

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074088.D
 Acq On : 24 Aug 2022 13:47
 Operator : JC\MD
 Sample : N4244-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 07:53:57 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)

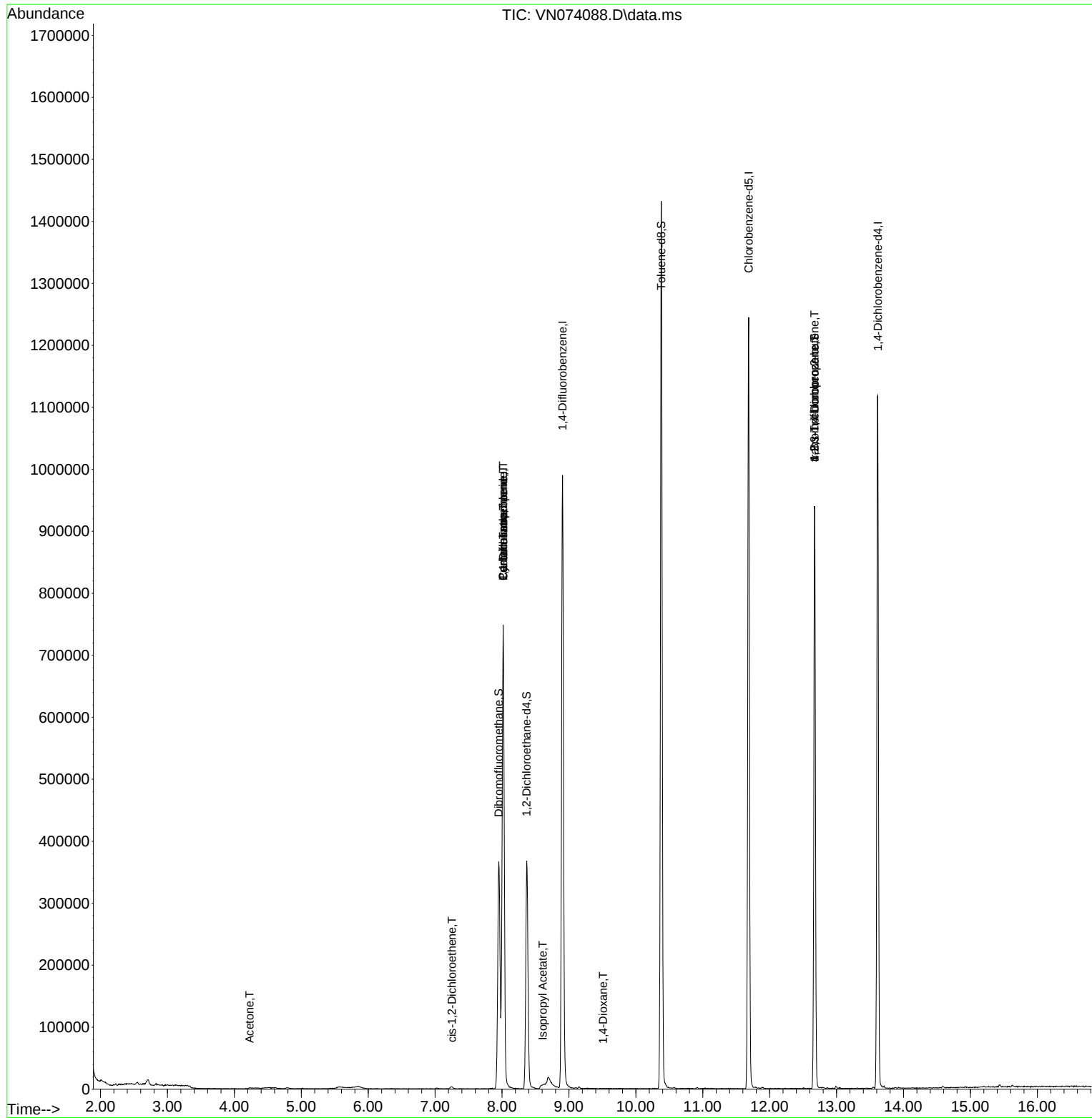
Internal Standards						
1) Pentafluorobenzene	8.016	168	616826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	928529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.687	117	769845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	336729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	311276	51.811	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.620%	
35) Dibromofluoromethane	7.952	113	277074	50.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.920%	
50) Toluene-d8	10.381	98	1024181	48.158	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	12.669	95	322807	45.735	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.480%	
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	2251	0.794	ug/l	93
18) Methyl Acetate	4.775	43	3948	Below Cal	#	82
27) cis-1,2-Dichloroethene	7.252	96	1353	0.204	ug/l	80
31) Cyclohexane	8.016	56	10756	1.284	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	40573	5.320	ug/l #	49
38) Carbon Tetrachloride	8.016	117	54992	6.308	ug/l #	17
43) Isopropyl Acetate	8.610	43	5577	0.424	ug/l #	53
49) 1,4-Dioxane	9.510	88	61	0.364	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	156885	22.416	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	156885	63.755	ug/l #	10

