

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074103.D
 Acq On : 24 Aug 2022 19:58
 Operator : JC\MD
 Sample : N4280-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 07:56:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

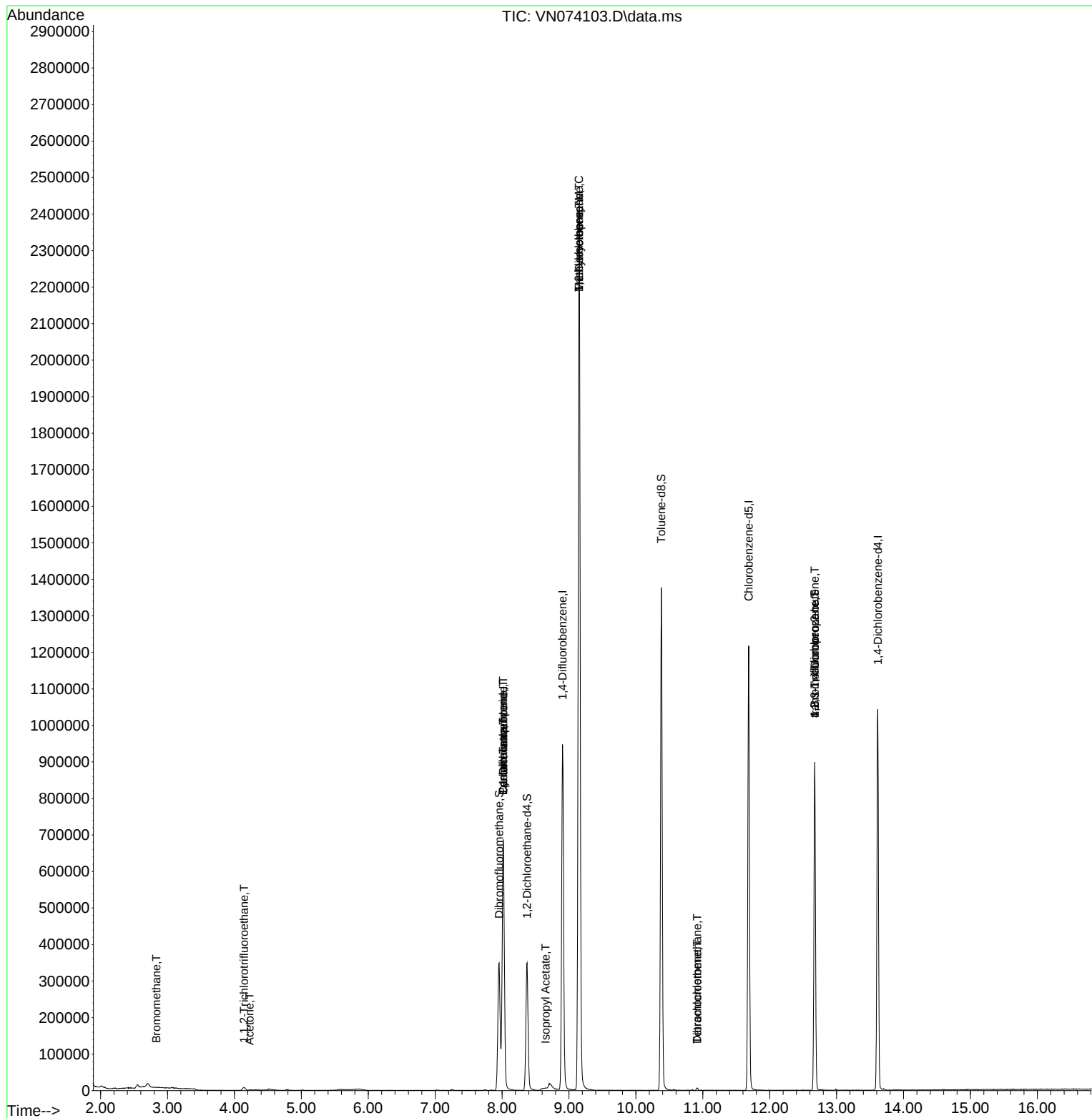
Internal Standards						
1) Pentafluorobenzene	8.016	168	571999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	874119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	730587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	306542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	295102	52.969	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.940%			
35) Dibromofluoromethane	7.957	113	264187	51.105	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.220%			
50) Toluene-d8	10.380	98	980478	48.973	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.940%			
62) 4-Bromofluorobenzene	12.674	95	295060	44.406	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.820%			
Target Compounds						Qvalue
5) Bromomethane	2.834	94	1115	0.276	ug/l #	74
9) 1,1,2-Trichlorotrifluo...	4.145	101	5793	1.194	ug/l #	78
16) Acetone	4.228	43	3563	1.356	ug/l	100
18) Methyl Acetate	4.781	43	4052	Below Cal		91
31) Cyclohexane	8.016	56	9247	1.191	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	38685	5.388	ug/l #	50
38) Carbon Tetrachloride	8.016	117	50890	6.201	ug/l #	16
39) Methylcyclohexane	9.151	83	11264	1.252	ug/l #	1
43) Isopropyl Acetate	8.651	43	9524	0.769	ug/l #	53
44) Trichloroethene	9.151	130	970803	148.319	ug/l	99
45) 1,2-Dichloropropane	9.151	63	2271	0.418	ug/l #	1
60) Dibromochloromethane	10.916	129	1427	0.213	ug/l #	11
64) Tetrachloroethene	10.916	164	1796	0.311	ug/l #	89
76) 1,2,3-Trichloropropane	12.674	75	146698	23.024	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	146698	65.485	ug/l #	10

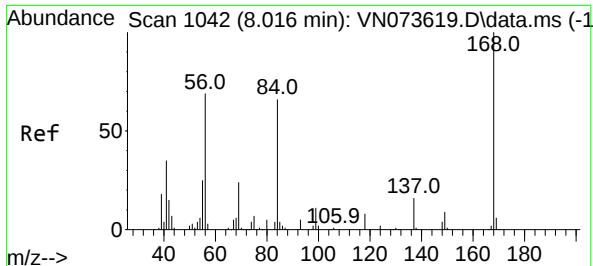
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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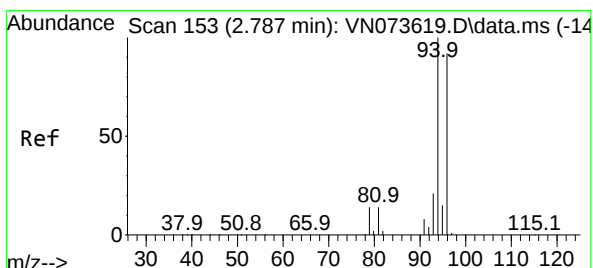
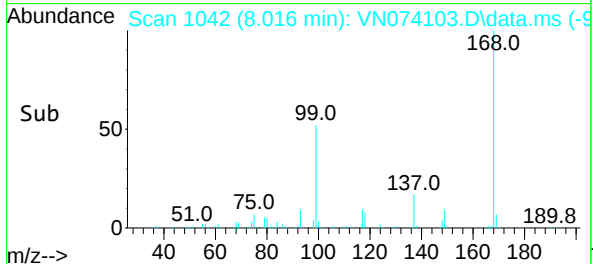
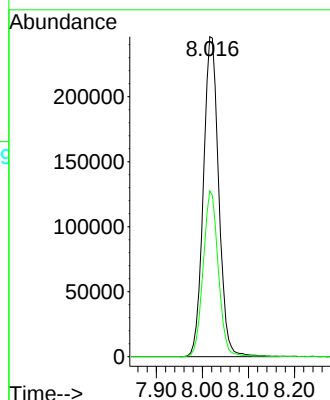
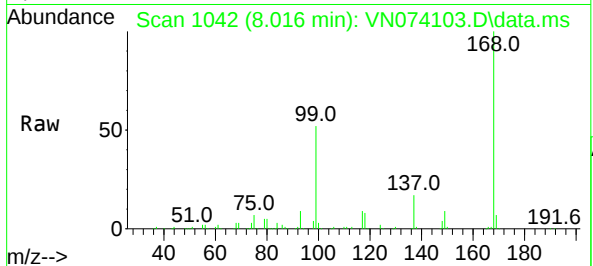




