

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101022\
 Data File : VN074827.D
 Acq On : 10 Oct 2022 12:52
 Operator : JC\MD
 Sample : VN1010WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 11 06:22:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

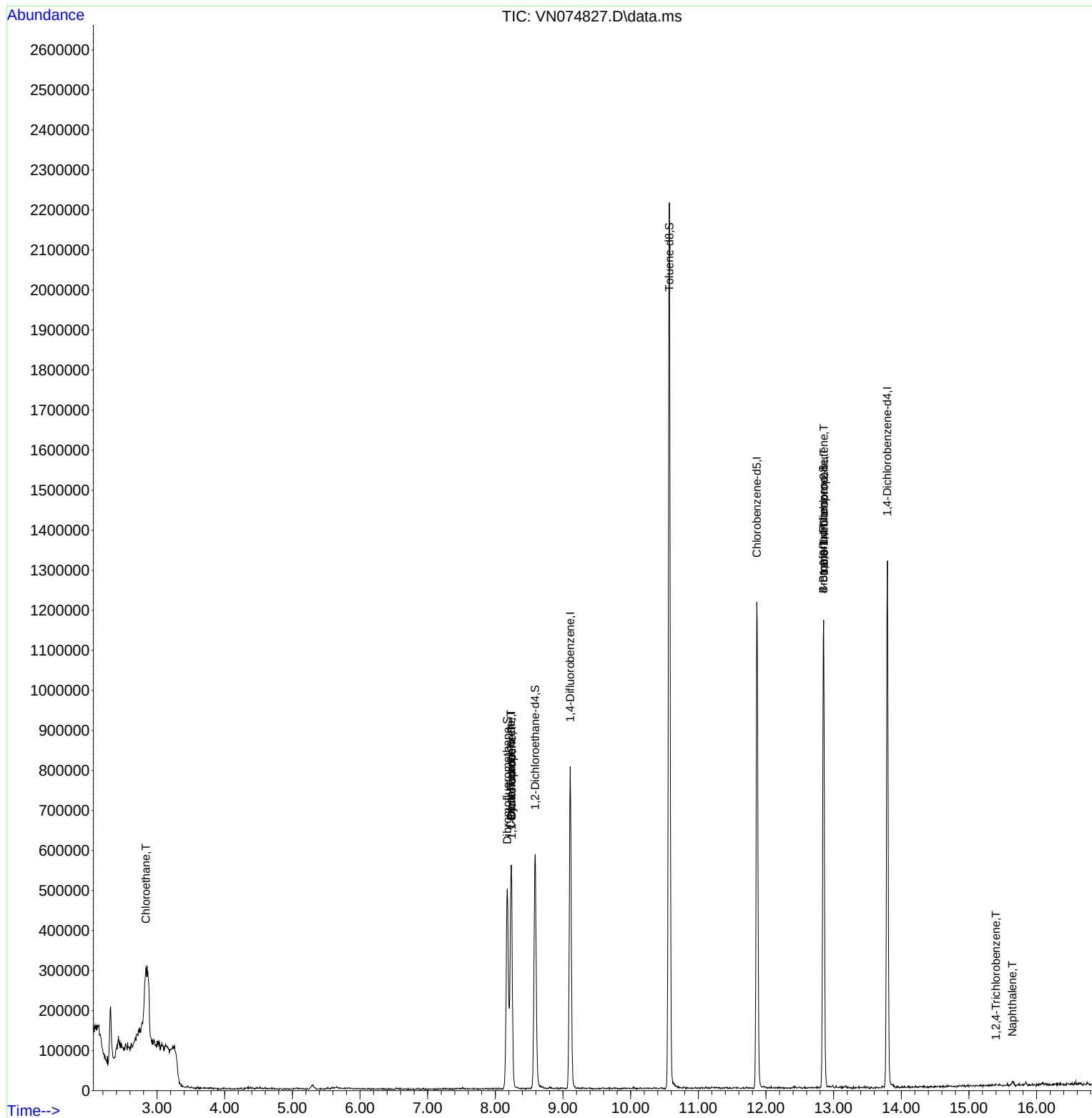
Internal Standards						
1) Pentafluorobenzene	8.236	168	392851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	658868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	694175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	329157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	436550	46.899	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.800%
35) Dibromofluoromethane	8.177	113	345114	51.843	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.680%
50) Toluene-d8	10.571	98	1481315	51.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.847	95	367117	42.280	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.560%
Target Compounds						
					Qvalue	
6) Chloroethane	2.836	64	243948	22.226	ug/l #	53
13) Acrolein	4.224	56	468	Below Cal	#	57
20) Methylene Chloride	5.300	84	4643	Below Cal	#	71
31) Cyclohexane	8.236	56	11525	0.716	ug/l #	22
36) 1,1-Dichloropropene	8.241	75	38178	3.543	ug/l #	47
38) Carbon Tetrachloride	8.230	117	41576	4.092	ug/l #	19
71) Bromoform	12.847	173	4787	0.808	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.959	83	198	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	216985	22.086	ug/l #	1
77) Bromobenzene	12.971	156	250	Below Cal	#	13
81) trans-1,4-Dichloro-2-b...	12.853	75	216985	43.032	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.400	180	1844	0.348	ug/l #	56
95) Naphthalene	15.641	128	8892	0.389	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.841	180	837	Below Cal	#	67

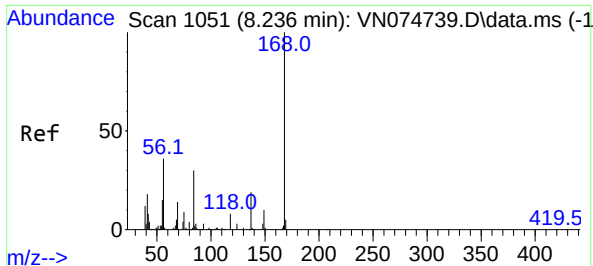
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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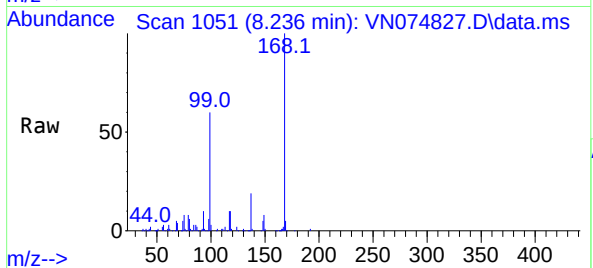
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration



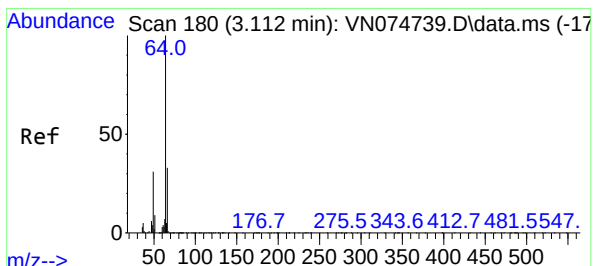
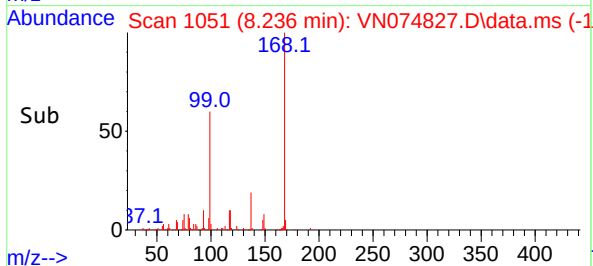
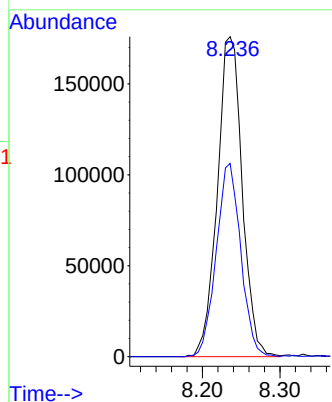


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

Instrument :
MSVOA_N
ClientSampleId :

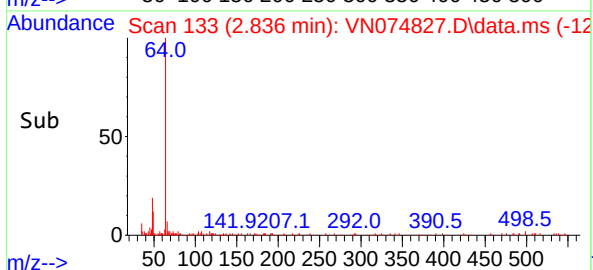
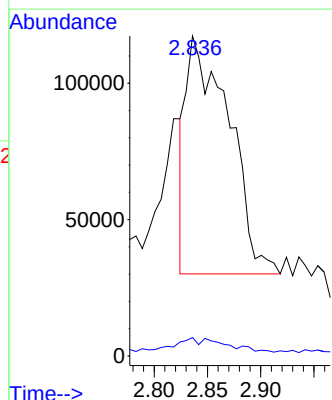
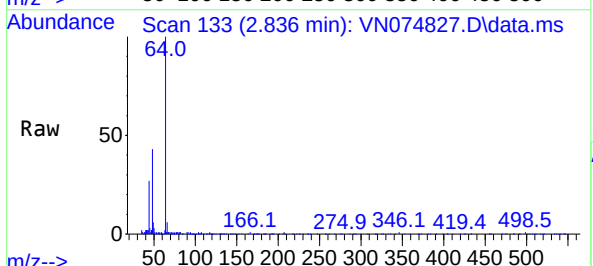


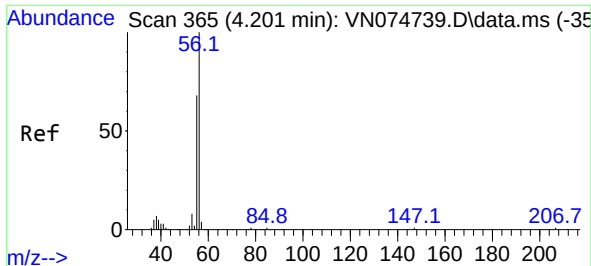
Tgt Ion:168 Resp: 392851
Ion Ratio Lower Upper
168 100
99 60.4 42.8 64.2



#6
Chloroethane
Concen: 22.226 ug/l
RT: 2.836 min Scan# 133
Delta R.T. -0.277 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

Tgt Ion: 64 Resp: 243948
Ion Ratio Lower Upper
64 100
66 5.6 25.1 37.7#

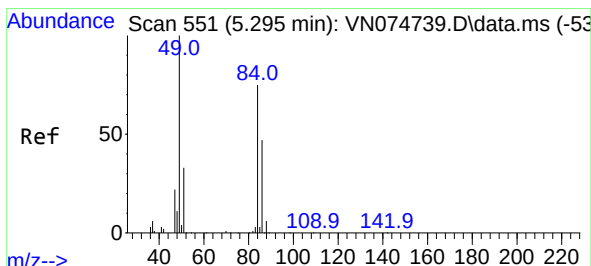
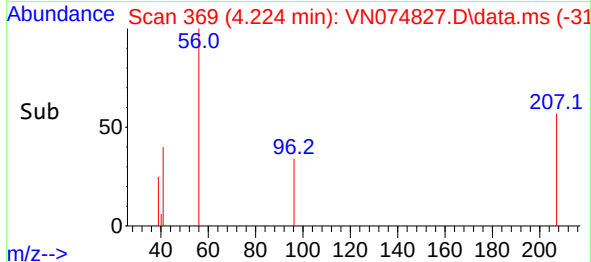
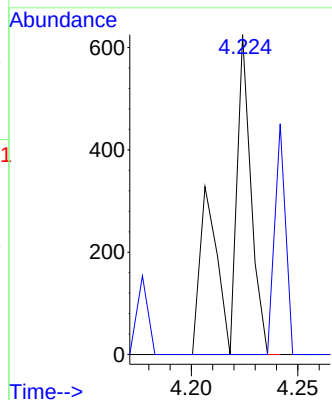
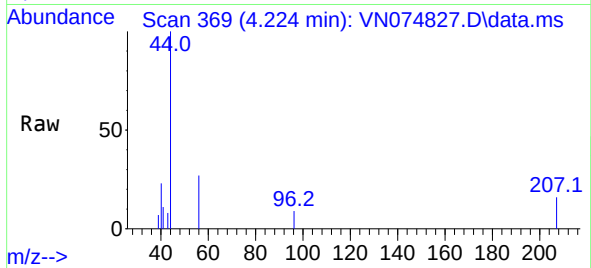




#13
Acrolein
Concen: Below Cal
RT: 4.224 min Scan# 30
Delta R.T. 0.023 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

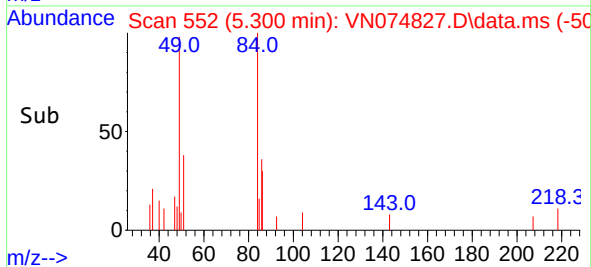
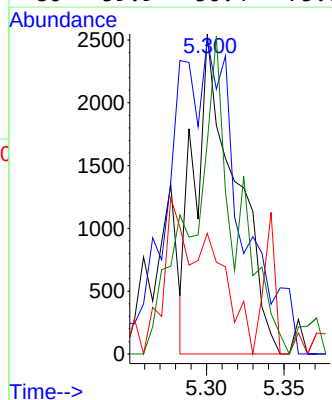
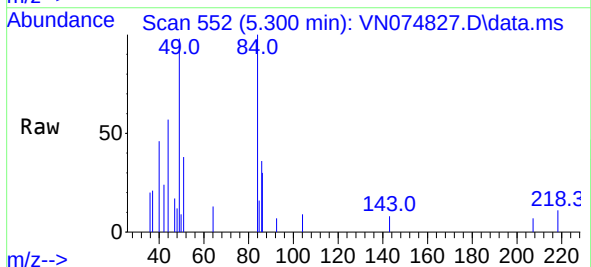
Instrument :
MSVOA_N
ClientSampleId :

