

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073822.D
 Acq On : 11 Aug 2022 14:00
 Operator : JC\MD
 Sample : N4169-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE133D1-20220809

Quant Time: Aug 12 06:01:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

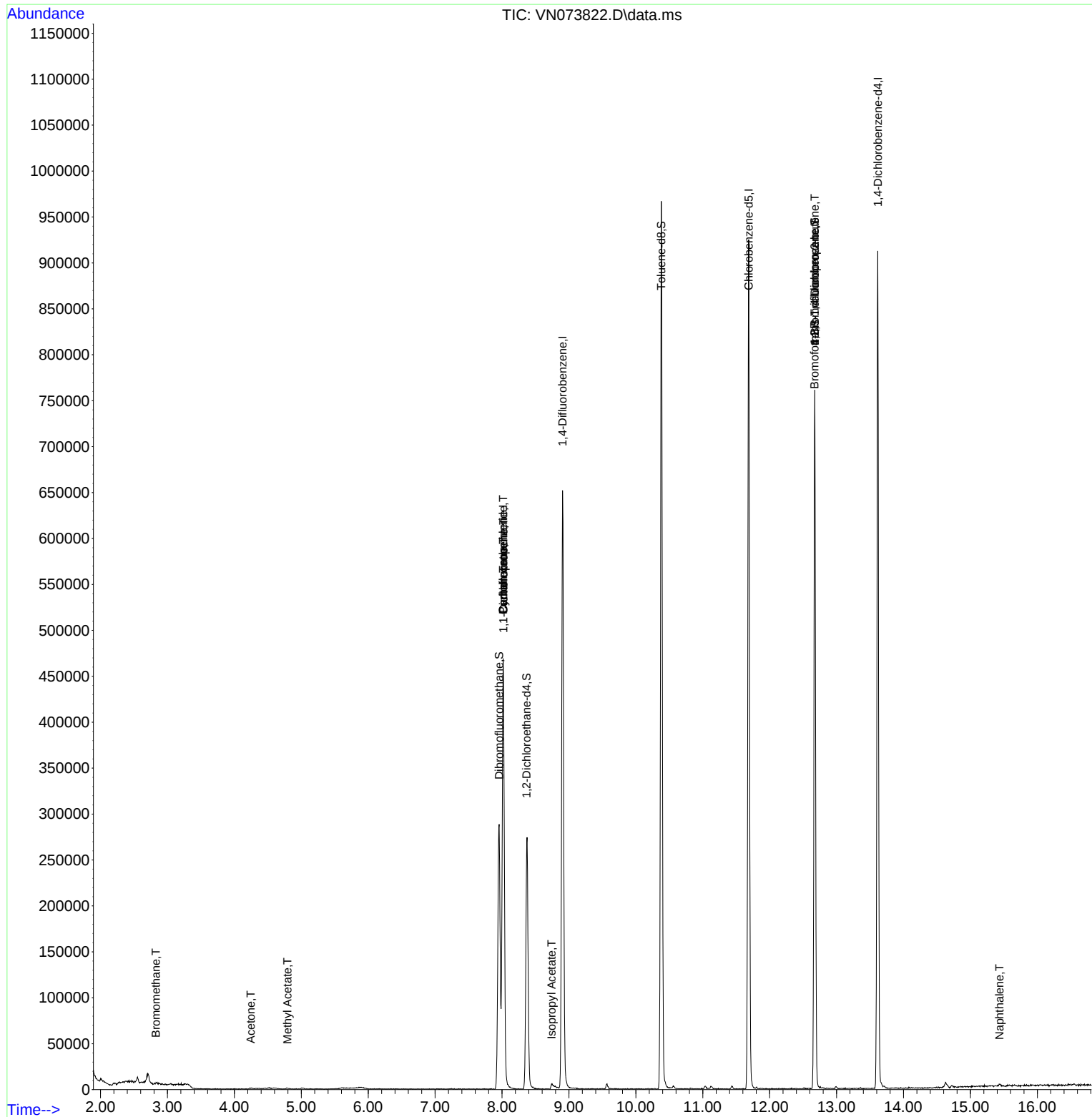
Internal Standards						
1) Pentafluorobenzene	8.016	168	384600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	596762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	555550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	259326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	229849	49.040	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.080%
35) Dibromofluoromethane	7.957	113	214865	57.339	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.680%
50) Toluene-d8	10.381	98	682270	46.268	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.540%
62) 4-Bromofluorobenzene	12.674	95	247705	47.969	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.940%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	968	Below Cal		98
5) Bromomethane	2.828	94	1527	0.404 ug/l #		70
6) Chloroethane	2.963	64	65	Below Cal #		42
16) Acetone	4.246	43	2205	0.876 ug/l #		87
18) Methyl Acetate	4.793	43	2167	0.346 ug/l #		62
20) Methylene Chloride	5.004	84	978	Below Cal #		66
31) Cyclohexane	8.016	56	7027	1.007 ug/l #		1
36) 1,1-Dichloropropene	8.022	75	27729	5.192 ug/l #		48
38) Carbon Tetrachloride	8.016	117	35146	6.479 ug/l #		17
43) Isopropyl Acetate	8.739	43	3094	0.326 ug/l #		53
71) Bromoform	12.669	173	1444	0.413 ug/l #		28
76) 1,2,3-Trichloropropane	12.674	75	124709	24.614 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.674	75	124709	62.321 ug/l #		11
95) Naphthalene	15.433	128	3009	0.204 ug/l #		72