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

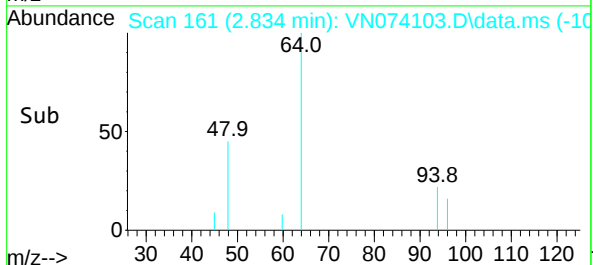
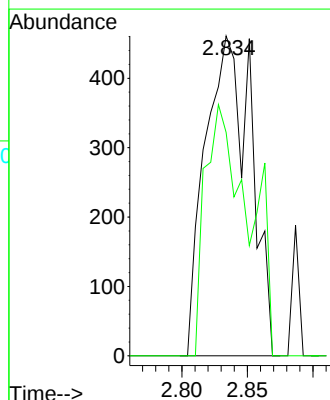
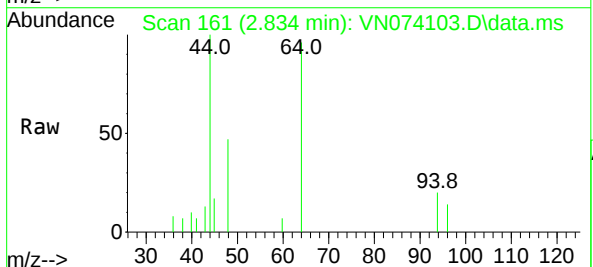
Instrument :
MSVOA_N
ClientSampleId :

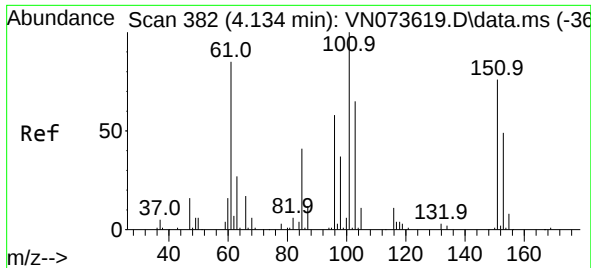
Tgt Ion:168 Resp: 571999
Ion Ratio Lower Upper
168 100
99 51.8 42.3 63.5



#5
Bromomethane
Concen: 0.276 ug/l
RT: 2.834 min Scan# 161
Delta R.T. 0.047 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

Tgt Ion: 94 Resp: 1115
Ion Ratio Lower Upper
94 100
96 69.8 76.0 114.0#

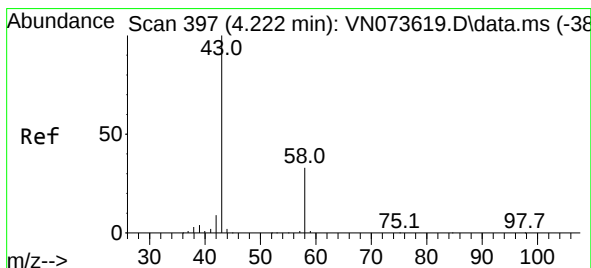
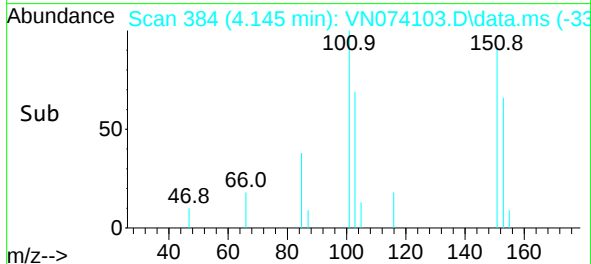
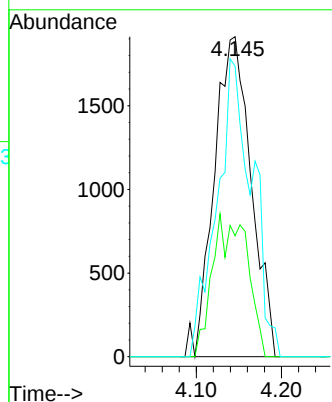
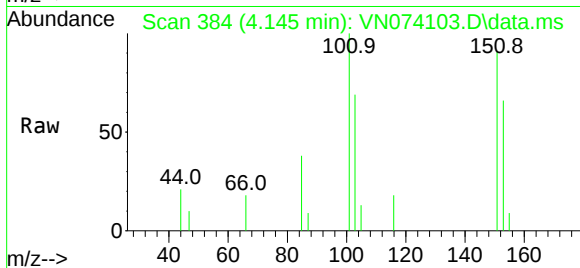




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.194 ug/l
RT: 4.145 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

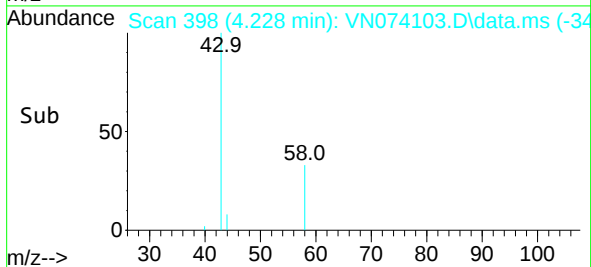
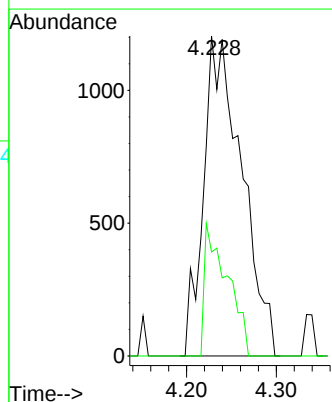
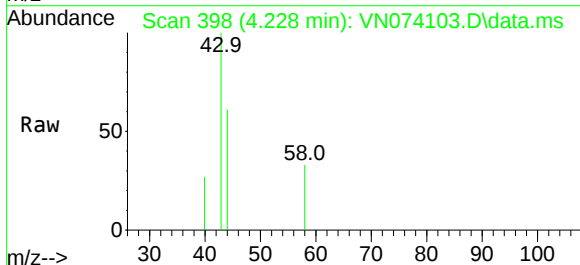
Instrument :
MSVOA_N
ClientSampleId :

