

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074021.D
 Acq On : 19 Aug 2022 12:48
 Operator : JC\MD
 Sample : VN0819WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBL02

Quant Time: Aug 20 03:03:12 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	506367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	762765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	654625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	277641	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	262599	53.244	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.480%
35) Dibromofluoromethane	7.951	113	225265	49.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.880%
50) Toluene-d8	10.381	98	798162	45.687	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.380%
62) 4-Bromofluorobenzene	12.669	95	242069	41.750	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.500%

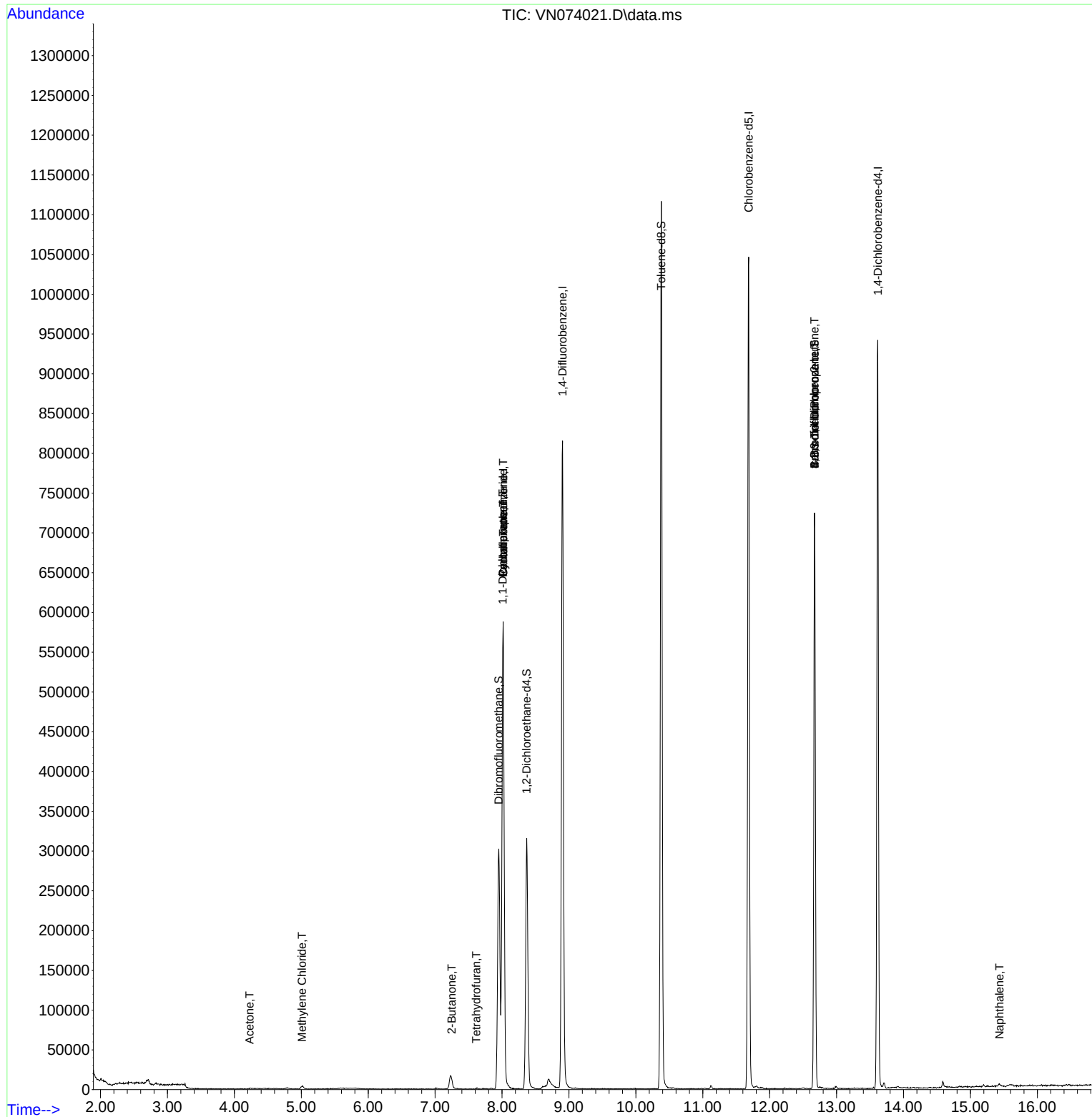
Target Compounds					Qvalue	
16) Acetone	4.228	43	822	0.353	ug/l #	42
18) Methyl Acetate	4.799	43	2948	Below Cal	#	70
20) Methylene Chloride	5.010	84	3201	0.652	ug/l #	86
25) 2-Butanone	7.245	43	787	0.213	ug/l #	45
29) Tetrahydrofuran	7.616	42	756	0.319	ug/l #	47
31) Cyclohexane	8.016	56	8145	1.185	ug/l #	11
36) 1,1-Dichloropropene	8.010	75	32446	5.179	ug/l #	49
38) Carbon Tetrachloride	8.016	117	43584	6.086	ug/l #	16
71) Bromoform	12.669	173	1452	0.309	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	119228	20.661	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	119228	58.763	ug/l #	11
95) Naphthalene	15.433	128	4012	0.206	ug/l #	86