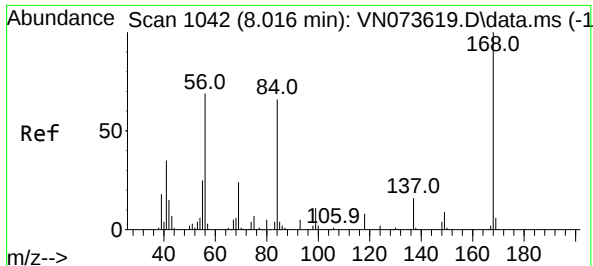
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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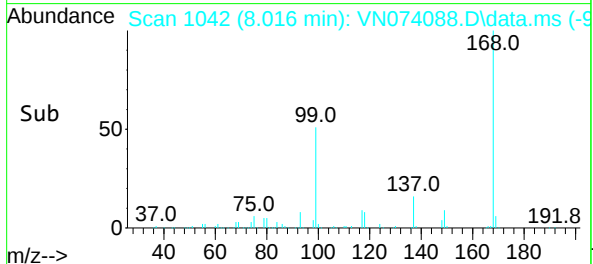
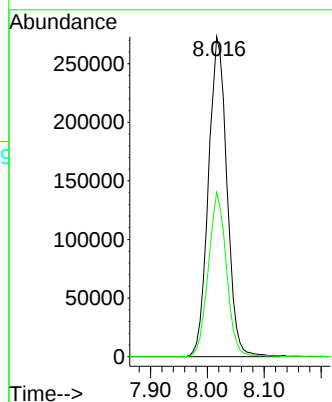
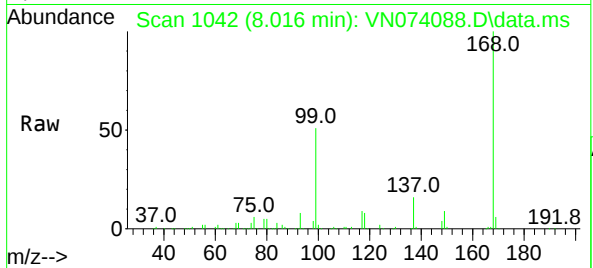




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

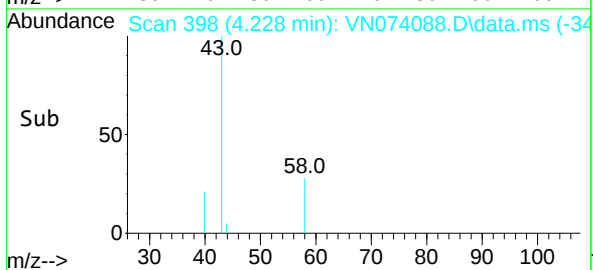
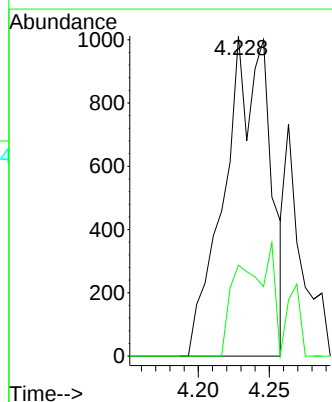
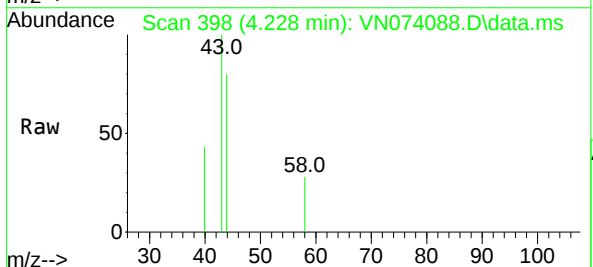
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 616826
Ion Ratio Lower Upper
168 100
99 51.4 42.3 63.5



#16
Acetone
Concen: 0.794 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

Tgt Ion: 43 Resp: 2251
Ion Ratio Lower Upper
43 100
58 28.4 26.0 39.0

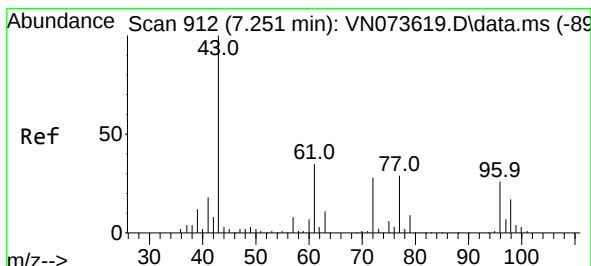
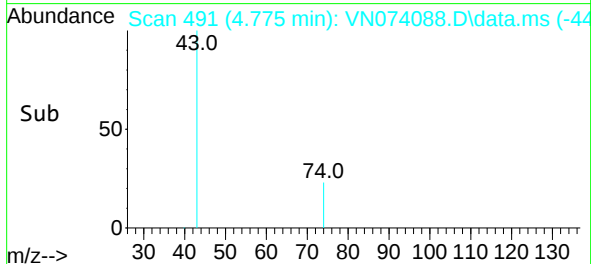
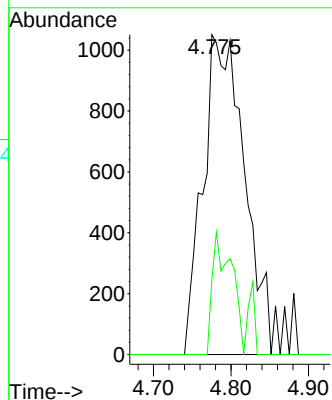
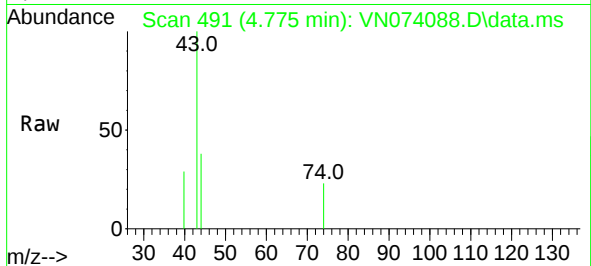