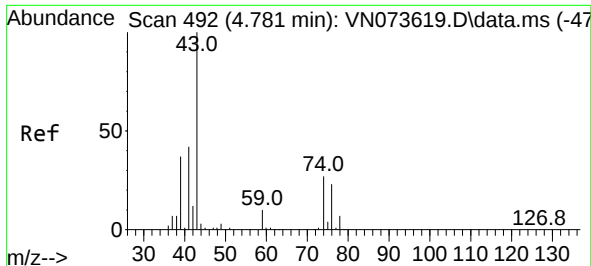
Tgt Ion:101 Resp: 5793
Ion Ratio Lower Upper
101 100
85 17.4 34.7 52.1#
151 88.6 63.0 94.4



#16
Acetone
Concen: 1.356 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

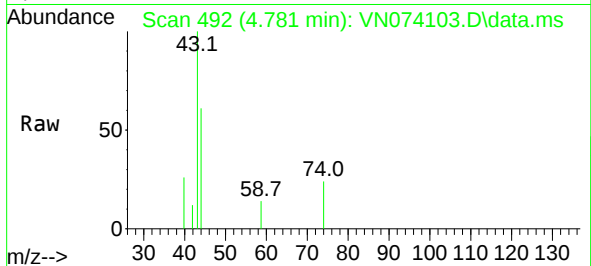
Tgt Ion: 43 Resp: 3563
Ion Ratio Lower Upper
43 100
58 32.5 26.0 39.0



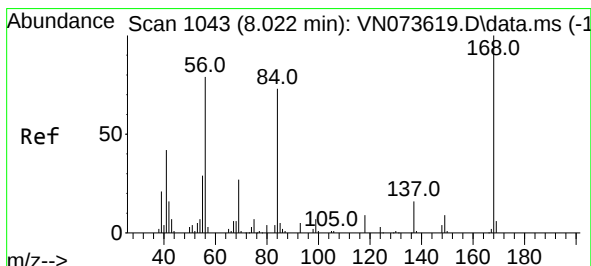
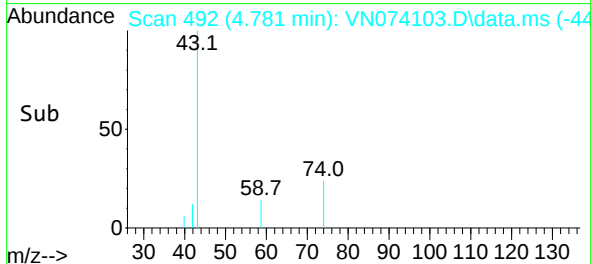
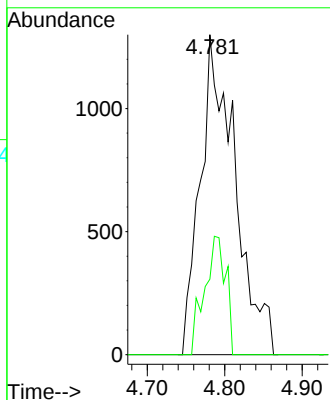


#18
Methyl Acetate
Concen: Below Cal
RT: 4.781 min Scan# 492
Delta R.T. -0.000 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :

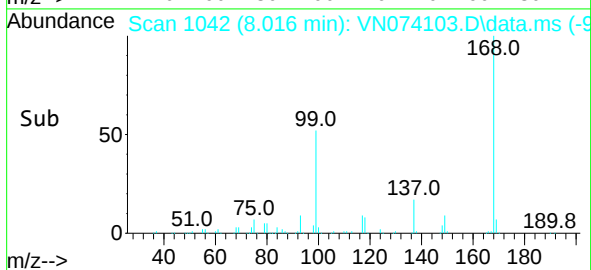
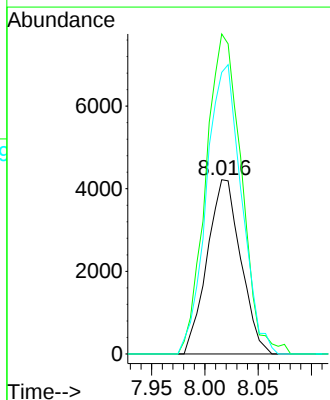
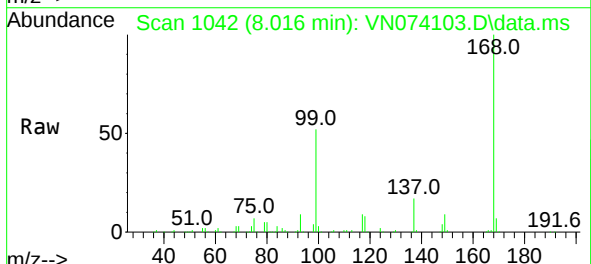


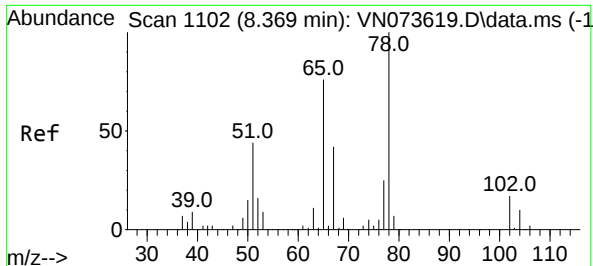
Tgt Ion: 43 Resp: 4052
Ion Ratio Lower Upper
43 100
74 22.6 21.6 32.4



#31
Cyclohexane
Concen: 1.191 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

Tgt Ion: 56 Resp: 9247
Ion Ratio Lower Upper
56 100
69 183.7 27.8 41.8#
84 161.6 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 52.969 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074103.D

Acq: 24 Aug 2022 19:58

Instrument :

MSVOA_N

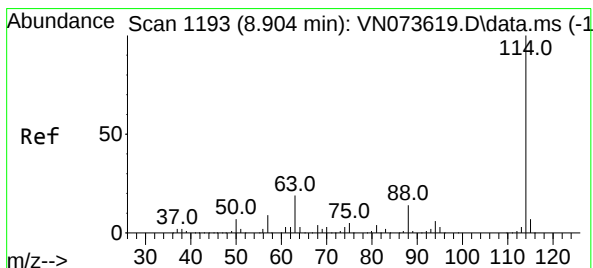
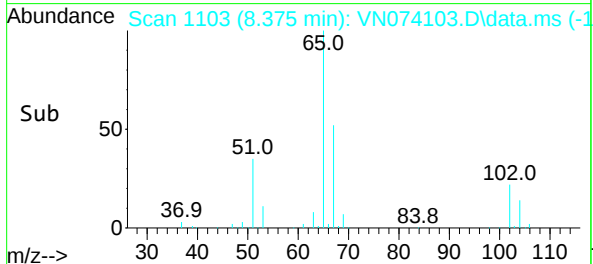
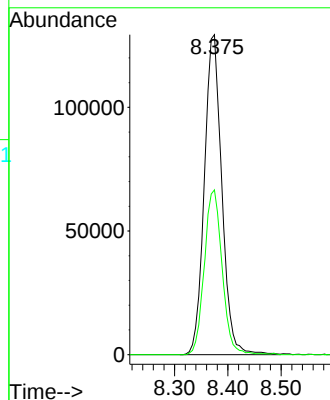
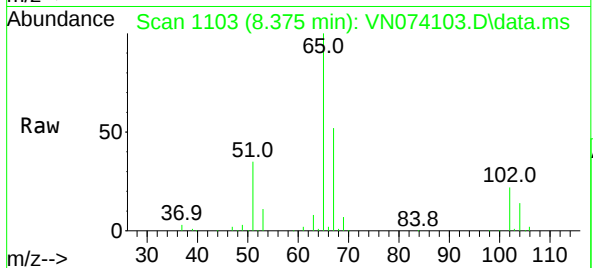
ClientSampleId :

