

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079525.D
 Acq On : 11 Oct 2023 18:24
 Operator : JC\MD
 Sample : 04833-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 06:13:37 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	277295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	545436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	501669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157411	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	227298	50.554	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.100%
35) Dibromofluoromethane	8.171	113	199315	50.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.700%
50) Toluene-d8	10.571	98	633762	44.686	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.380%
62) 4-Bromofluorobenzene	12.853	95	213553	46.919	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.840%

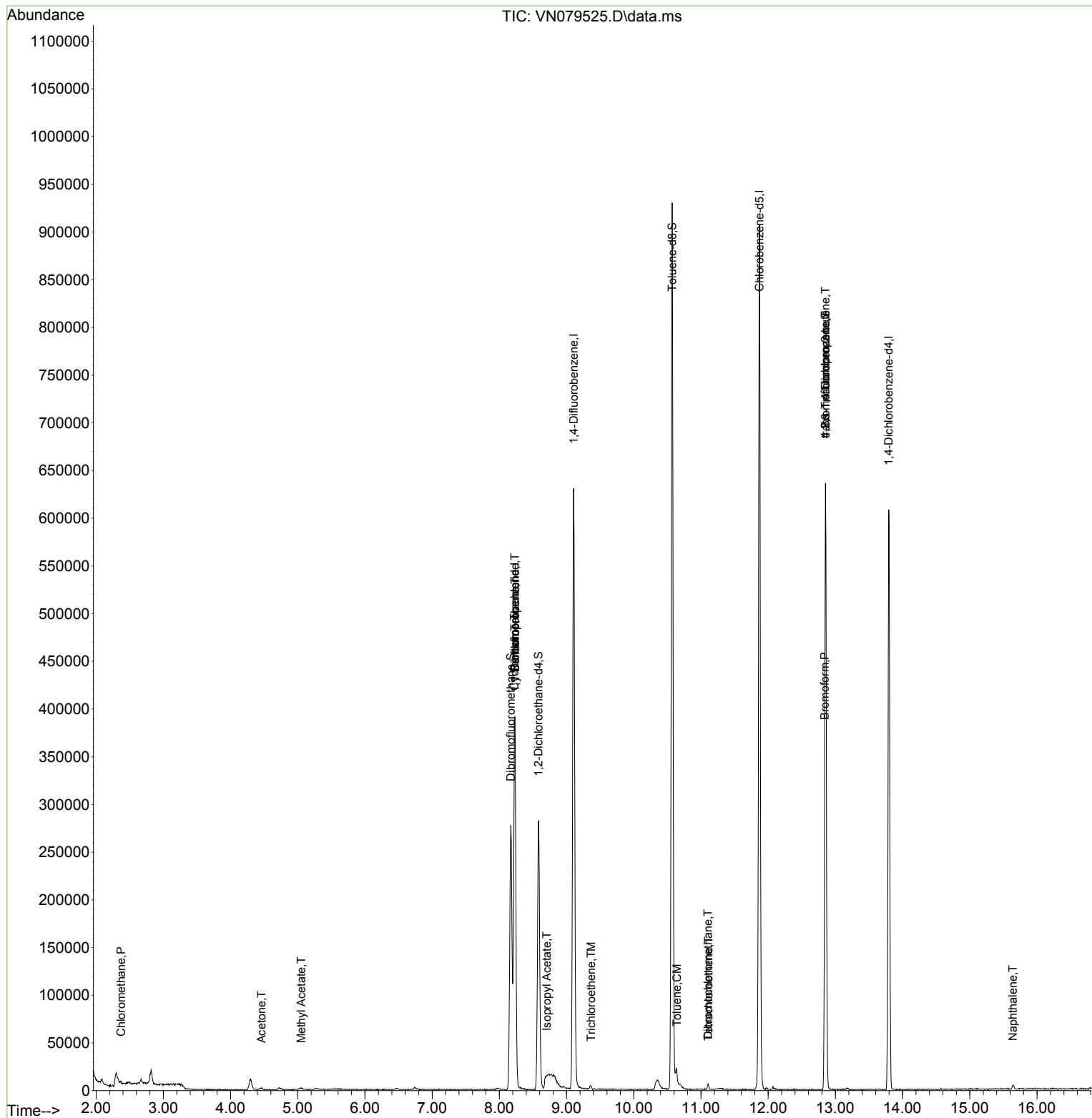
Target Compounds					Qvalue	
3) Chloromethane	2.371	50	1107	0.223	ug/l	100
16) Acetone	4.459	43	3376	1.893	ug/l	# 87
18) Methyl Acetate	5.053	43	3969	0.455	ug/l	# 66
20) Methylene Chloride	5.271	84	725	Below Cal	#	29
31) Cyclohexane	8.224	56	7584	1.189	ug/l	# 55
36) 1,1-Dichloropropene	8.235	75	25372	4.313	ug/l	# 47
38) Carbon Tetrachloride	8.230	117	31553	5.358	ug/l	# 15
43) Isopropyl Acetate	8.706	43	12855	1.253	ug/l	# 49
44) Trichloroethene	9.365	130	1318	0.321	ug/l	61
52) Toluene	10.641	92	7360	0.716	ug/l	98
60) Dibromochloromethane	11.106	129	1047	0.252	ug/l	# 11
64) Tetrachloroethene	11.112	164	957	0.277	ug/l	# 69
71) Bromoform	12.841	173	748	0.250	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.941	83	68	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	119665	26.366	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	119665	76.502	ug/l	# 15
95) Naphthalene	15.641	128	4102	0.781	ug/l	# 96

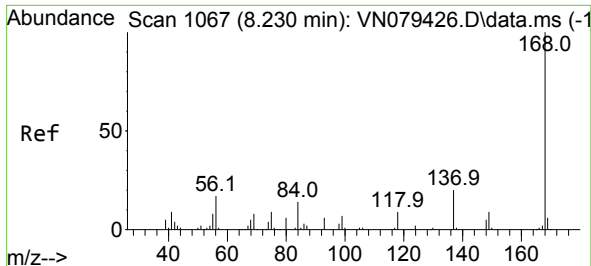
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
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ClientSampleId :

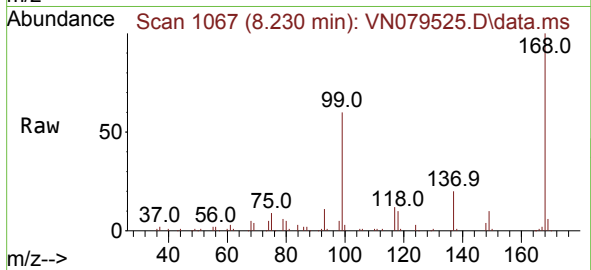
Quant Time: Oct 12 06:13:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration



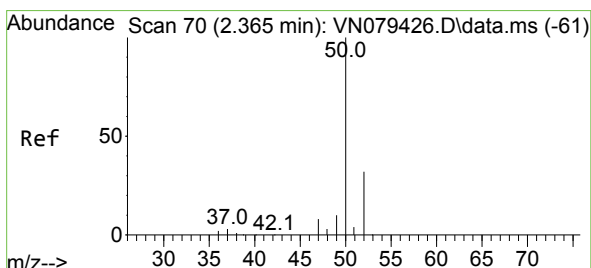
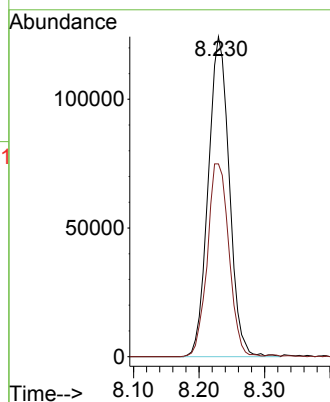
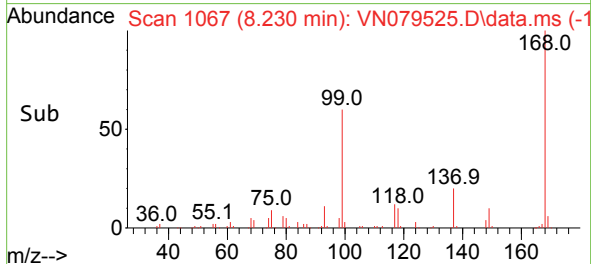


