

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074135.D
 Acq On : 26 Aug 2022 14:53
 Operator : JC\MD
 Sample : N4280-11DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D1-20220818DL

Quant Time: Aug 27 00:20:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

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

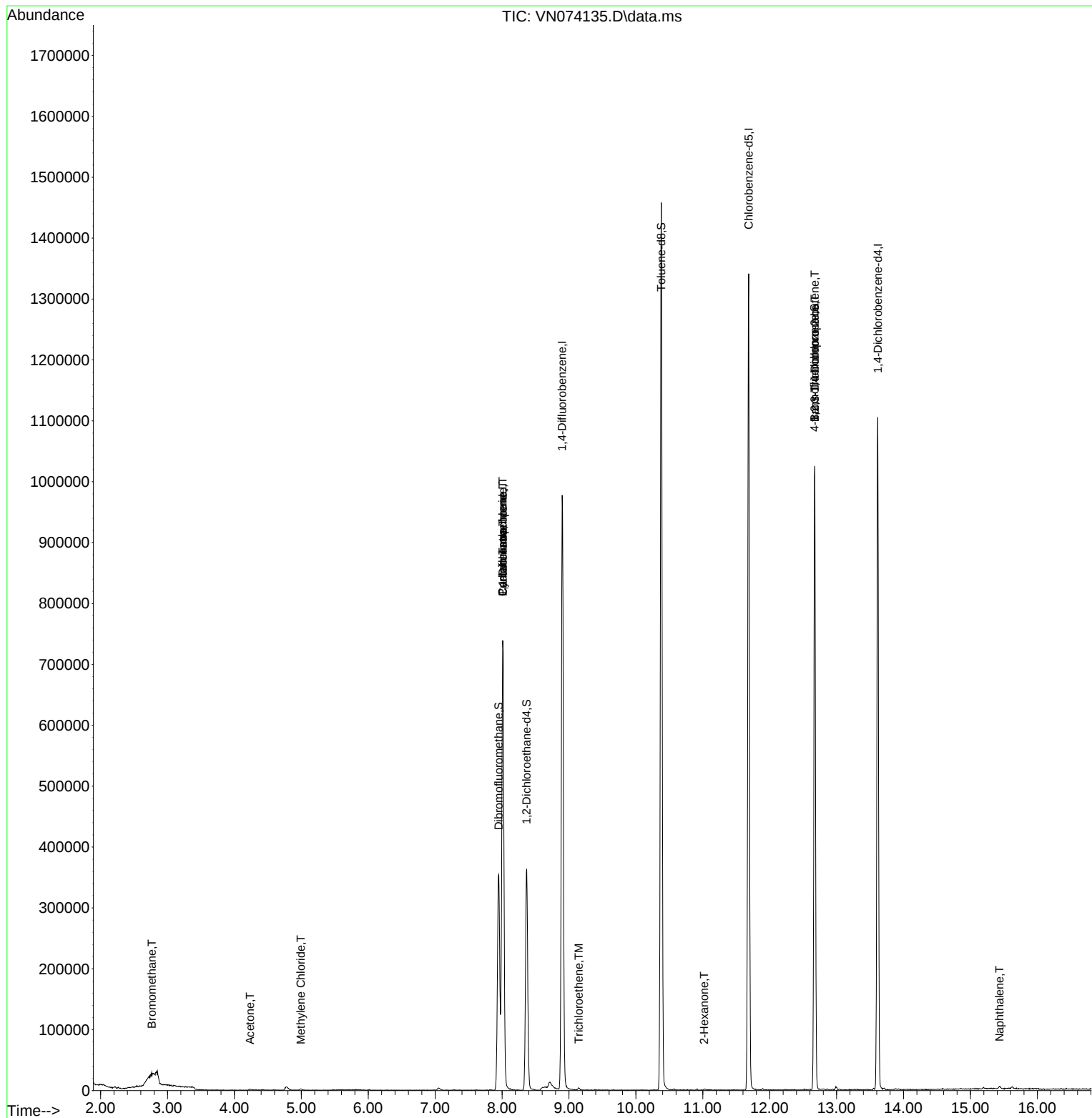
Internal Standards						
1) Pentafluorobenzene	8.010	168	621124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	922839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	819440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	324532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	308965	51.071	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.140%			
35) Dibromofluoromethane	7.951	113	267301	48.978	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.960%			
50) Toluene-d8	10.380	98	1061045	50.199	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.400%			
62) 4-Bromofluorobenzene	12.669	95	345997	49.323	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.640%			
Target Compounds						Qvalue
5) Bromomethane	2.763	94	1190	0.271	ug/l #	80
16) Acetone	4.234	43	2946	1.032	ug/l #	88
18) Methyl Acetate	4.781	43	12173	Below Cal		94
20) Methylene Chloride	4.993	84	1493	0.248	ug/l #	67
31) Cyclohexane	8.010	56	10173	1.206	ug/l #	1
36) 1,1-Dichloropropene	8.010	75	40351	5.323	ug/l #	49
38) Carbon Tetrachloride	8.010	117	56315	6.499	ug/l #	16
44) Trichloroethene	9.145	130	1437	0.208	ug/l	80
59) 2-Hexanone	11.022	43	1483	0.218	ug/l	75
76) 1,2,3-Trichloropropane	12.674	75	169526	25.132	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	169526	71.481	ug/l #	10
95) Naphthalene	15.433	128	4888	0.215	ug/l #	90

