

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074231.D
 Acq On : 01 Sep 2022 10:19
 Operator : JC\MD
 Sample : VN0901WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBL01

Quant Time: Sep 01 16:14:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

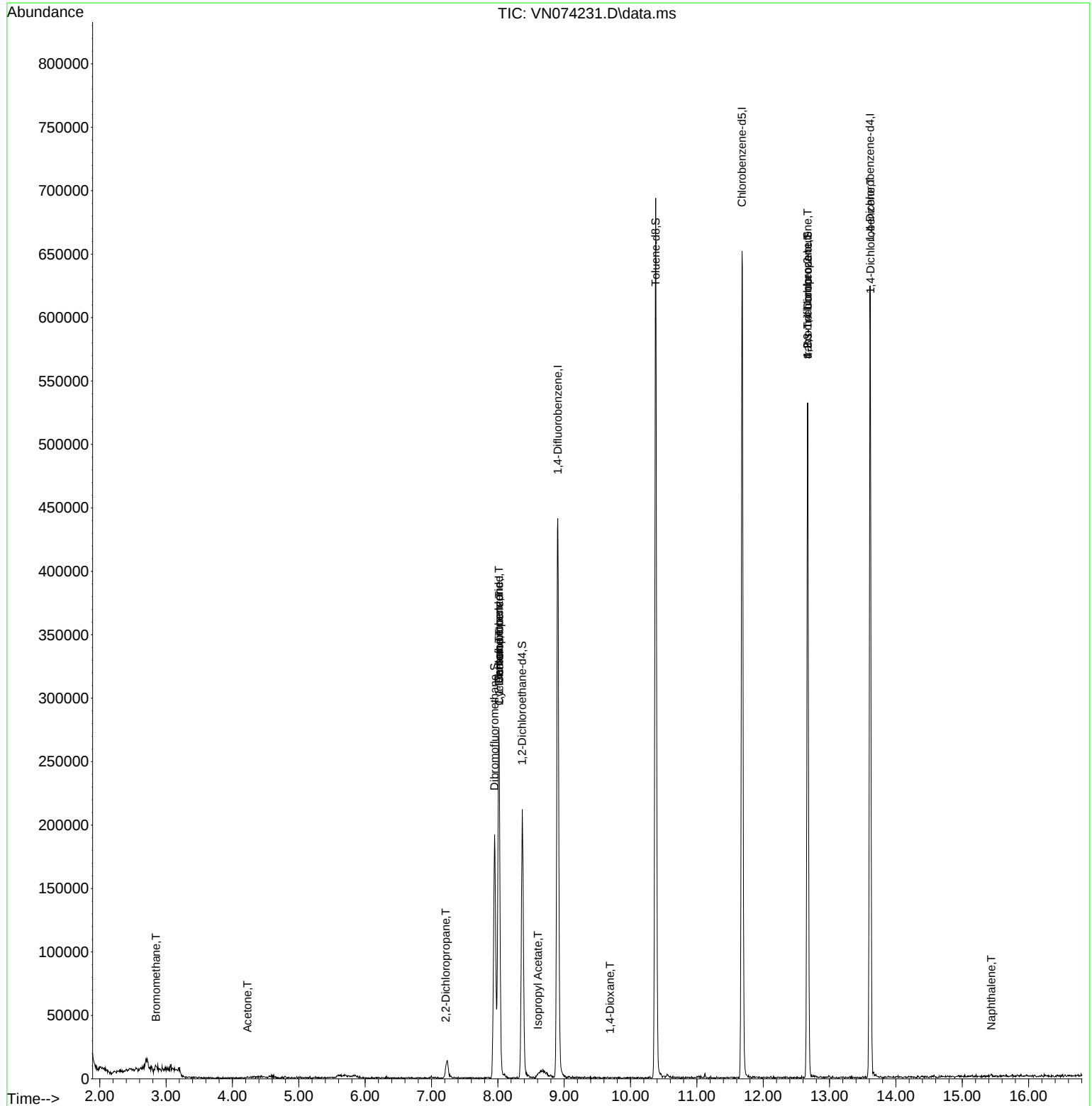
Internal Standards						
1) Pentafluorobenzene	8.016	168	190191	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	355241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	342625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	146129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	160700	54.468	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.940%		
35) Dibromofluoromethane	7.951	113	131226	56.768	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 113.540%		
50) Toluene-d8	10.380	98	432834	47.546	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.100%		
62) 4-Bromofluorobenzene	12.669	95	158797	57.360	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 114.720%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.846	94	987	0.655	ug/l	87
6) Chloroethane	2.940	64	1225	Below Cal	#	77
11) Tert butyl alcohol	5.257	59	223	Below Cal	#	72
16) Acetone	4.228	43	1624	0.824	ug/l	# 42
18) Methyl Acetate	4.787	43	1772	Below Cal	#	54
20) Methylene Chloride	5.010	84	470	Below Cal	#	35
26) 2,2-Dichloropropane	7.216	77	586	0.449	ug/l	# 53
31) Cyclohexane	8.022	56	6492	1.332	ug/l	# 44
36) 1,1-Dichloropropene	8.022	75	17936	4.782	ug/l	# 48
38) Carbon Tetrachloride	8.016	117	20323	5.967	ug/l	# 20
43) Isopropyl Acetate	8.604	43	2335	0.277	ug/l	# 53
49) 1,4-Dioxane	9.692	88	56	0.648	ug/l	# 1
76) 1,2,3-Trichloropropane	12.669	75	91934	25.344	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.669	75	91934	65.302	ug/l	# 10
88) 1,4-Dichlorobenzene	13.616	146	1183	0.219	ug/l	# 1
95) Naphthalene	15.439	128	1948	1.323	ug/l	# 69

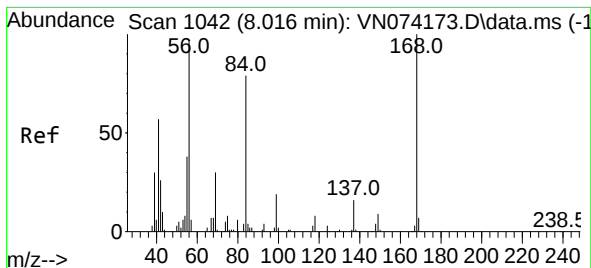
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
Data File : VN074231.D
Acq On : 01 Sep 2022 10:19
Operator : JC\MD
Sample : VN0901WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0901WBL01

Quant Time: Sep 01 16:14:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 07:02:40 2022
Response via : Initial Calibration