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

Instrument :
MSVOA_N
ClientSampleId :

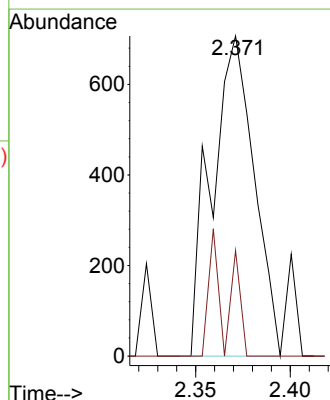
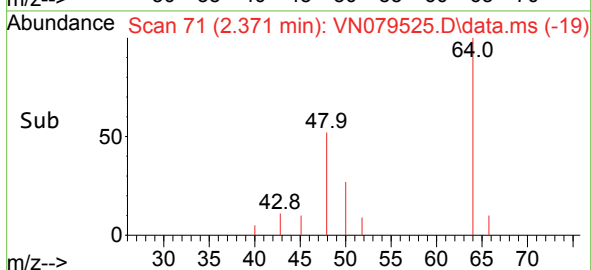
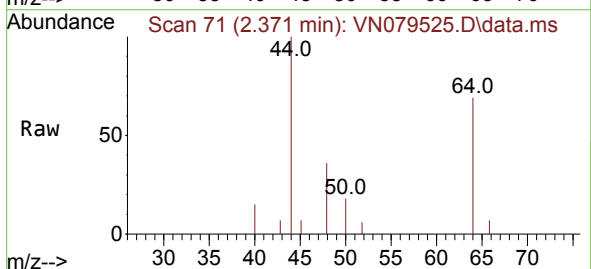


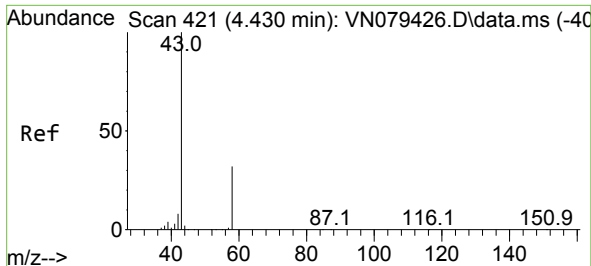
Tgt Ion:168 Resp: 277295
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6



#3
Chloromethane
Concen: 0.223 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

Tgt Ion: 50 Resp: 1107
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

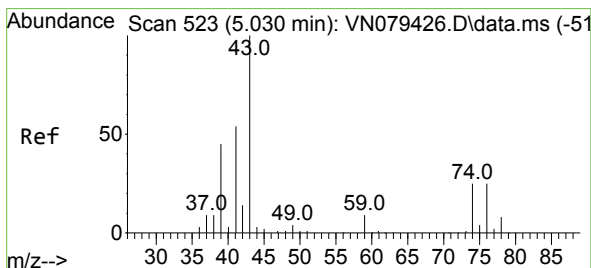
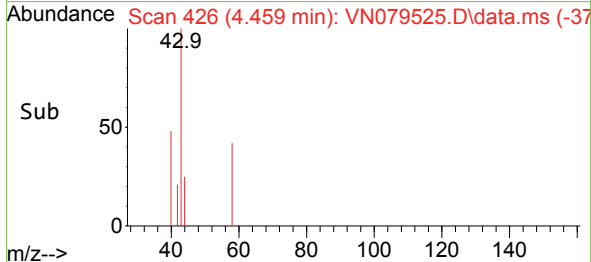
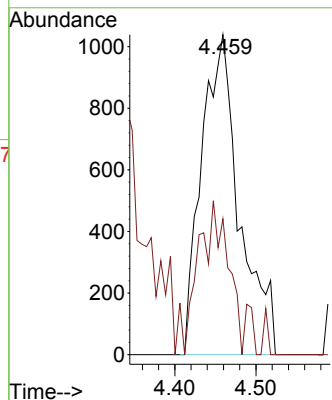
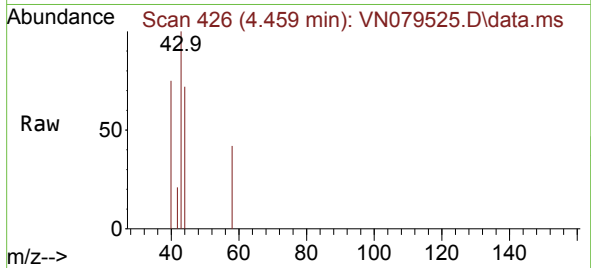




#16
Acetone
Concen: 1.893 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

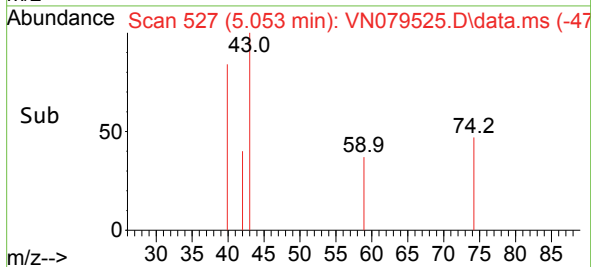
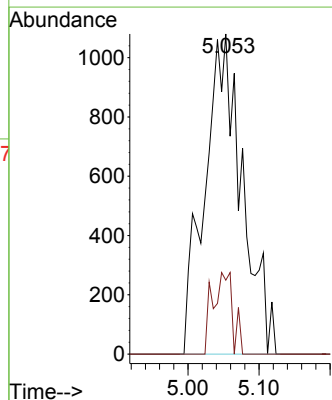
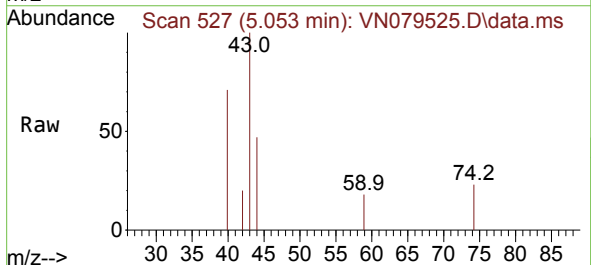
Instrument :
MSVOA_N
ClientSampleId :

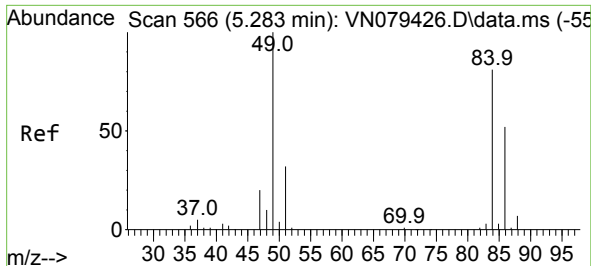
Tgt Ion: 43 Resp: 3376
Ion Ratio Lower Upper
43 100
58 42.4 28.0 42.0#



#18
Methyl Acetate
Concen: 0.455 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.023 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

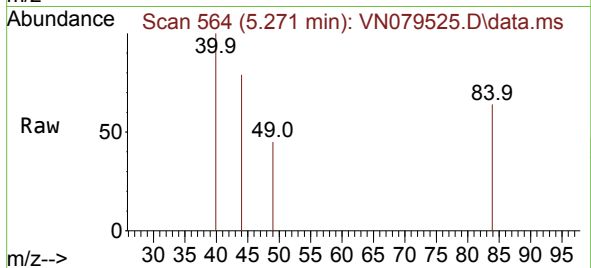
Tgt Ion: 43 Resp: 3969
Ion Ratio Lower Upper
43 100
74 13.5 26.2 39.4#