Tgt Ion: 65 Resp: 295102

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074103.D

Acq: 24 Aug 2022 19:58

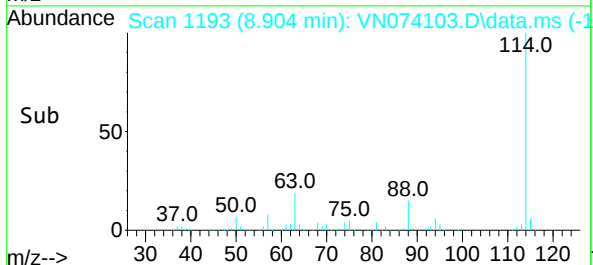
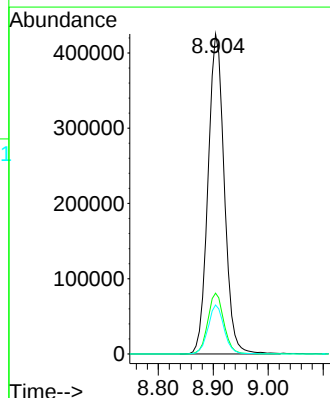
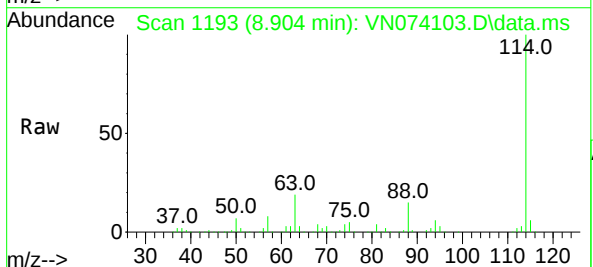
Tgt Ion: 114 Resp: 874119

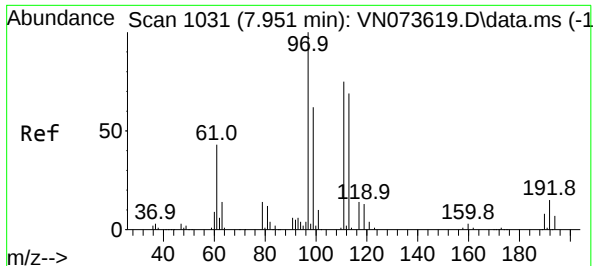
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

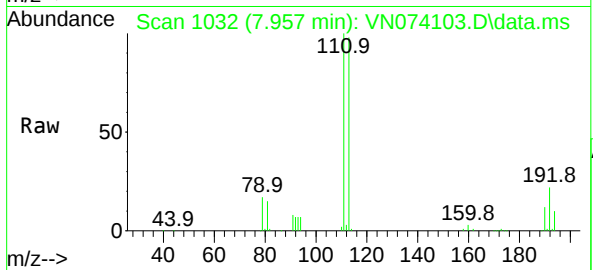
88 15.3 0.0 32.6



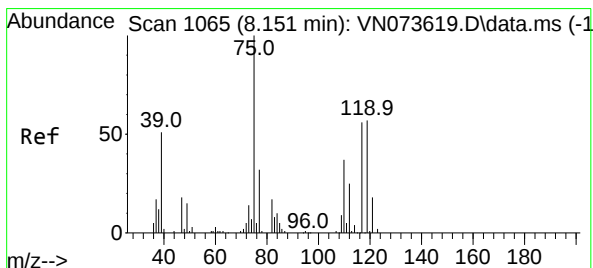
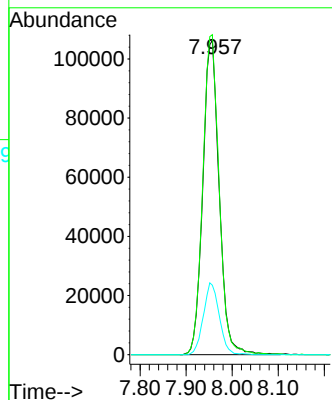
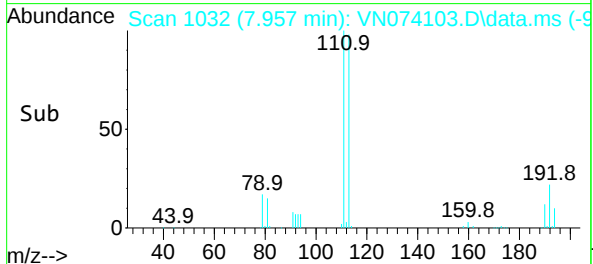


#35
Dibromofluoromethane
Concen: 51.105 ug/l
RT: 7.957 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :

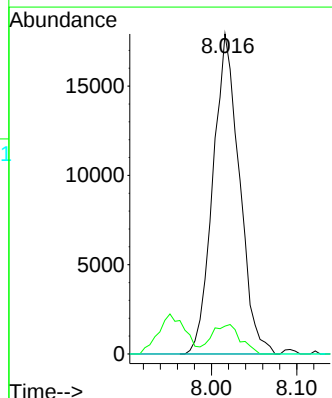
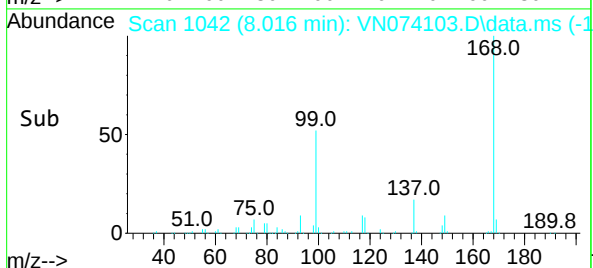
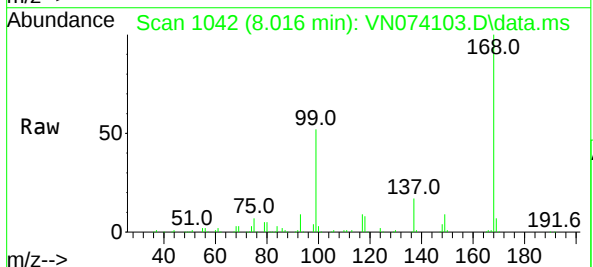


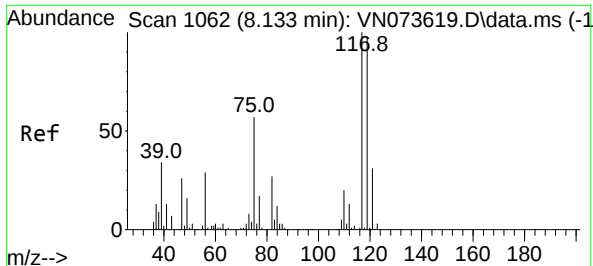
Tgt Ion:113 Resp: 264187
Ion Ratio Lower Upper
113 100
111 100.9 81.4 122.0
192 22.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.388 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