#18
Methyl Acetate
Concen: Below Cal
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

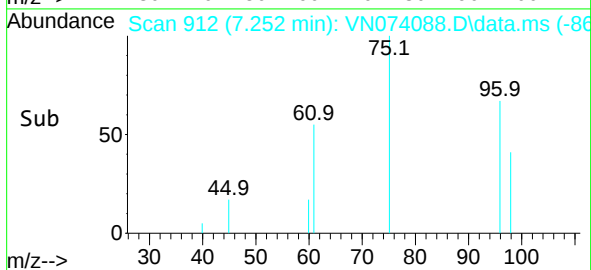
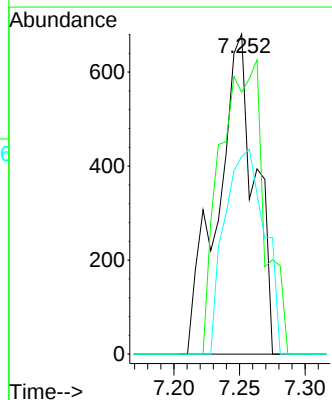
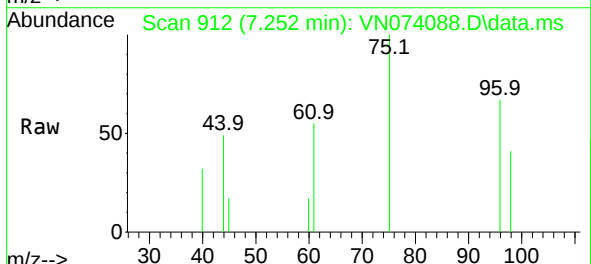
Instrument :
MSVOA_N
ClientSampleId :

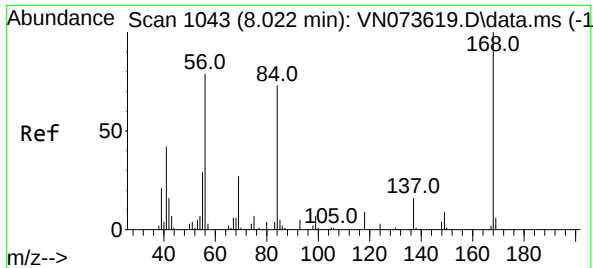
Tgt Ion: 43 Resp: 3948
Ion Ratio Lower Upper
43 100
74 17.6 21.6 32.4#



#27
cis-1,2-Dichloroethene
Concen: 0.204 ug/l
RT: 7.252 min Scan# 912
Delta R.T. 0.001 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

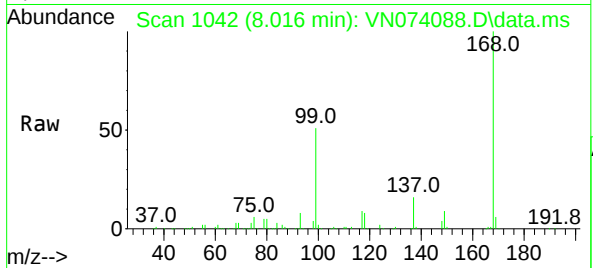
Tgt Ion: 96 Resp: 1353
Ion Ratio Lower Upper
96 100
61 107.3 0.0 280.6
98 68.1 0.0 128.4



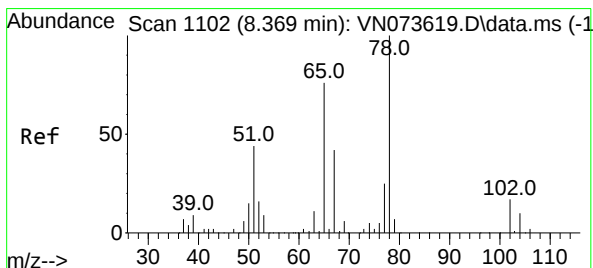
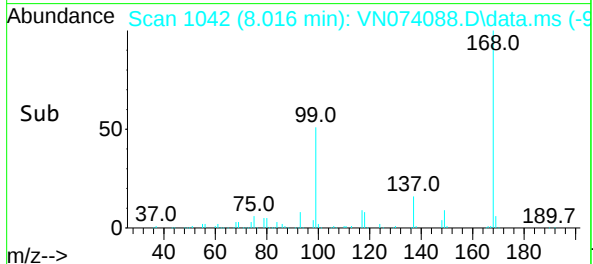
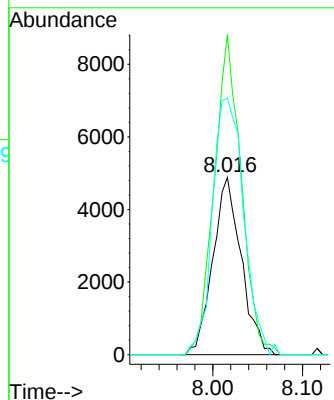


#31
Cyclohexane
Concen: 1.284 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :

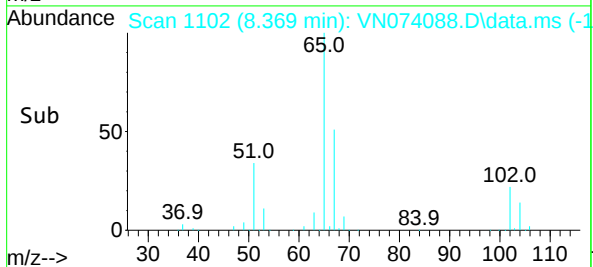
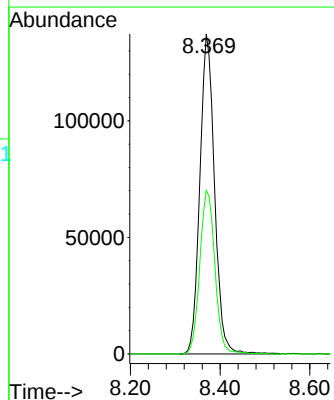
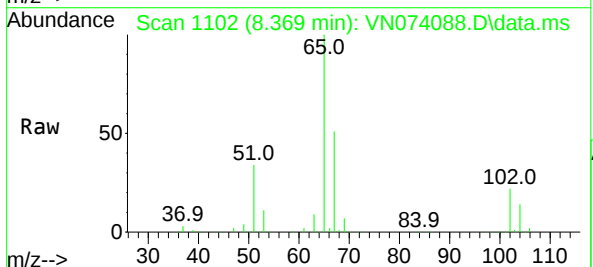


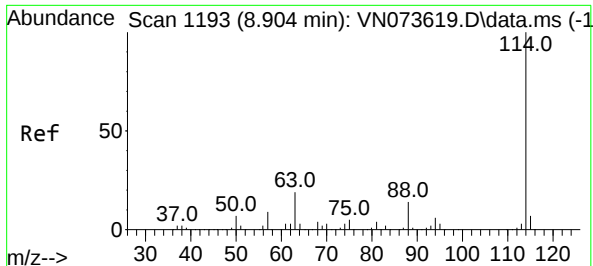
Tgt Ion: 56 Resp: 10756
Ion Ratio Lower Upper
56 100
69 180.4 27.8 41.8#
84 144.7 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 51.811 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

Tgt Ion: 65 Resp: 311276
Ion Ratio Lower Upper
65 100
67 52.7 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: VN074088.D

Acq: 24 Aug 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

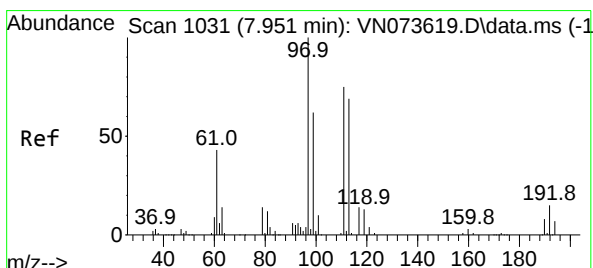
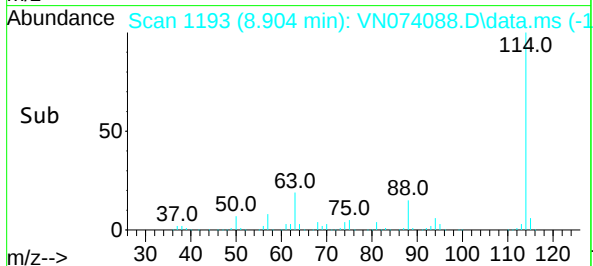
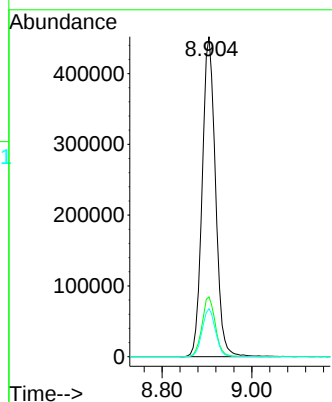
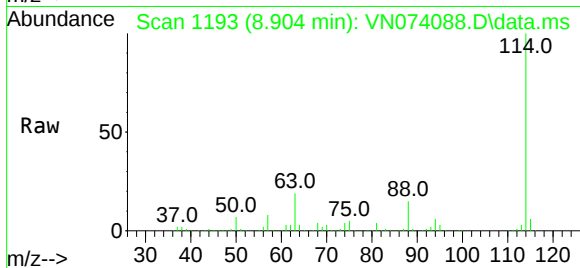
Tgt Ion:114 Resp: 928529

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.458 ug/l

RT: 7.952 min Scan# 1031

Delta R.T. 0.001 min

Lab File: VN074088.D

Acq: 24 Aug 2022 13:47

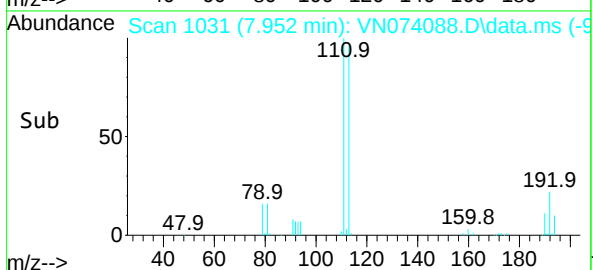
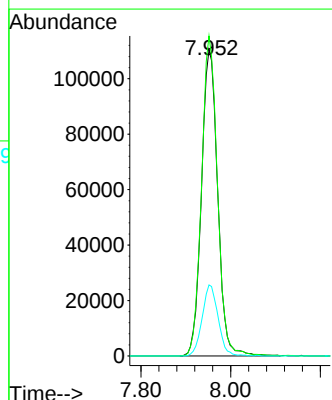
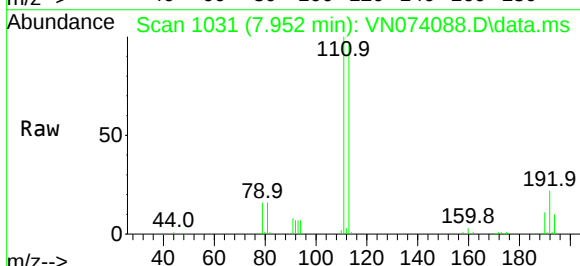
Tgt Ion:113 Resp: 277074