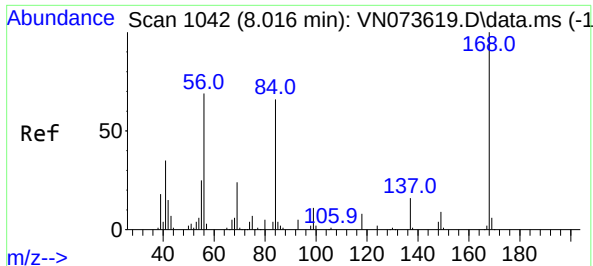
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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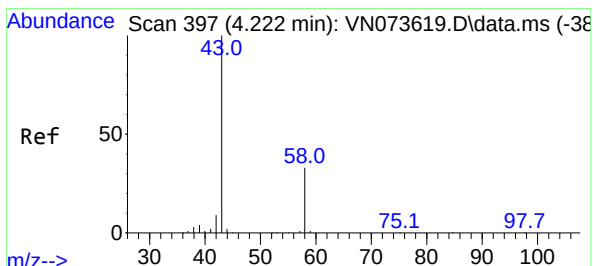
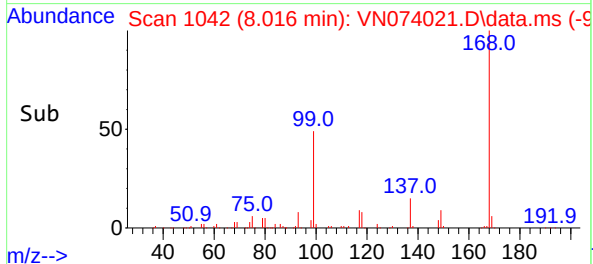
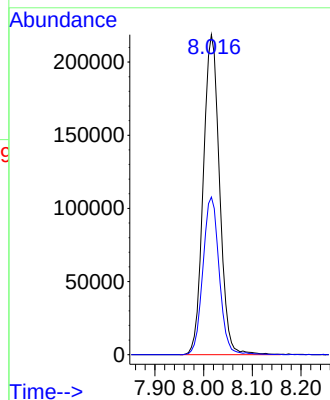
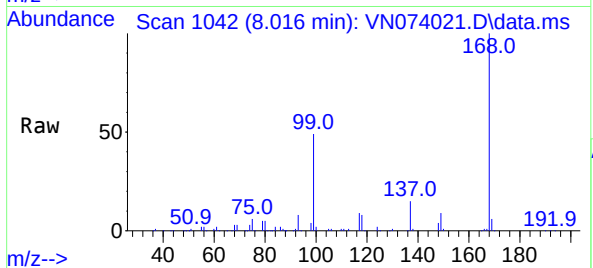




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074021.D
Acq: 19 Aug 2022 12:48

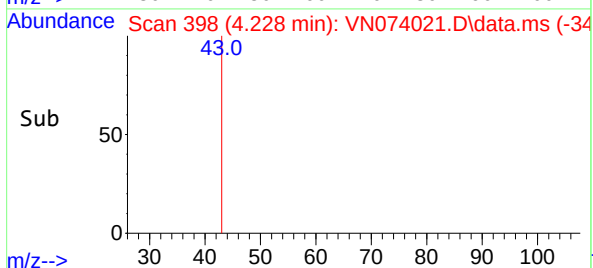
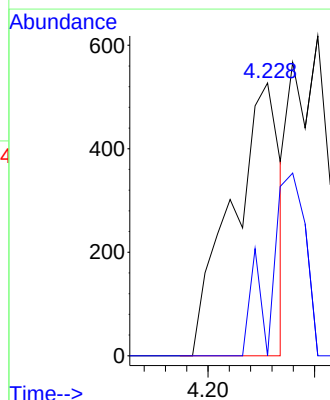
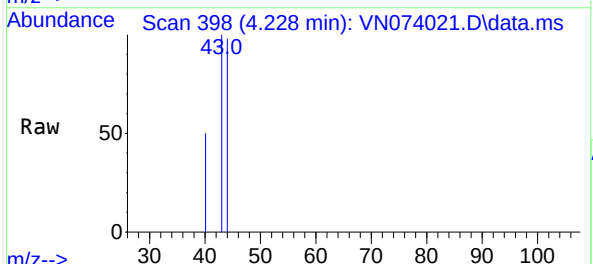
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBL02

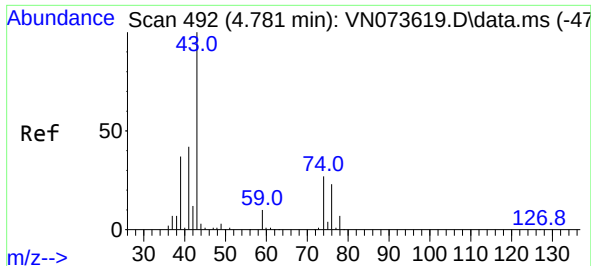
Tgt Ion:168 Resp: 506367
Ion Ratio Lower Upper
168 100
99 49.2 42.3 63.5



#16
Acetone
Concen: 0.353 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074021.D
Acq: 19 Aug 2022 12:48

Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

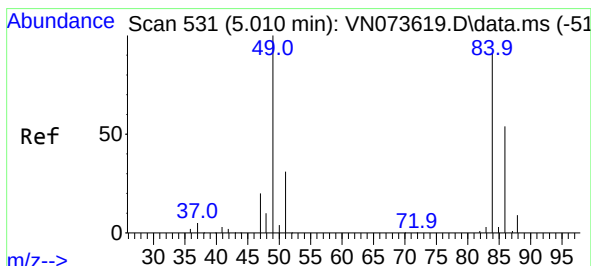
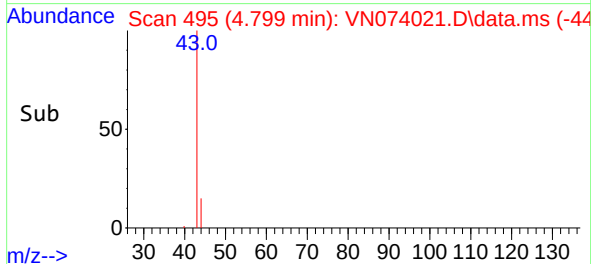
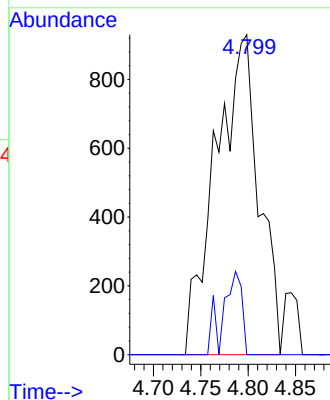
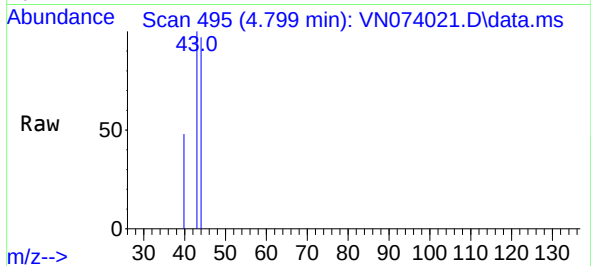




#18
Methyl Acetate
Concen: Below Cal
RT: 4.799 min Scan# 495
Delta R.T. 0.018 min
Lab File: VN074021.D
Acq: 19 Aug 2022 12:48