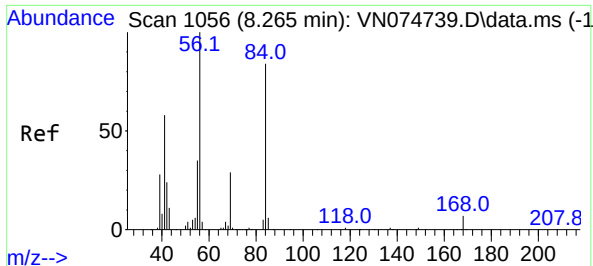
Tgt Ion: 56 Resp: 468
Ion Ratio Lower Upper
56 100
55 34.0 54.9 82.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 552
Delta R.T. 0.005 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

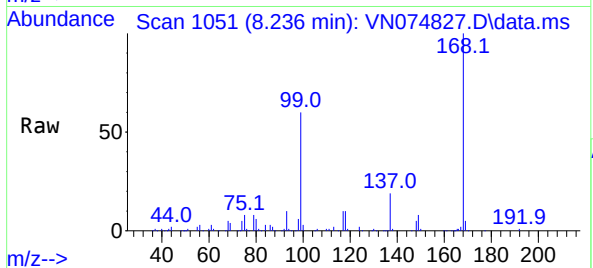
Tgt Ion: 84 Resp: 4643
Ion Ratio Lower Upper
84 100
49 77.5 107.4 161.0#
51 37.7 35.1 52.7
86 59.9 50.4 75.6



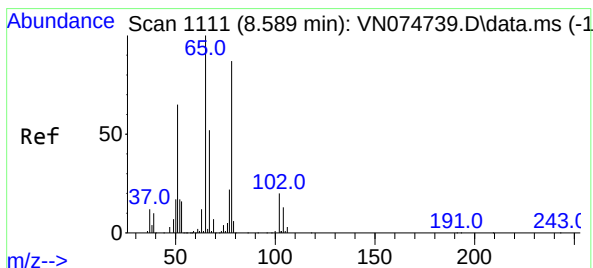
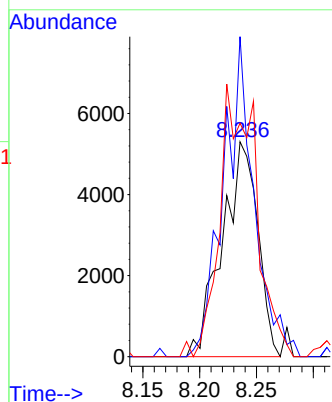
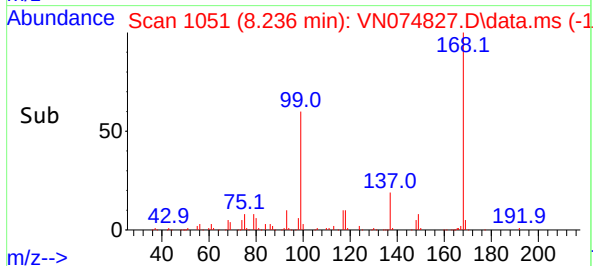


#31
Cyclohexane
Concen: 0.716 ug/l
RT: 8.236 min Scan# 11051
Delta R.T. -0.030 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

Instrument :
MSVOA_N
ClientSampleId :

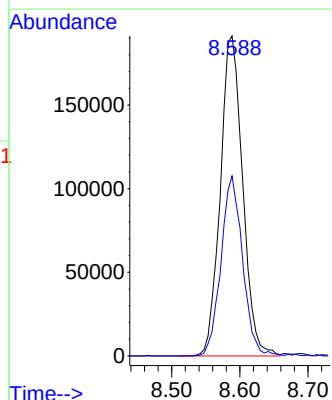
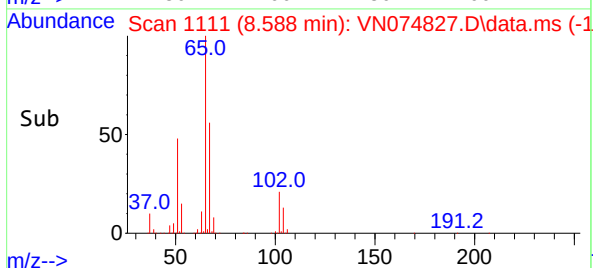
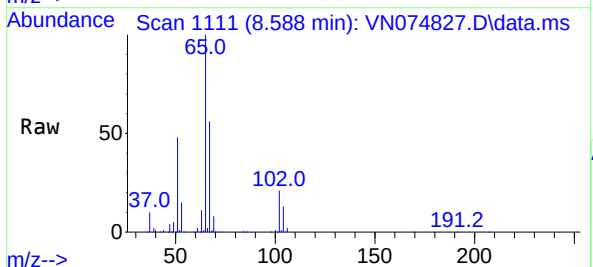


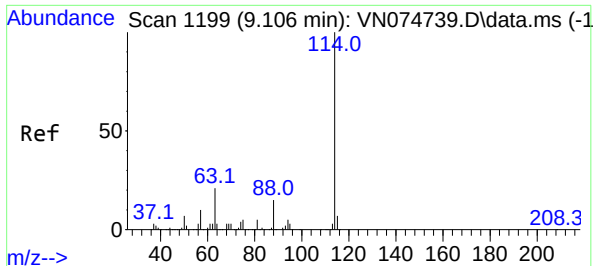
Tgt Ion: 56 Resp: 11525
Ion Ratio Lower Upper
56 100
69 149.0 23.1 34.7#
84 108.7 67.1 100.7#



#33
1,2-Dichloroethane-d4
Concen: 46.899 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

Tgt Ion: 65 Resp: 436550
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074827.D