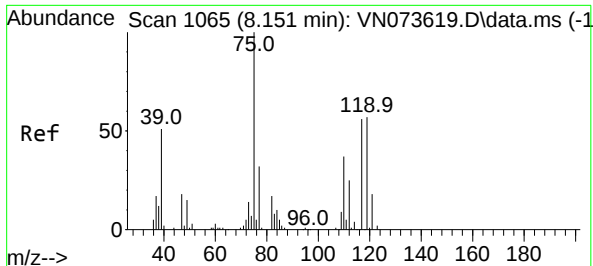
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 22.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.320 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

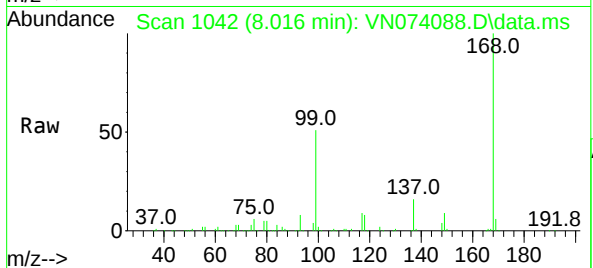
Lab File: VN074088.D

Acq: 24 Aug 2022 13:47

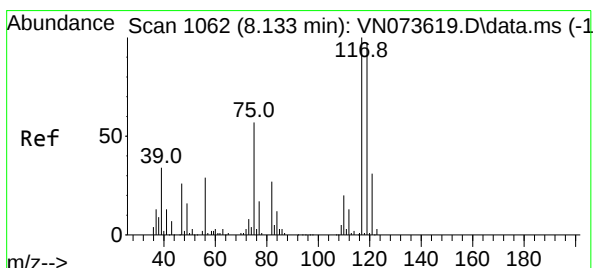
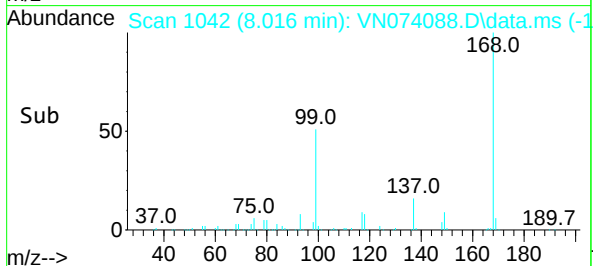
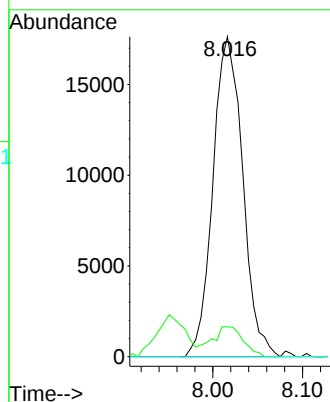
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 40573
Ion Ratio	Lower Upper
75	100
110	9.4 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.308 ug/l

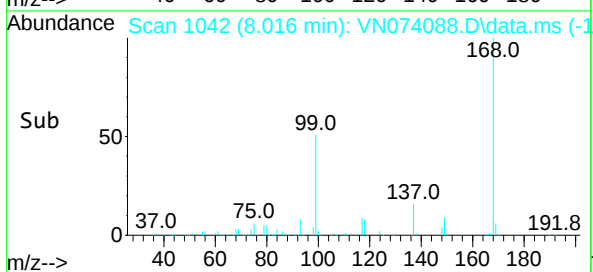
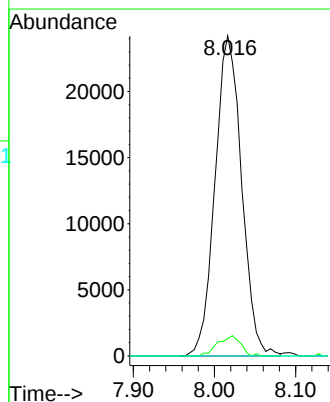
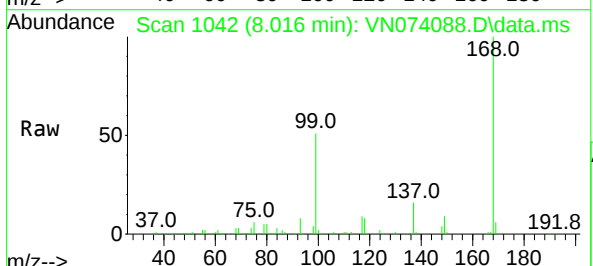
RT: 8.016 min Scan# 1042

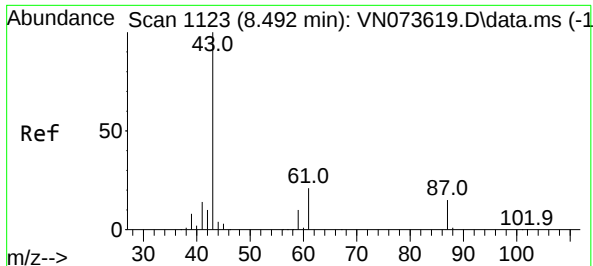
Delta R.T. -0.117 min

Lab File: VN074088.D

Acq: 24 Aug 2022 13:47

Tgt Ion: 117	Resp: 54992
Ion Ratio	Lower Upper
117	100
119	5.4 75.8 113.8#
121	0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.424 ug/l