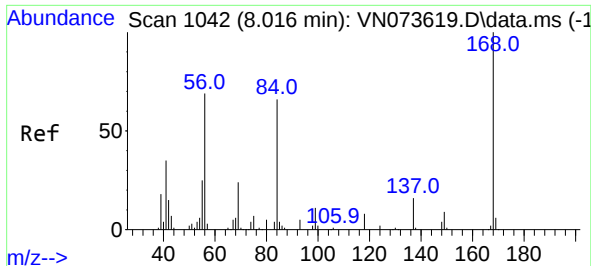
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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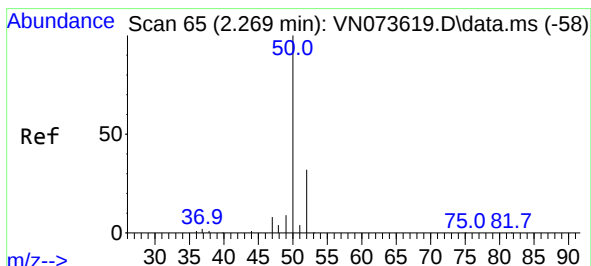
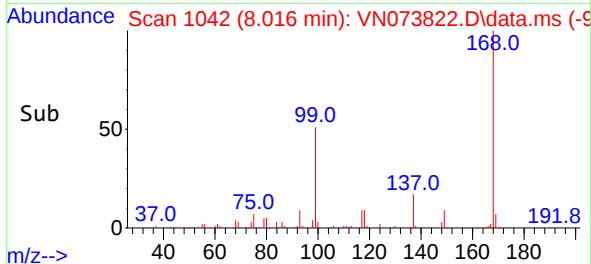
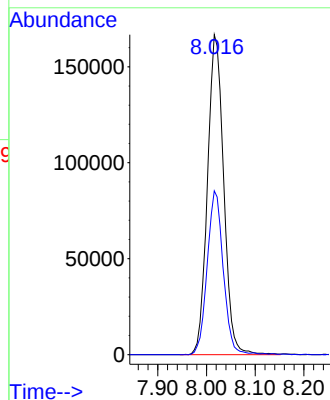
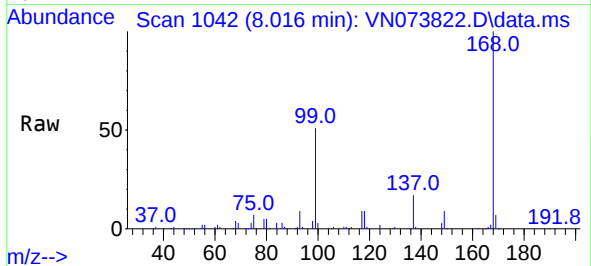




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

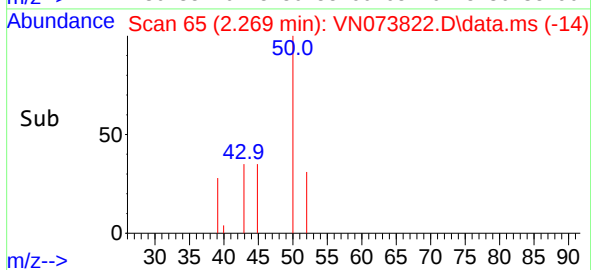
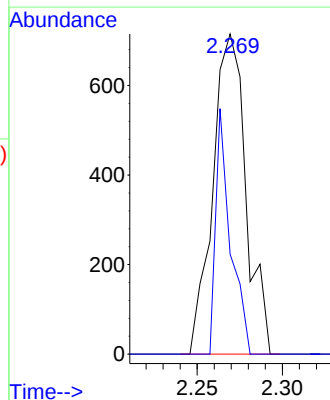
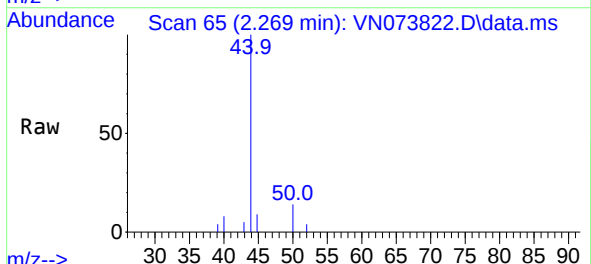
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809

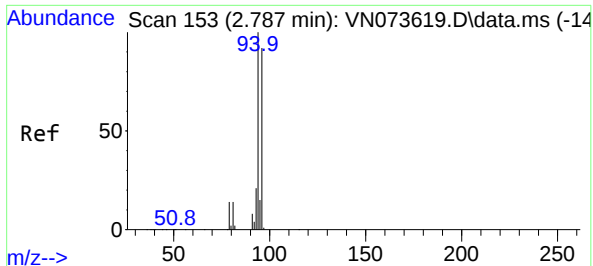
Tgt Ion:168 Resp: 384600
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

Tgt Ion: 50 Resp: 968
Ion Ratio Lower Upper
50 100
52 31.2 25.7 38.5

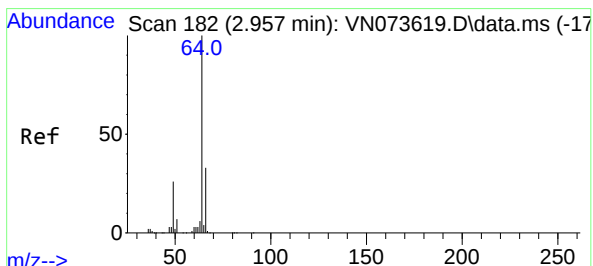
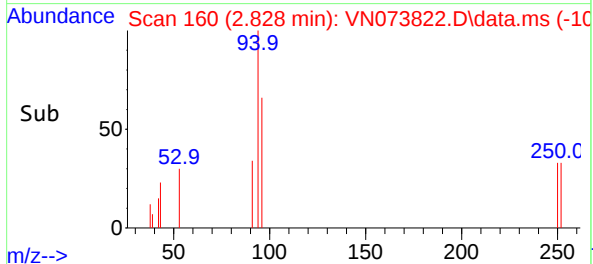
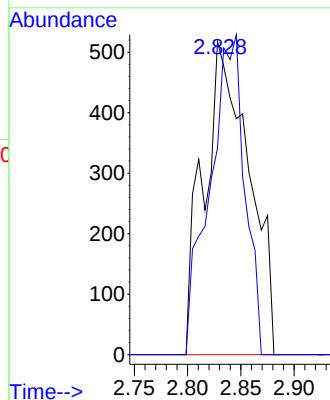
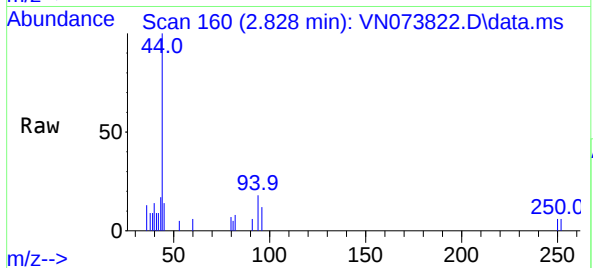




#5
Bromomethane
Concen: 0.404 ug/l
RT: 2.828 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

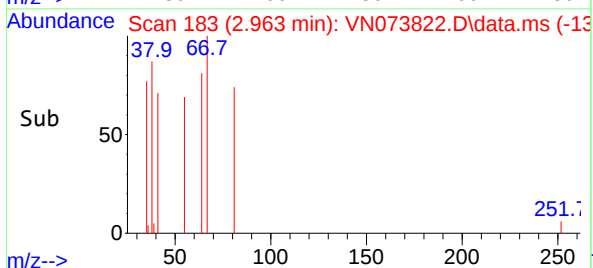
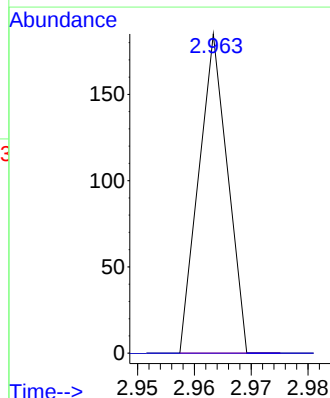
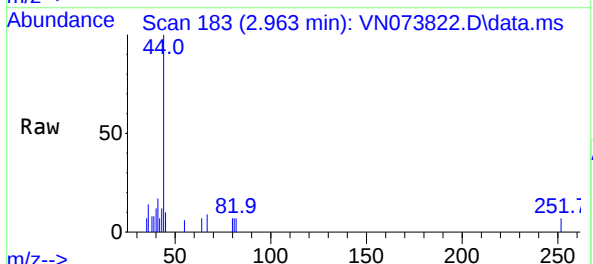
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809