Acq: 10 Oct 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

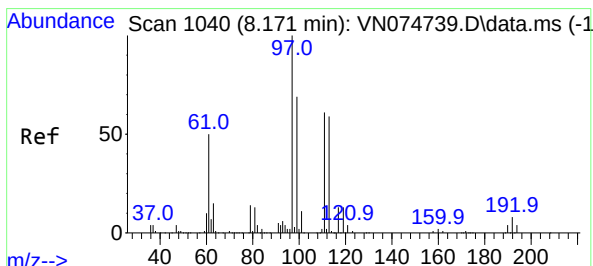
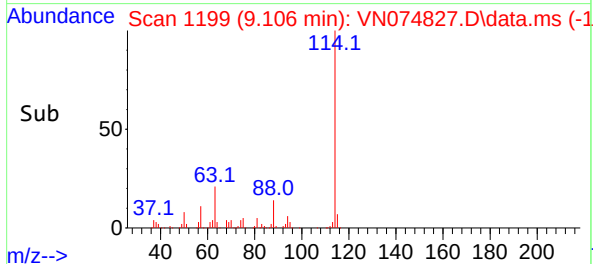
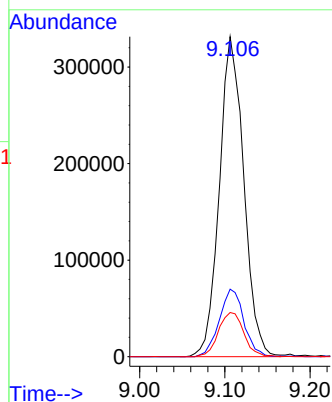
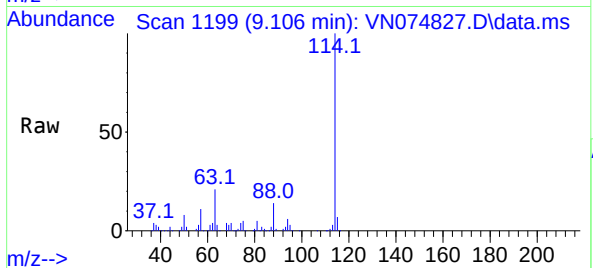
Tgt Ion:114 Resp: 658868

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.2

88 13.8 0.0 30.2



#35

Dibromofluoromethane

Concen: 51.843 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074827.D

Acq: 10 Oct 2022 12:52

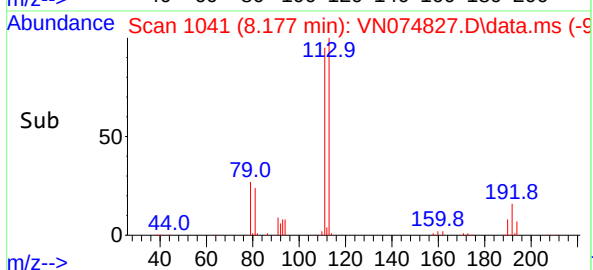
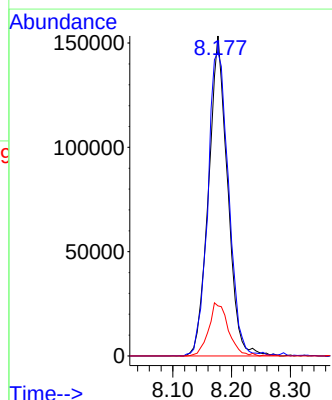
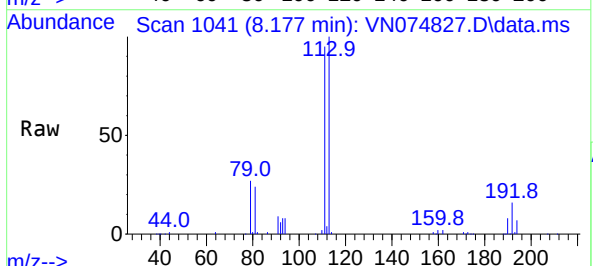
Tgt Ion:113 Resp: 345114

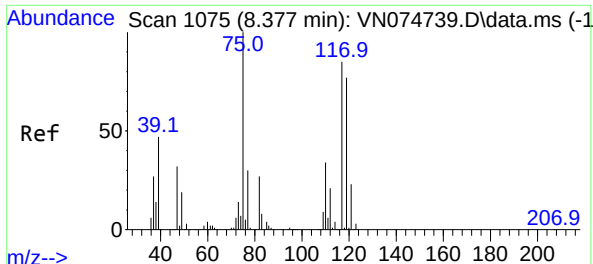
Ion Ratio Lower Upper

113 100

111 104.0 83.0 124.6

192 17.2 12.6 18.8





#36

1,1-Dichloropropene

Concen: 3.543 ug/l

RT: 8.241 min Scan# 1052

Delta R.T. -0.135 min

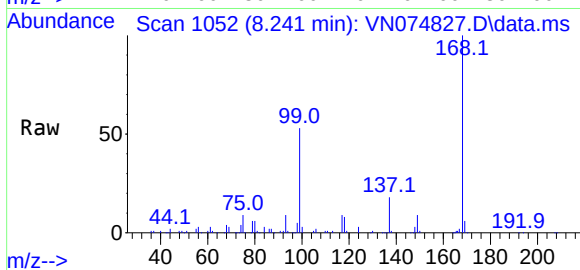
Lab File: VN074827.D

Acq: 10 Oct 2022 12:52

Instrument :

MSVOA_N

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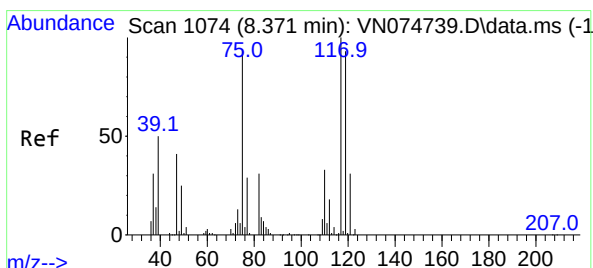
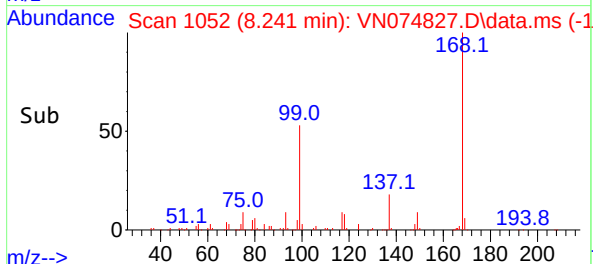
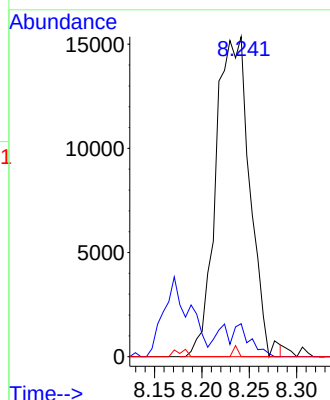
Tgt Ion: 75 Resp: 38178

Ion Ratio Lower Upper

75 100

110 5.0 17.2 51.5#

77 0.5 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.092 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN074827.D