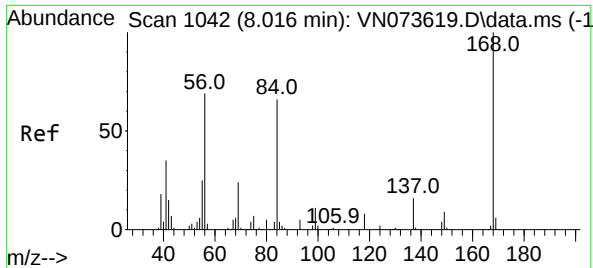
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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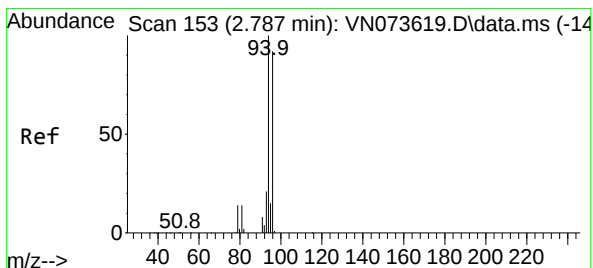
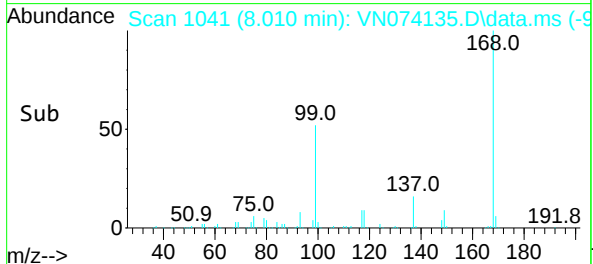
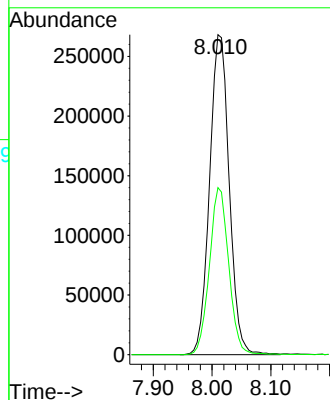
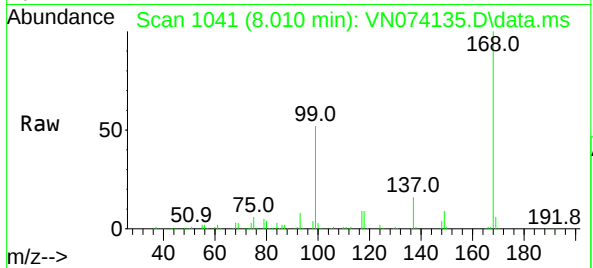




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074135.D
Acq: 26 Aug 2022 14:53

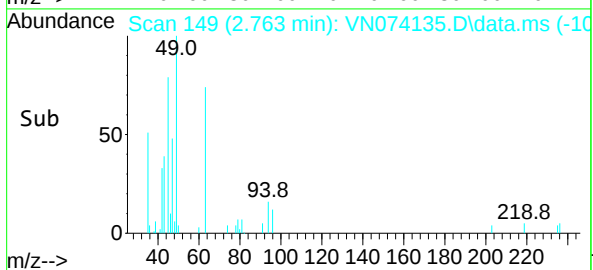
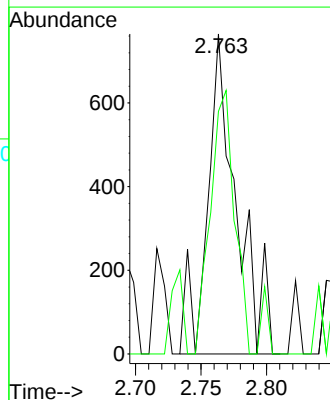
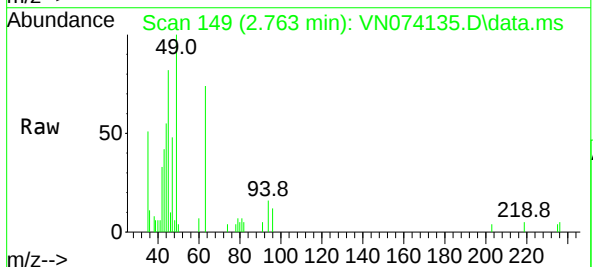
Instrument :
MSVOA_N
ClientSampleId :
RE103D1-20220818DL

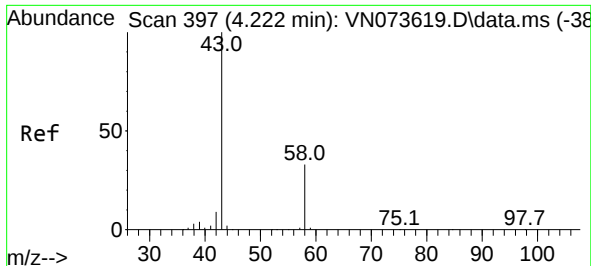
Tgt Ion:168 Resp: 621124
Ion Ratio Lower Upper
168 100
99 52.2 42.3 63.5



#5
Bromomethane
Concen: 0.271 ug/l
RT: 2.763 min Scan# 149
Delta R.T. -0.024 min
Lab File: VN074135.D
Acq: 26 Aug 2022 14:53

Tgt Ion: 94 Resp: 1190
Ion Ratio Lower Upper
94 100
96 75.8 76.0 114.0#





#16

Acetone

Concen: 1.032 ug/l

RT: 4.234 min Scan# 397

Delta R.T. 0.012 min

Lab File: VN074135.D

Acq: 26 Aug 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

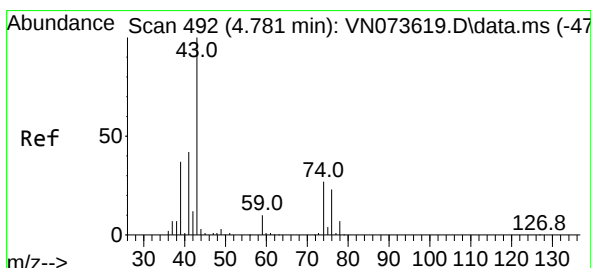
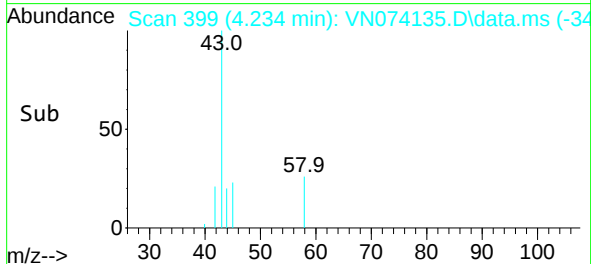
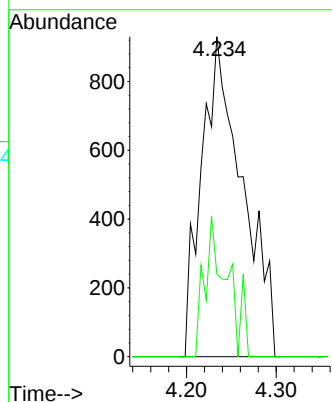
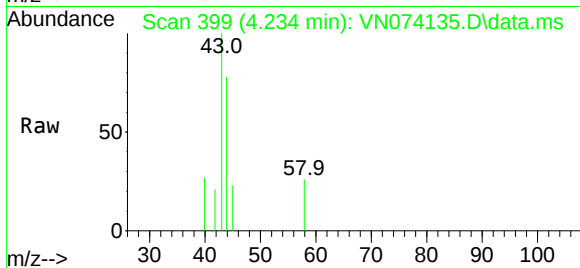
RE103D1-20220818DL