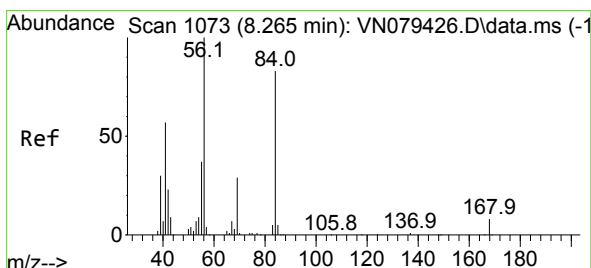
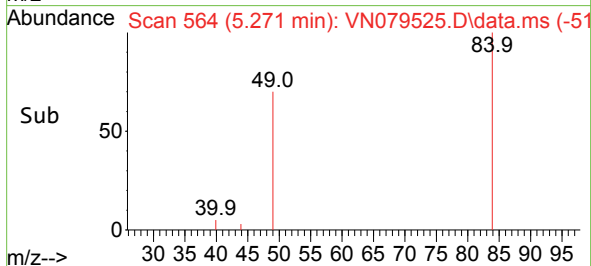
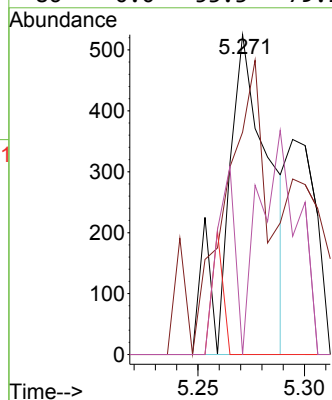


#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 50
Delta R.T. -0.012 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

Instrument :
MSVOA_N
ClientSampleId :

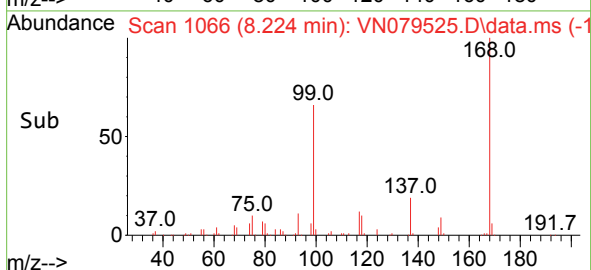
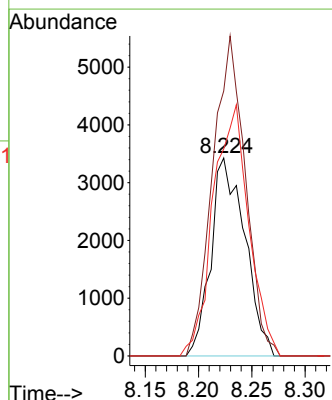
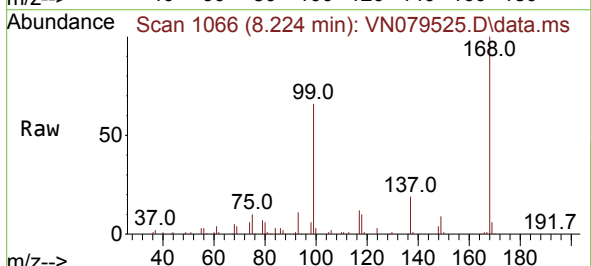


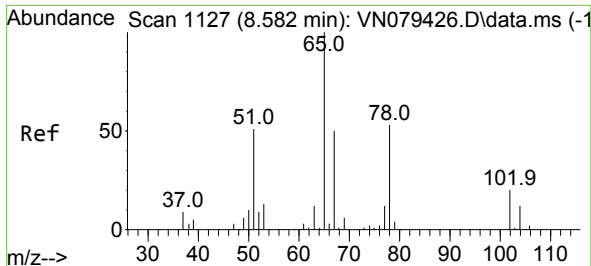
Tgt Ion: 84 Resp: 725
Ion Ratio Lower Upper
84 100
49 33.1 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#



#31
Cyclohexane
Concen: 1.189 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

Tgt Ion: 56 Resp: 7584
Ion Ratio Lower Upper
56 100
69 133.9 26.8 40.2#
84 104.5 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 50.554 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079525.D

Acq: 11 Oct 2023 18:24

Instrument :

MSVOA_N

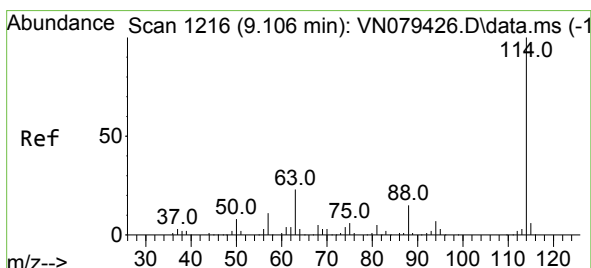
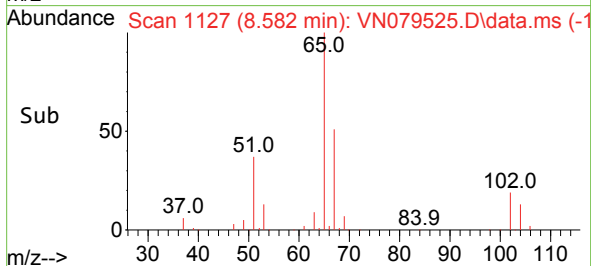
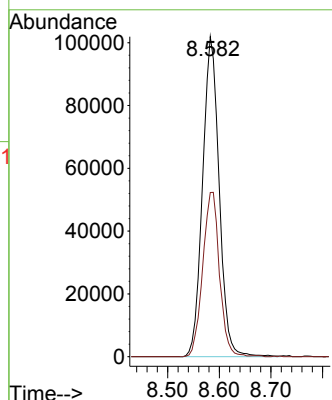
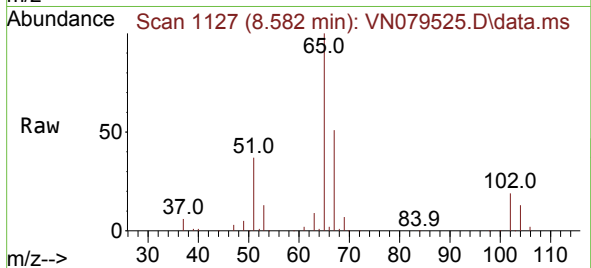
ClientSampleId :

Tgt Ion: 65 Resp: 227298

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# 1216

Delta R.T. -0.000 min

Lab File: VN079525.D

Acq: 11 Oct 2023 18:24

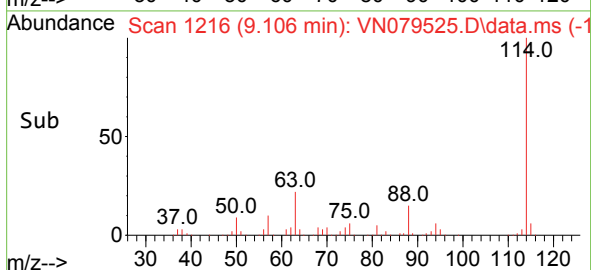
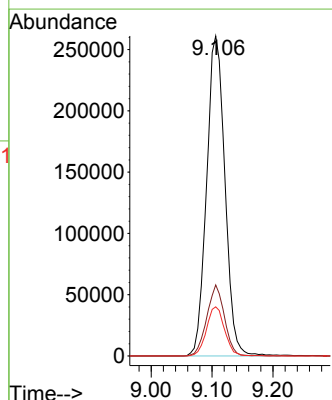
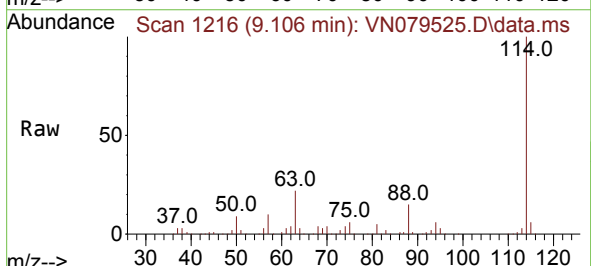
Tgt Ion: 114 Resp: 545436