Acq: 10 Oct 2022 12:52

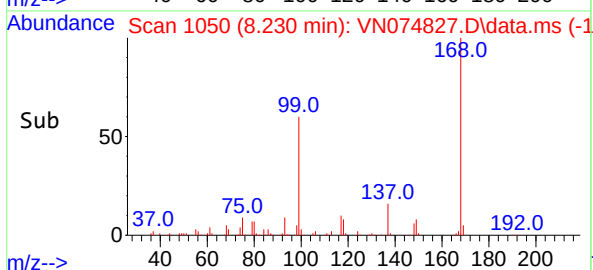
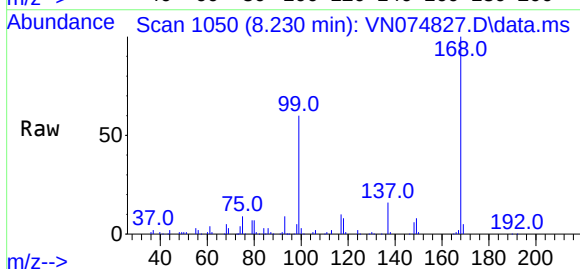
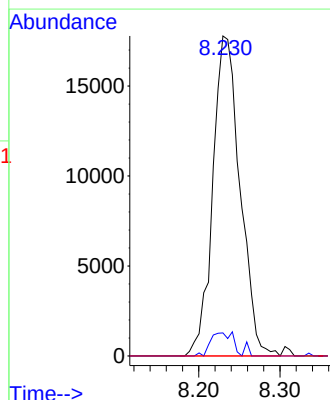
Tgt Ion: 117 Resp: 41576

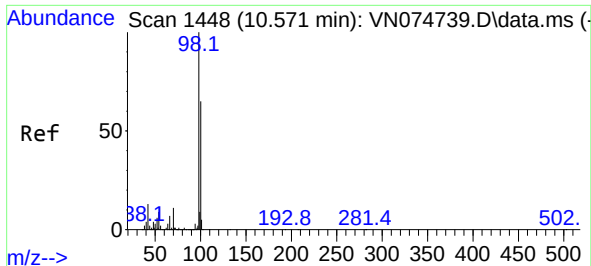
Ion Ratio Lower Upper

117 100

119 7.2 74.3 111.5#

121 0.0 25.0 37.4#

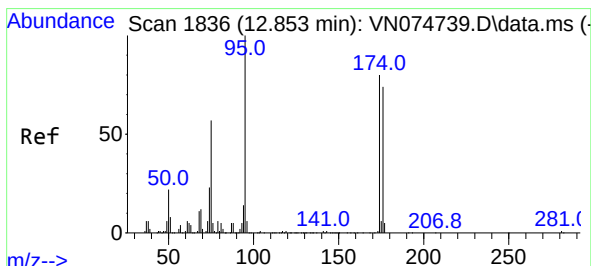
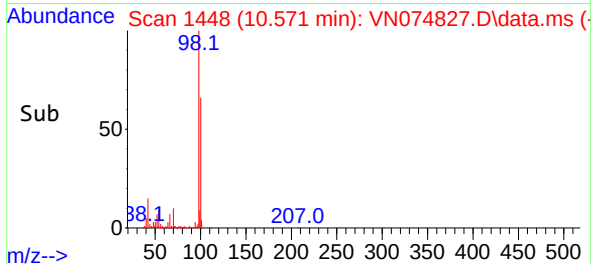
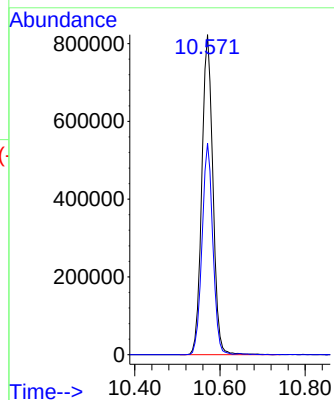
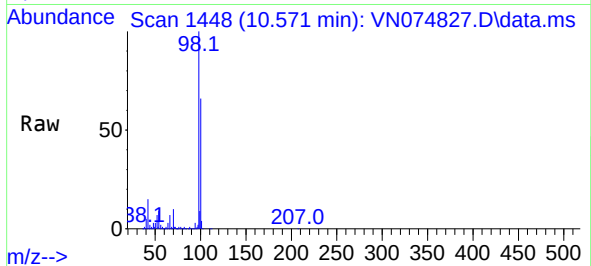




#50
Toluene-d8
Concen: 51.859 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

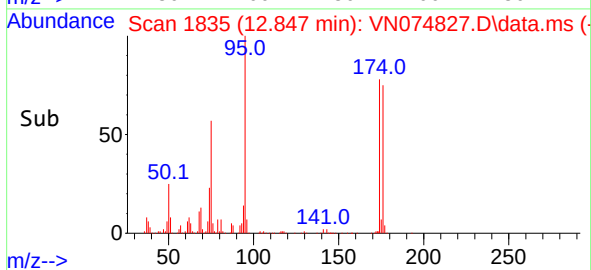
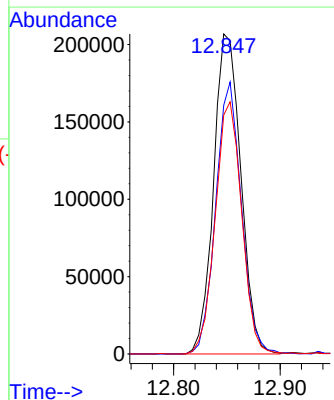
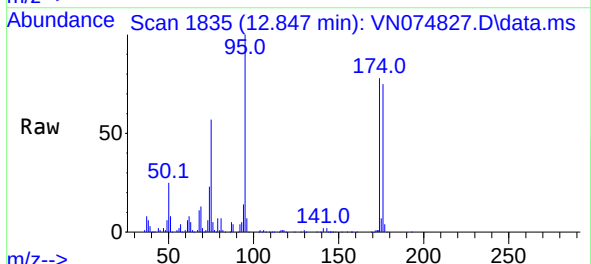
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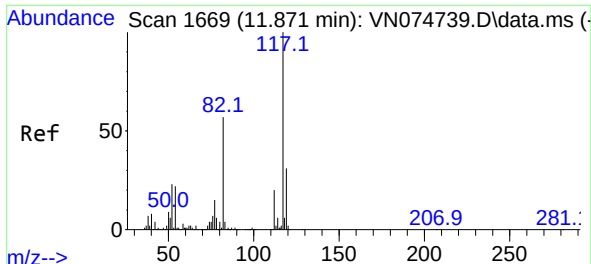
Tgt Ion: 98 Resp: 1481315
Ion Ratio Lower Upper
98 100
100 64.3 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 42.280 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

Tgt Ion: 95 Resp: 367117
Ion Ratio Lower Upper
95 100
174 80.3 0.0 149.4
176 76.6 0.0 142.0

