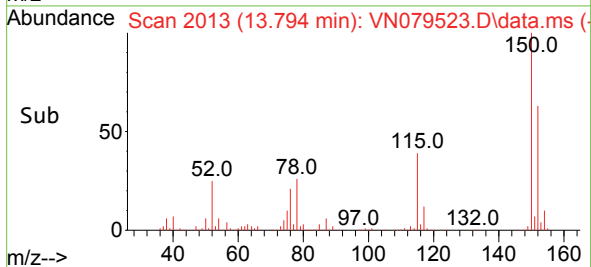
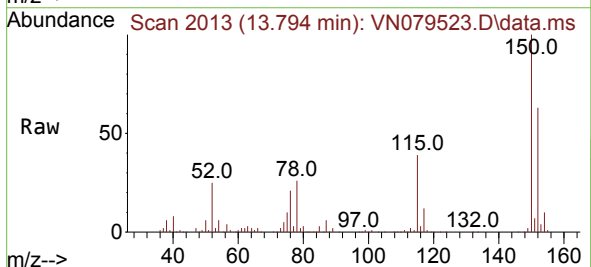
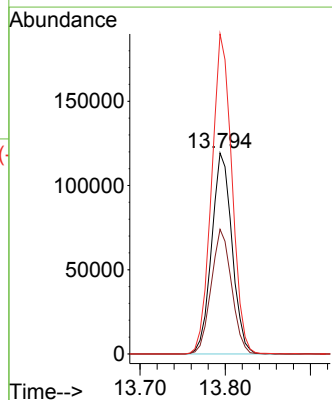
Tgt Ion:152 Resp: 198037

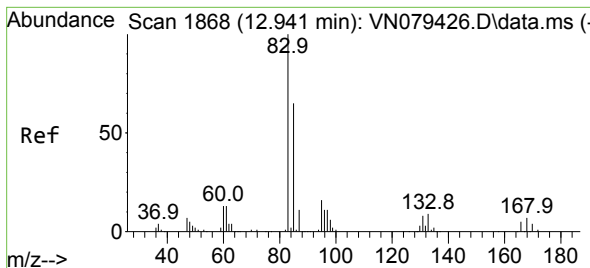
Ion Ratio Lower Upper

152 100

115 62.0 32.3 96.8

150 158.4 0.0 355.8





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.870 min Scan# 1856

Delta R.T. -0.071 min

Lab File: VN079523.D

Acq: 11 Oct 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

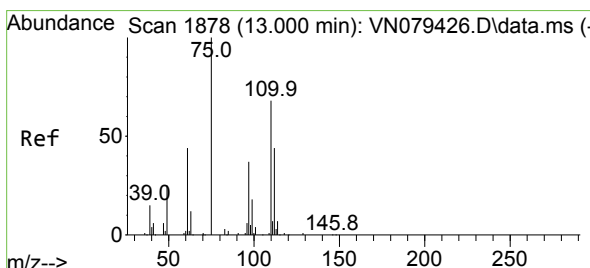
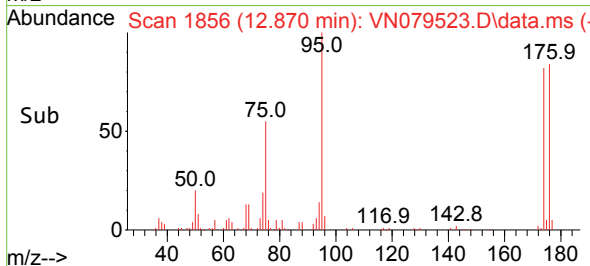
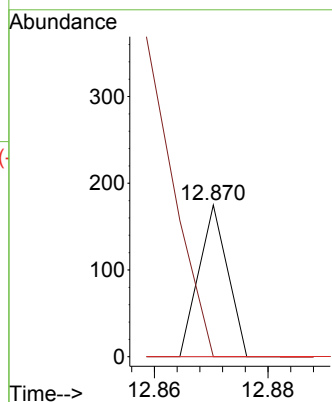
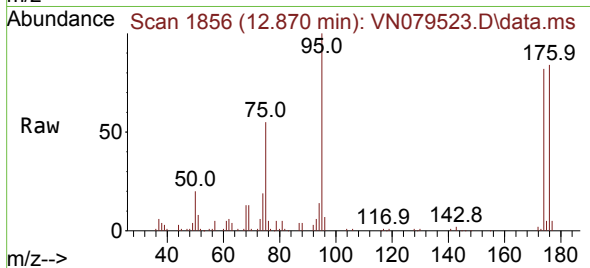
Tgt Ion: 83 Resp: 62

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 25.615 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079523.D