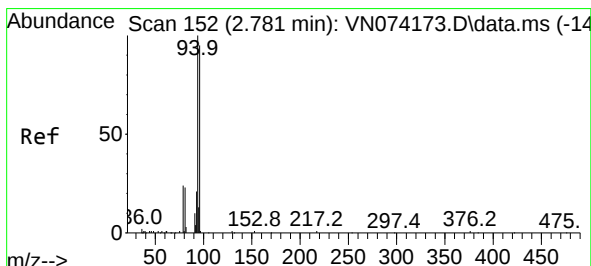
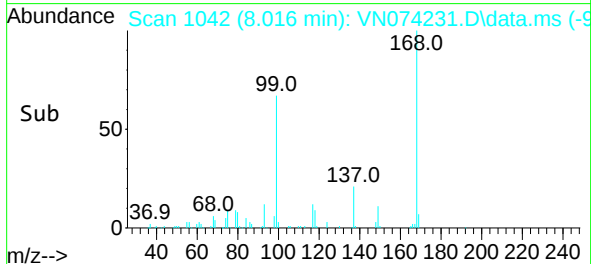
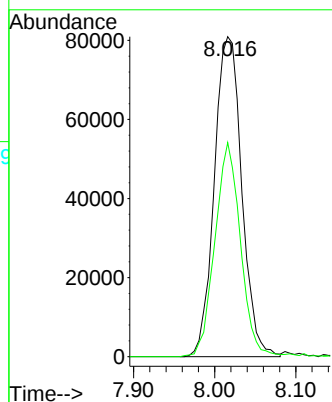
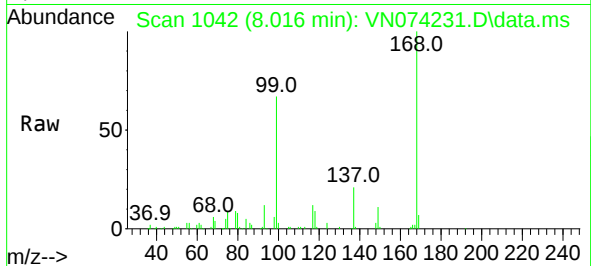




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

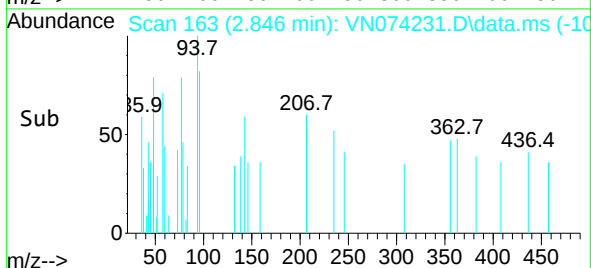
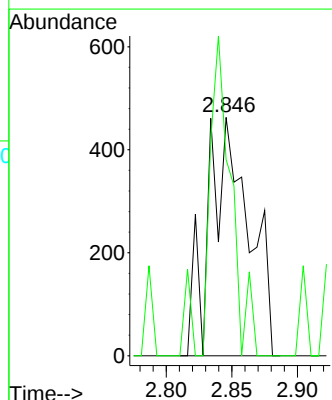
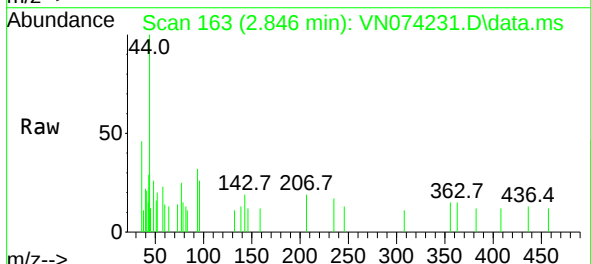
Instrument :
MSVOA_N
ClientSampleId :
VN0901WBL01

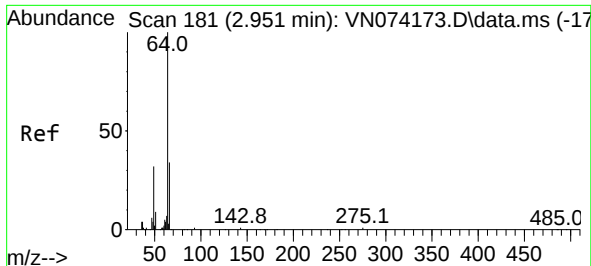
Tgt Ion:168 Resp: 190191
Ion Ratio Lower Upper
168 100
99 66.9 42.3 63.5#



#5
Bromomethane
Concen: 0.655 ug/l
RT: 2.846 min Scan# 163
Delta R.T. 0.065 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

Tgt Ion: 94 Resp: 987
Ion Ratio Lower Upper
94 100
96 82.3 76.0 114.0

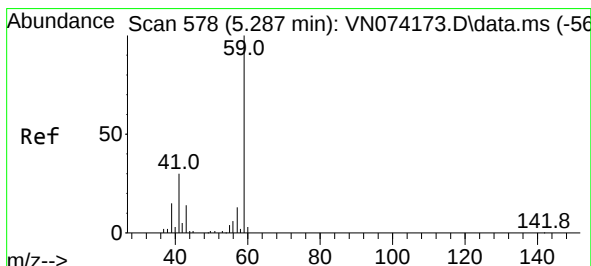
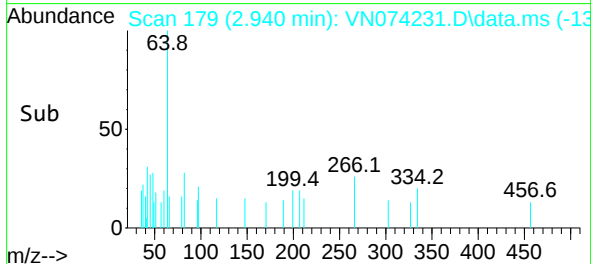
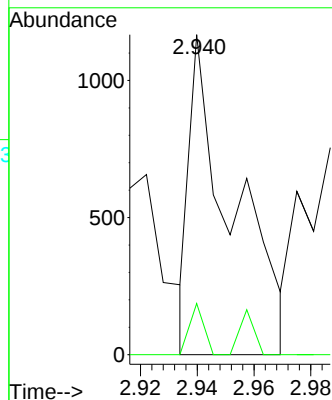
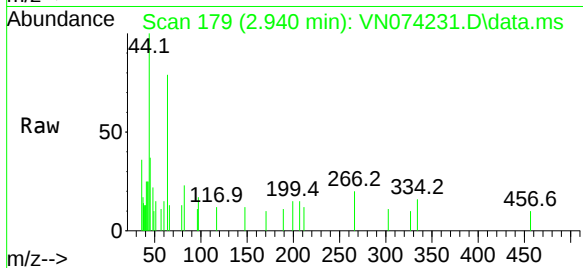




#6
Chloroethane
Concen: Below Cal
RT: 2.940 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

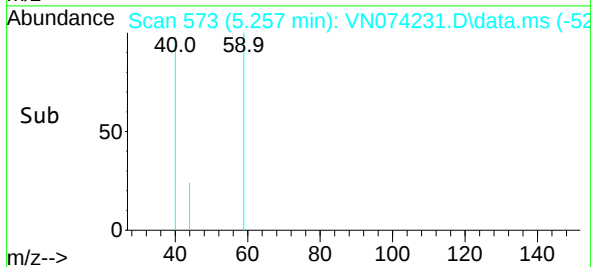
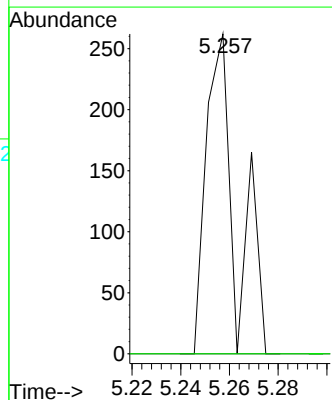
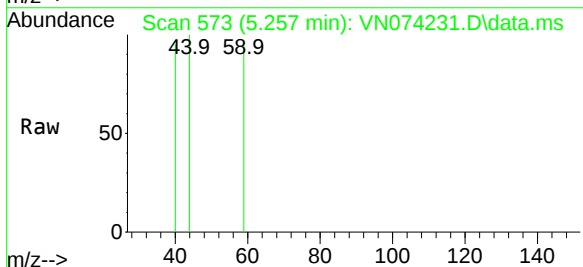
Instrument :
MSVOA_N
ClientSampleId :
VN0901WBL01