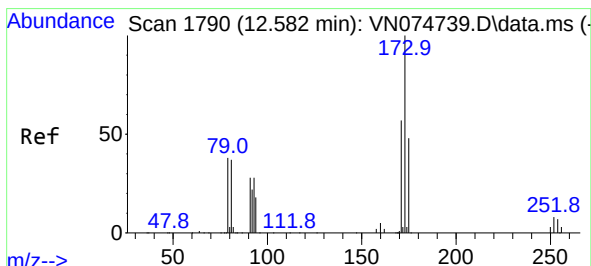
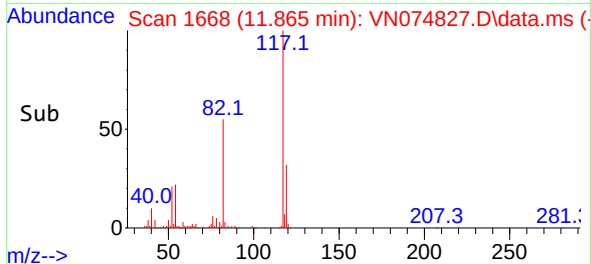
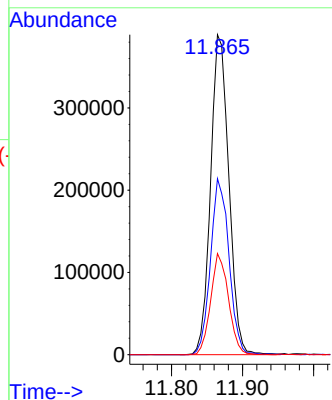
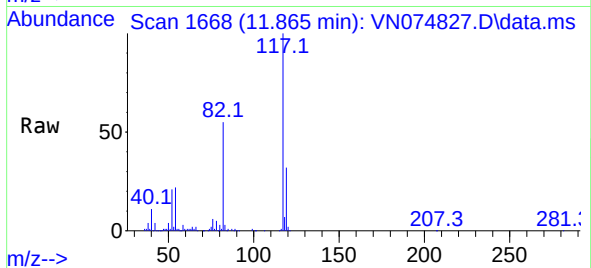




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

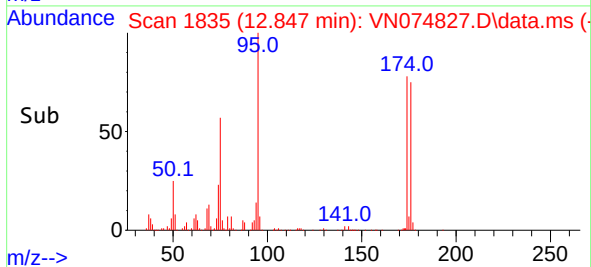
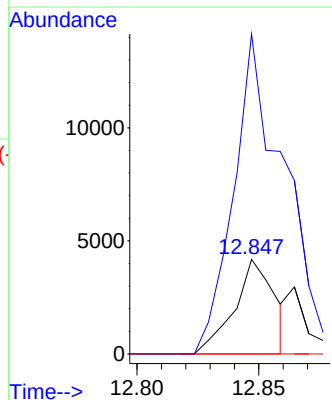
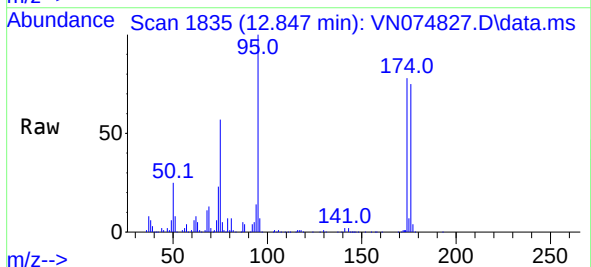
Instrument :
MSVOA_N
ClientSampleId :

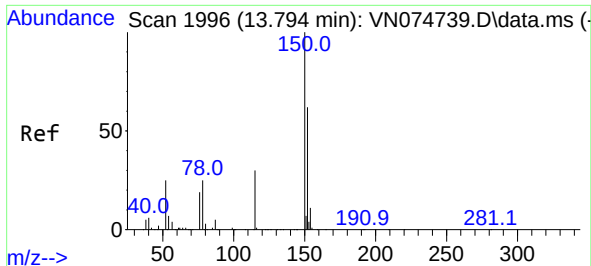
Tgt Ion:117 Resp: 694175
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 31.6 25.1 37.7



#71
Bromoform
Concen: 0.808 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

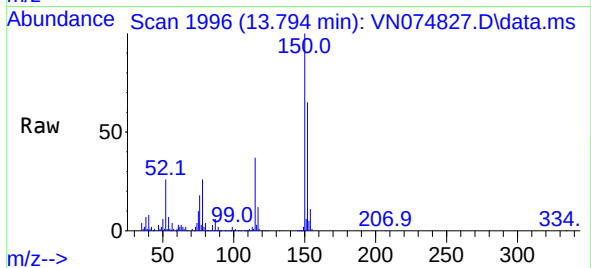
Tgt Ion:173 Resp: 4787
Ion Ratio Lower Upper
173 100
175 337.9 23.9 71.7#
254 0.0 0.1 0.1#



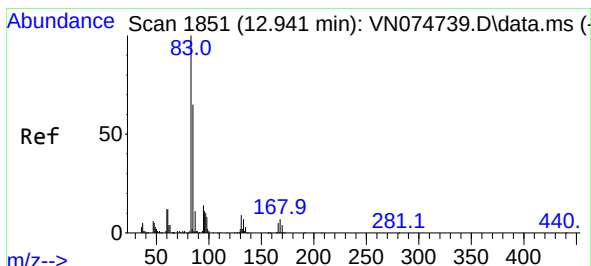
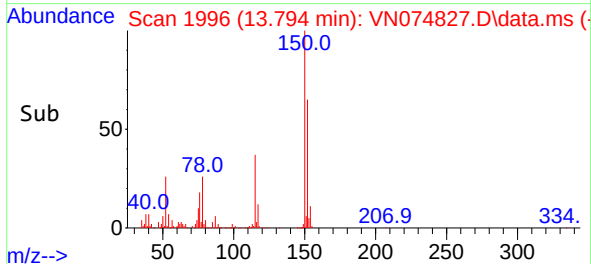
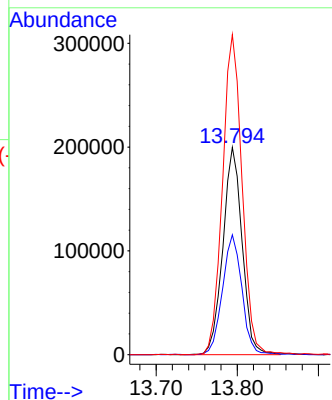


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN074827.D
 Acq: 10 Oct 2022 12:52

Instrument :
 MSVOA_N
 ClientSampleId :

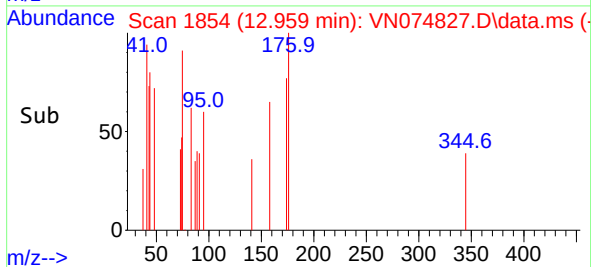
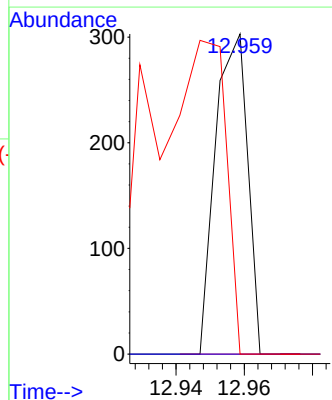
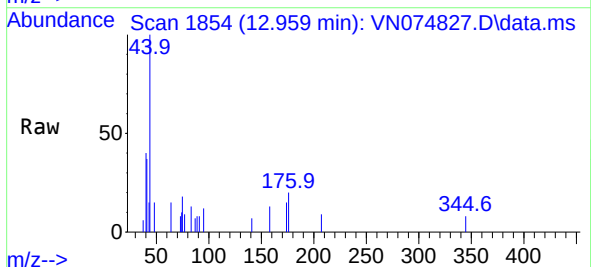