Tgt Ion: 75 Resp: 38685
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.201 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.117 min

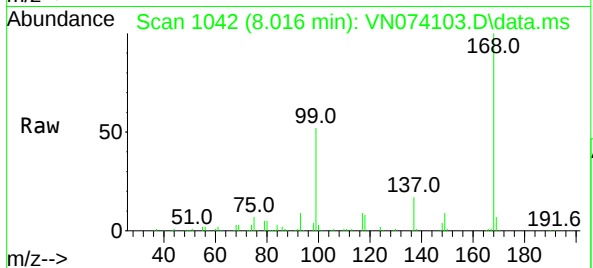
Lab File: VN074103.D

Acq: 24 Aug 2022 19:58

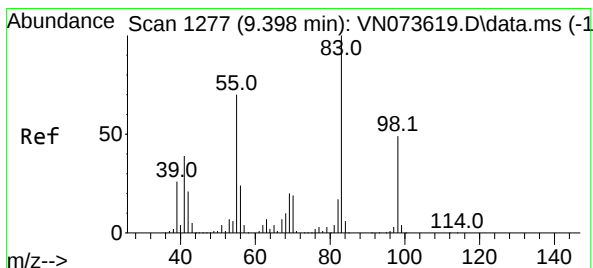
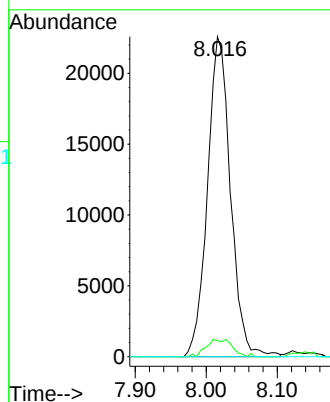
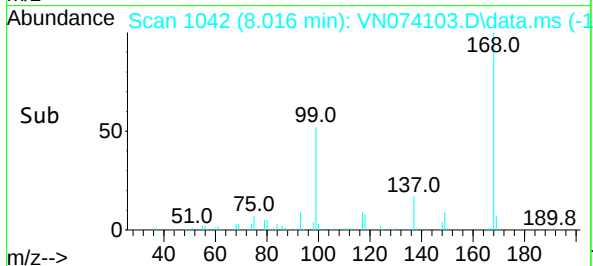
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	117	Resp:	50890
Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.8	113.8#
121	0.0	24.6	37.0#



#39

Methylcyclohexane

Concen: 1.252 ug/l

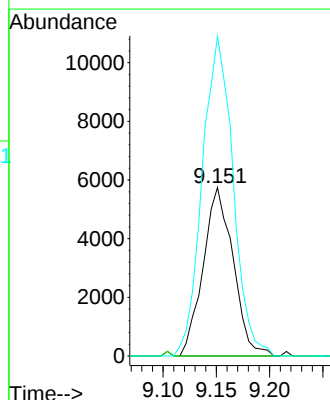
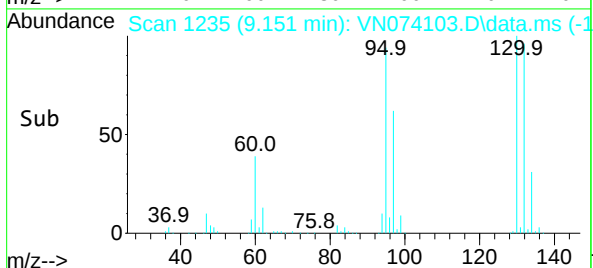
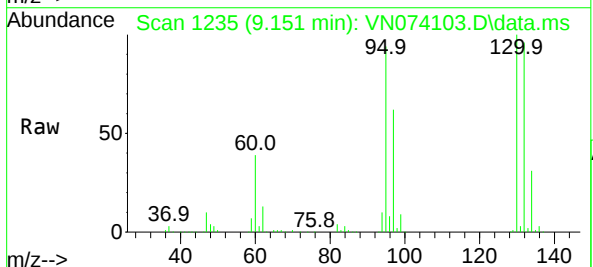
RT: 9.151 min Scan# 1235

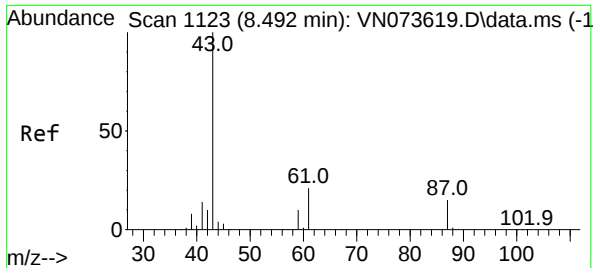
Delta R.T. -0.247 min

Lab File: VN074103.D

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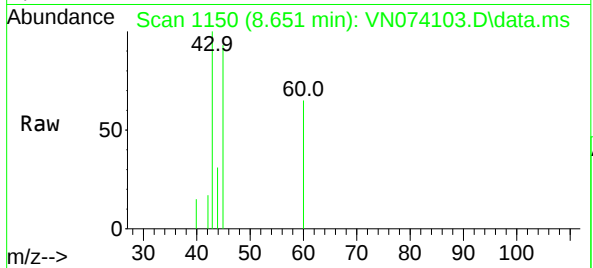
Tgt Ion:	83	Resp:	11264
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	189.9	39.4	59.2#



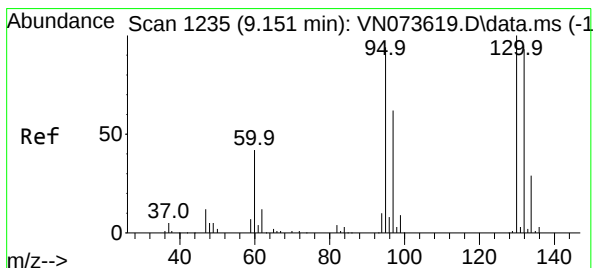
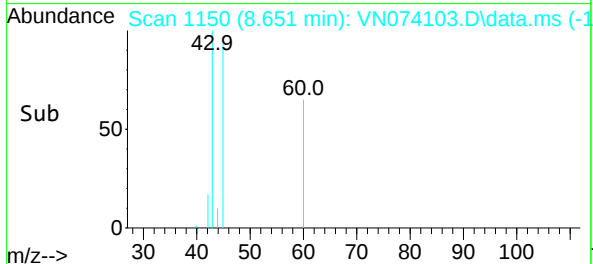
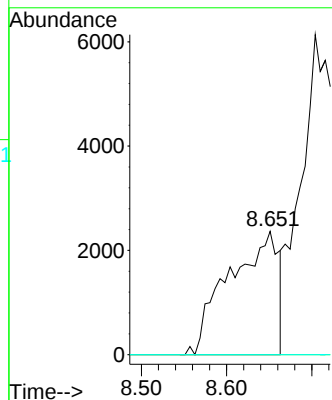