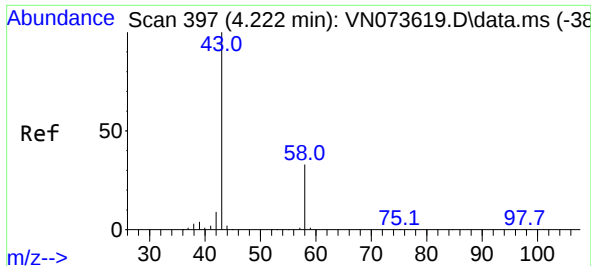
Tgt Ion: 94 Resp: 1527
Ion Ratio Lower Upper
94 100
96 65.8 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.963 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

Tgt Ion: 64 Resp: 65
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

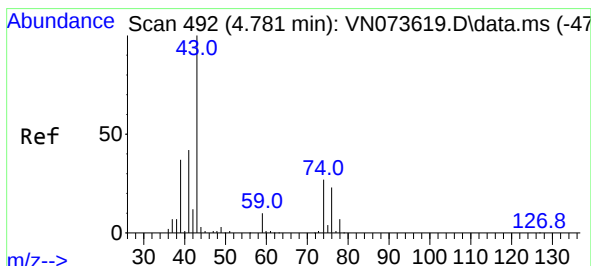
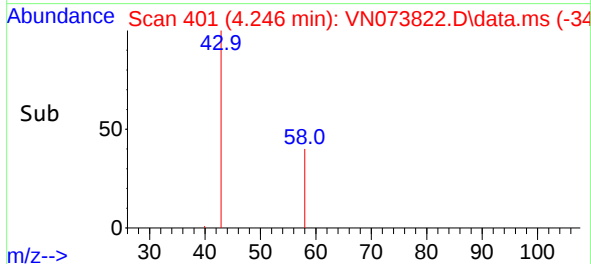
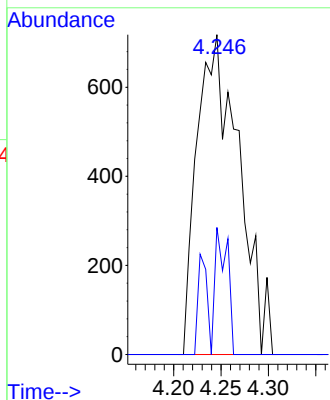
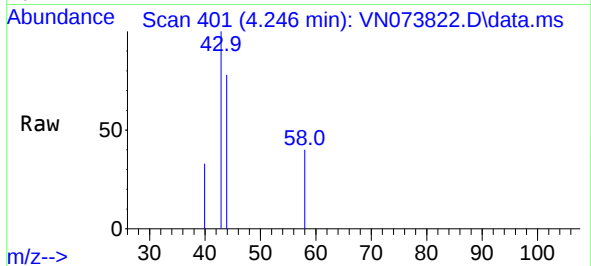




#16
Acetone
Concen: 0.876 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

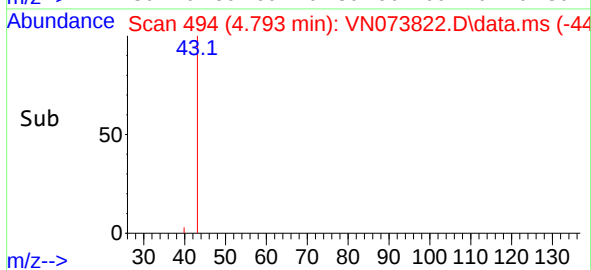
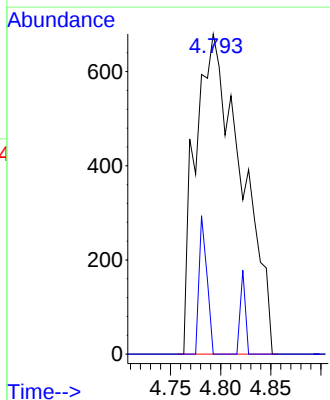
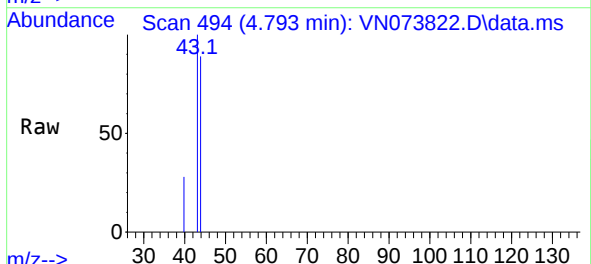
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809

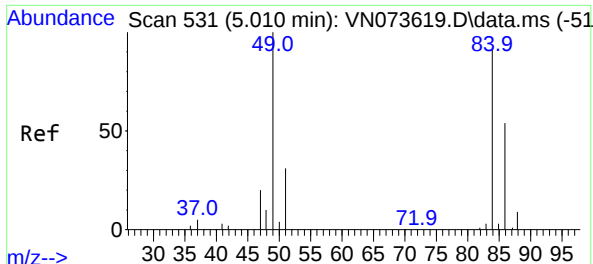
Tgt Ion: 43 Resp: 2205
Ion Ratio Lower Upper
43 100
58 39.7 26.0 39.0#



#18
Methyl Acetate
Concen: 0.346 ug/l
RT: 4.793 min Scan# 494
Delta R.T. 0.012 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

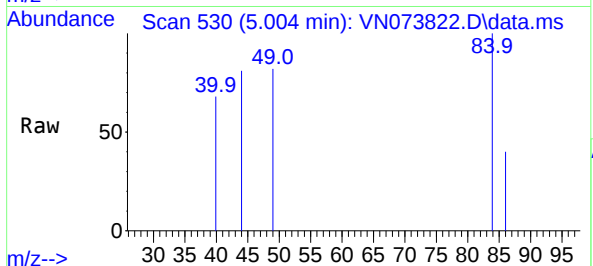
Tgt Ion: 43 Resp: 2167
Ion Ratio Lower Upper
43 100
74 7.3 21.6 32.4#