RT: 8.610 min Scan# 1143

Delta R.T. 0.118 min

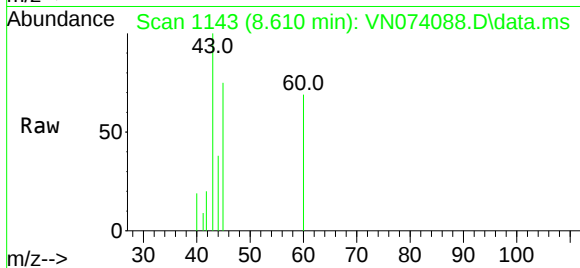
Lab File: VN074088.D

Acq: 24 Aug 2022 13:47

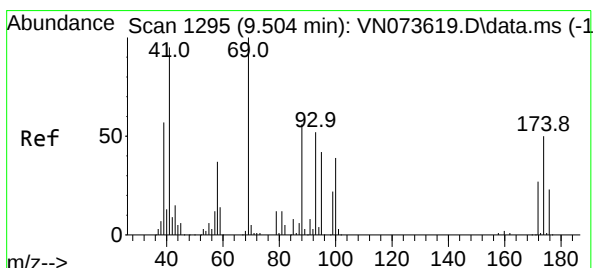
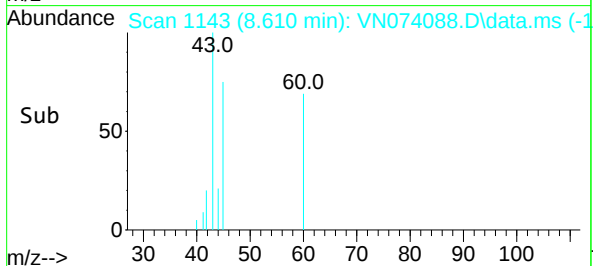
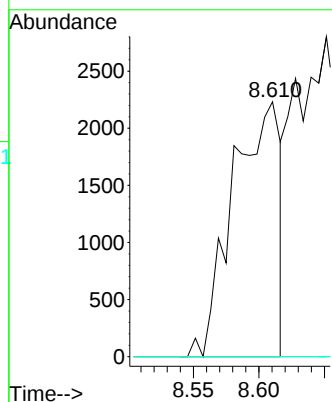
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	5577
Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.9	32.9#
87	0.0	12.0	18.0#



#49

1,4-Dioxane

Concen: 0.364 ug/l

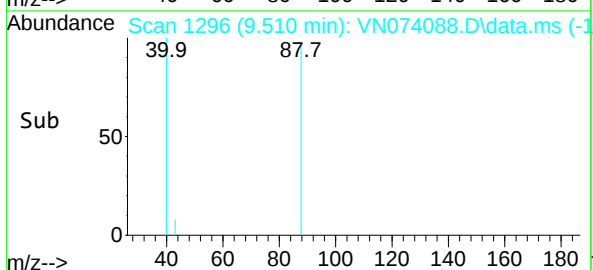
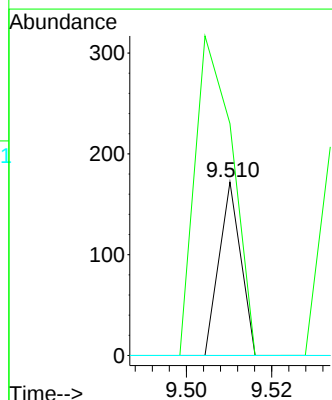
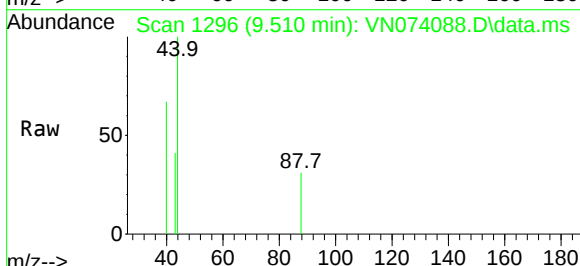
RT: 9.510 min Scan# 1296

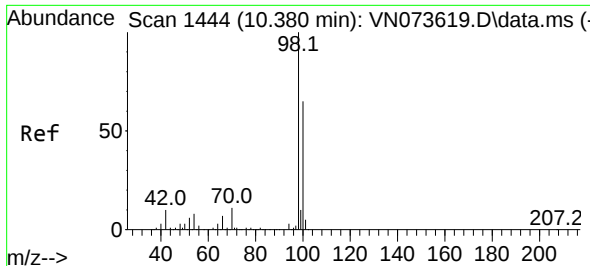
Delta R.T. 0.006 min

Lab File: VN074088.D

Acq: 24 Aug 2022 13:47

Tgt Ion:	88	Resp:	61
Ion	Ratio	Lower	Upper
88	100		
43	316.4	20.2	30.4#
58	0.0	54.2	81.4#