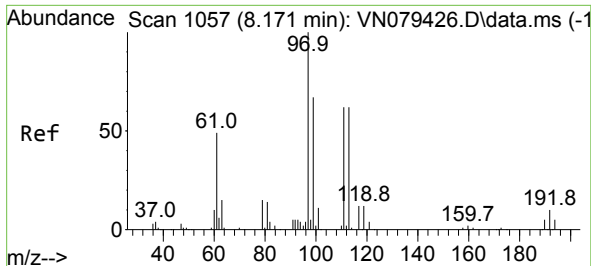
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.850 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

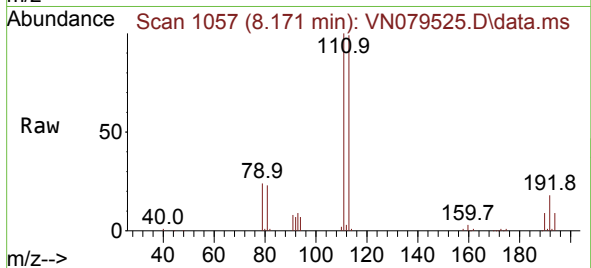
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Acq: 11 Oct 2023 18:24

Instrument :

MSVOA_N

ClientSampleId :



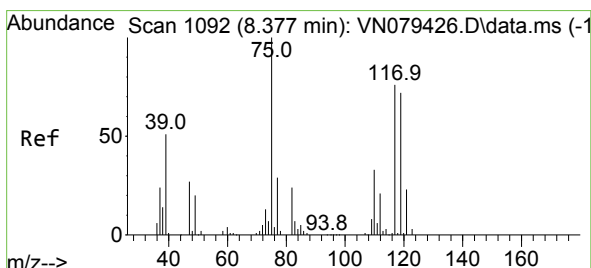
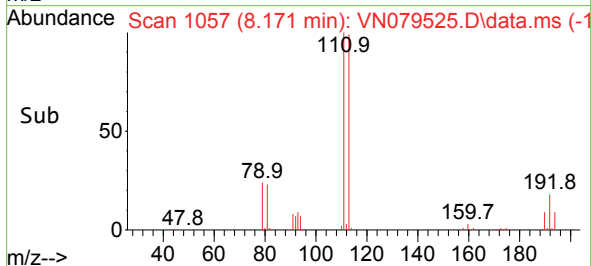
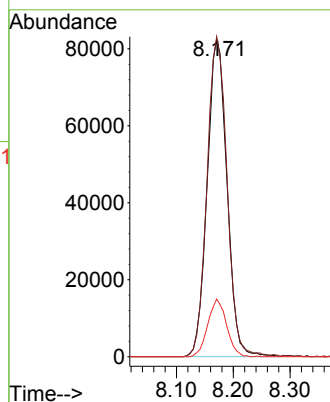
Tgt Ion:113 Resp: 199315

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

192 17.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.313 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VN079525.D

Acq: 11 Oct 2023 18:24

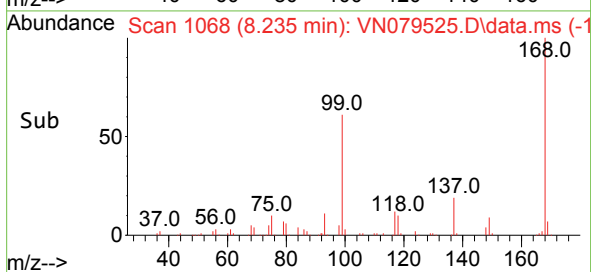
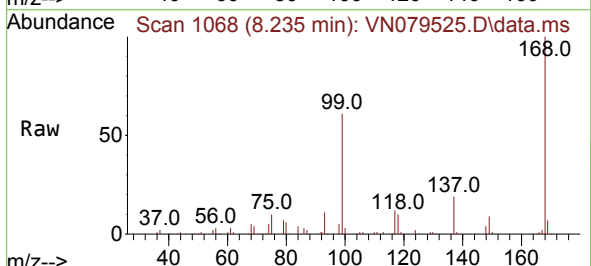
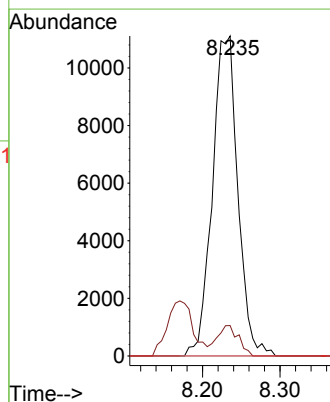
Tgt Ion: 75 Resp: 25372

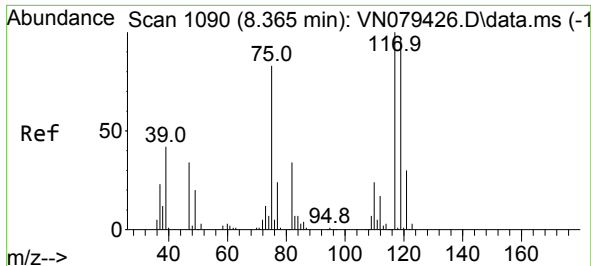
Ion Ratio Lower Upper

75 100

110 8.1 19.1 57.3#

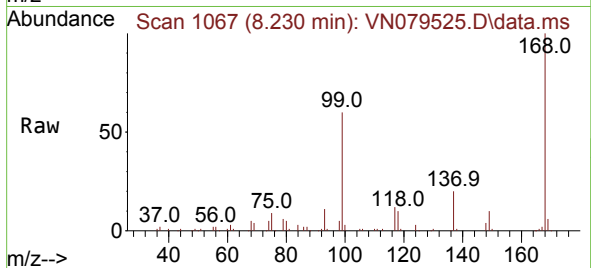
77 0.0 25.0 37.4#



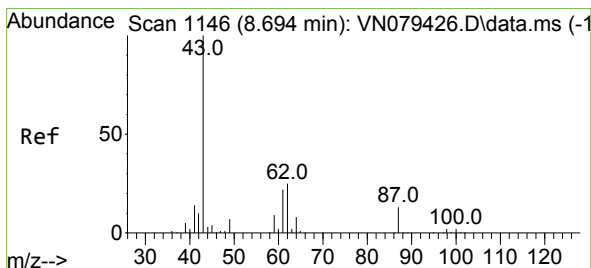
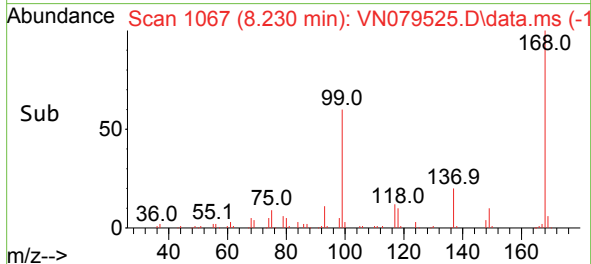
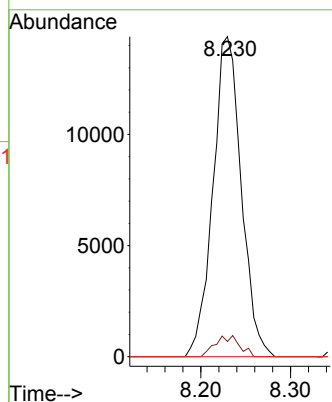