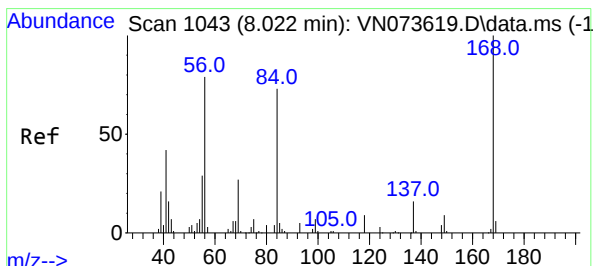
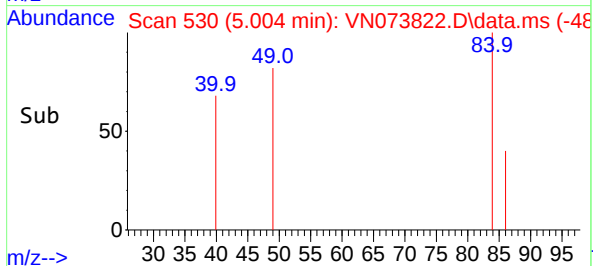
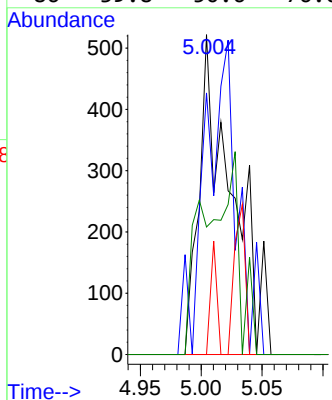
#20
Methylene Chloride
Concen: Below Cal
RT: 5.004 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809



Tgt Ion: 84 Resp: 978

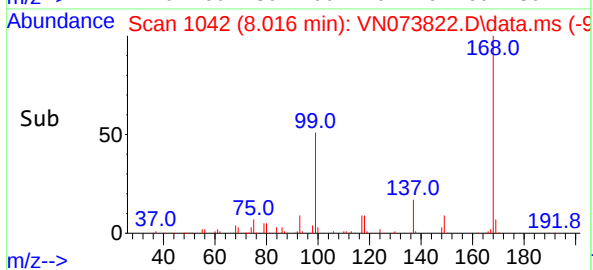
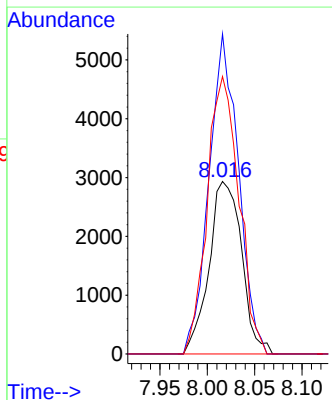
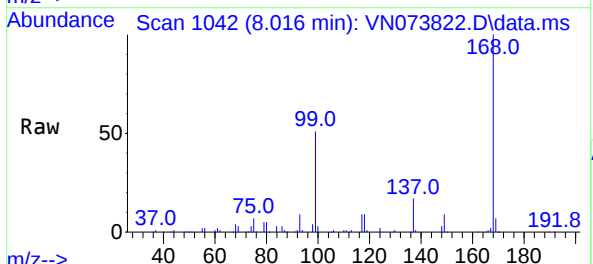
Ion	Ratio	Lower	Upper
84	100		
49	81.8	88.3	132.5#
51	0.0	28.2	42.2#
86	39.8	50.6	76.0#

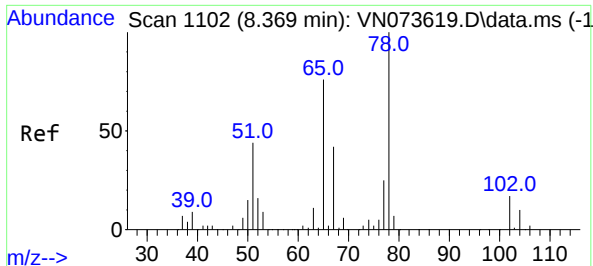


#31
Cyclohexane
Concen: 1.007 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

Tgt Ion: 56 Resp: 7027

Ion	Ratio	Lower	Upper
56	100		
69	185.5	27.8	41.8#
84	160.8	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.040 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073822.D

Acq: 11 Aug 2022 14:00

Instrument :

MSVOA_N

ClientSampleId :

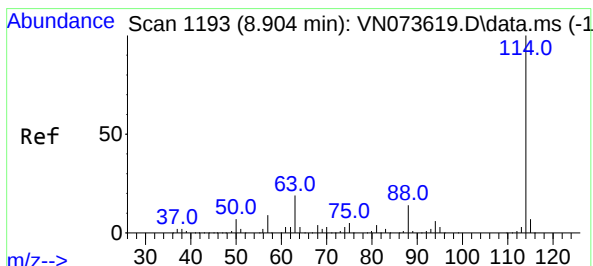
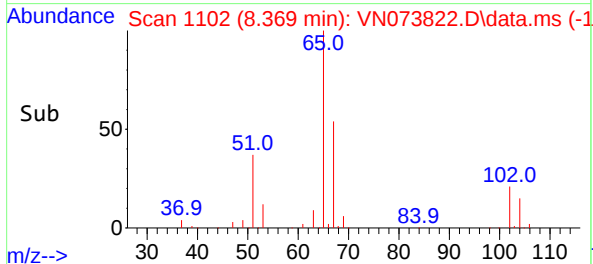
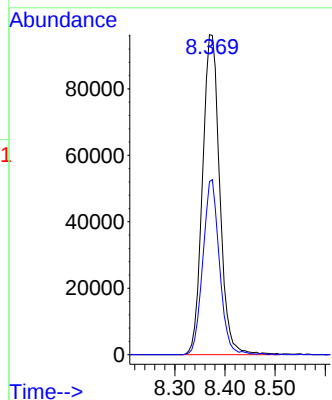
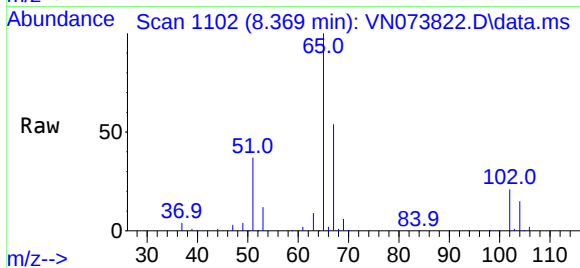
RE133D1-20220809