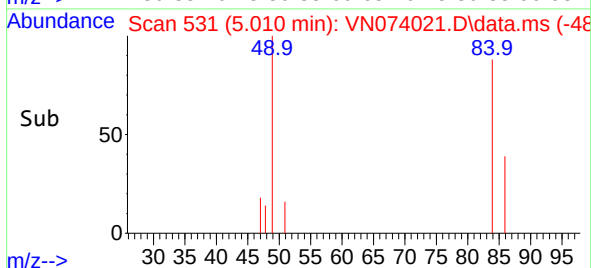
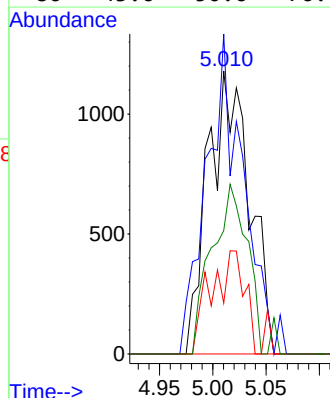
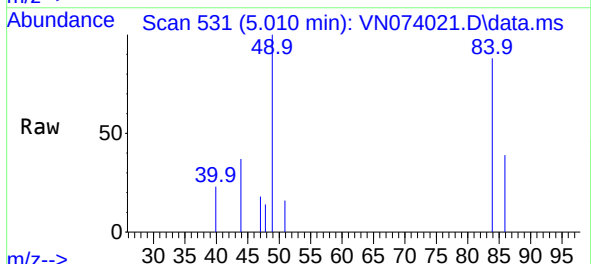
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBL02

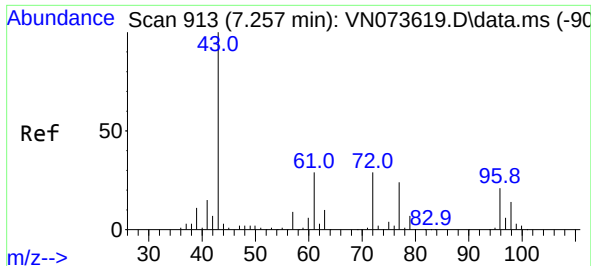
Tgt Ion: 43 Resp: 2948
Ion Ratio Lower Upper
43 100
74 11.4 21.6 32.4#



#20
Methylene Chloride
Concen: 0.652 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074021.D
Acq: 19 Aug 2022 12:48

Tgt Ion: 84 Resp: 3201
Ion Ratio Lower Upper
84 100
49 113.1 88.3 132.5
51 18.0 28.2 42.2#
86 43.6 50.6 76.0#





#25

2-Butanone

Concen: 0.213 ug/l

RT: 7.245 min Scan# 91

Delta R.T. -0.012 min

Lab File: VN074021.D

Acq: 19 Aug 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

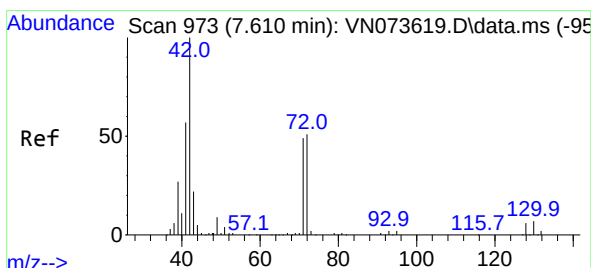
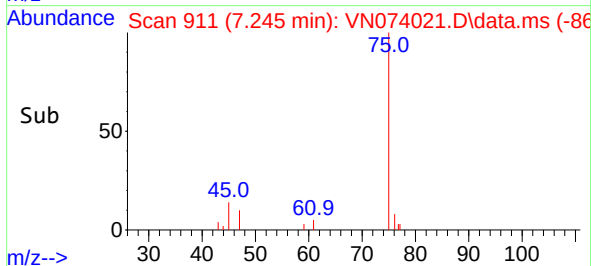
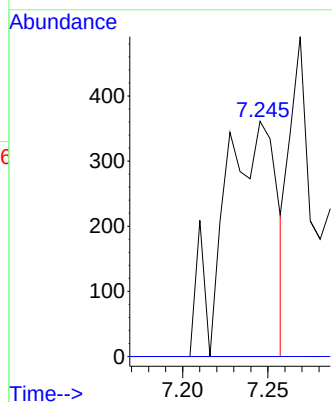
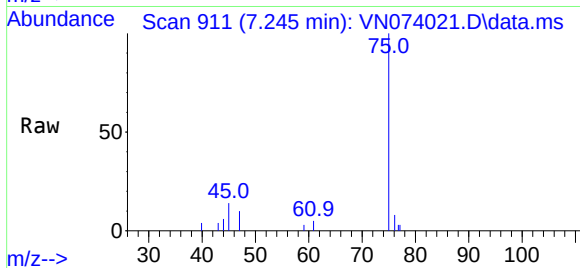
VN0819WBL02

Tgt Ion: 43 Resp: 787

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.319 ug/l

RT: 7.616 min Scan# 974

Delta R.T. 0.006 min

Lab File: VN074021.D

Acq: 19 Aug 2022 12:48

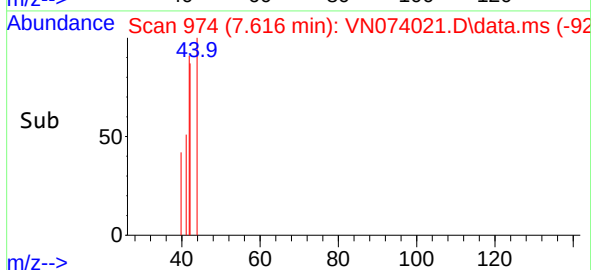
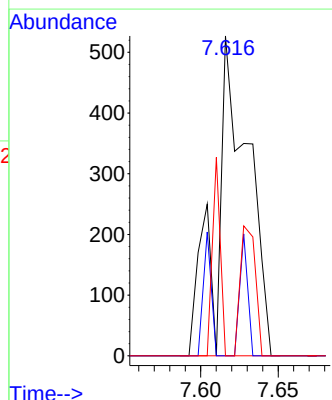
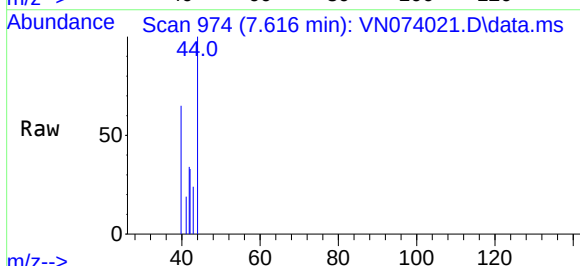
Tgt Ion: 42 Resp: 756