#43
Isopropyl Acetate
Concen: 0.769 ug/l
RT: 8.651 min Scan# 1150
Delta R.T. 0.159 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :

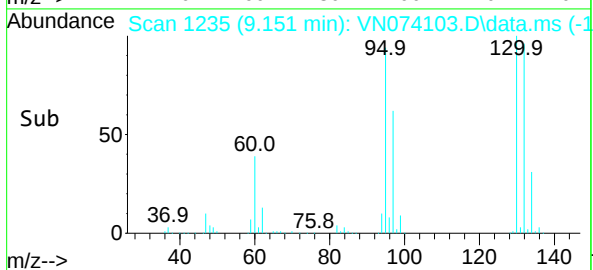
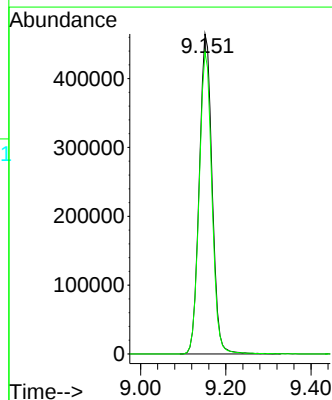
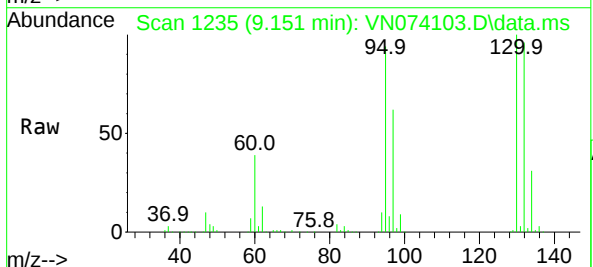


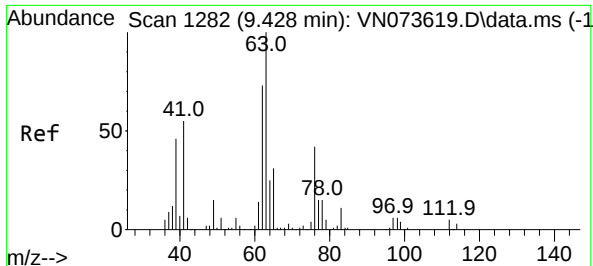
Tgt Ion: 43 Resp: 9524
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 148.319 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

Tgt Ion:130 Resp: 970803
Ion Ratio Lower Upper
130 100
95 94.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 0.418 ug/l

RT: 9.151 min Scan# 11

Delta R.T. -0.277 min

Lab File: VN074103.D

Acq: 24 Aug 2022 19:58

Instrument :

MSVOA_N

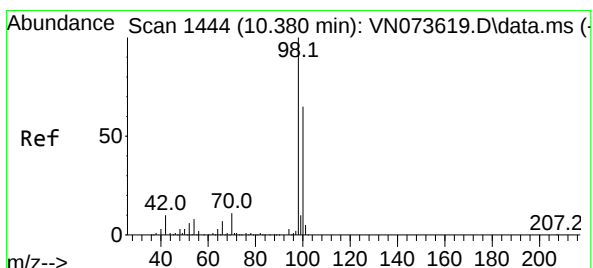
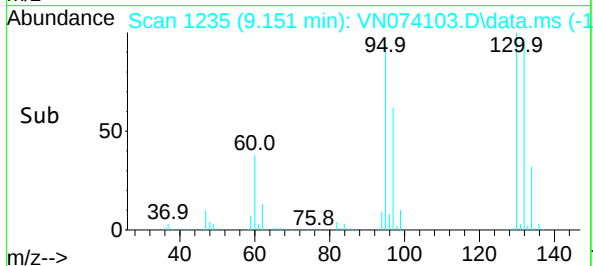
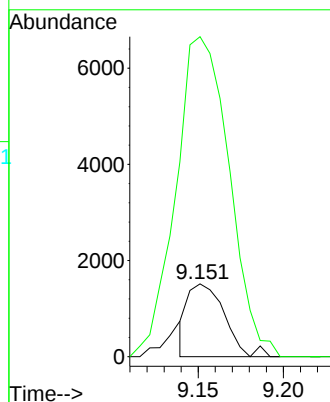
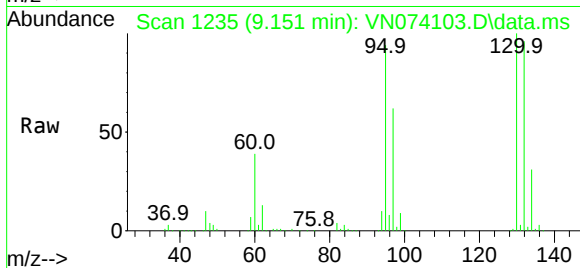
ClientSampleId :

Tgt Ion: 63 Resp: 2271

Ion Ratio Lower Upper

63 100

65 439.6 24.9 37.3#



#50

Toluene-d8

Concen: 48.973 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074103.D

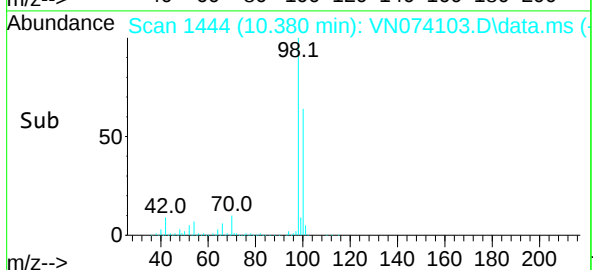
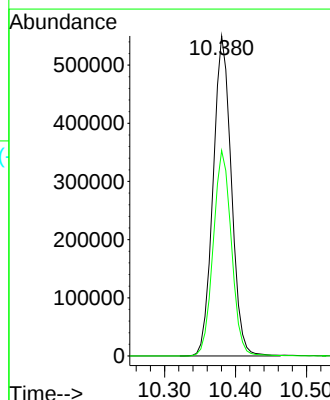
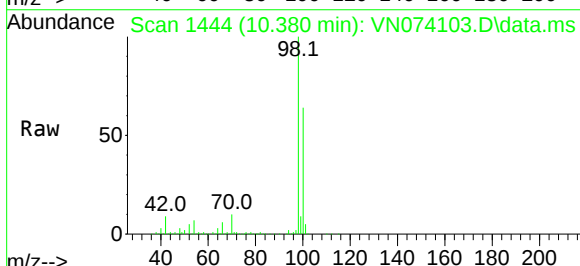
Acq: 24 Aug 2022 19:58