Tgt Ion: 65 Resp: 229849

Ion Ratio Lower Upper

65 100

67 52.6 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: VN073822.D

Acq: 11 Aug 2022 14:00

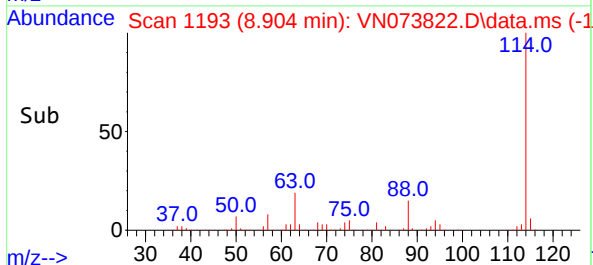
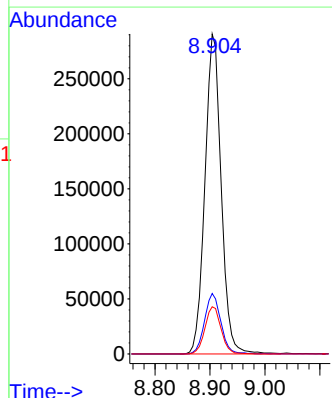
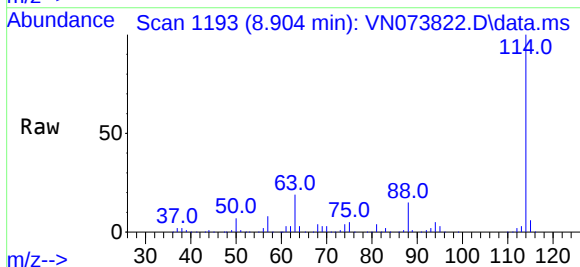
Tgt Ion: 114 Resp: 596762

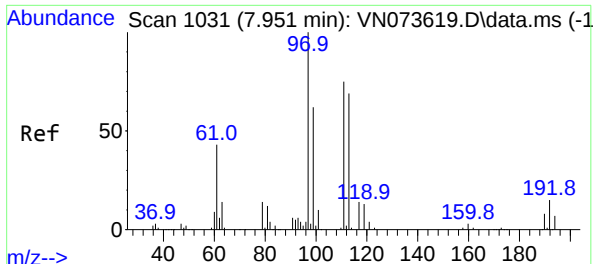
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 14.8 0.0 32.6

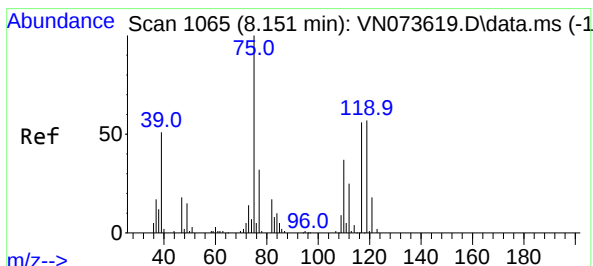
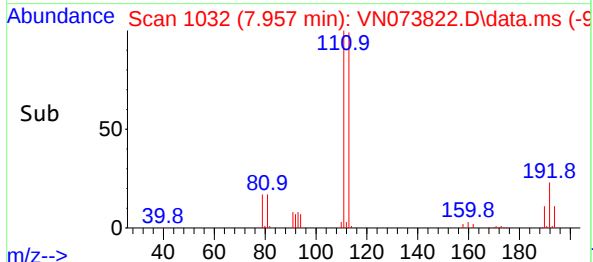
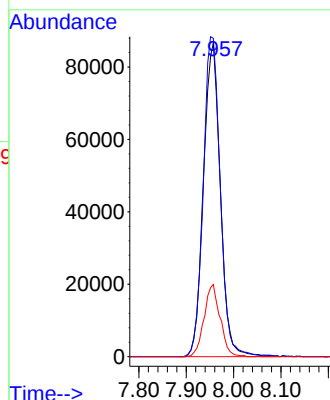
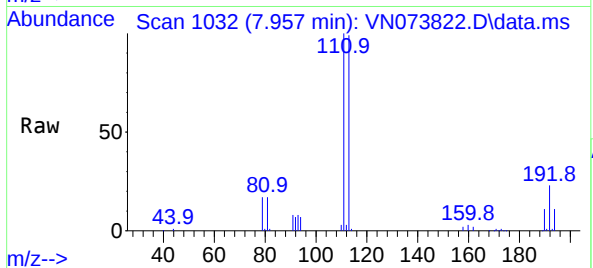




#35
Dibromofluoromethane
Concen: 57.339 ug/l
RT: 7.957 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

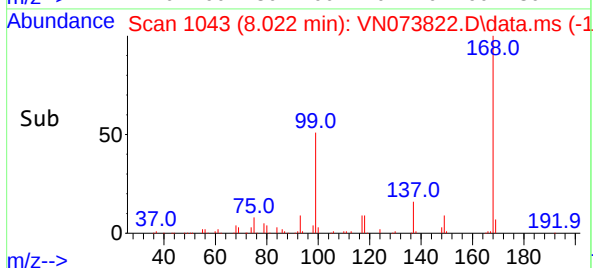
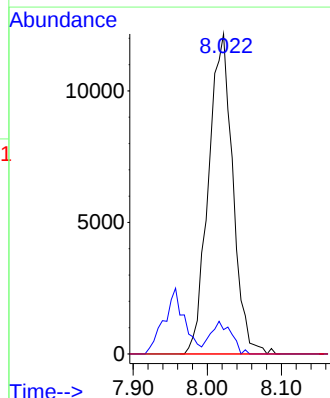
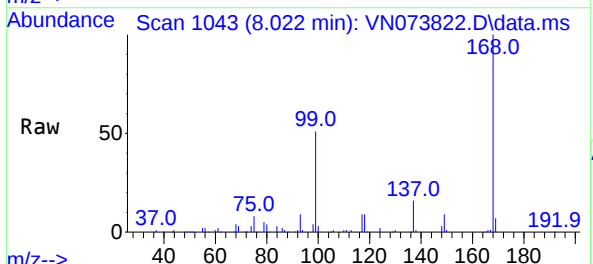
Instrument :
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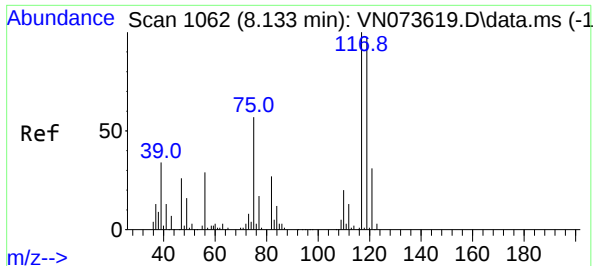
Tgt Ion:113 Resp: 214865
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 21.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.192 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

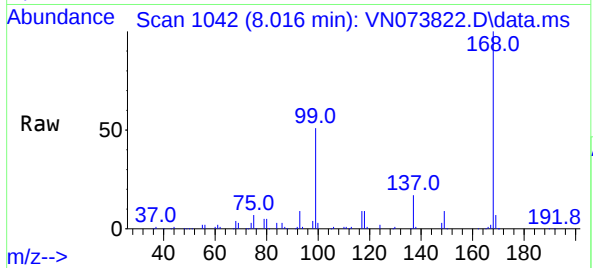
Tgt Ion: 75 Resp: 27729
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.0 25.1 37.7#