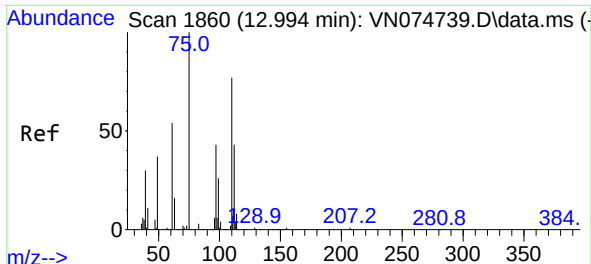
Tgt Ion:152 Resp: 329157
 Ion Ratio Lower Upper
 152 100
 115 58.5 30.0 90.0
 150 157.0 0.0 356.4



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.959 min Scan# 1854
 Delta R.T. 0.018 min
 Lab File: VN074827.D
 Acq: 10 Oct 2022 12:52

Tgt Ion: 83 Resp: 198
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.3 12.8#
 85 226.8 32.9 98.6#

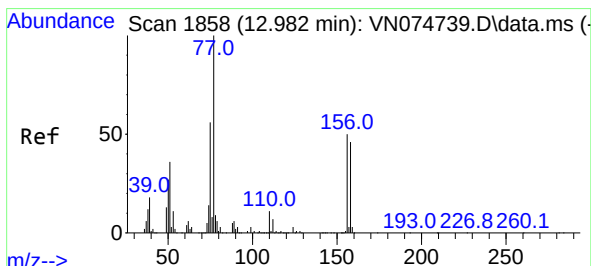
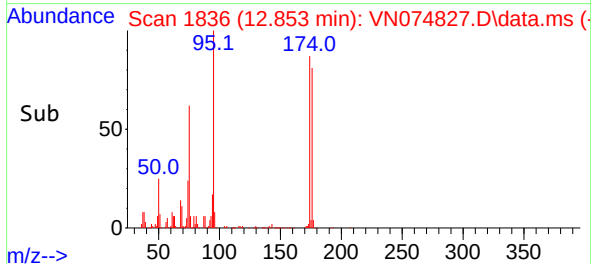
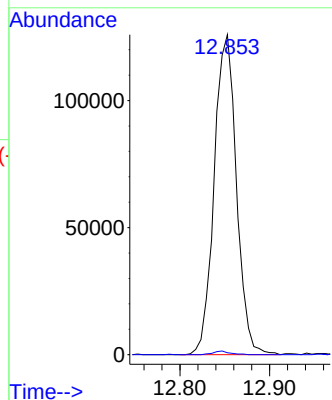
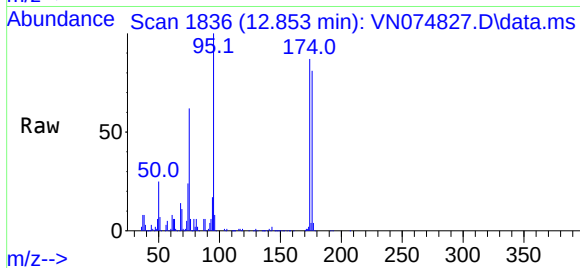




#76
1,2,3-Trichloropropane
Concen: 22.086 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.141 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

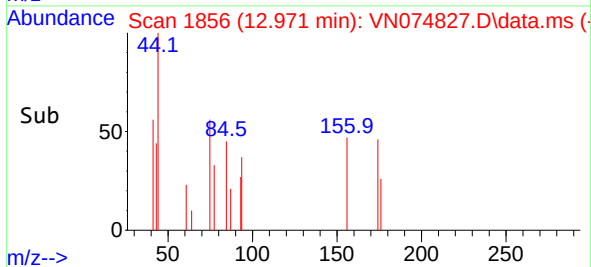
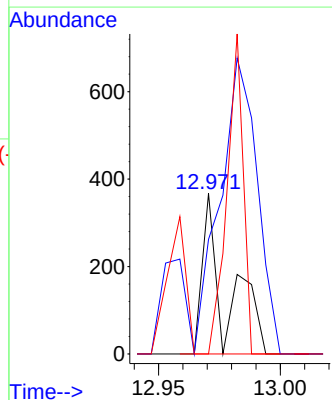
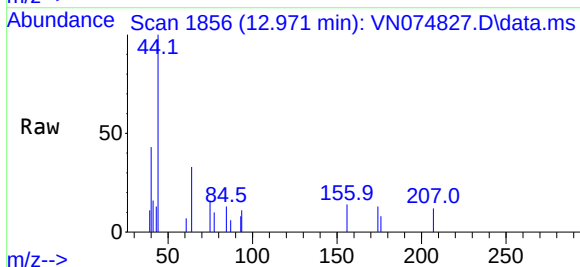
Instrument :
MSVOA_N
ClientSampleId :

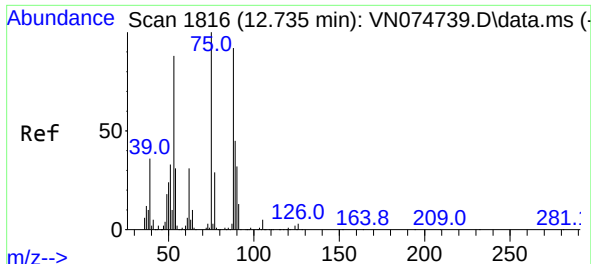
Tgt Ion: 75 Resp: 216985
Ion Ratio Lower Upper
75 100
77 0.8 76.9 230.7#



#77
Bromobenzene
Concen: Below Cal
RT: 12.971 min Scan# 1856
Delta R.T. -0.011 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

Tgt Ion: 156 Resp: 250
Ion Ratio Lower Upper
156 100
77 60.0 124.7 374.1#
158 67.2 48.3 144.9