Tgt Ion: 43 Resp: 2946

Ion Ratio Lower Upper

43 100

58 25.8 26.0 39.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.781 min Scan# 492

Delta R.T. -0.000 min

Lab File: VN074135.D

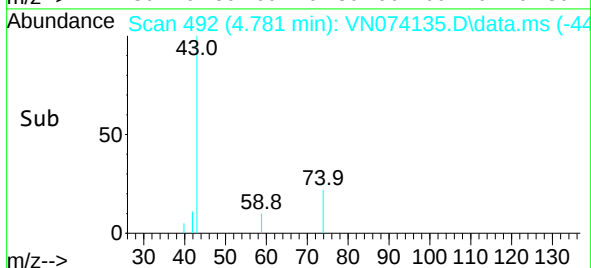
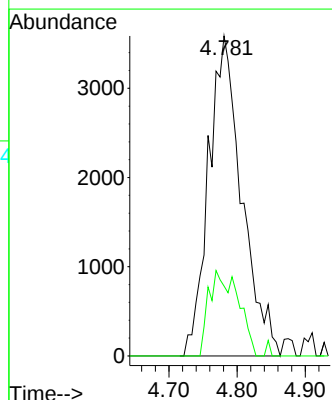
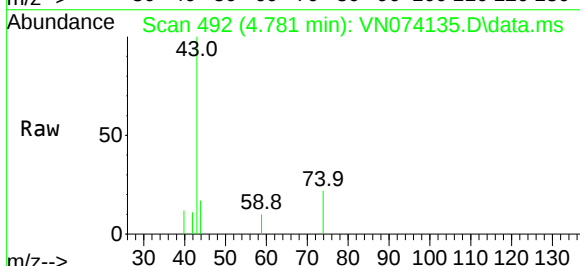
Acq: 26 Aug 2022 14:53

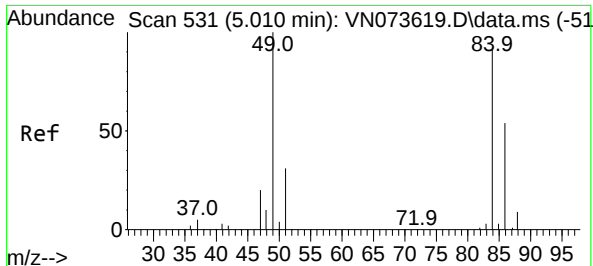
Tgt Ion: 43 Resp: 12173

Ion Ratio Lower Upper

43 100

74 23.7 21.6 32.4



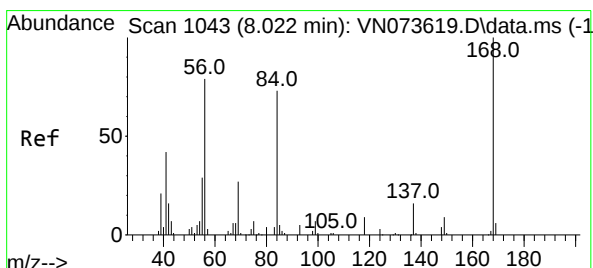
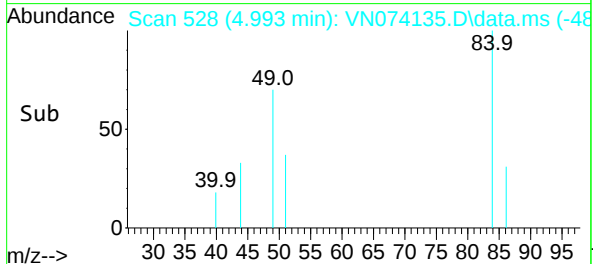
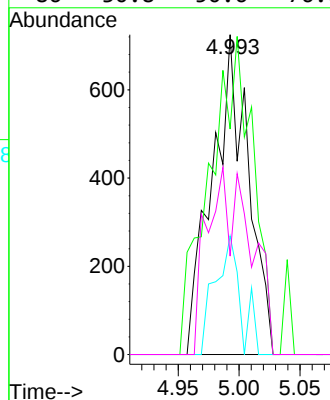
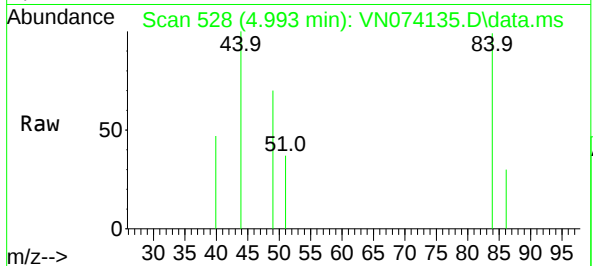


#20
Methylene Chloride
Concen: 0.248 ug/l
RT: 4.993 min Scan# 51
Delta R.T. -0.017 min
Lab File: VN074135.D
Acq: 26 Aug 2022 14:53

Instrument :
MSVOA_N
ClientSampleId :
RE103D1-20220818DL

Tgt Ion: 84 Resp: 1493

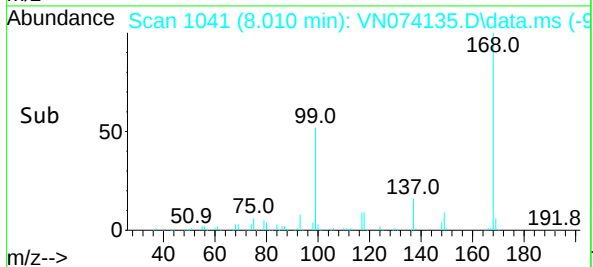
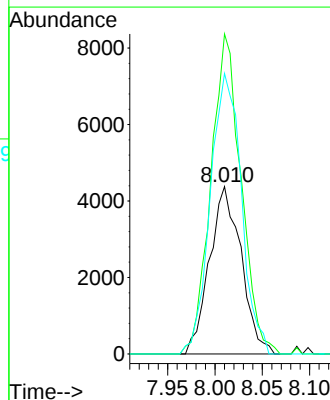
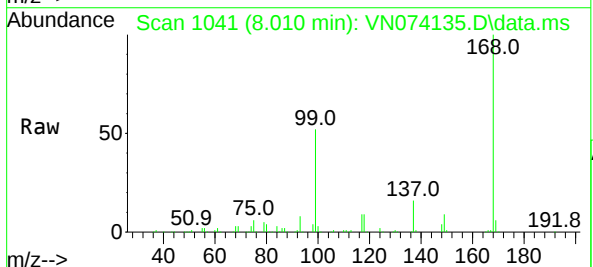
Ion	Ratio	Lower	Upper
84	100		
49	70.5	88.3	132.5#
51	37.1	28.2	42.2
86	30.8	50.6	76.0#