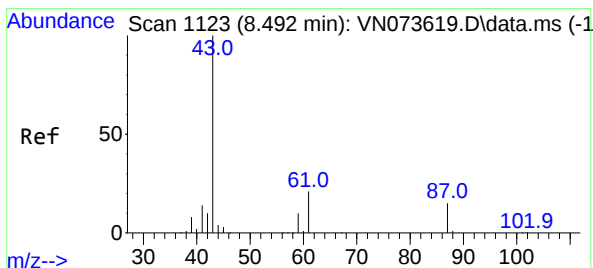
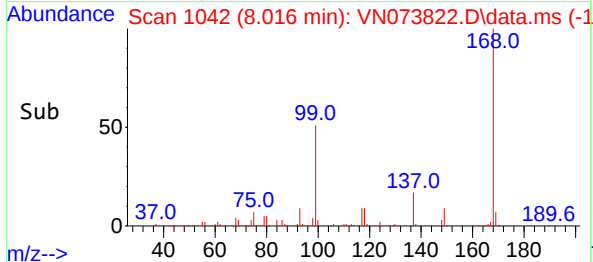
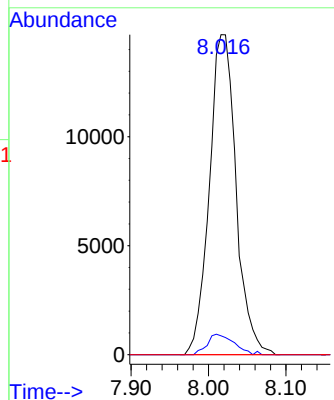


#38
Carbon Tetrachloride
Concen: 6.479 ug/l
RT: 8.016 min Scan# 1165
Delta R.T. -0.118 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809

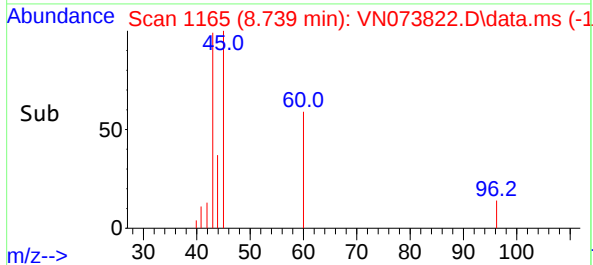
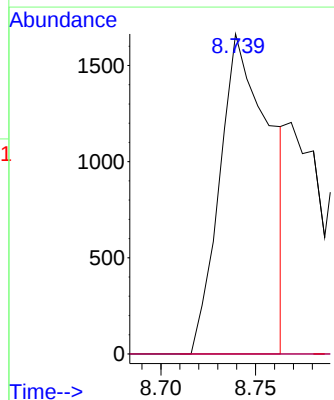
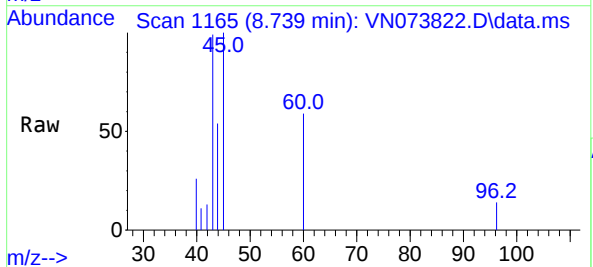


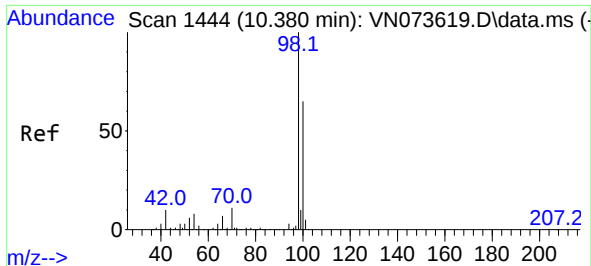
Tgt Ion:117 Resp: 35146
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.326 ug/l
RT: 8.739 min Scan# 1165
Delta R.T. 0.247 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

Tgt Ion: 43 Resp: 3094
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

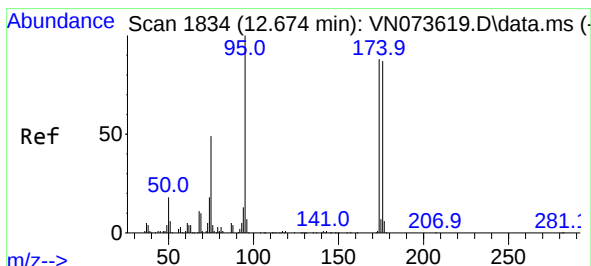
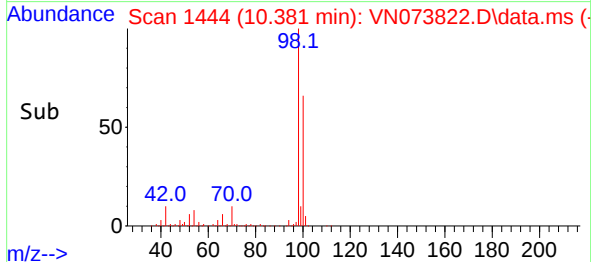
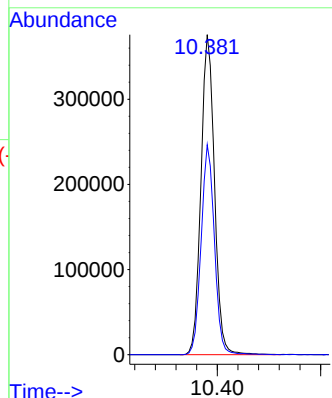
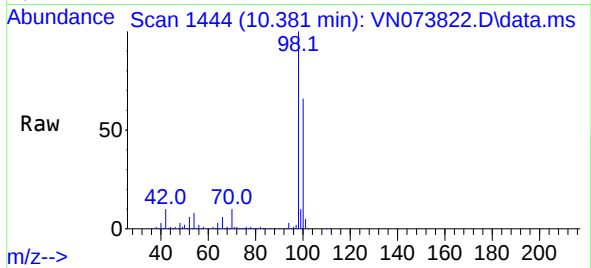




#50
Toluene-d8
Concen: 46.268 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