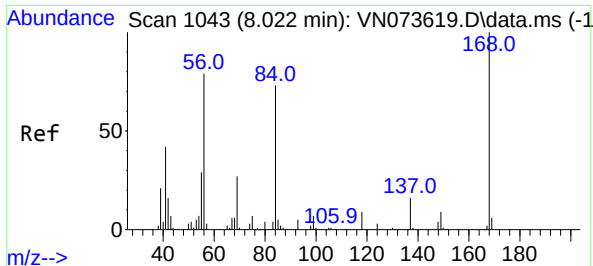
Ion Ratio Lower Upper

42 100

72 9.5 39.7 59.5#

71 15.2 36.6 55.0#

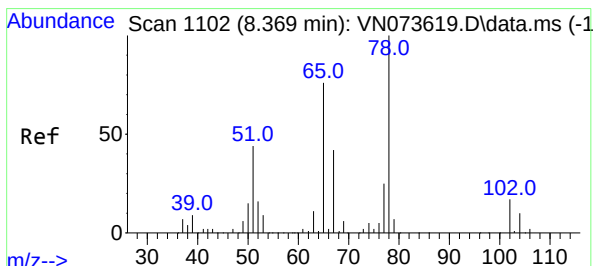
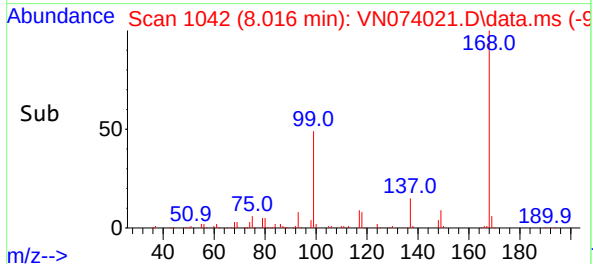
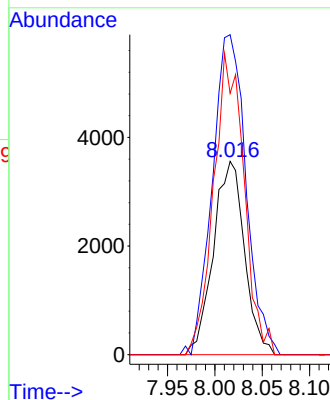
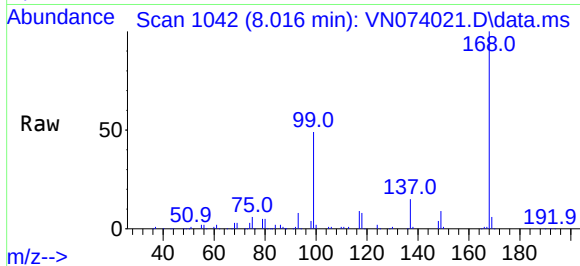




#31
Cyclohexane
Concen: 1.185 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074021.D
Acq: 19 Aug 2022 12:48

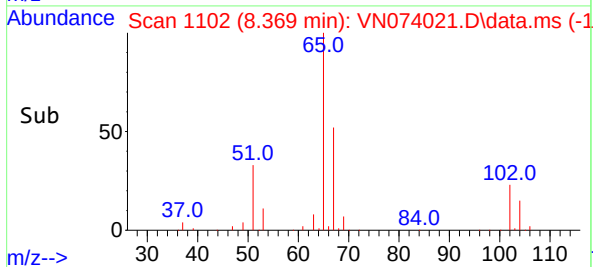
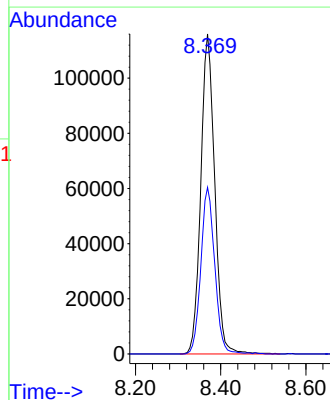
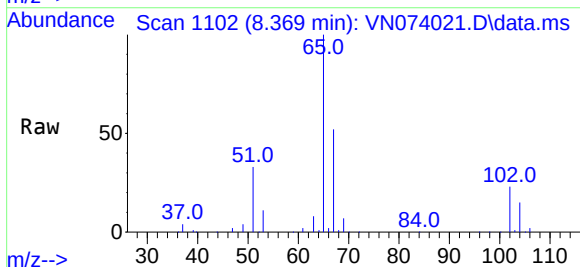
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBL02

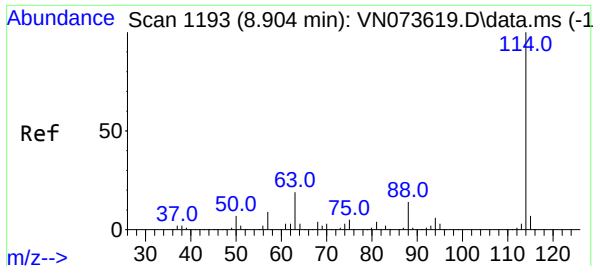
Tgt Ion: 56 Resp: 8145
Ion Ratio Lower Upper
56 100
69 165.6 27.8 41.8#
84 135.2 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 53.244 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074021.D
Acq: 19 Aug 2022 12:48