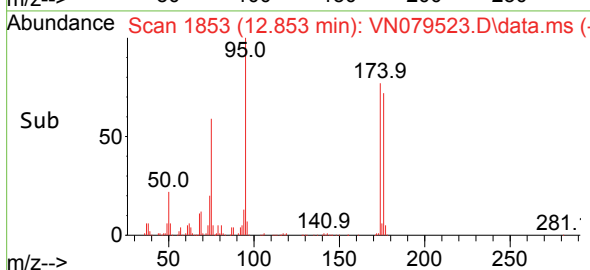
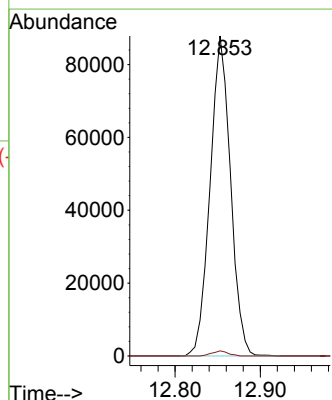
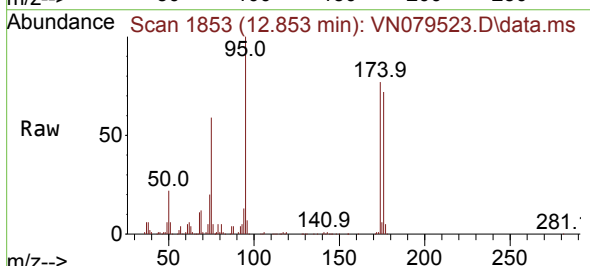
Acq: 11 Oct 2023 17:36

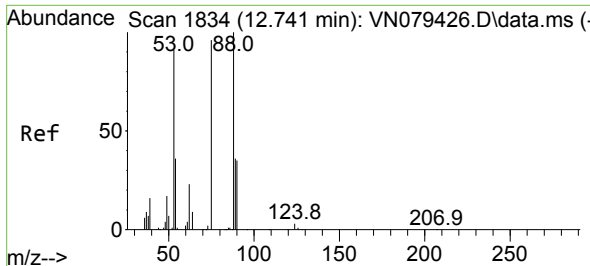
Tgt Ion: 75 Resp: 146259

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#

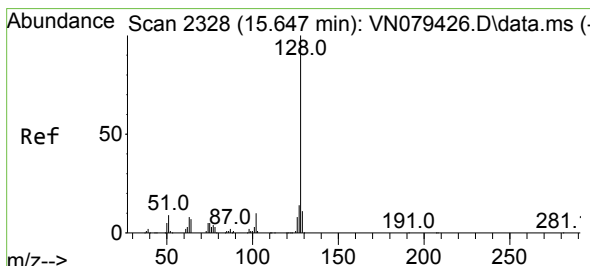
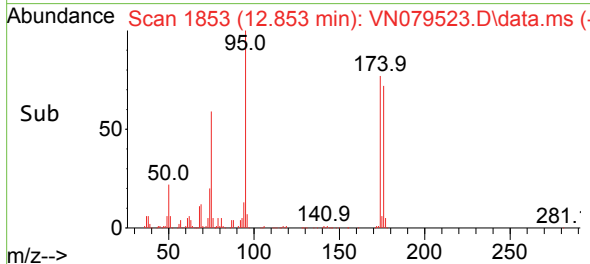
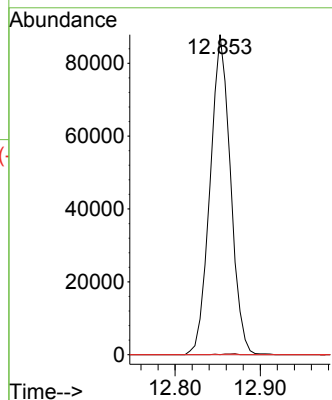
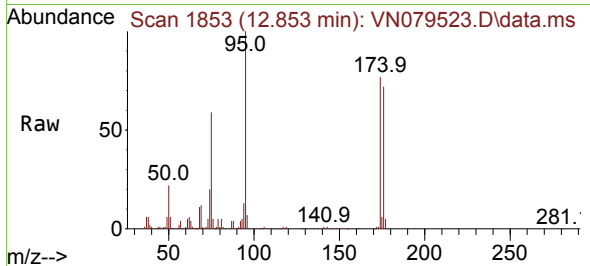




#81
trans-1,4-Dichloro-2-butene
Concen: 74.322 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079523.D
Acq: 11 Oct 2023 17:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 146259
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 1.995 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079523.D
Acq: 11 Oct 2023 17:36

Tgt Ion:128 Resp: 13186
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.9 8.7 13.1