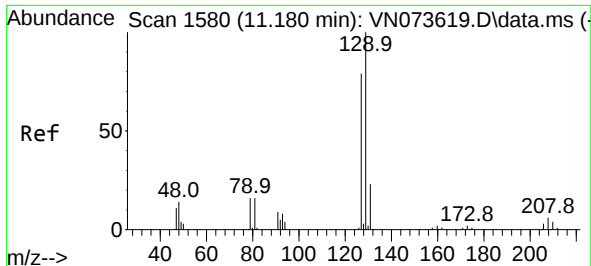
Tgt Ion: 98 Resp: 980478

Ion Ratio Lower Upper

98 100

100 64.0 52.6 78.8

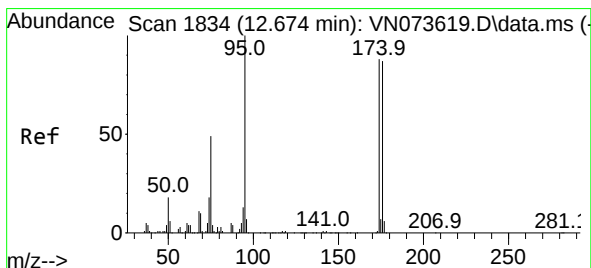
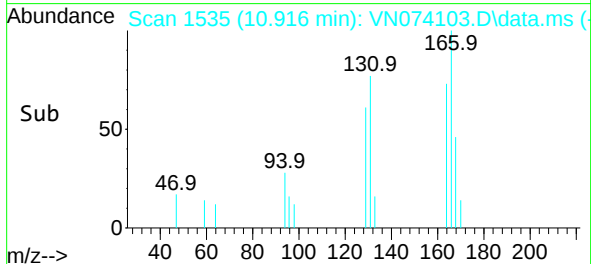
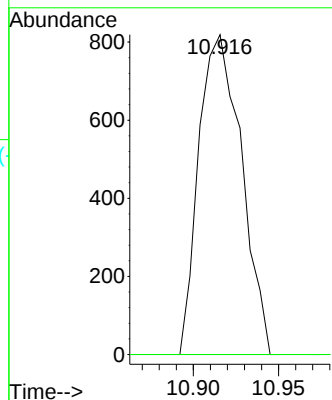
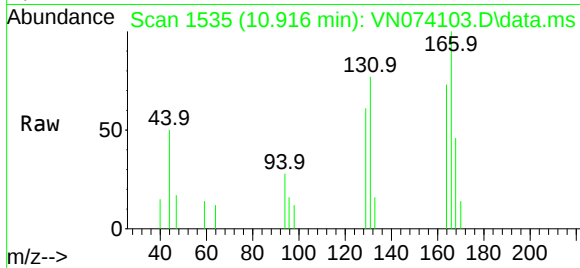




#60
Dibromochloromethane
Concen: 0.213 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.264 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

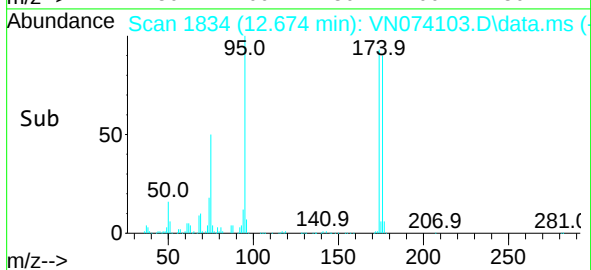
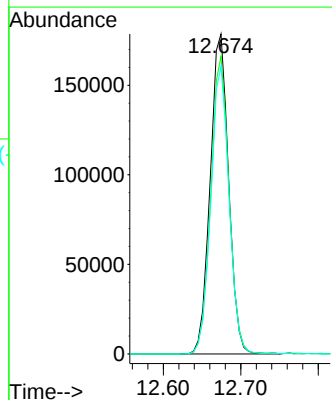
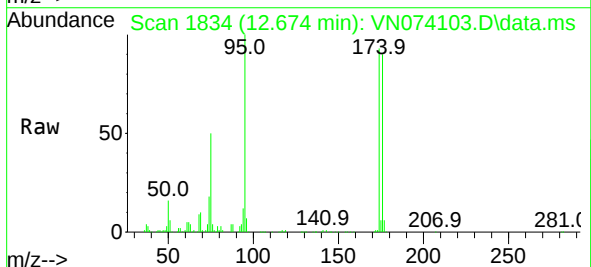
Instrument :
MSVOA_N
ClientSampleId :

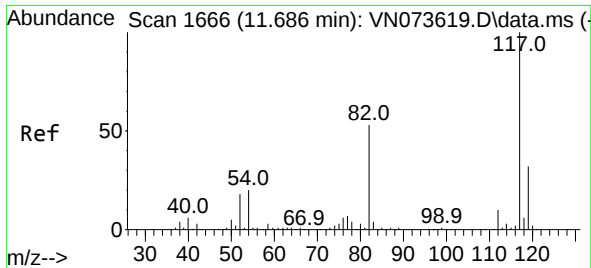
Tgt Ion:129 Resp: 1427
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 44.406 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

Tgt Ion: 95 Resp: 295060
Ion Ratio Lower Upper
95 100
174 92.1 0.0 167.6
176 88.7 0.0 163.4

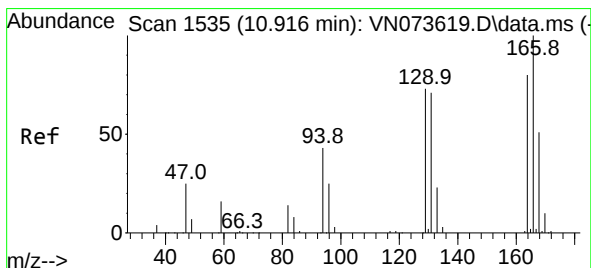
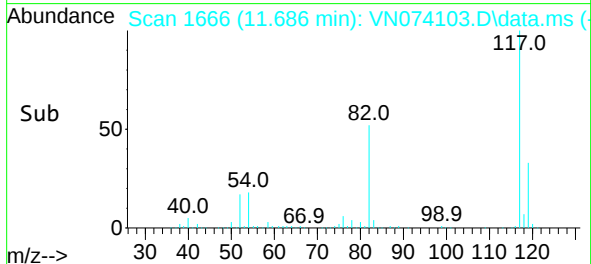
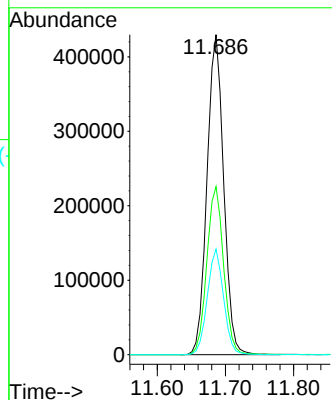
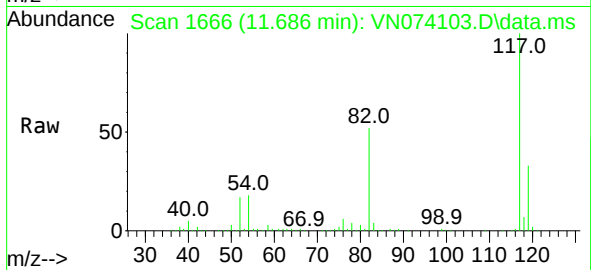