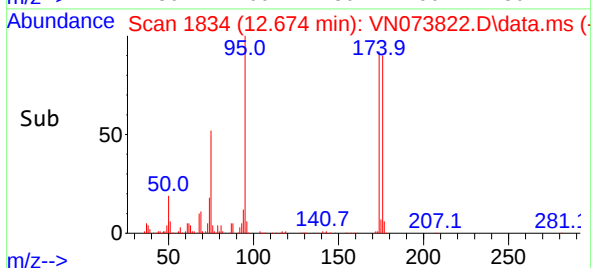
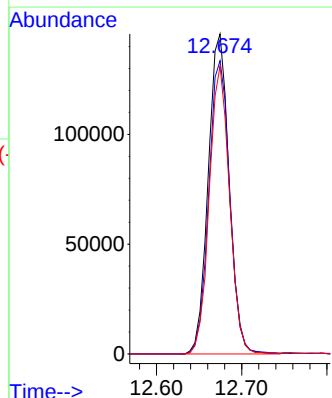
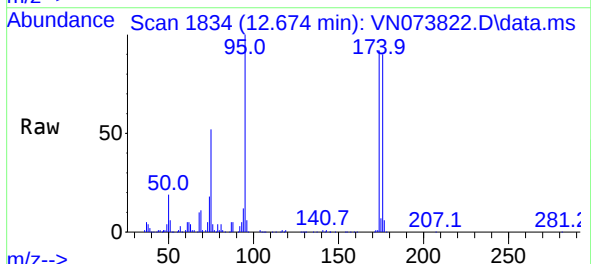
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809

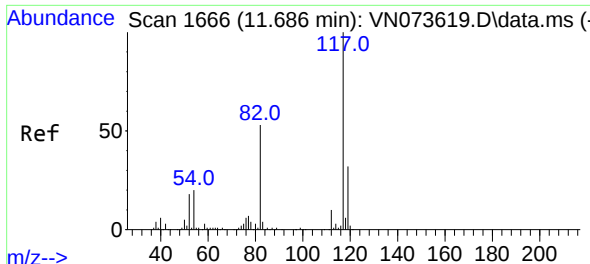
Tgt Ion: 98 Resp: 682270
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.969 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

Tgt Ion: 95 Resp: 247705
Ion Ratio Lower Upper
95 100
174 92.5 0.0 167.6
176 87.3 0.0 163.4

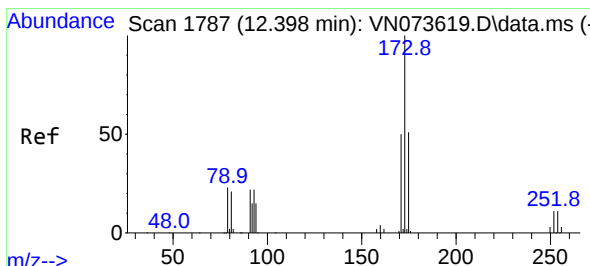
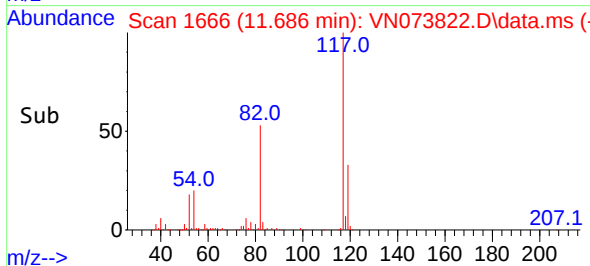
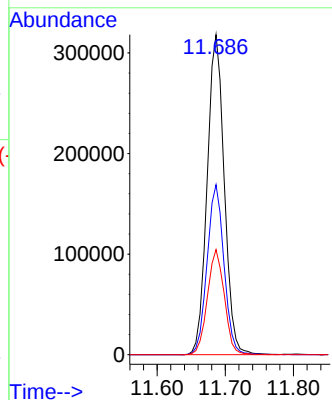
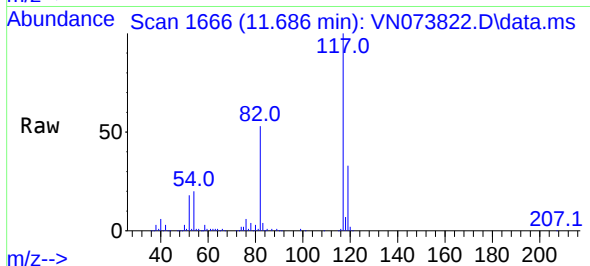




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

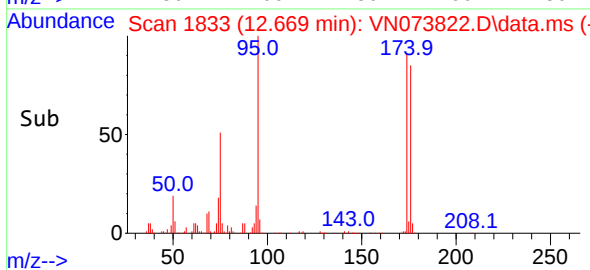
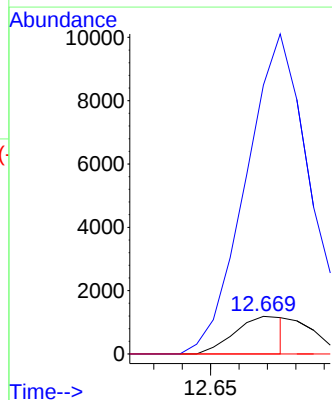
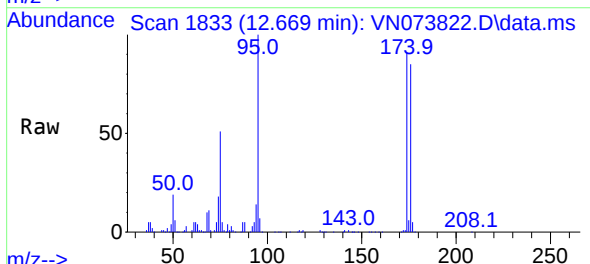
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809

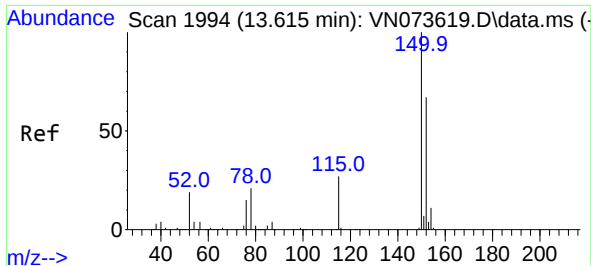
Tgt Ion:117 Resp: 555550
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.2
119 32.9 25.4 38.0



#71
Bromoform
Concen: 0.413 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