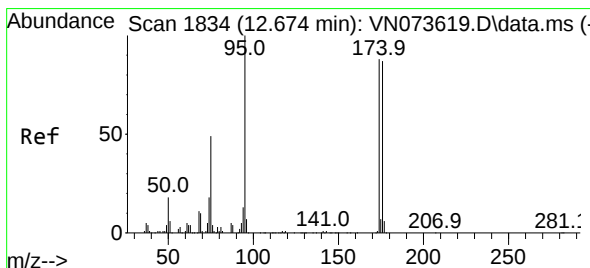
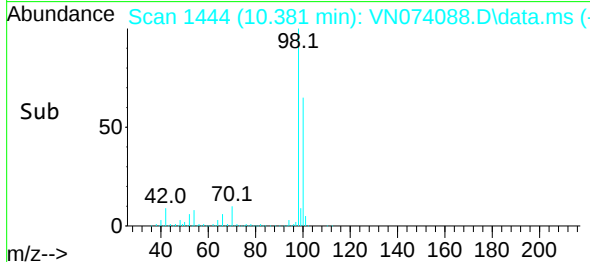
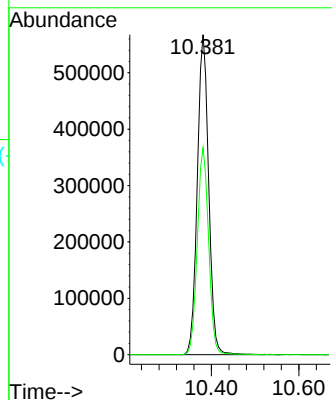
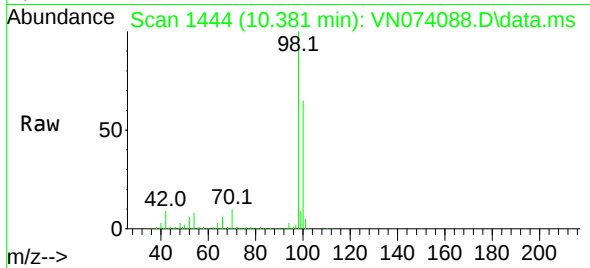




#50
Toluene-d8
Concen: 48.158 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

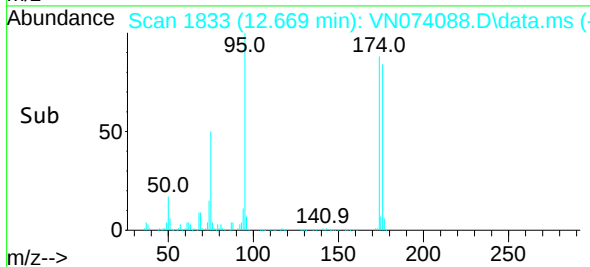
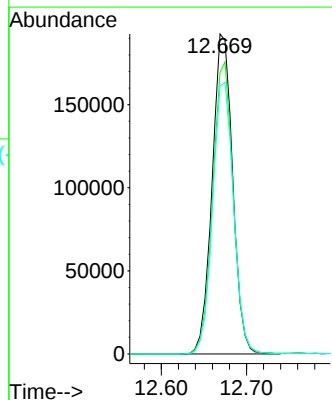
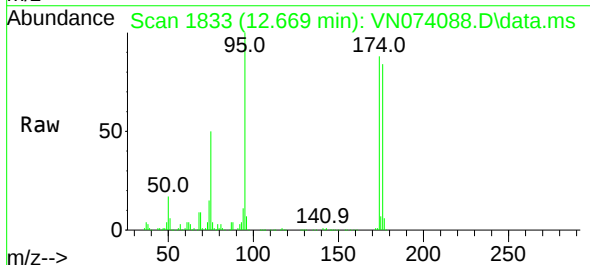
Instrument :
MSVOA_N
ClientSampleId :

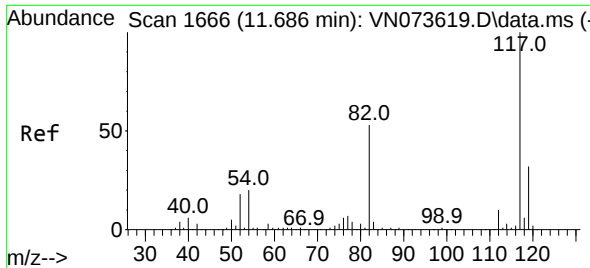
Tgt Ion: 98 Resp: 1024181
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.735 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

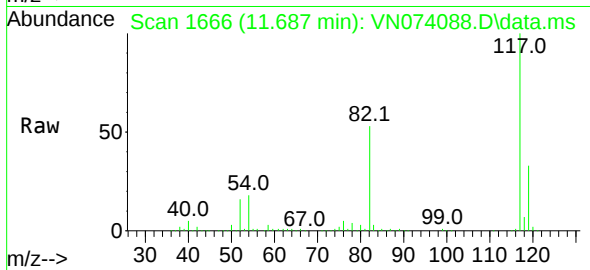
Tgt Ion: 95 Resp: 322807
Ion Ratio Lower Upper
95 100
174 91.4 0.0 167.6
176 86.4 0.0 163.4



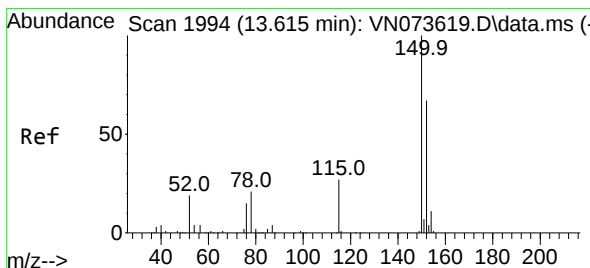
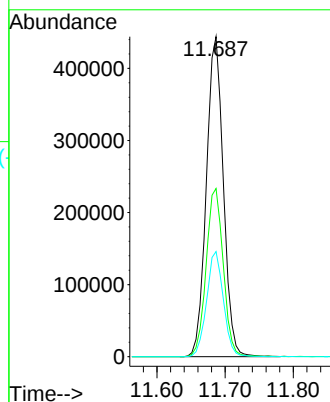
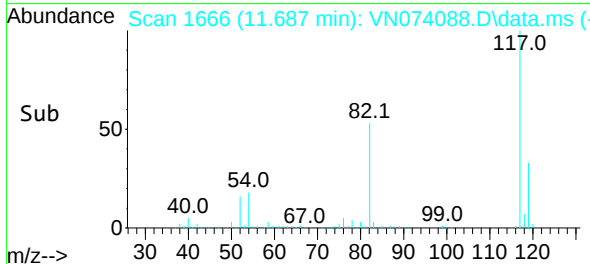