#38
Carbon Tetrachloride
Concen: 5.358 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

Instrument :
MSVOA_N
ClientSampleId :

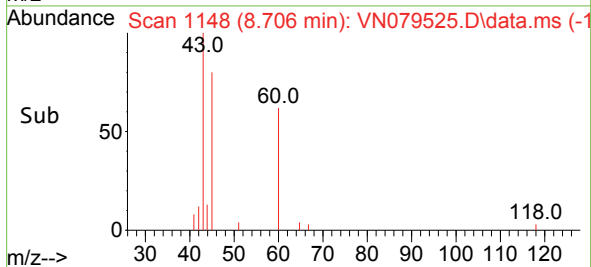
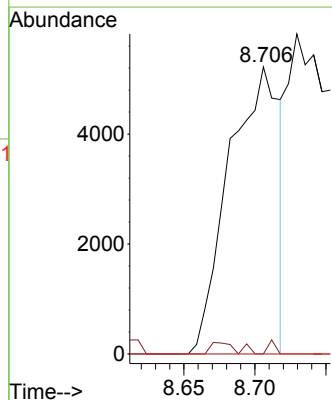
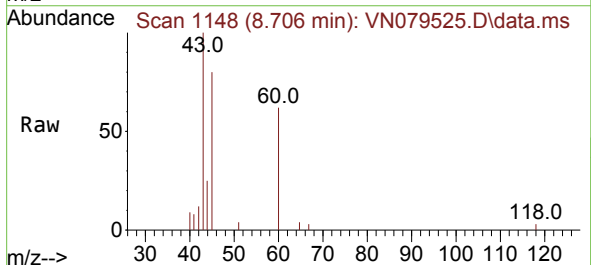


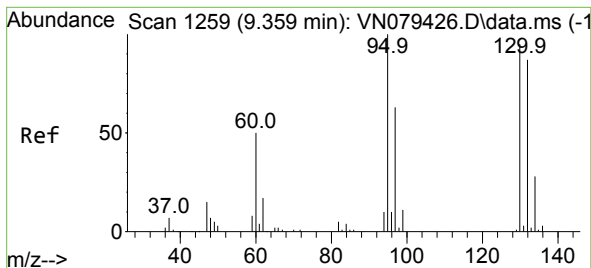
Tgt Ion:117 Resp: 31553
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 1.253 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.012 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

Tgt Ion: 43 Resp: 12855
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#





#44

Trichloroethene

Concen: 0.321 ug/l

RT: 9.365 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079525.D

Acq: 11 Oct 2023 18:24

Instrument :

MSVOA_N

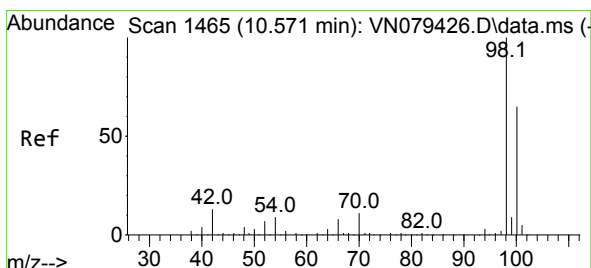
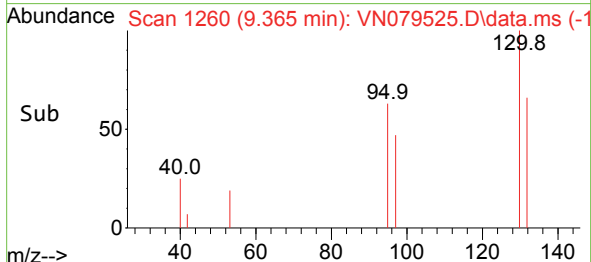
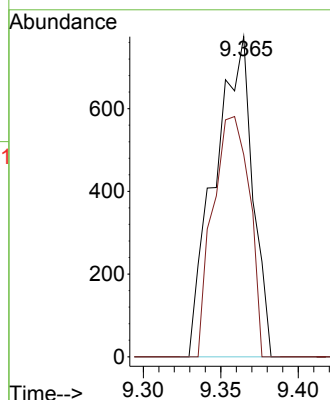
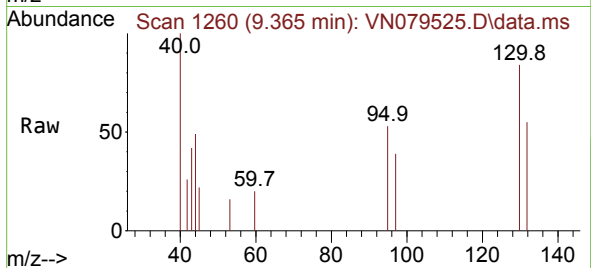
ClientSampleId :

Tgt Ion:130 Resp: 1318

Ion Ratio Lower Upper

130 100

95 63.2 0.0 204.6



#50

Toluene-d8

Concen: 44.686 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079525.D

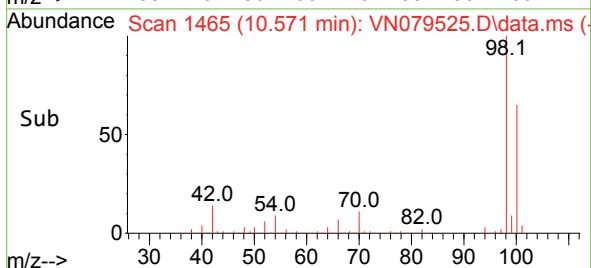
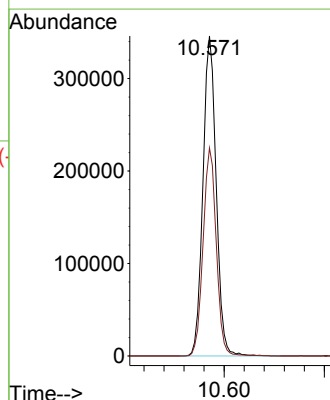
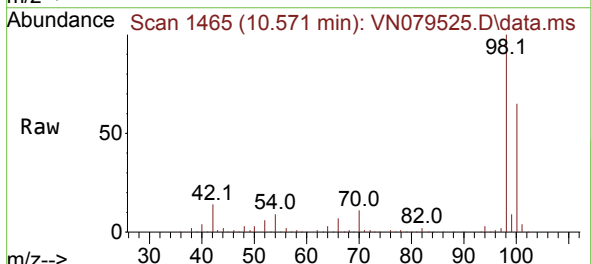
Acq: 11 Oct 2023 18:24