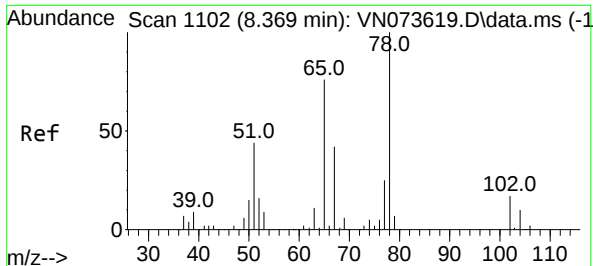


#31
Cyclohexane
Concen: 1.206 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074135.D
Acq: 26 Aug 2022 14:53

Tgt Ion: 56 Resp: 10173

Ion	Ratio	Lower	Upper
56	100		
69	191.2	27.8	41.8#
84	167.6	76.9	115.3#

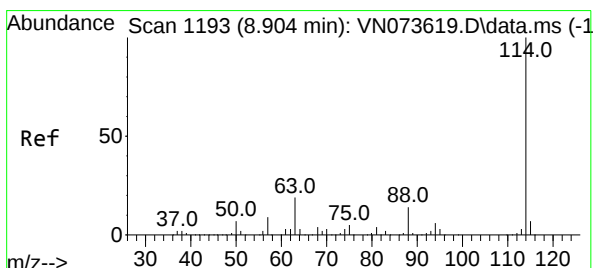
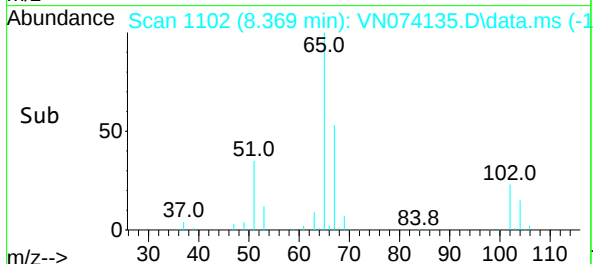
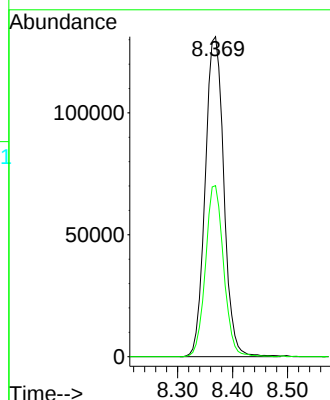
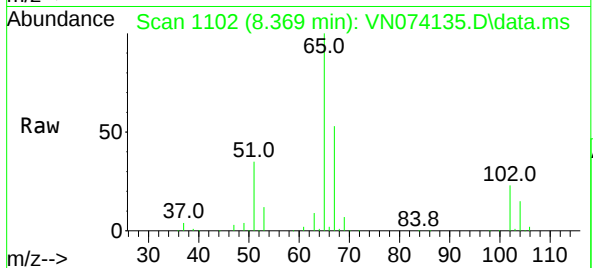




#33
 1,2-Dichloroethane-d4
 Concen: 51.071 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN074135.D
 Acq: 26 Aug 2022 14:53

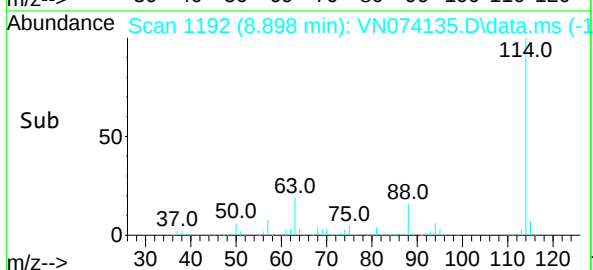
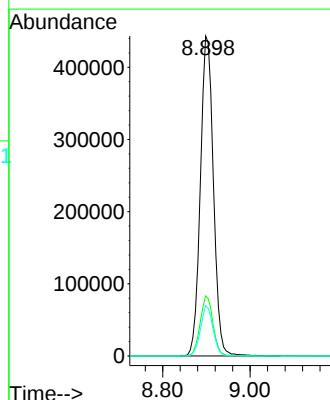
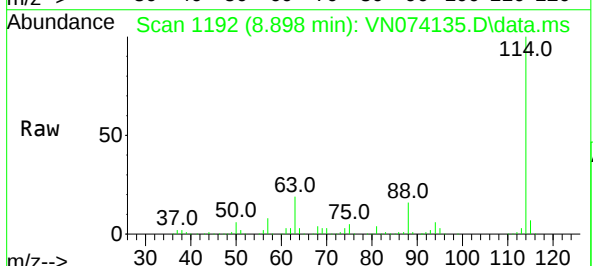
Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D1-20220818DL

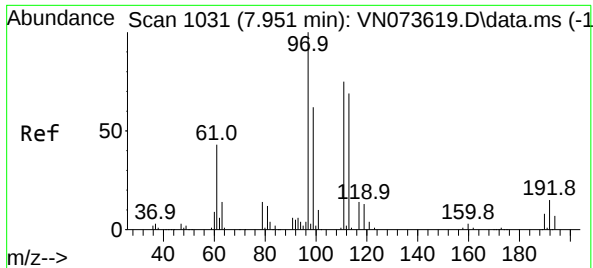
Tgt Ion: 65 Resp: 308965
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.898 min Scan# 1192
 Delta R.T. -0.006 min
 Lab File: VN074135.D
 Acq: 26 Aug 2022 14:53

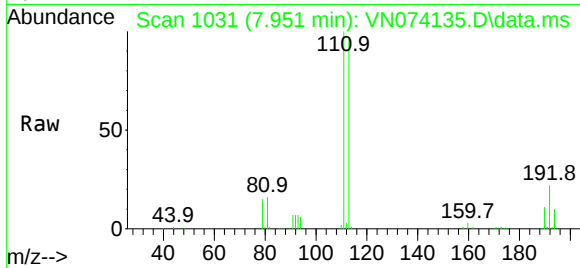
Tgt Ion: 114 Resp: 922839
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.0
 88 15.8 0.0 32.6