Tgt Ion: 65 Resp: 262599
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8

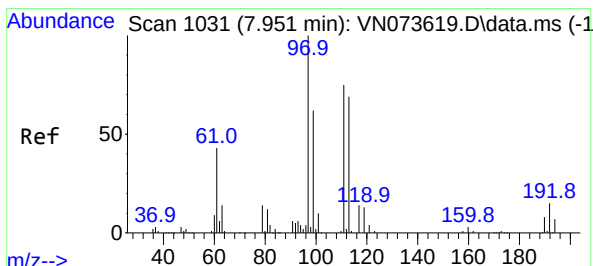
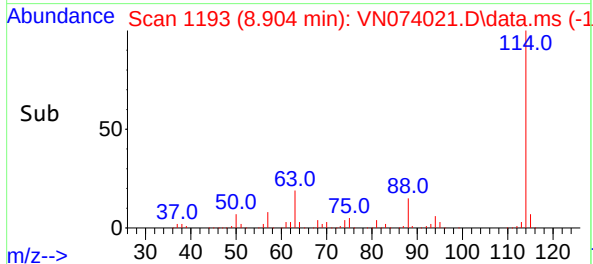
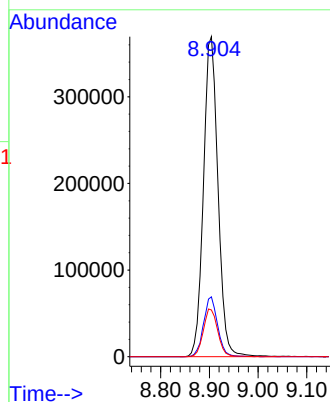
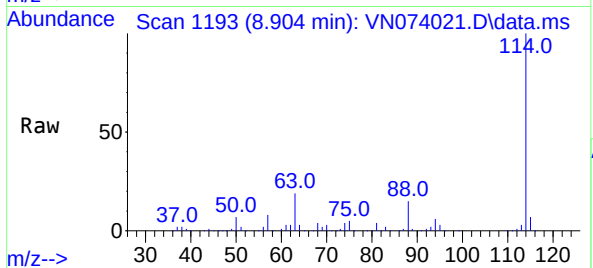




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074021.D
Acq: 19 Aug 2022 12:48

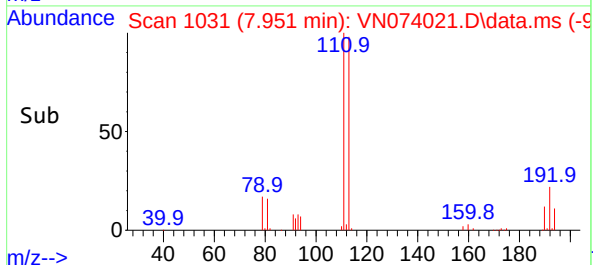
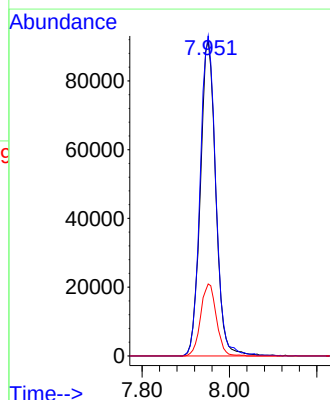
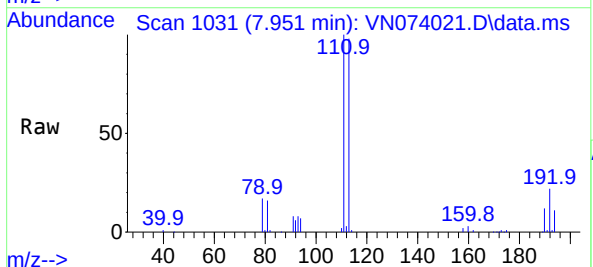
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBL02

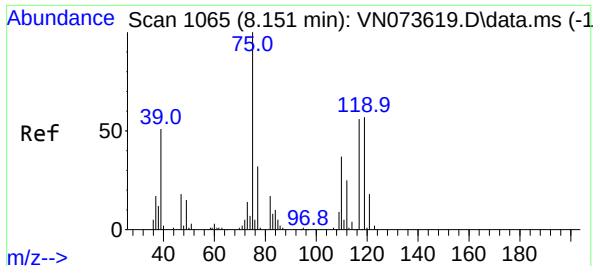
Tgt Ion:114 Resp: 762765
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.0
88 14.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.938 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074021.D
Acq: 19 Aug 2022 12:48

Tgt Ion:113 Resp: 225265
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 23.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.179 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.141 min

Lab File: VN074021.D

Acq: 19 Aug 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBL02

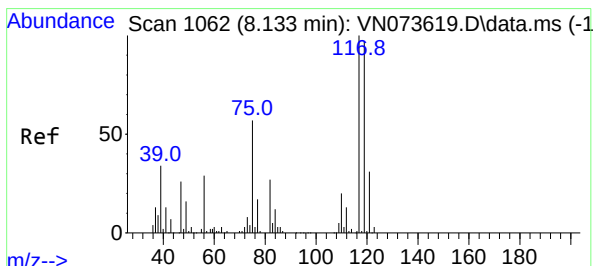
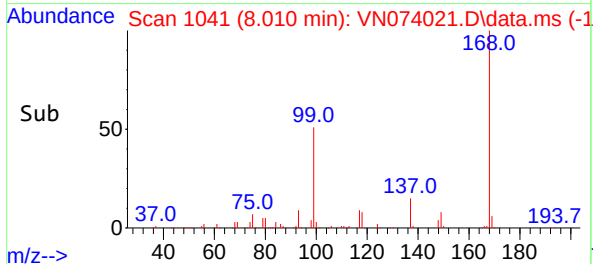
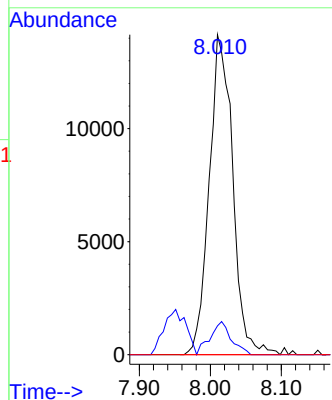
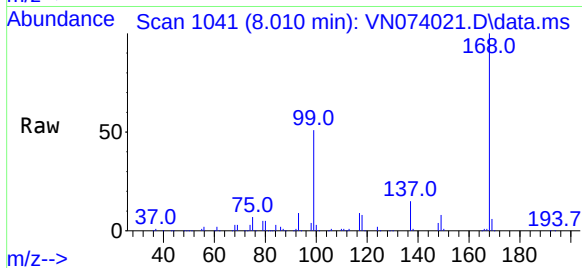
Tgt Ion: 75 Resp: 32446

Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.086 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.117 min