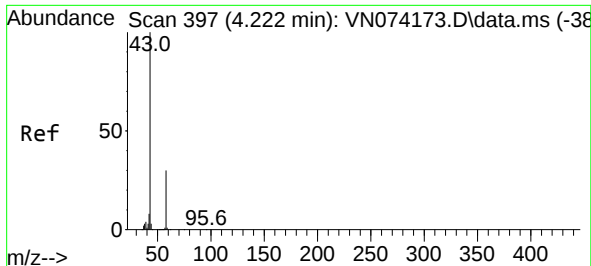
Tgt Ion: 64 Resp: 1225
Ion Ratio Lower Upper
64 100
66 20.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.257 min Scan# 573
Delta R.T. -0.030 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

Tgt Ion: 59 Resp: 223
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

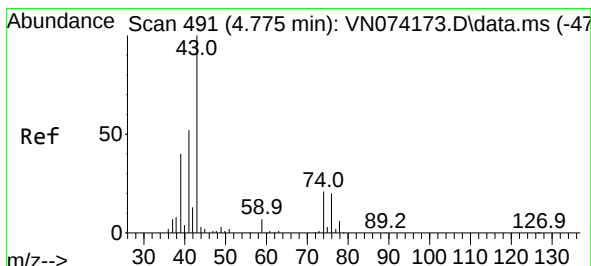
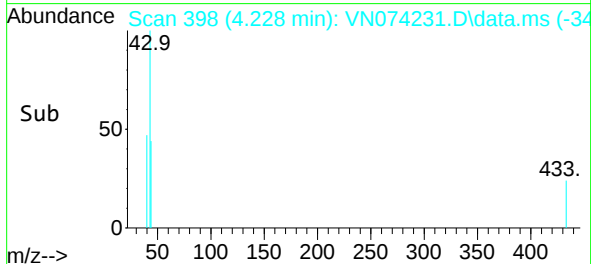
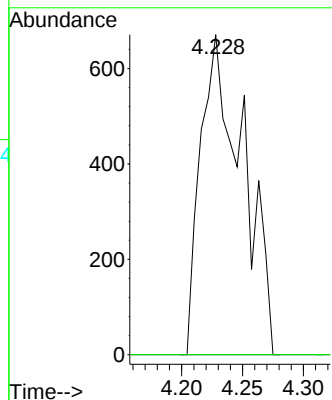
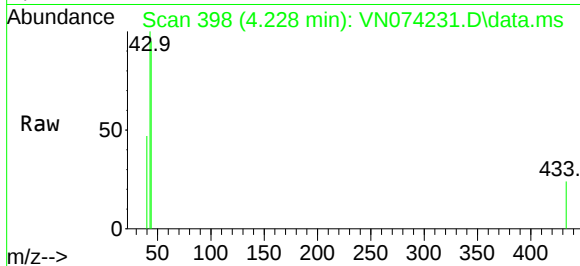




#16
Acetone
Concen: 0.824 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

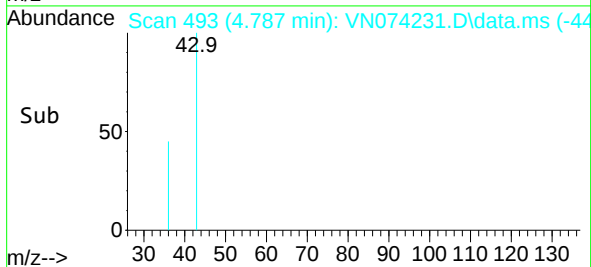
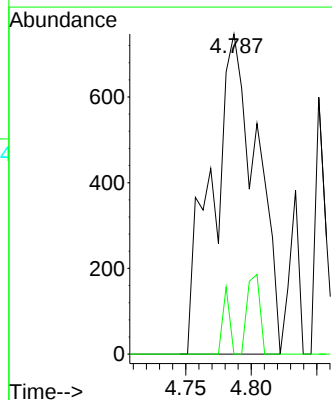
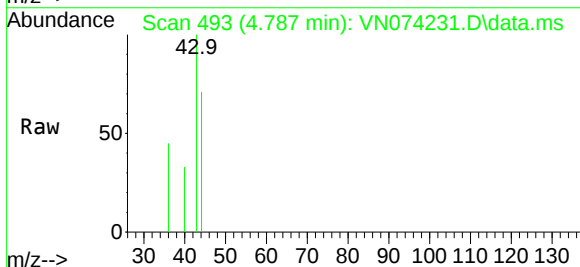
Instrument :
MSVOA_N
ClientSampleId :
VN0901WBL01

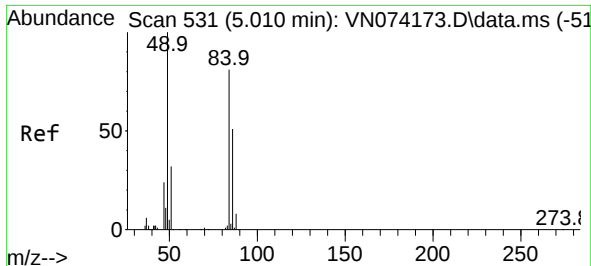
Tgt Ion: 43 Resp: 1624
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 493
Delta R.T. 0.012 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

Tgt Ion: 43 Resp: 1772
Ion Ratio Lower Upper
43 100
74 3.1 21.6 32.4#

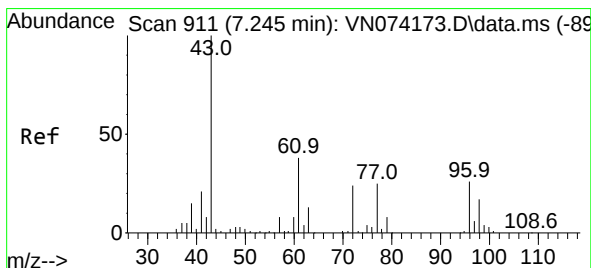
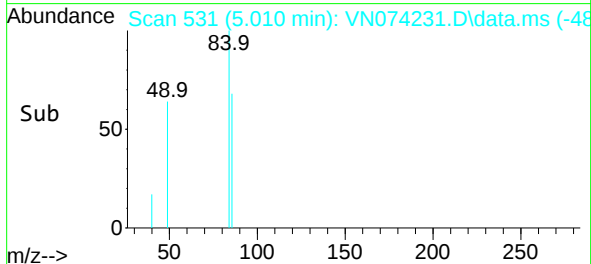
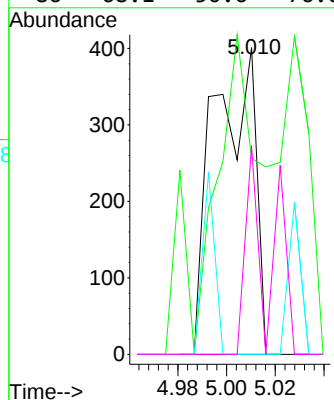
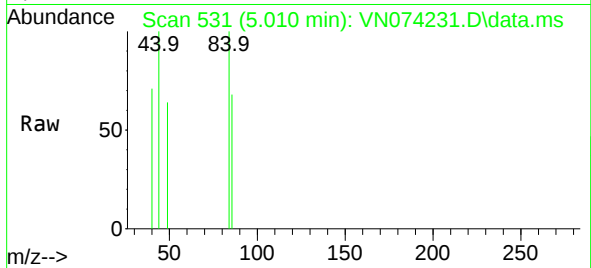