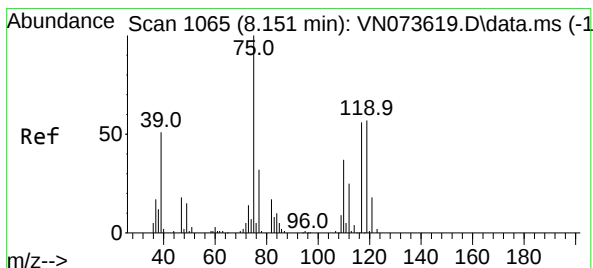
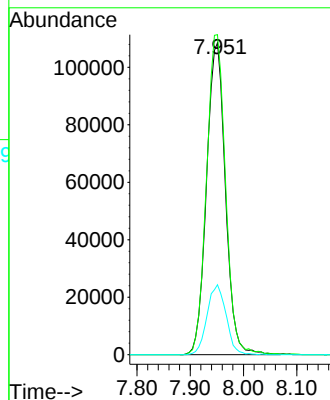
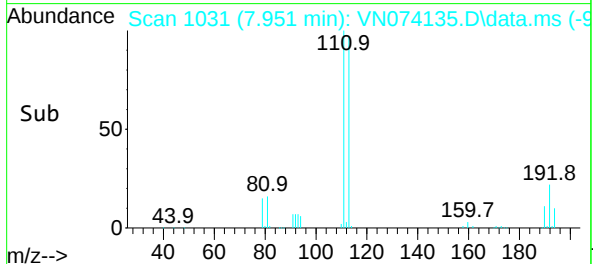


#35
Dibromofluoromethane
Concen: 48.978 ug/l
RT: 7.951 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN074135.D
Acq: 26 Aug 2022 14:53

Instrument :
MSVOA_N
ClientSampleId :
RE103D1-20220818DL

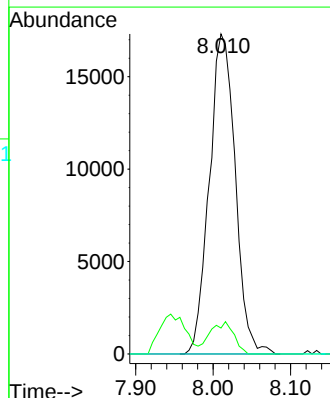
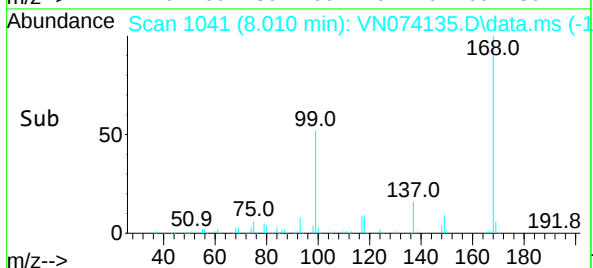
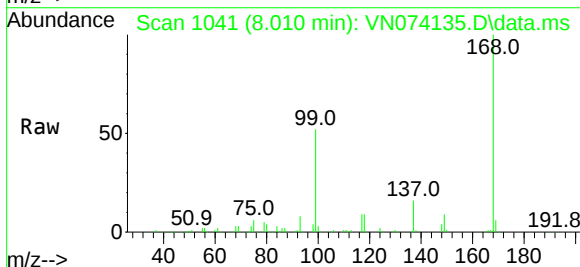


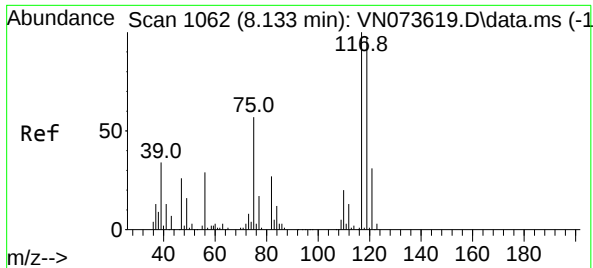
Tgt Ion:113 Resp: 267301
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 22.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.323 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN074135.D
Acq: 26 Aug 2022 14:53

Tgt Ion: 75 Resp: 40351
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 25.1 37.7#

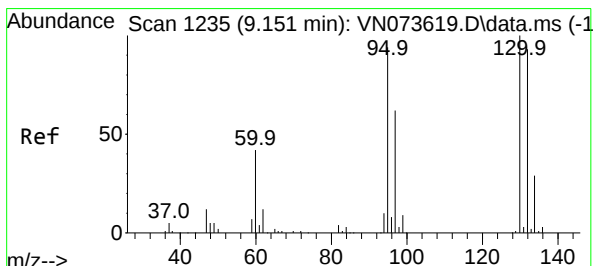
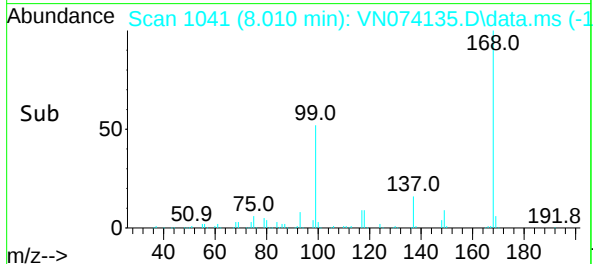
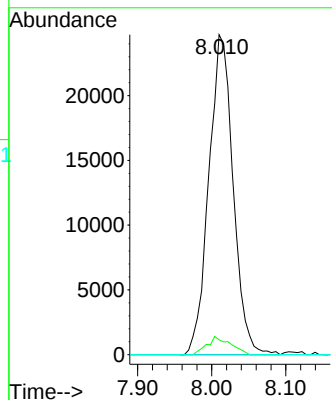
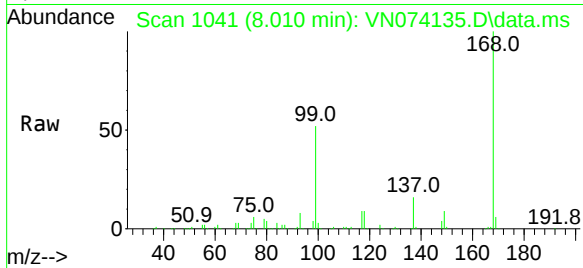




#38
Carbon Tetrachloride
Concen: 6.499 ug/l
RT: 8.010 min Scan# 117
Delta R.T. -0.123 min
Lab File: VN074135.D
Acq: 26 Aug 2022 14:53