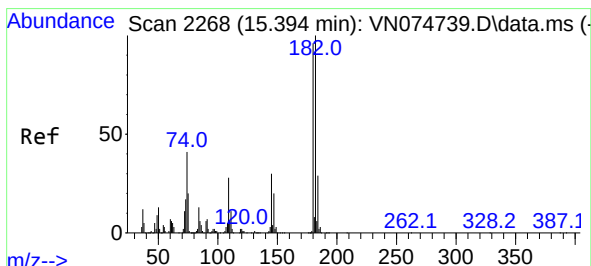
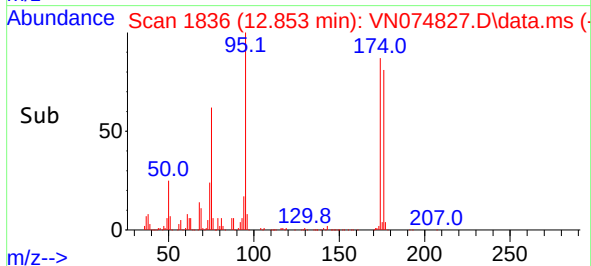
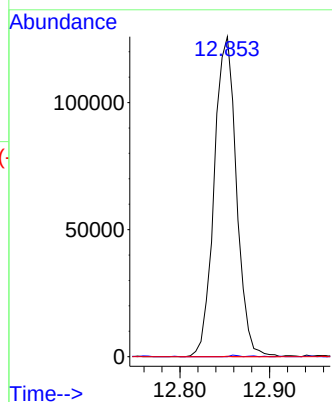
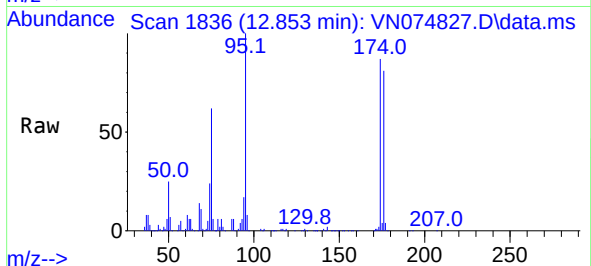




#81
trans-1,4-Dichloro-2-butene
Concen: 43.032 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

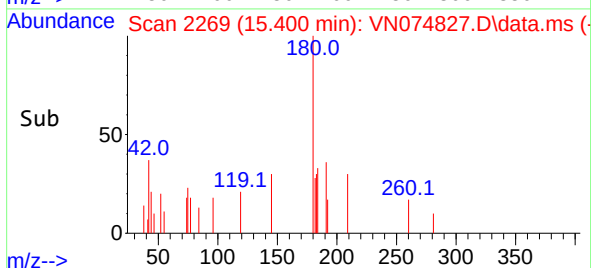
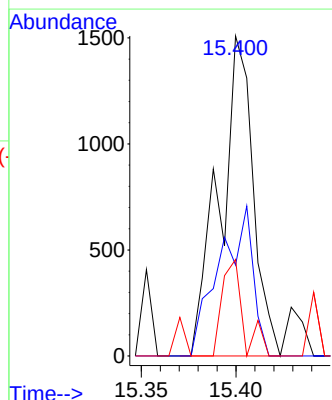
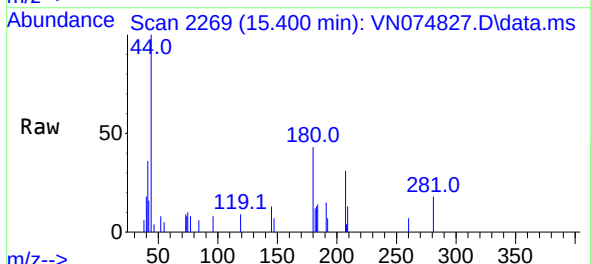
Instrument :
MSVOA_N
ClientSampleId :

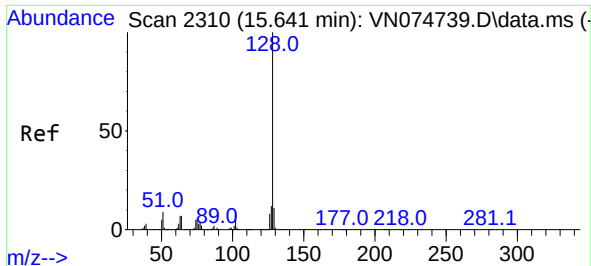
Tgt Ion: 75 Resp: 216985
Ion Ratio Lower Upper
75 100
53 0.2 71.4 107.0#
89 0.0 32.1 48.1#



#93
1,2,4-Trichlorobenzene
Concen: 0.348 ug/l
RT: 15.400 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

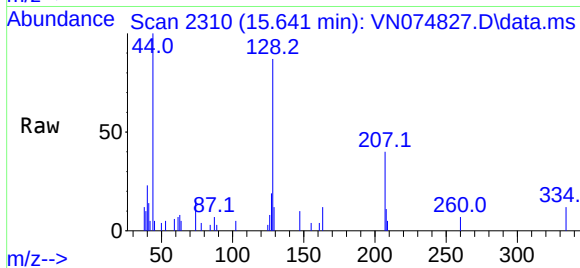
Tgt Ion:180 Resp: 1844
Ion Ratio Lower Upper
180 100
182 47.3 48.5 145.5#
145 19.2 16.1 48.3



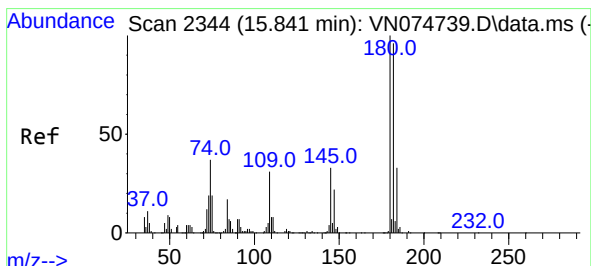
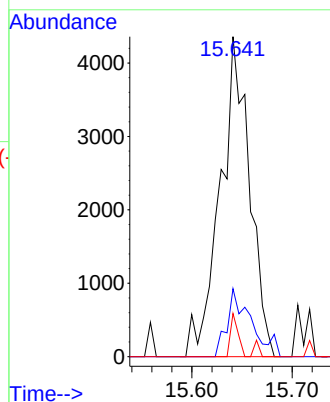
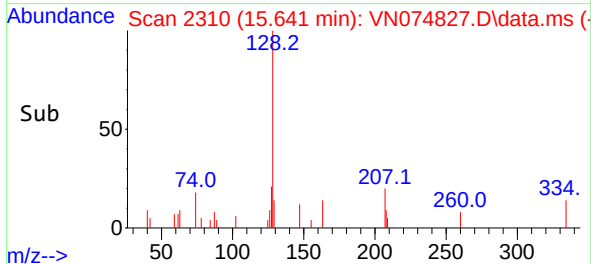


#95
Naphthalene
Concen: 0.389 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

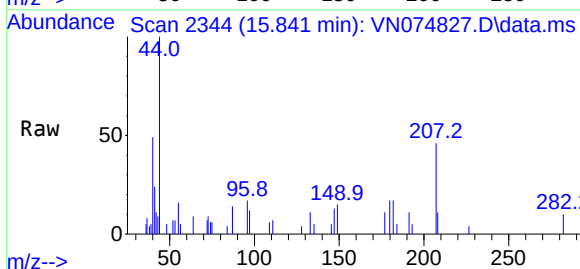
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 8892
Ion Ratio Lower Upper
128 100
127 17.3 10.2 15.2#
129 3.5 9.0 13.4#



#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52



Tgt Ion:180 Resp: 837
Ion Ratio Lower Upper
180 100
182 117.2 47.3 142.0
145 0.0 17.1 51.2#