Lab File: VN074021.D

Acq: 19 Aug 2022 12:48

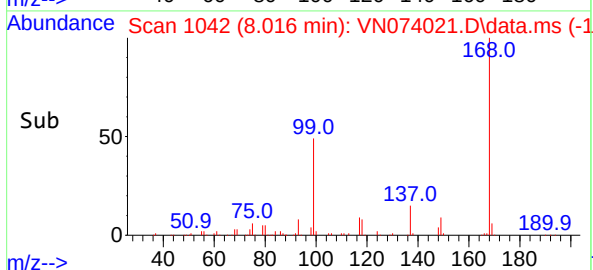
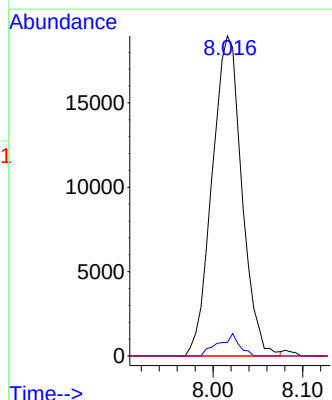
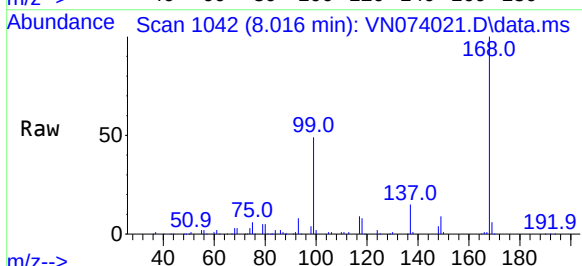
Tgt Ion: 117 Resp: 43584

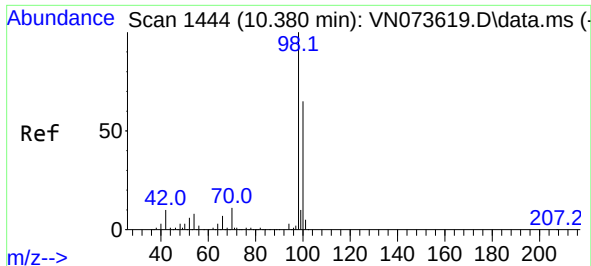
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

121 0.0 24.6 37.0#

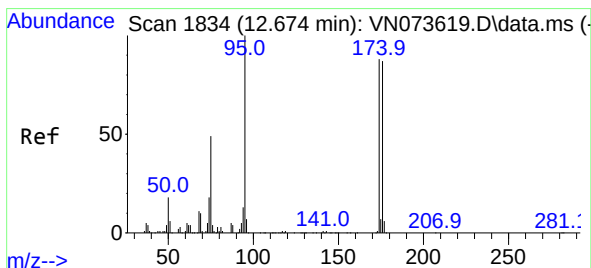
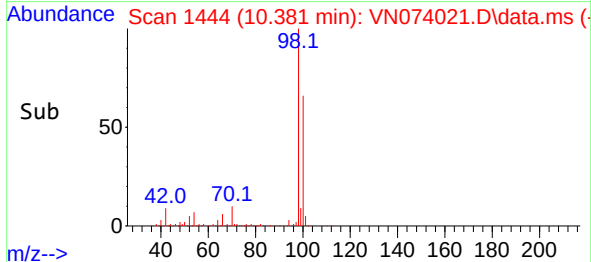
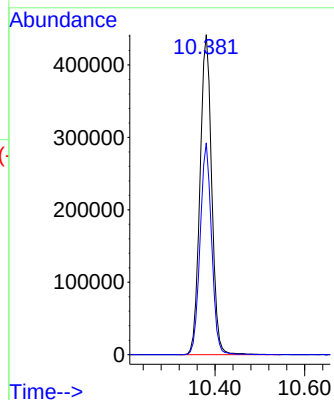
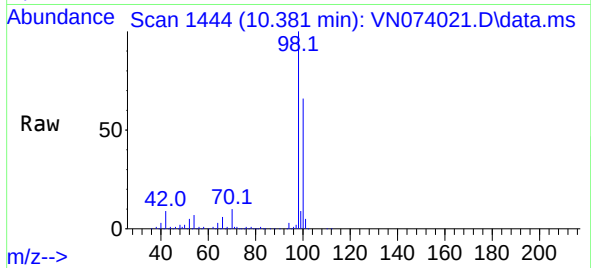




#50
Toluene-d8
Concen: 45.687 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074021.D
Acq: 19 Aug 2022 12:48

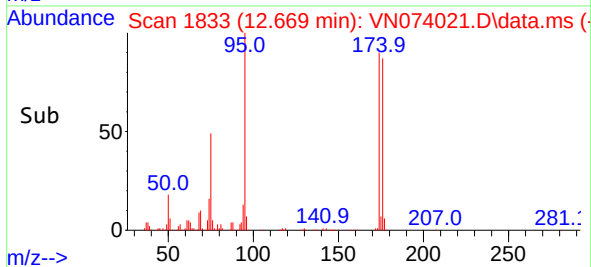
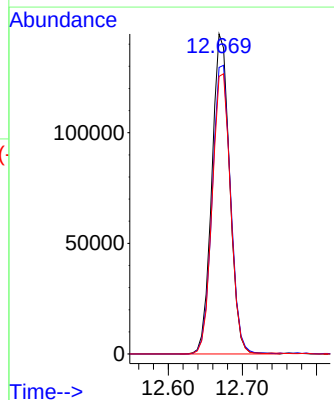
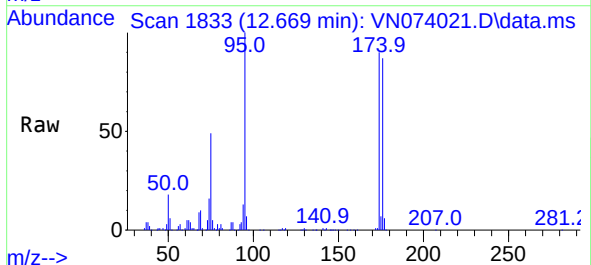
Instrument :
MSVOA_N
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VN0819WBL02