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

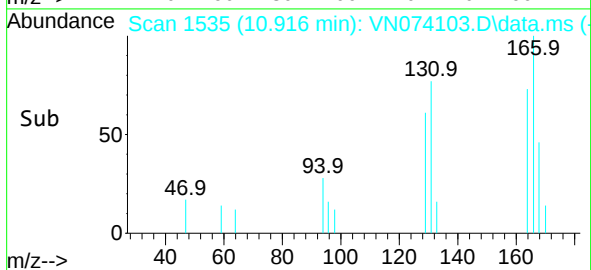
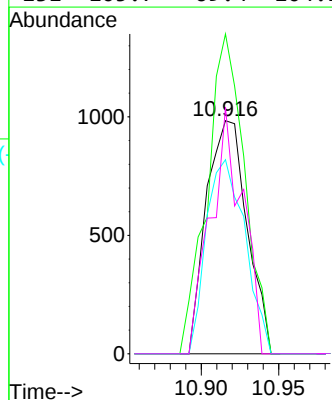
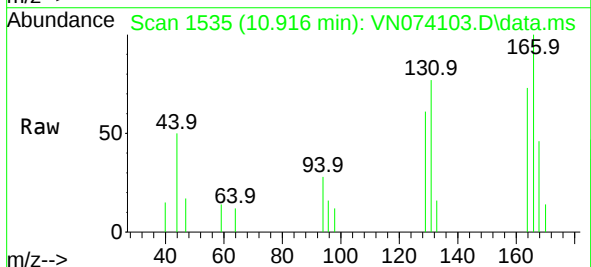
Instrument :
MSVOA_N
ClientSampleId :

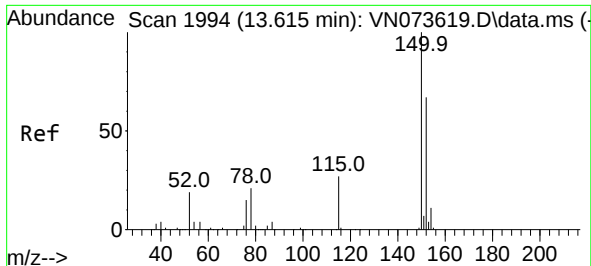
Tgt Ion:117 Resp: 730587
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 33.0 25.4 38.0



#64
Tetrachloroethene
Concen: 0.311 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

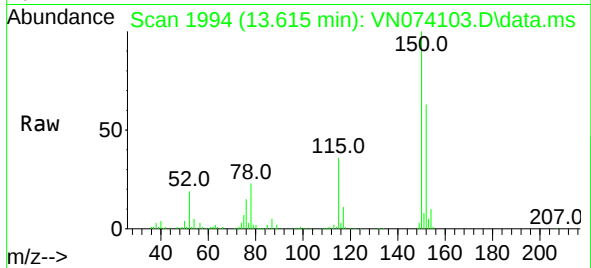
Tgt Ion:164 Resp: 1796
Ion Ratio Lower Upper
164 100
166 137.2 104.2 156.2
129 83.2 73.9 110.9
131 105.7 69.4 104.2#



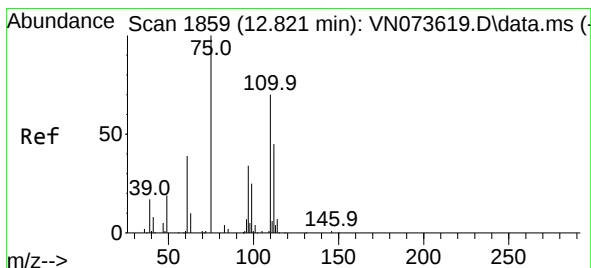
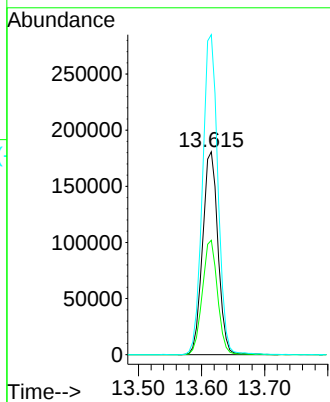
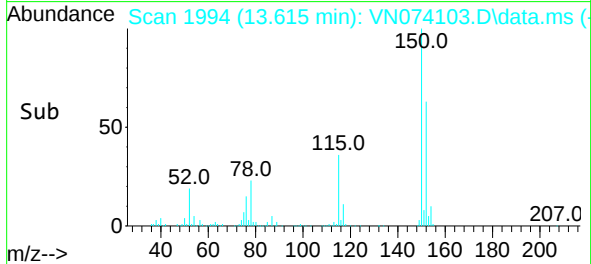


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074103.D
 Acq: 24 Aug 2022 19:58

Instrument :
 MSVOA_N
 ClientSampleId :

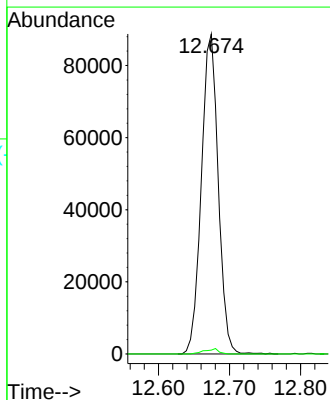
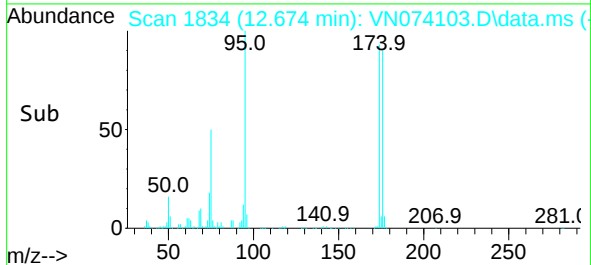
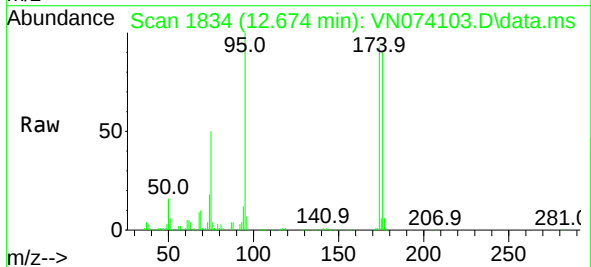


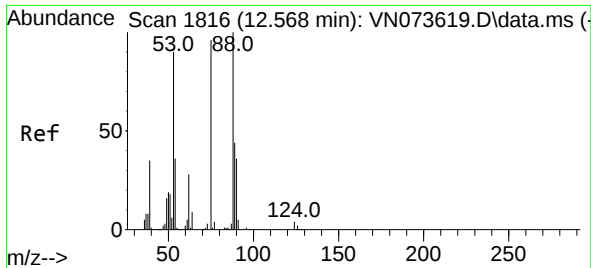
Tgt Ion:152 Resp: 306542
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.9 86.7
 150 158.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.024 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN074103.D
 Acq: 24 Aug 2022 19:58

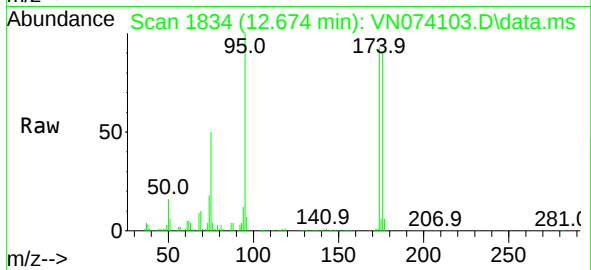
Tgt Ion: 75 Resp: 146698
 Ion Ratio Lower Upper
 75 100
 77 1.4 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.485 ug/l
 RT: 12.674 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN074103.D
 Acq: 24 Aug 2022 19:58

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 146698
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