#20
Methylene Chloride
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

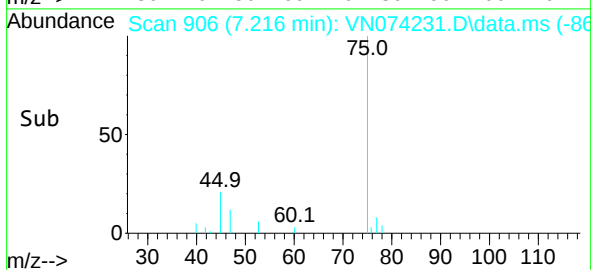
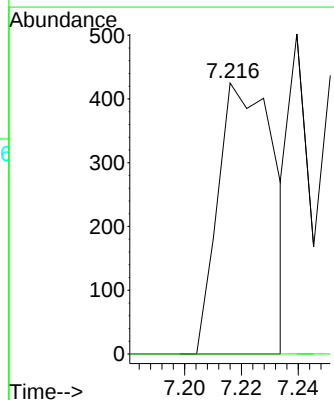
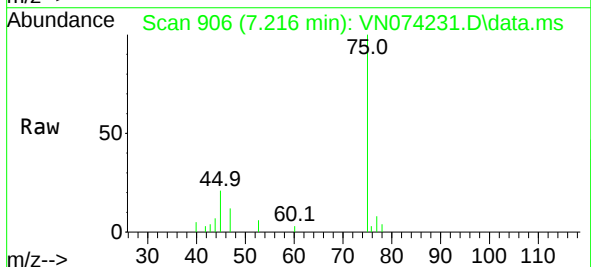
Instrument :
MSVOA_N
ClientSampleId :
VN0901WBL01

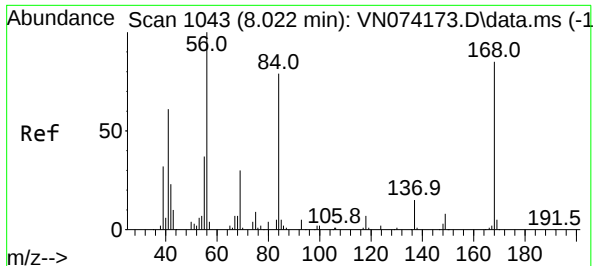
Tgt Ion:	84	Resp:	470
Ion	Ratio	Lower	Upper
84	100		
49	3.7	88.3	132.5#
51	0.0	28.2	42.2#
86	68.1	50.6	76.0



#26
2,2-Dichloropropane
Concen: 0.449 ug/l
RT: 7.216 min Scan# 906
Delta R.T. -0.029 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

Tgt Ion:	77	Resp:	586
Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.4	34.2#

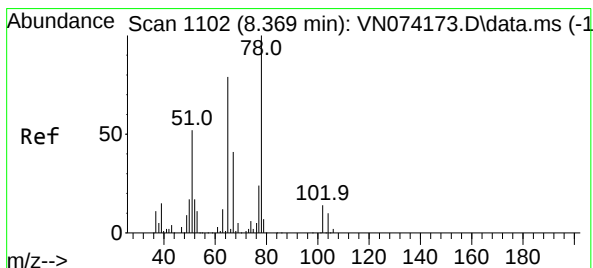
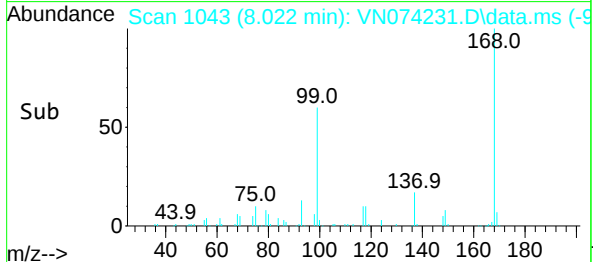
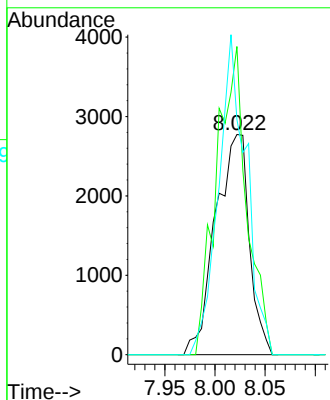
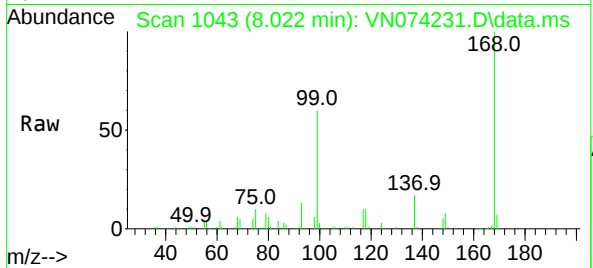




#31
Cyclohexane
Concen: 1.332 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

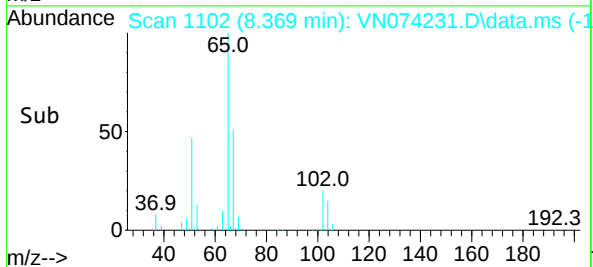
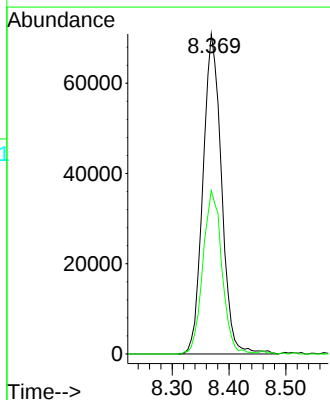
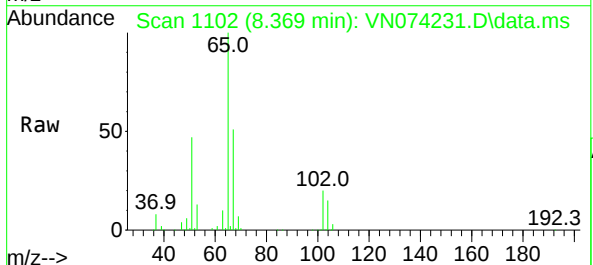
Instrument :
MSVOA_N
ClientSampleId :
VN0901WBL01

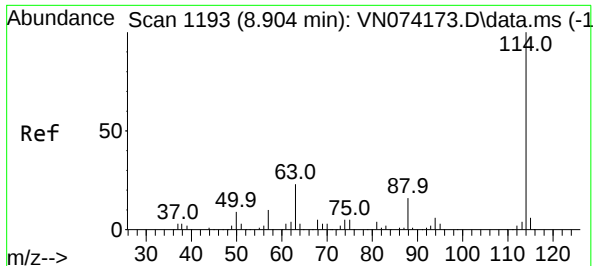
Tgt Ion: 56 Resp: 6492
Ion Ratio Lower Upper
56 100
69 140.0 27.8 41.8#
84 106.9 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 54.468 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

Tgt Ion: 65 Resp: 160700
Ion Ratio Lower Upper
65 100
67 52.2 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: VN074231.D