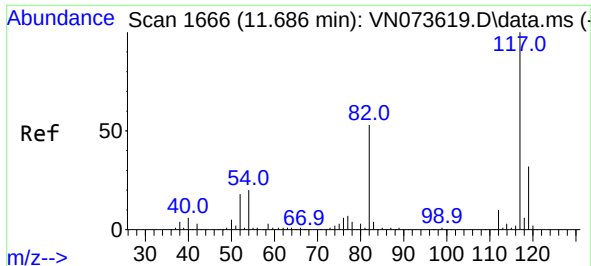
Tgt Ion: 98 Resp: 798162
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 41.750 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074021.D
Acq: 19 Aug 2022 12:48

Tgt Ion: 95 Resp: 242069
Ion Ratio Lower Upper
95 100
174 92.8 0.0 167.6
176 89.7 0.0 163.4

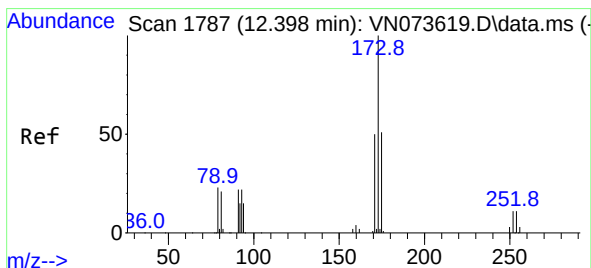
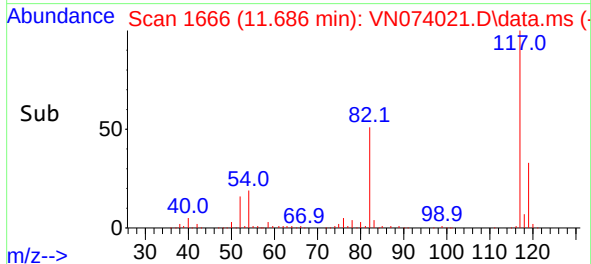
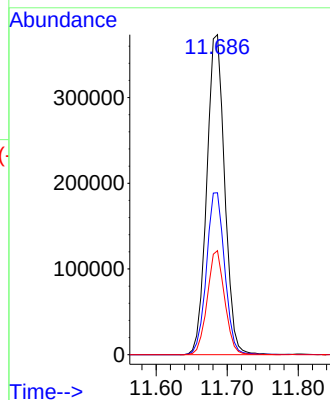
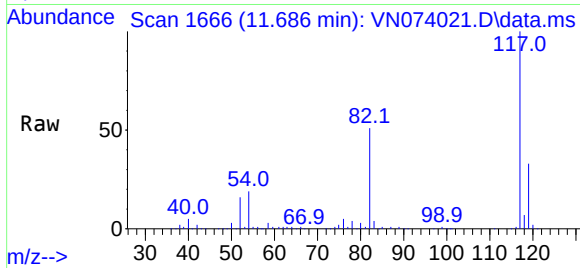




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074021.D
Acq: 19 Aug 2022 12:48

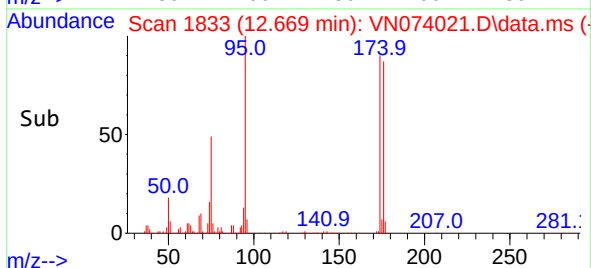
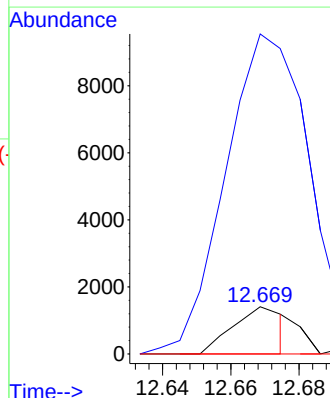
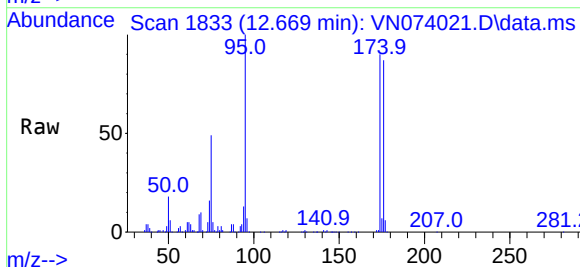
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBL02

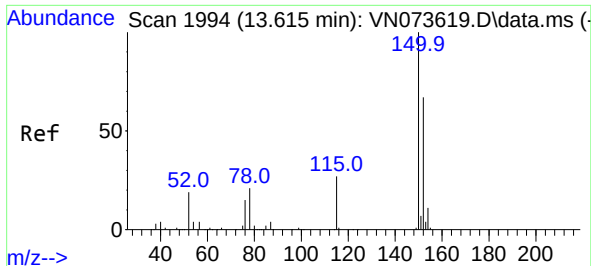
Tgt Ion:117 Resp: 654625
Ion Ratio Lower Upper
117 100
82 50.6 44.2 66.2
119 32.5 25.4 38.0



#71
Bromoform
Concen: 0.309 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074021.D
Acq: 19 Aug 2022 12:48

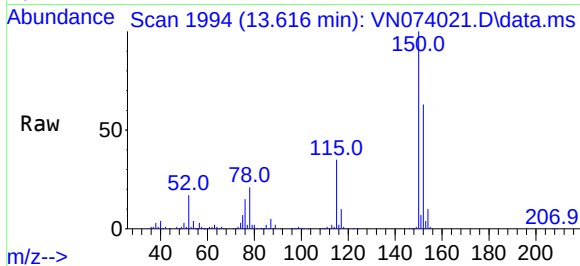
Tgt Ion:173 Resp: 1452
Ion Ratio Lower Upper
173 100
175 809.2 24.6 73.6#
254 0.0 0.1 0.1#