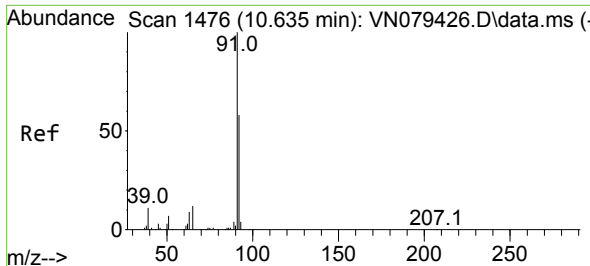
Tgt Ion: 98 Resp: 633762

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

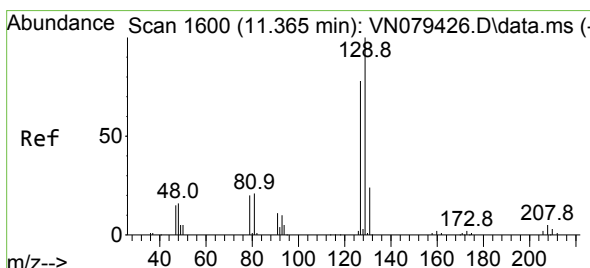
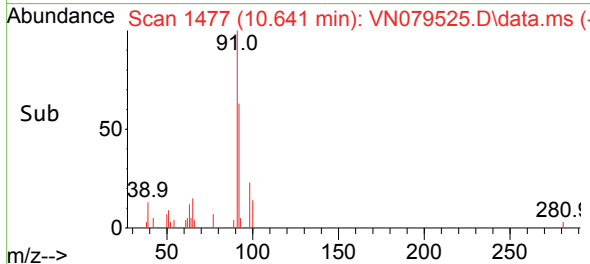
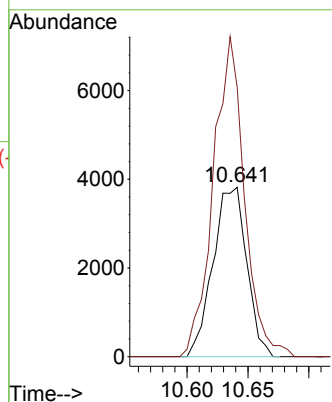
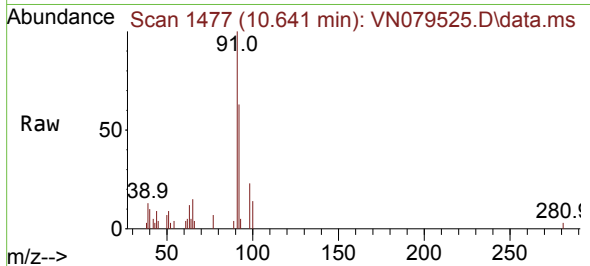




#52
Toluene
Concen: 0.716 ug/l
RT: 10.641 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

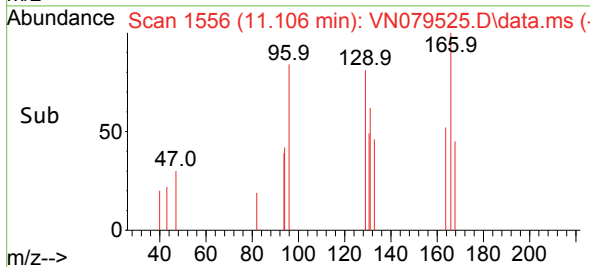
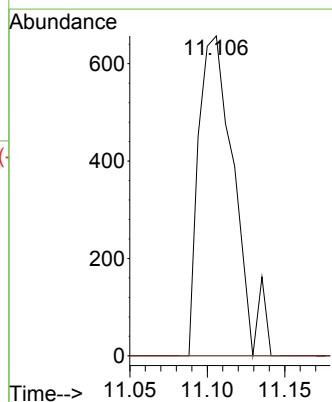
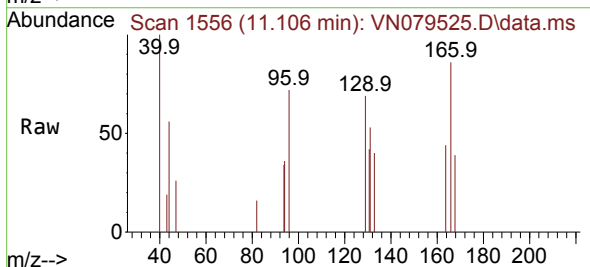
Instrument :
MSVOA_N
ClientSampleId :

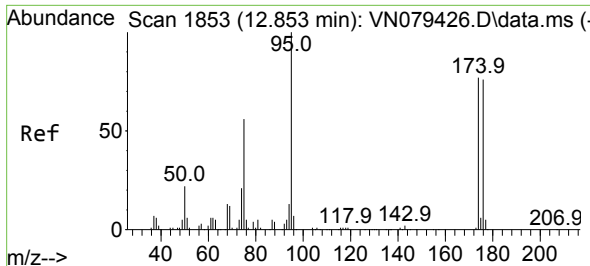
Tgt Ion: 92 Resp: 7360
Ion Ratio Lower Upper
92 100
91 174.8 137.4 206.0



#60
Dibromochloromethane
Concen: 0.252 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.259 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

Tgt Ion: 129 Resp: 1047
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

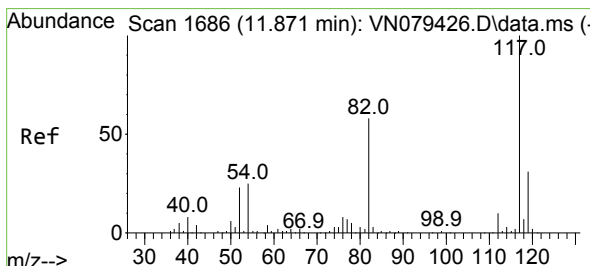
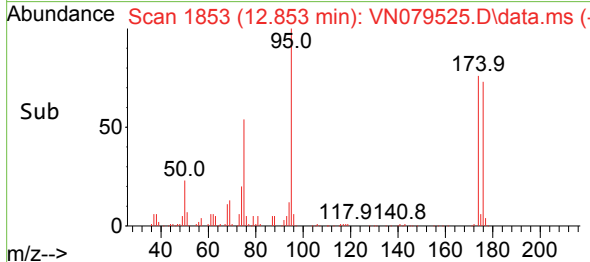
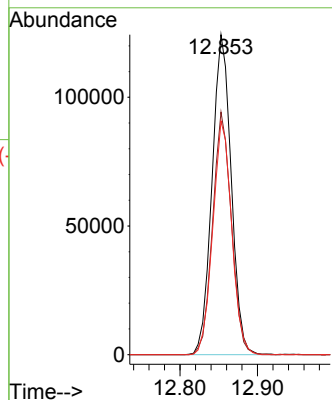
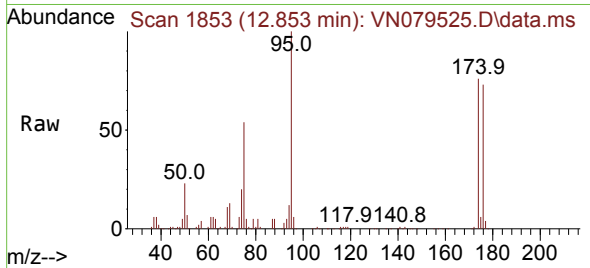




#62
4-Bromofluorobenzene
Concen: 46.919 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

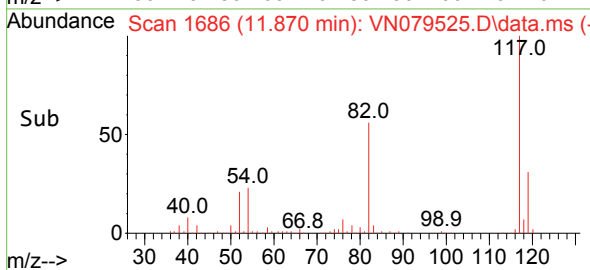
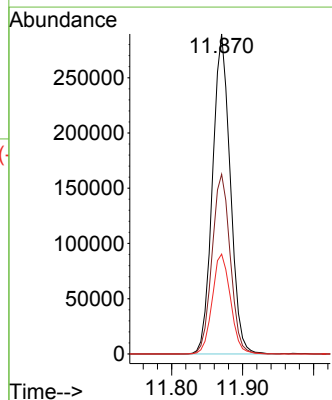
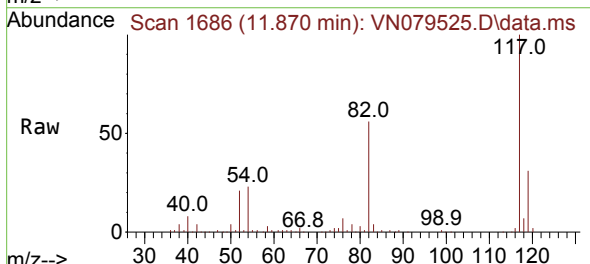
Instrument :
MSVOA_N
ClientSampleId :