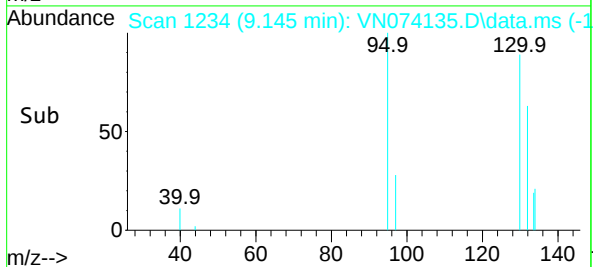
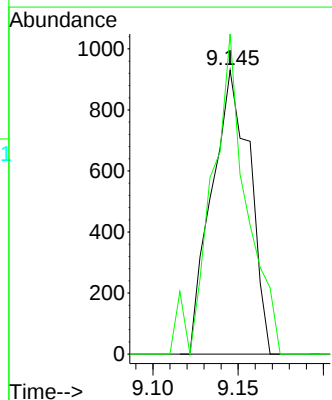
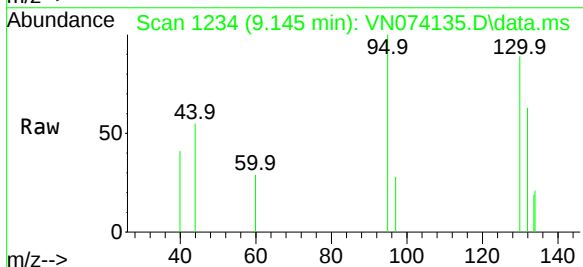
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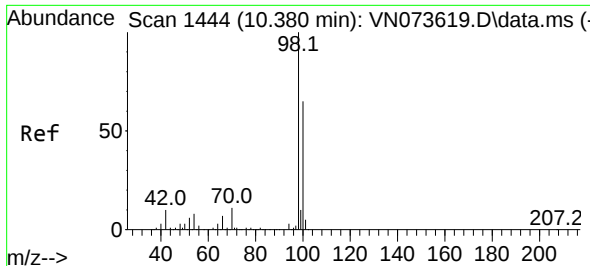
Tgt Ion:117 Resp: 56315
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.8#
121 0.0 24.6 37.0#



#44
Trichloroethene
Concen: 0.208 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN074135.D
Acq: 26 Aug 2022 14:53

Tgt Ion:130 Resp: 1437
Ion Ratio Lower Upper
130 100
95 112.8 0.0 186.8

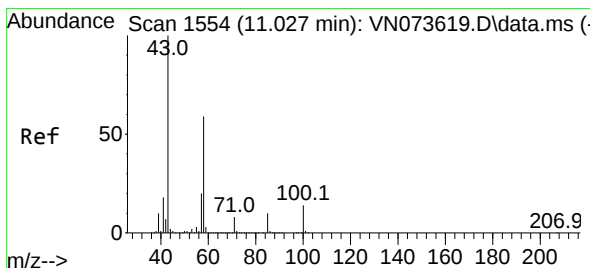
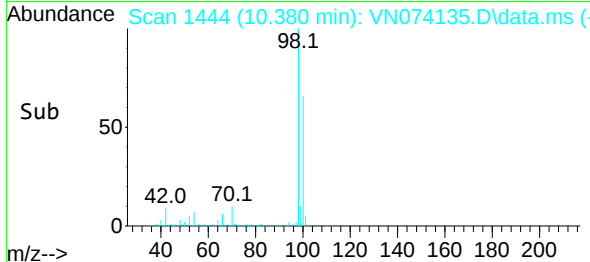
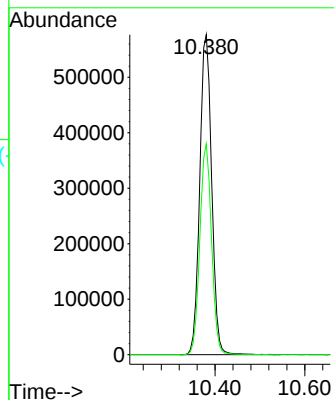
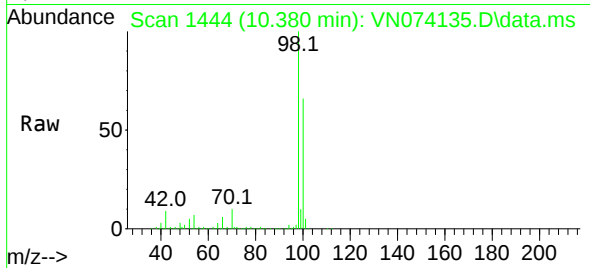




#50
Toluene-d8
Concen: 50.199 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074135.D
Acq: 26 Aug 2022 14:53

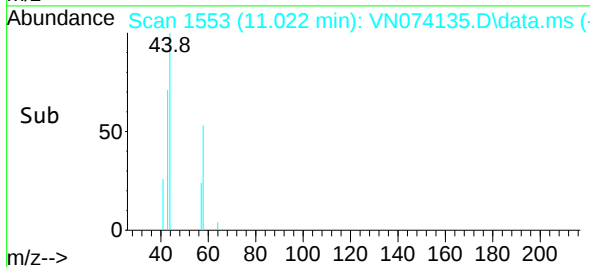
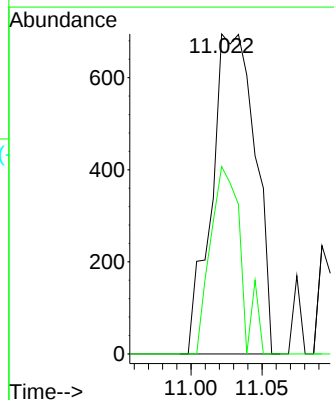
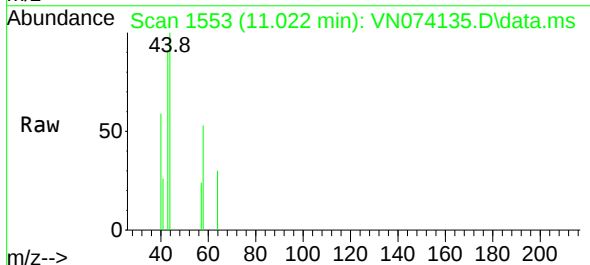
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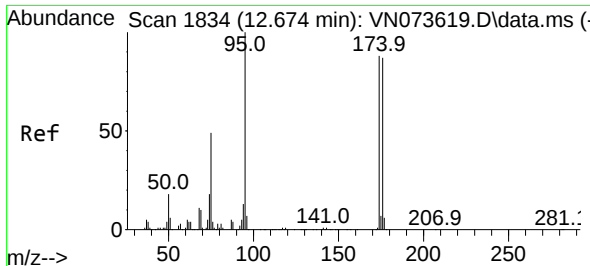
Tgt Ion: 98 Resp: 1061045
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#59
2-Hexanone
Concen: 0.218 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.005 min
Lab File: VN074135.D
Acq: 26 Aug 2022 14:53