Acq: 01 Sep 2022 10:19

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBL01

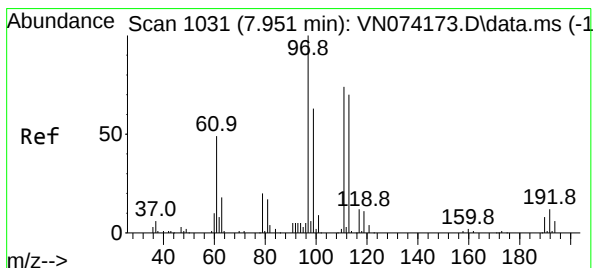
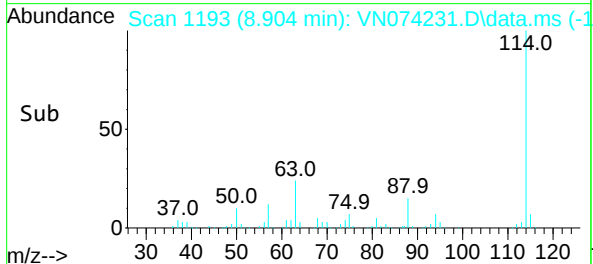
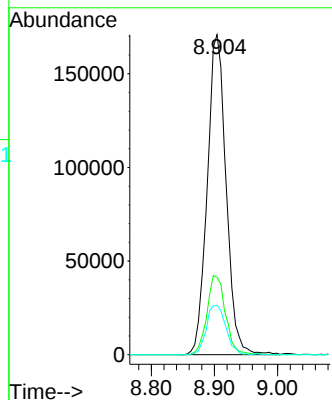
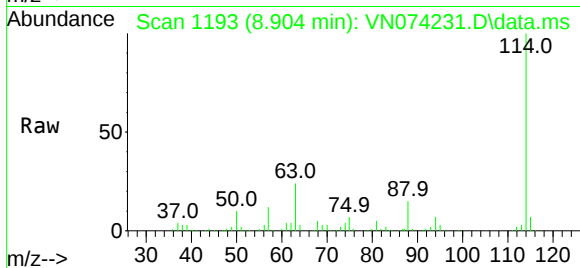
Tgt Ion:114 Resp: 355241

Ion Ratio Lower Upper

114 100

63 24.2 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 56.768 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074231.D

Acq: 01 Sep 2022 10:19

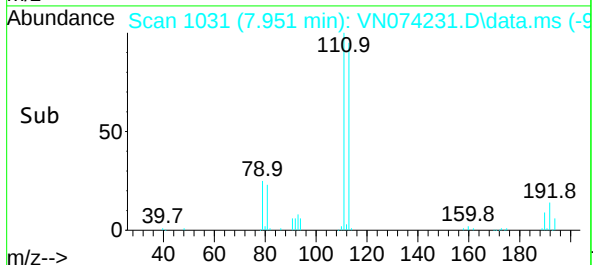
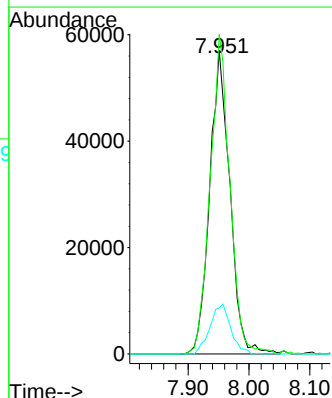
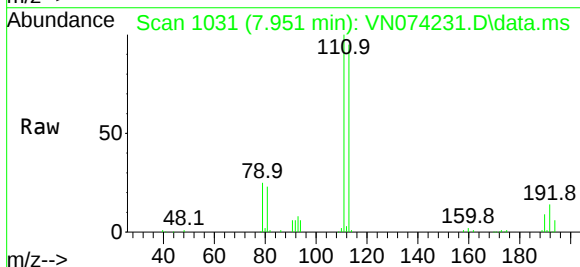
Tgt Ion:113 Resp: 131226

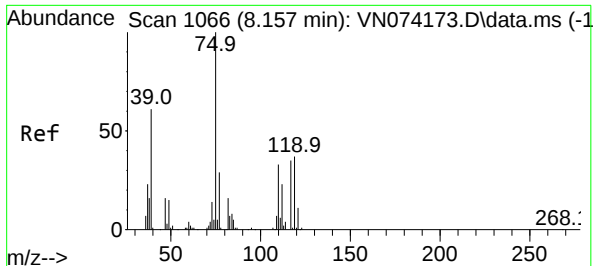
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 16.8 17.0 25.6#





#36

1,1-Dichloropropene

Concen: 4.782 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.135 min

Lab File: VN074231.D

Acq: 01 Sep 2022 10:19

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBL01

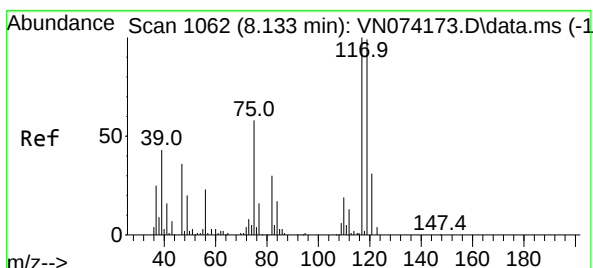
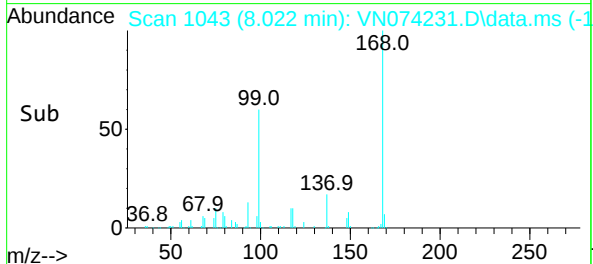
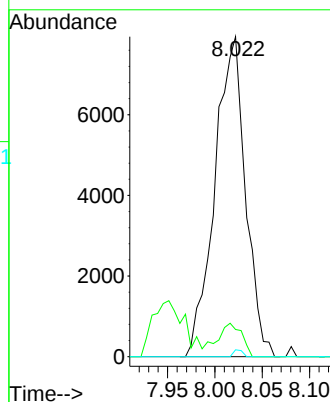
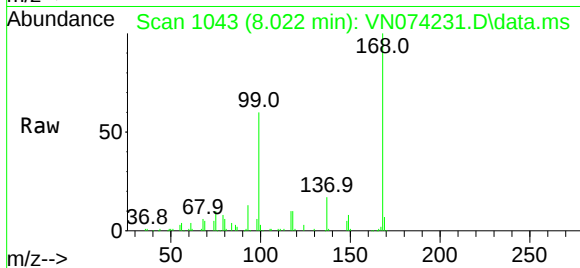
Tgt Ion: 75 Resp: 17936

Ion Ratio Lower Upper

75 100

110 7.0 18.3 54.8#

77 0.6 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.967 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.117 min

Lab File: VN074231.D

Acq: 01 Sep 2022 10:19

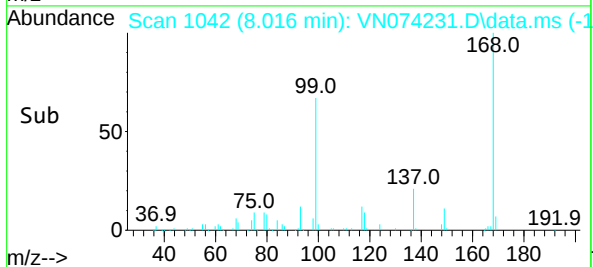
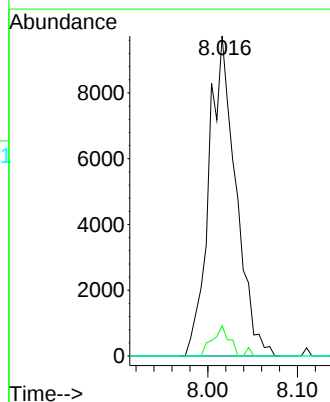
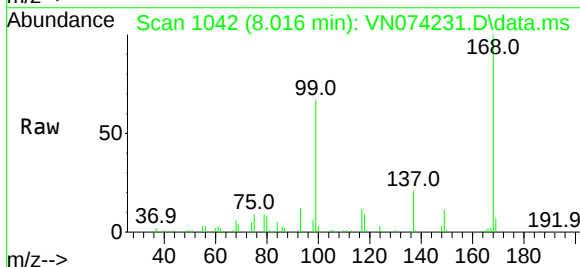
Tgt Ion: 117 Resp: 20323