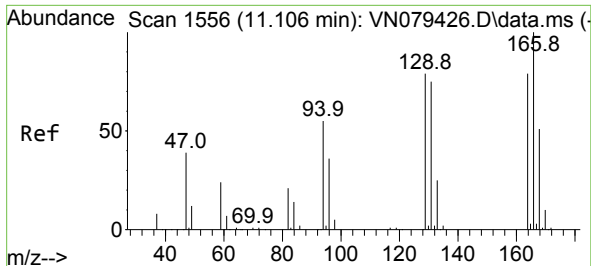
Tgt Ion: 95 Resp: 213553
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 72.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

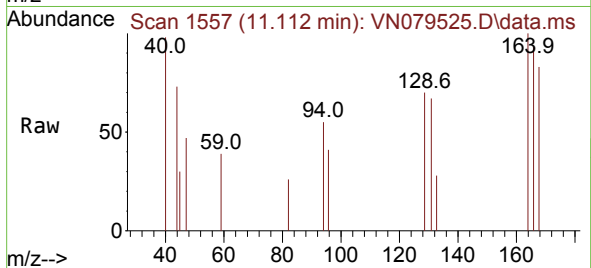
Tgt Ion: 117 Resp: 501669
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 31.2 25.6 38.4



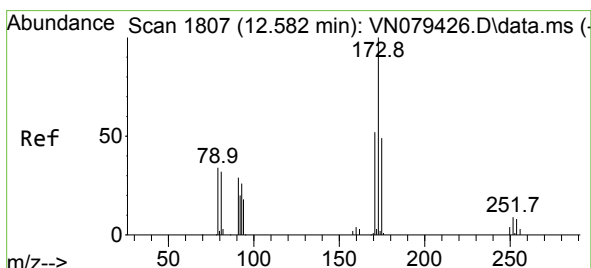
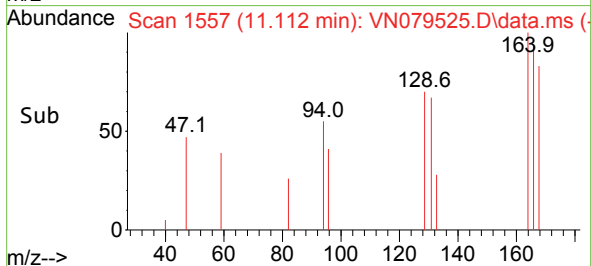
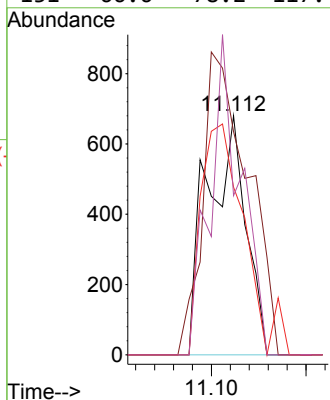


#64
Tetrachloroethene
Concen: 0.277 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

Instrument :
MSVOA_N
ClientSampleId :

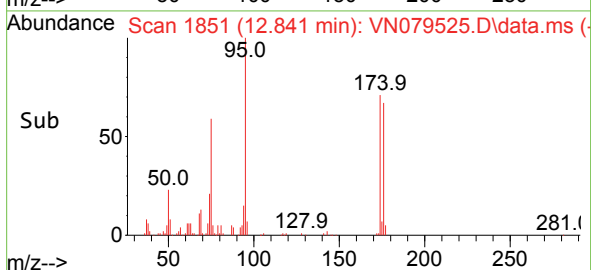
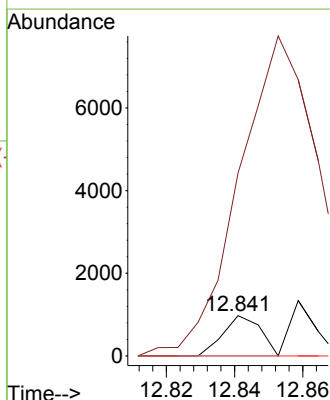
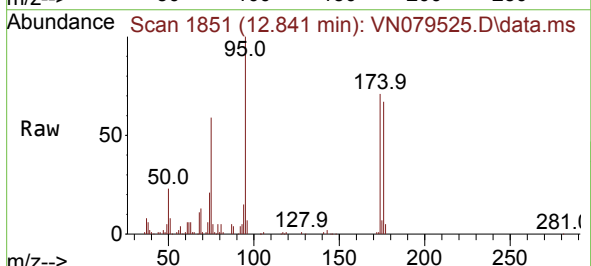


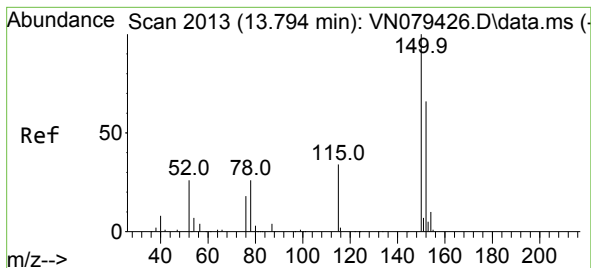
Tgt Ion:164 Resp: 957
Ion Ratio Lower Upper
164 100
166 93.4 101.4 152.0#
129 70.1 82.4 123.6#
131 66.6 78.2 117.4#



#71
Bromoform
Concen: 0.250 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

Tgt Ion:173 Resp: 748
Ion Ratio Lower Upper
173 100
175 1319.5 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# 20

Delta R.T. -0.000 min

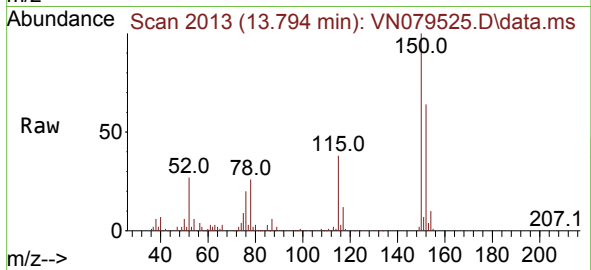
Lab File: VN079525.D

Acq: 11 Oct 2023 18:24

Instrument :

MSVOA_N

ClientSampleId :



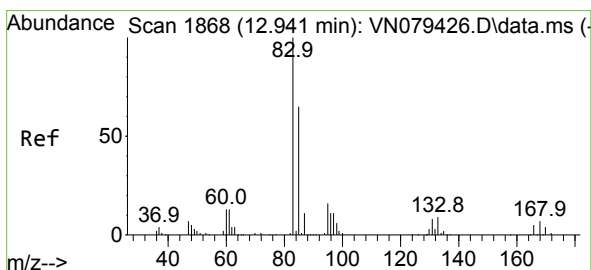
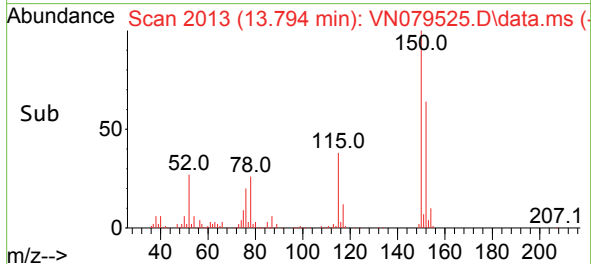
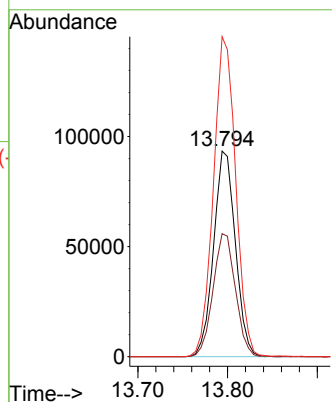
Tgt Ion:152 Resp: 157411

Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 159.2 0.0 355.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079525.D

Acq: 11 Oct 2023 18:24

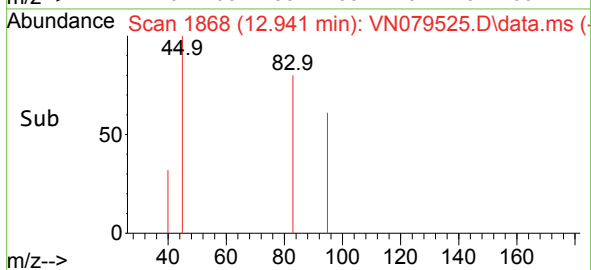
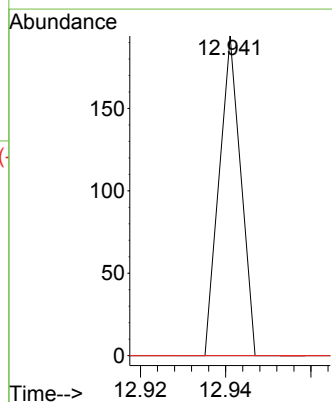
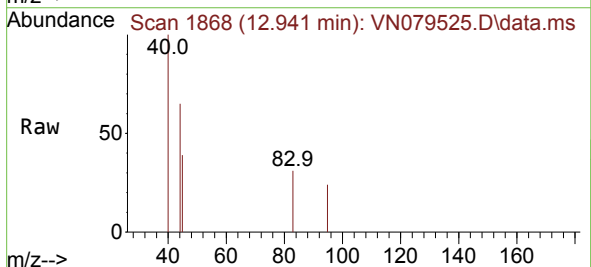
Tgt Ion: 83 Resp: 68

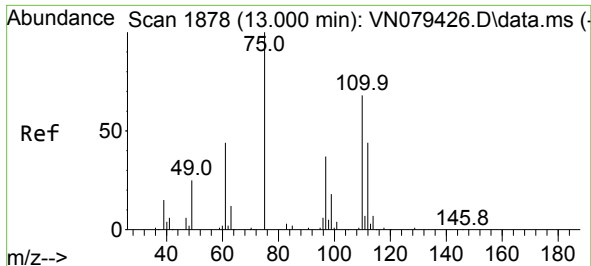
Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#

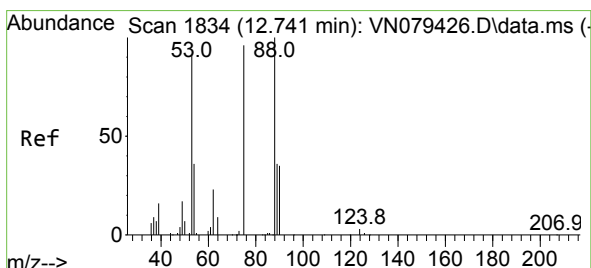
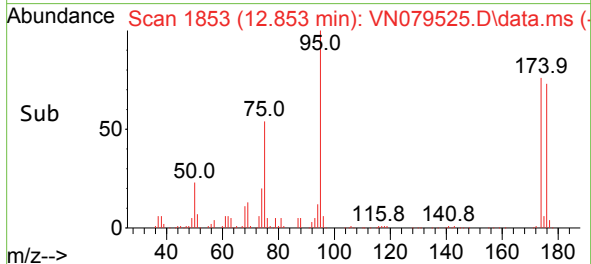
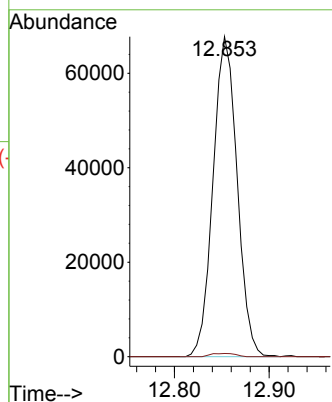
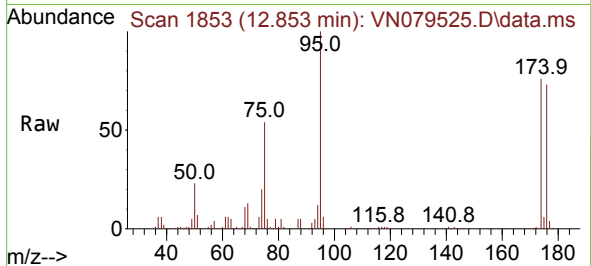




#76
1,2,3-Trichloropropane
Concen: 26.366 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

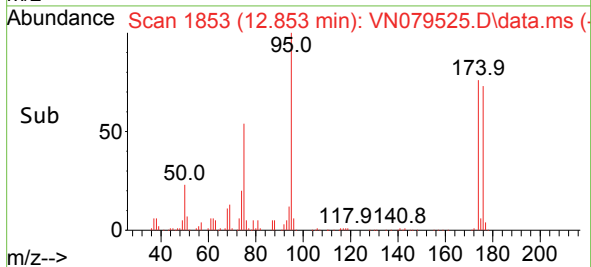
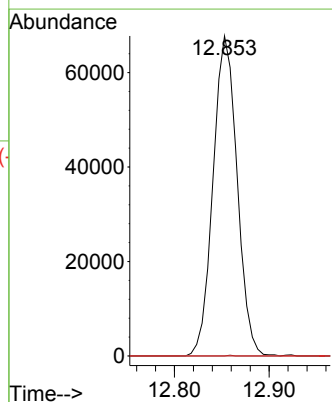
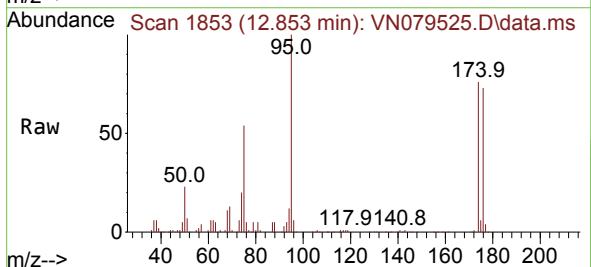
Instrument :
MSVOA_N
ClientSampleId :

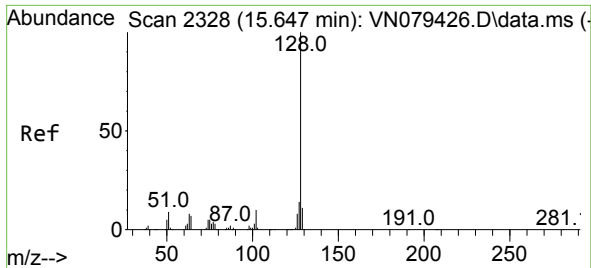
Tgt Ion: 75 Resp: 119665
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.502 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

Tgt Ion: 75 Resp: 119665
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#





#95

Naphthalene

Concen: 0.781 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.006 min

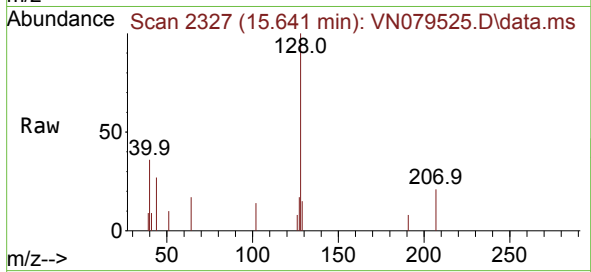
Lab File: VN079525.D

Acq: 11 Oct 2023 18:24

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	128	Resp:	4102
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	13.7	8.7	13.1#