Tgt Ion: 43 Resp: 1483
Ion Ratio Lower Upper
43 100
58 40.7 29.7 89.1

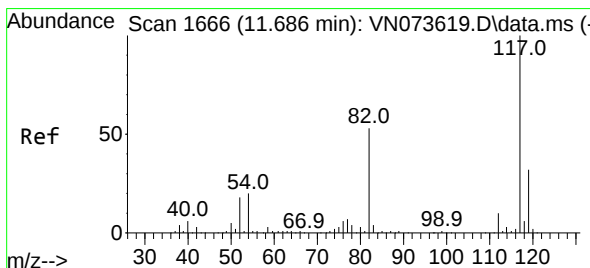
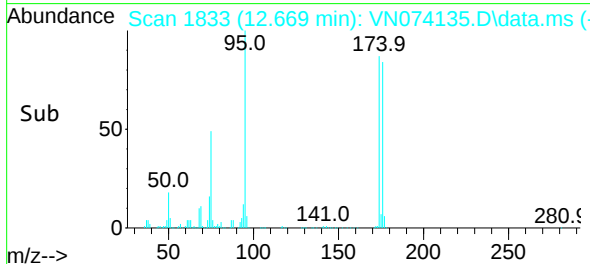
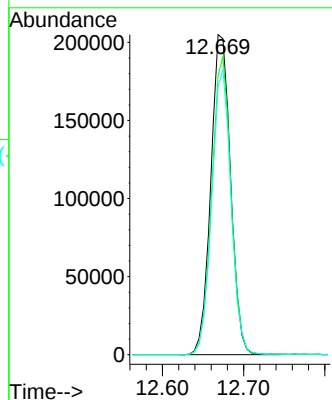
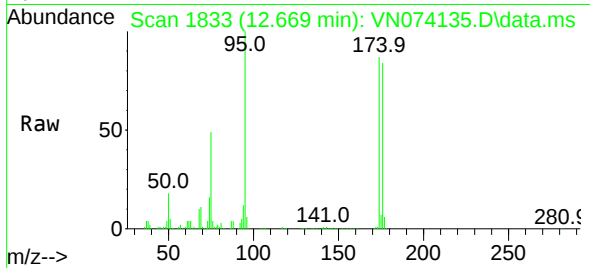




#62
4-Bromofluorobenzene
Concen: 49.323 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074135.D
Acq: 26 Aug 2022 14:53

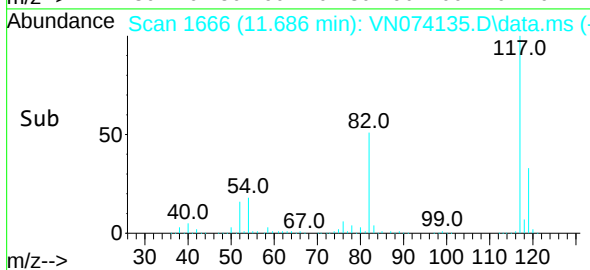
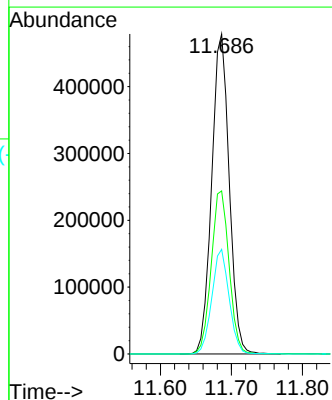
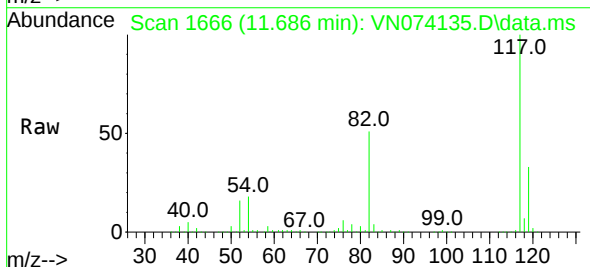
Instrument :
MSVOA_N
ClientSampleId :
RE103D1-20220818DL

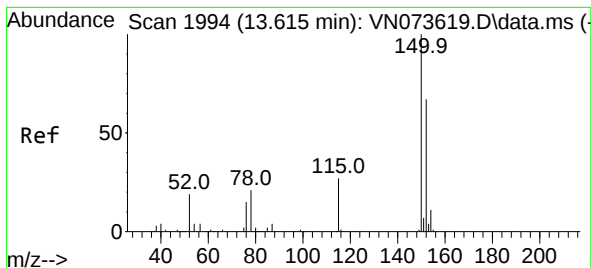
Tgt Ion: 95 Resp: 345997
Ion Ratio Lower Upper
95 100
174 91.3 0.0 167.6
176 86.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074135.D
Acq: 26 Aug 2022 14:53

Tgt Ion: 117 Resp: 819440
Ion Ratio Lower Upper
117 100
82 51.0 44.2 66.2
119 32.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074135.D

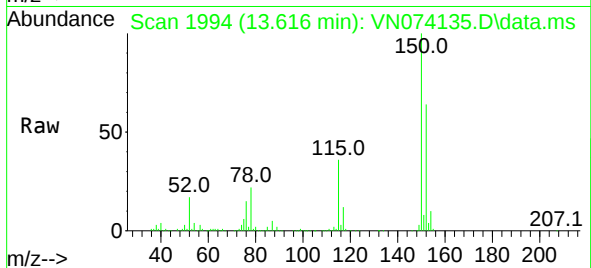
Acq: 26 Aug 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