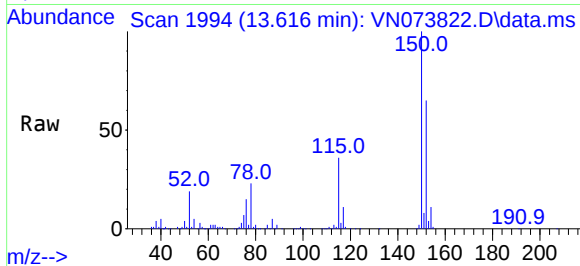
Tgt Ion:173 Resp: 1444
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



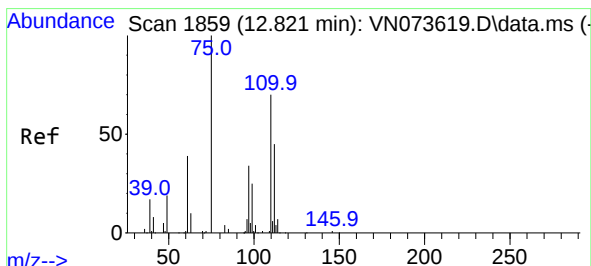
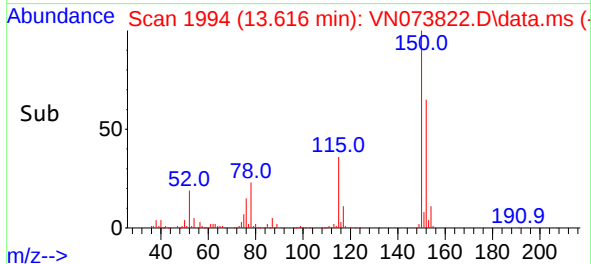
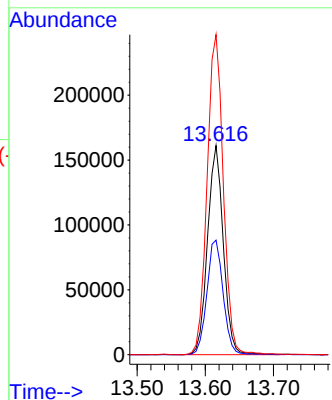


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073822.D
 Acq: 11 Aug 2022 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 RE133D1-20220809

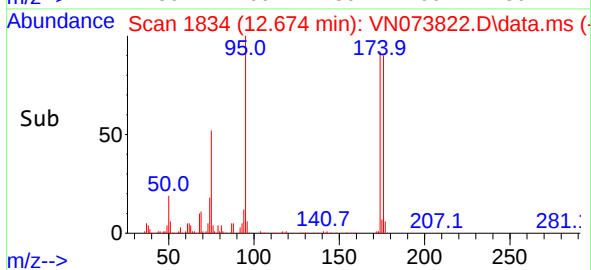
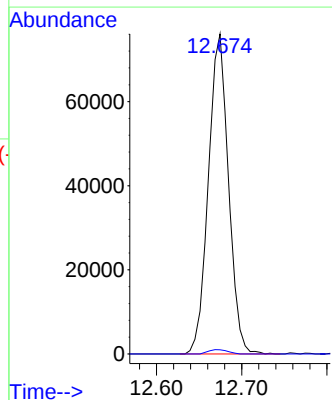
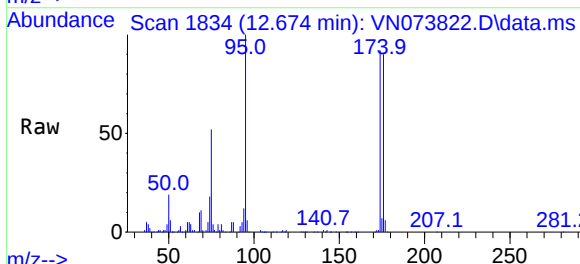


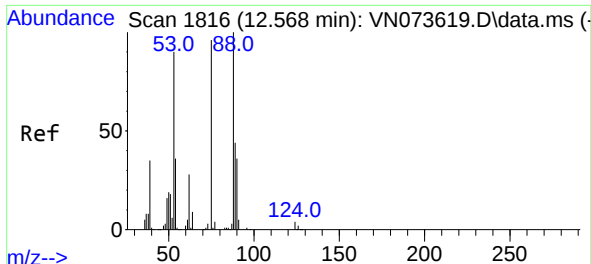
Tgt Ion:152 Resp: 259326
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.9 86.7
 150 157.9 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 24.614 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN073822.D
 Acq: 11 Aug 2022 14:00

Tgt Ion: 75 Resp: 124709
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

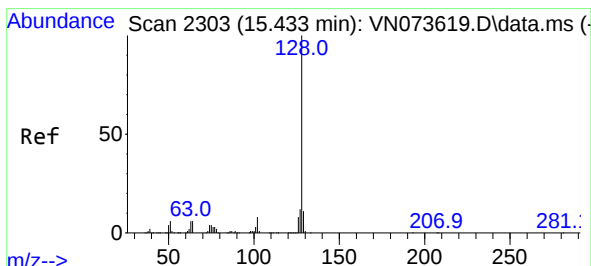
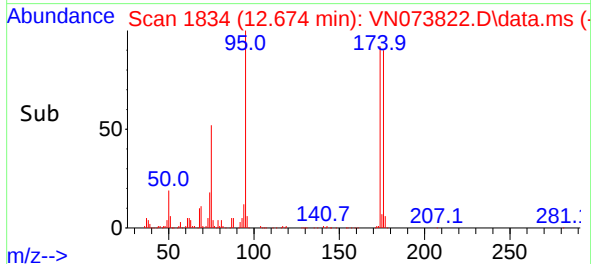
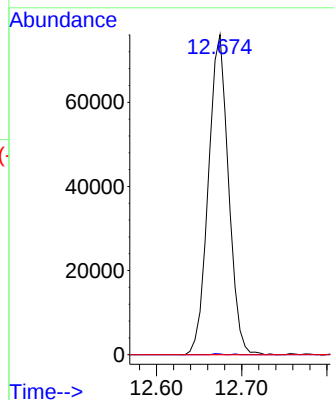
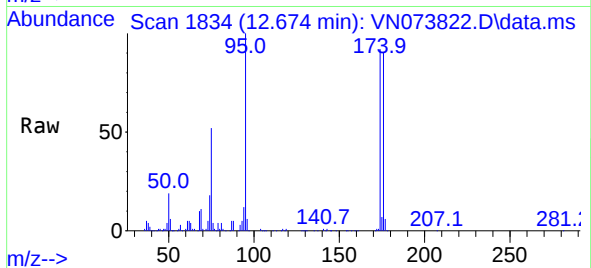




#81
trans-1,4-Dichloro-2-butene
Concen: 62.321 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809

Tgt Ion: 75 Resp: 124709
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.204 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

Tgt Ion:128 Resp: 3009
Ion Ratio Lower Upper
128 100
127 2.2 10.3 15.5#
129 0.0 8.6 13.0#