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.687 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

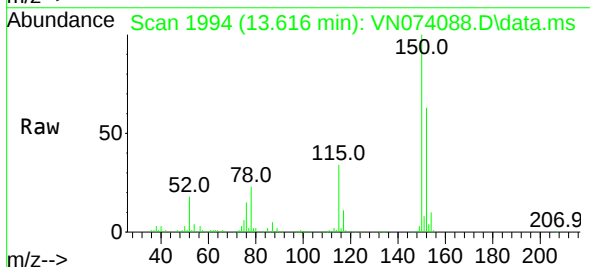
Instrument :
MSVOA_N
ClientSampleId :



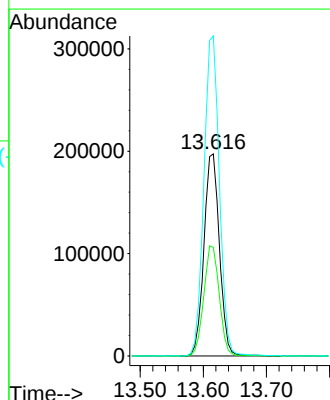
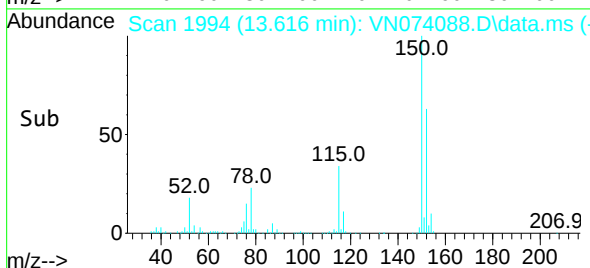
Tgt Ion:117 Resp: 769845
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 32.8 25.4 38.0

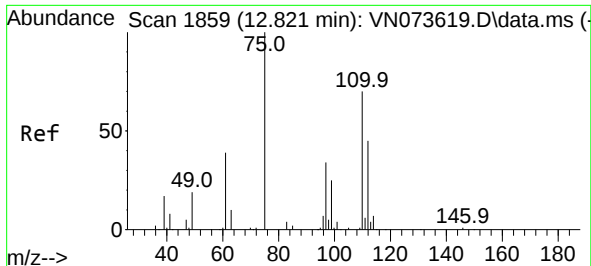


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47



Tgt Ion:152 Resp: 336729
Ion Ratio Lower Upper
152 100
115 54.7 28.9 86.7
150 158.4 0.0 356.2

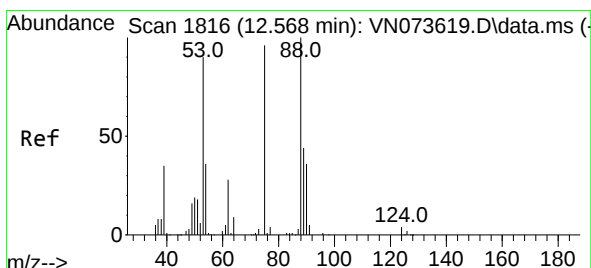
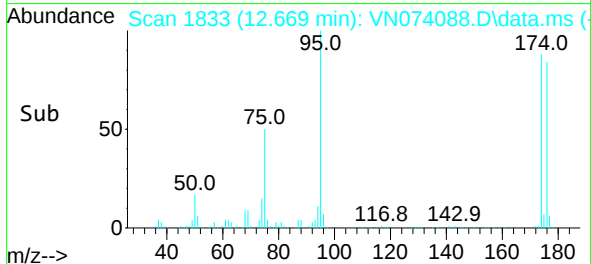
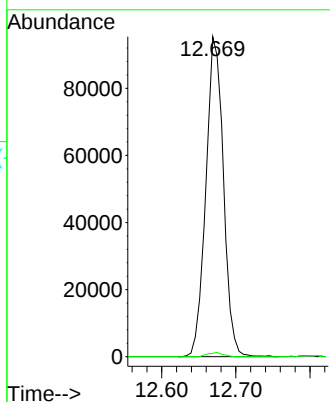
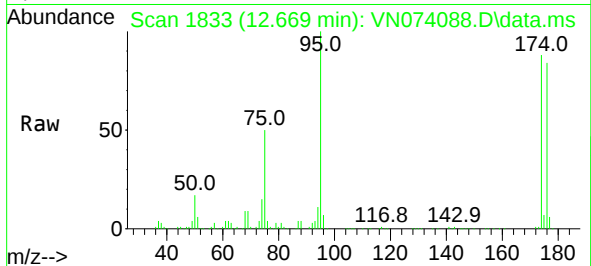




#76
1,2,3-Trichloropropane
Concen: 22.416 ug/l
RT: 12.669 min Scan# 1859
Delta R.T. -0.152 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 156885
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.755 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.101 min
Lab File: VN074088.D
Acq: 24 Aug 2022 13:47

Tgt Ion: 75 Resp: 156885
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