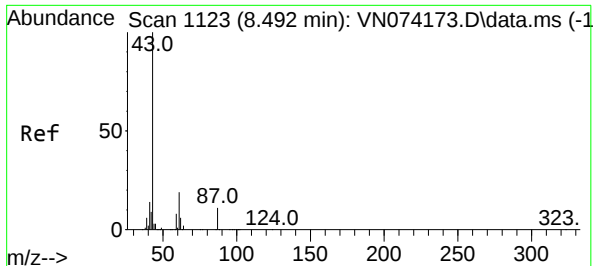
Ion Ratio Lower Upper

117 100

119 9.5 75.8 113.8#

121 0.0 24.6 37.0#

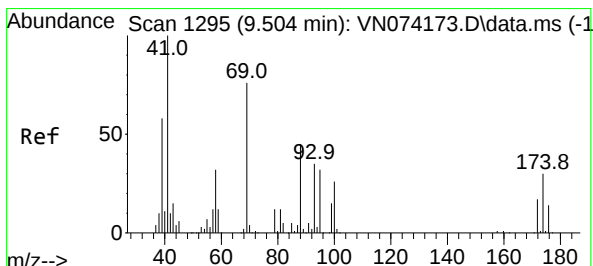
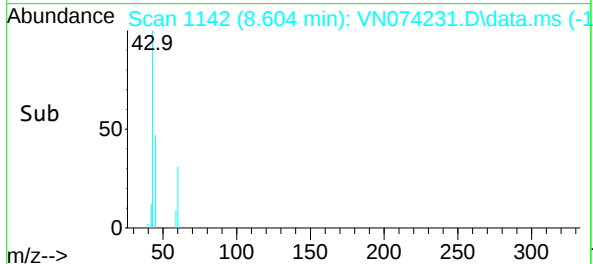
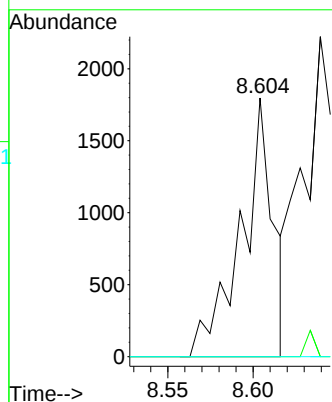
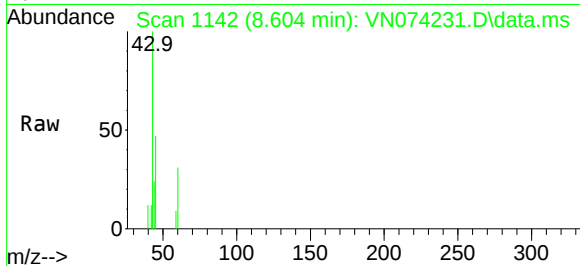




#43
Isopropyl Acetate
Concen: 0.277 ug/l
RT: 8.604 min Scan# 1123
Delta R.T. 0.112 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

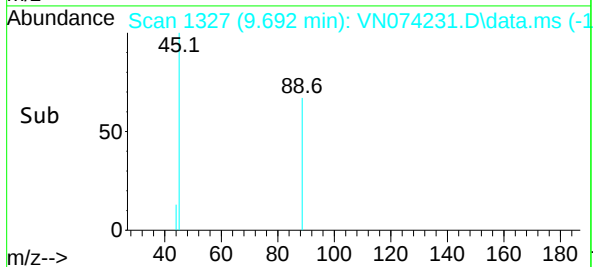
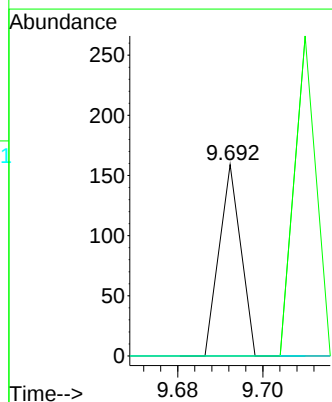
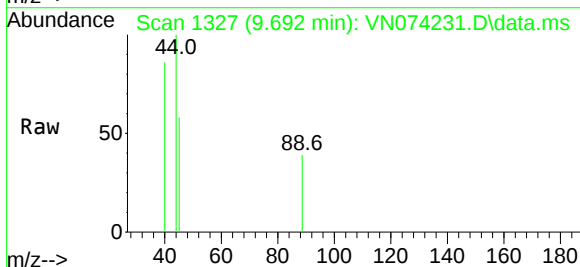
Instrument :
MSVOA_N
ClientSampleId :
VN0901WBL01

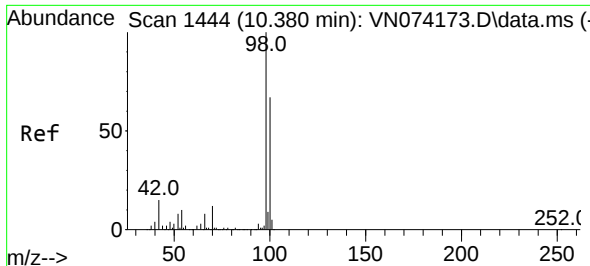
Tgt Ion:	43	Resp:	2335
Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.9	32.9#
87	0.0	12.0	18.0#



#49
1,4-Dioxane
Concen: 0.648 ug/l
RT: 9.692 min Scan# 1327
Delta R.T. 0.188 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

Tgt Ion:	88	Resp:	56
Ion	Ratio	Lower	Upper
88	100		
43	167.9	20.2	30.4#
58	0.0	54.2	81.4#

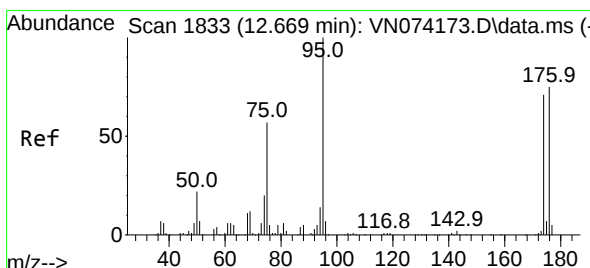
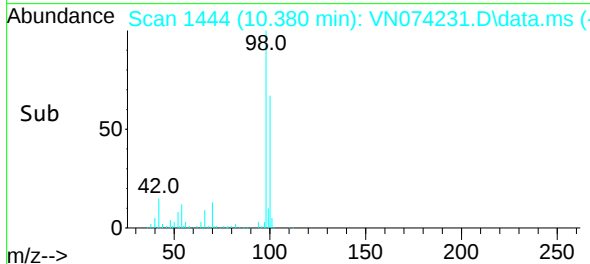
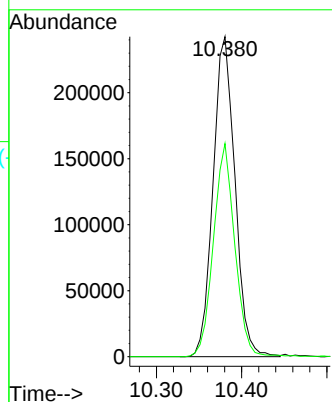
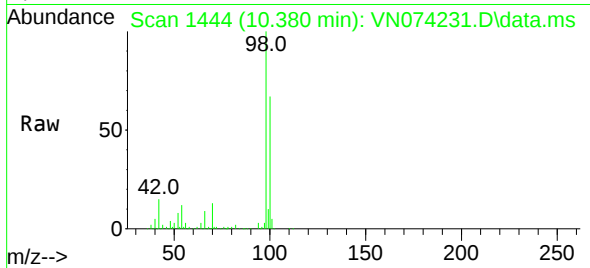