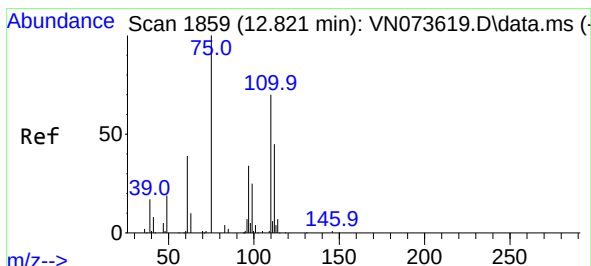
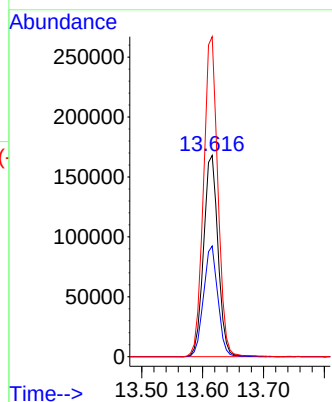
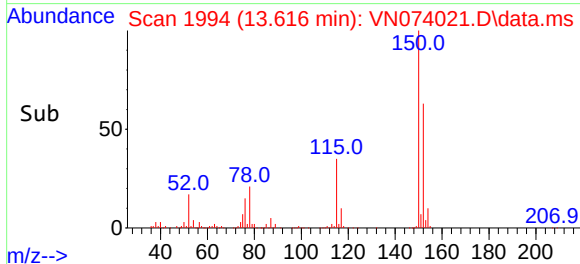


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074021.D
 Acq: 19 Aug 2022 12:48

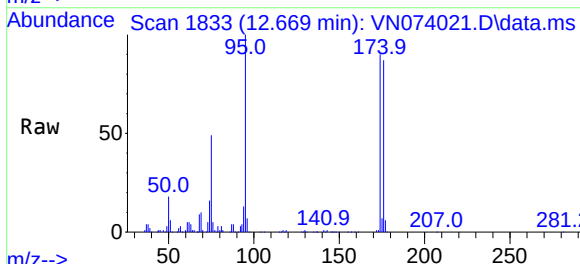
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBL02



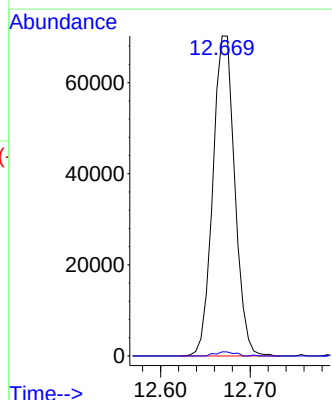
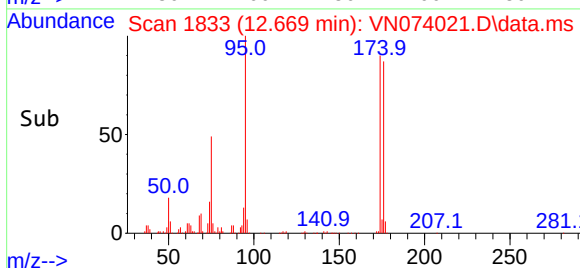
Tgt Ion:152 Resp: 277641
 Ion Ratio Lower Upper
 152 100
 115 54.6 28.9 86.7
 150 157.5 0.0 356.2

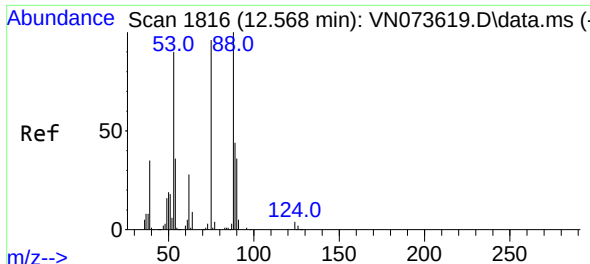


#76
 1,2,3-Trichloropropane
 Concen: 20.661 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.152 min
 Lab File: VN074021.D
 Acq: 19 Aug 2022 12:48



Tgt Ion: 75 Resp: 119228
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

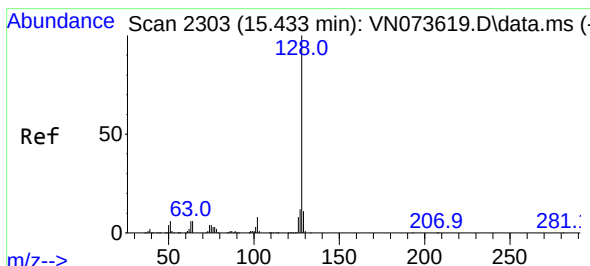
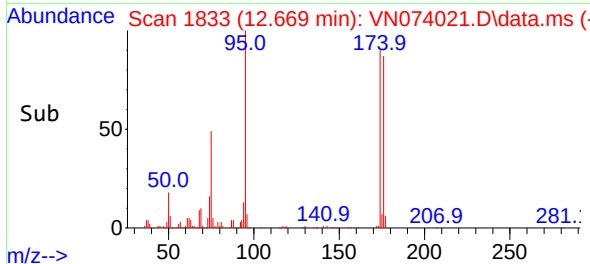
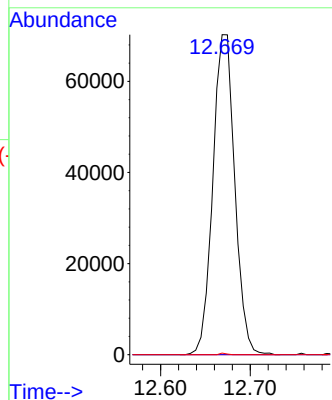
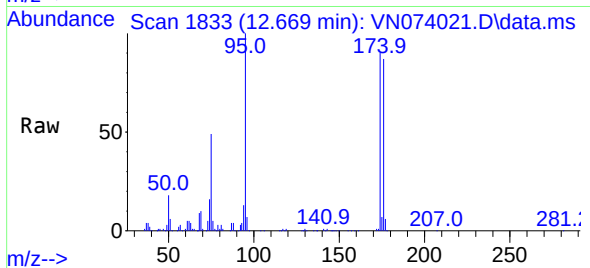




#81
trans-1,4-Dichloro-2-butene
Concen: 58.763 ug/l
RT: 12.669 min Scan# 1816
Delta R.T. 0.101 min
Lab File: VN074021.D
Acq: 19 Aug 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBL02

Tgt Ion: 75 Resp: 119228
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.2 37.2 55.8#



#95
Naphthalene
Concen: 0.206 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN074021.D
Acq: 19 Aug 2022 12:48

Tgt Ion:128 Resp: 4012
Ion Ratio Lower Upper
128 100
127 10.8 10.3 15.5
129 1.3 8.6 13.0#