RE103D1-20220818DL



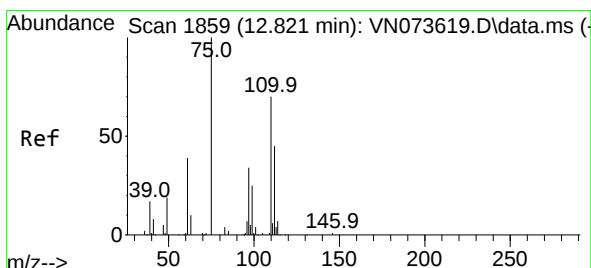
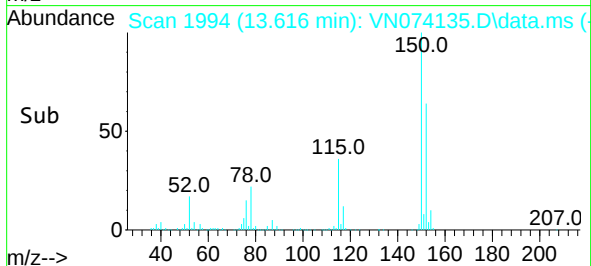
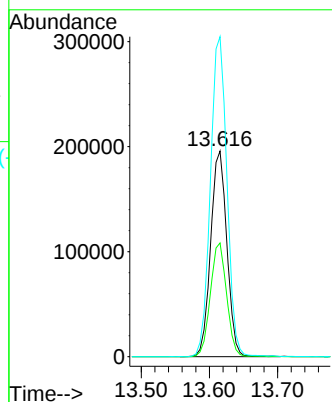
Tgt Ion:152 Resp: 324532

Ion Ratio Lower Upper

152 100

115 55.3 28.9 86.7

150 158.5 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 25.132 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.147 min

Lab File: VN074135.D

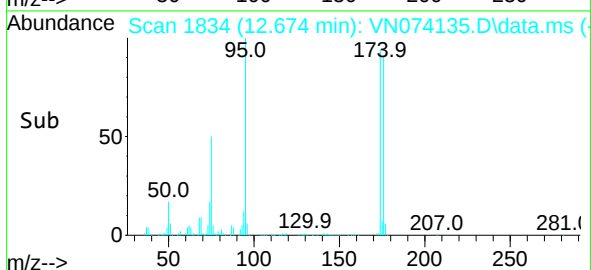
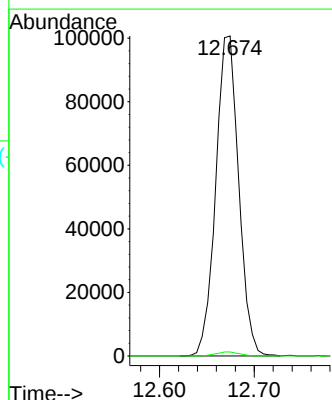
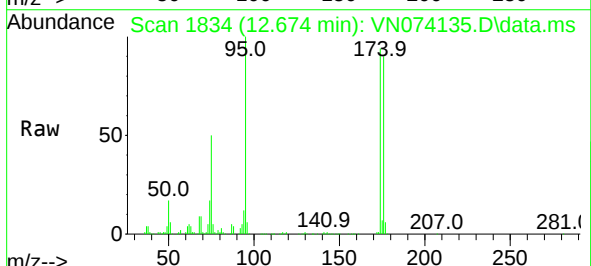
Acq: 26 Aug 2022 14:53

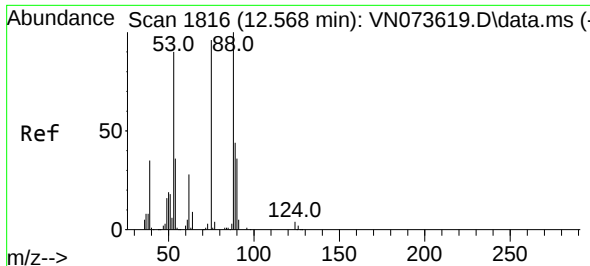
Tgt Ion: 75 Resp: 169526

Ion Ratio Lower Upper

75 100

77 1.2 98.5 295.5#

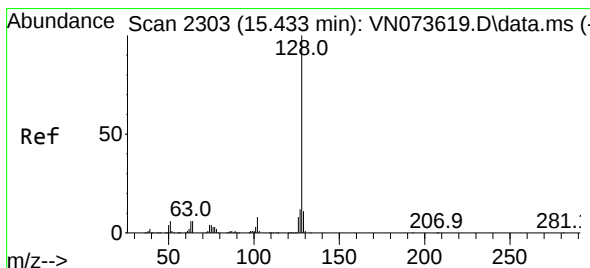
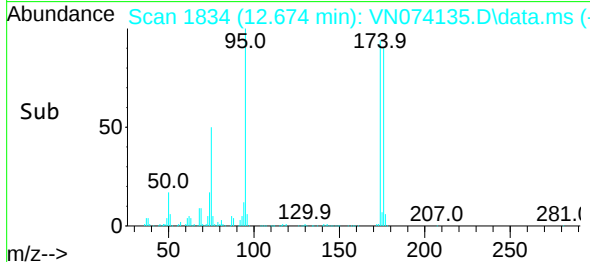
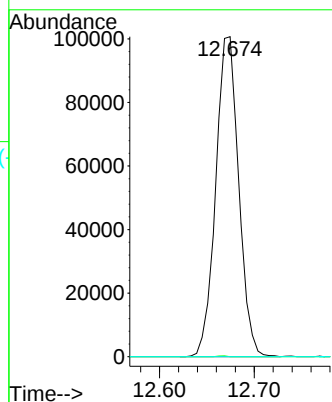
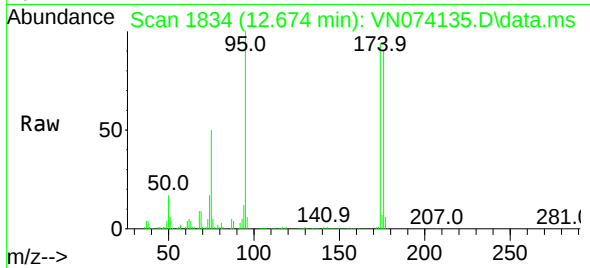




#81
trans-1,4-Dichloro-2-butene
Concen: 71.481 ug/l
RT: 12.674 min Scan# 1816
Delta R.T. 0.106 min
Lab File: VN074135.D
Acq: 26 Aug 2022 14:53

Instrument :
MSVOA_N
ClientSampleId :
RE103D1-20220818DL

Tgt Ion: 75 Resp: 169526
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.215 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN074135.D
Acq: 26 Aug 2022 14:53

Tgt Ion:128 Resp: 4888
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 2.9 8.6 13.0#