#50
Toluene-d8
Concen: 47.546 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

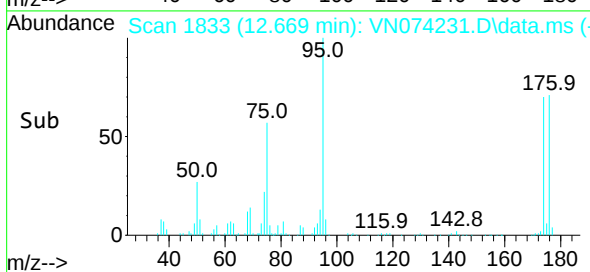
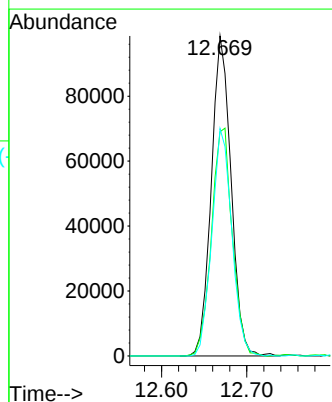
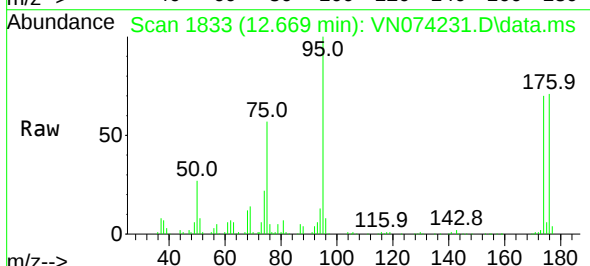
Instrument :
MSVOA_N
ClientSampleId :
VN0901WBL01

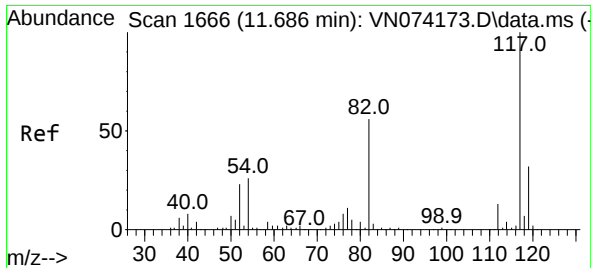
Tgt Ion: 98 Resp: 432834
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.360 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

Tgt Ion: 95 Resp: 158797
Ion Ratio Lower Upper
95 100
174 75.2 0.0 167.6
176 71.7 0.0 163.4

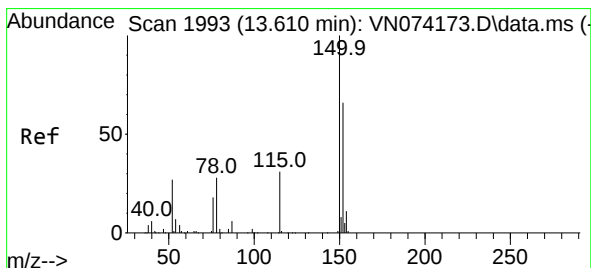
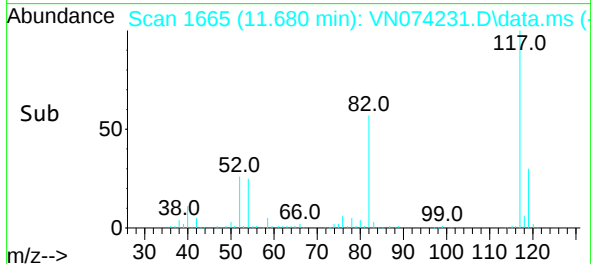
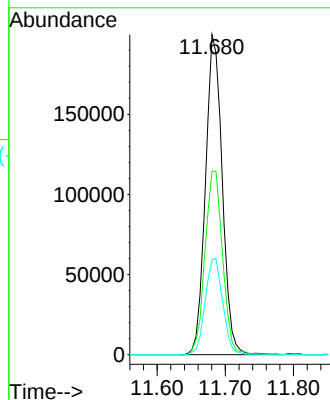
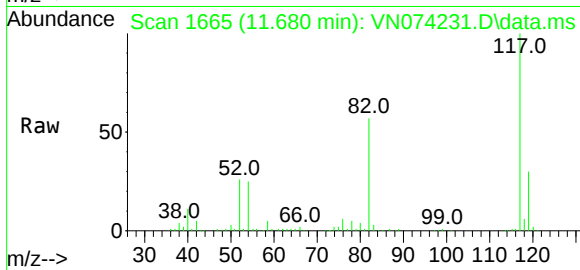




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

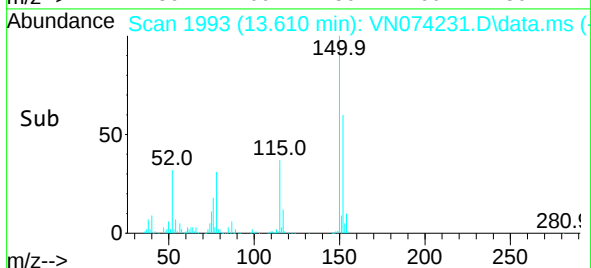
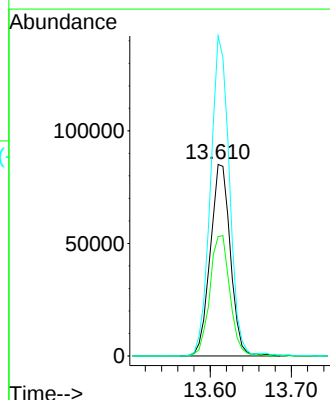
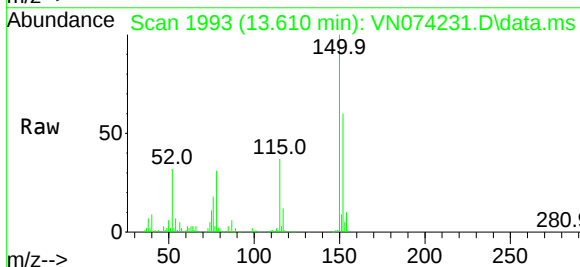
Instrument :
MSVOA_N
ClientSampleId :
VN0901WBL01

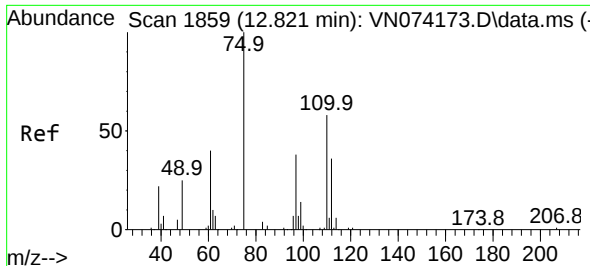
Tgt Ion:117 Resp: 342625
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 29.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

Tgt Ion:152 Resp: 146129
Ion Ratio Lower Upper
152 100
115 62.6 28.9 86.7
150 156.7 0.0 356.2

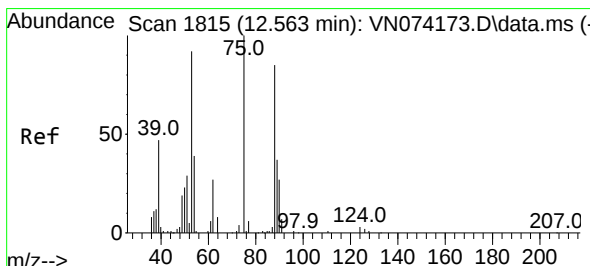
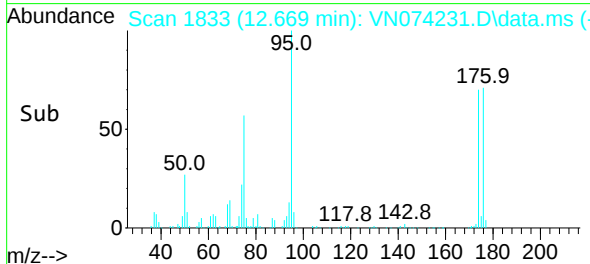
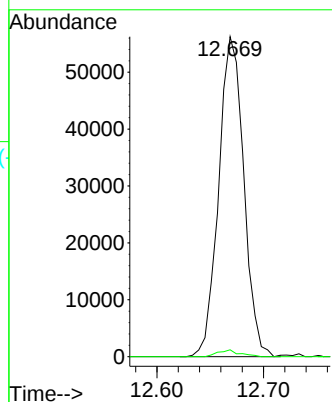
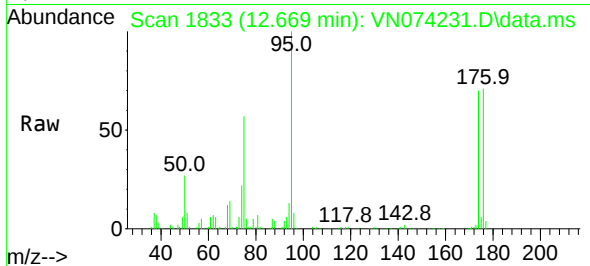




#76
1,2,3-Trichloropropane
Concen: 25.344 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

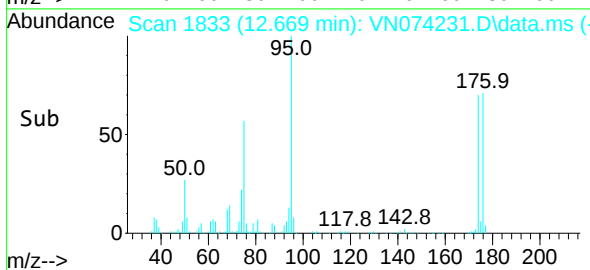
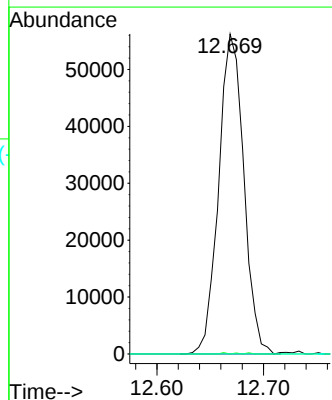
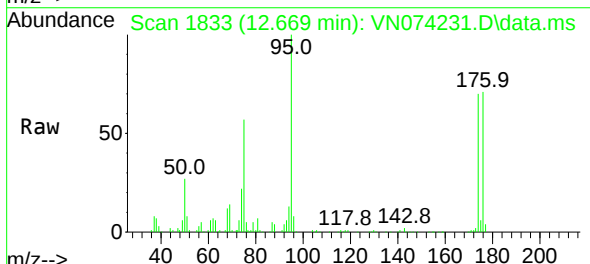
Instrument :
MSVOA_N
ClientSampleId :
VN0901WBL01

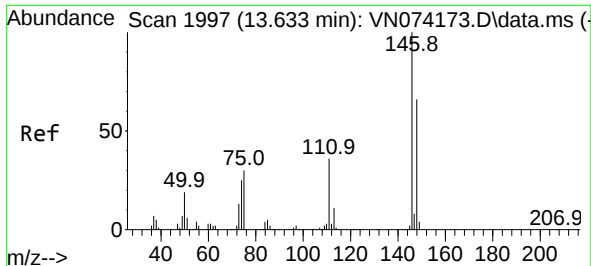
Tgt Ion: 75 Resp: 91934
Ion Ratio Lower Upper
75 100
77 1.8 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.302 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

Tgt Ion: 75 Resp: 91934
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

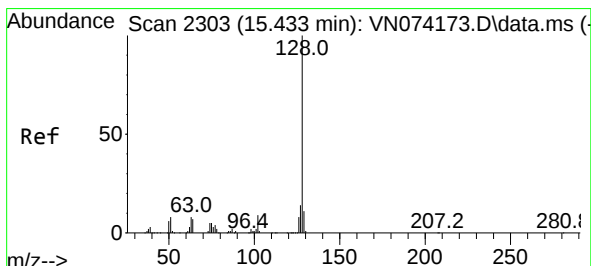
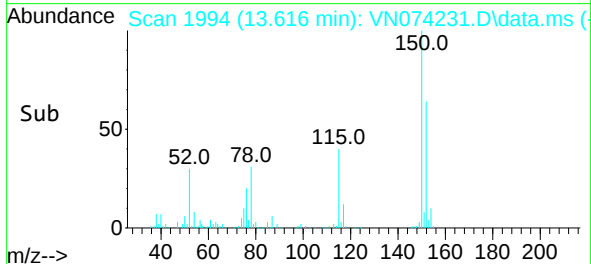
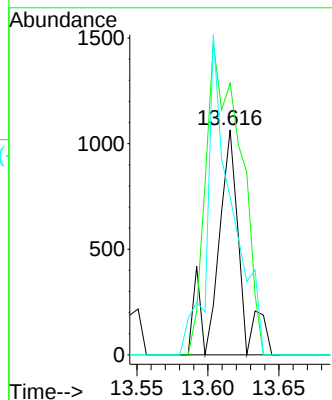
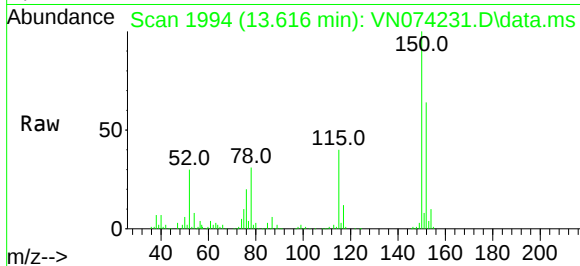




#88
1,4-Dichlorobenzene
Concen: 0.219 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. -0.018 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VN0901WBL01

Tgt Ion:146 Resp: 1183
Ion Ratio Lower Upper
146 100
111 211.2 19.1 57.1#
148 152.5 31.4 94.3#



#95
Naphthalene
Concen: 1.323 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN074231.D
Acq: 01 Sep 2022 10:19

Tgt Ion:128 Resp: 1948
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

