

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074132.D
 Acq On : 26 Aug 2022 13:12
 Operator : JC\MD
 Sample : VN0826WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBL01

Quant Time: Aug 27 00:19:32 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)

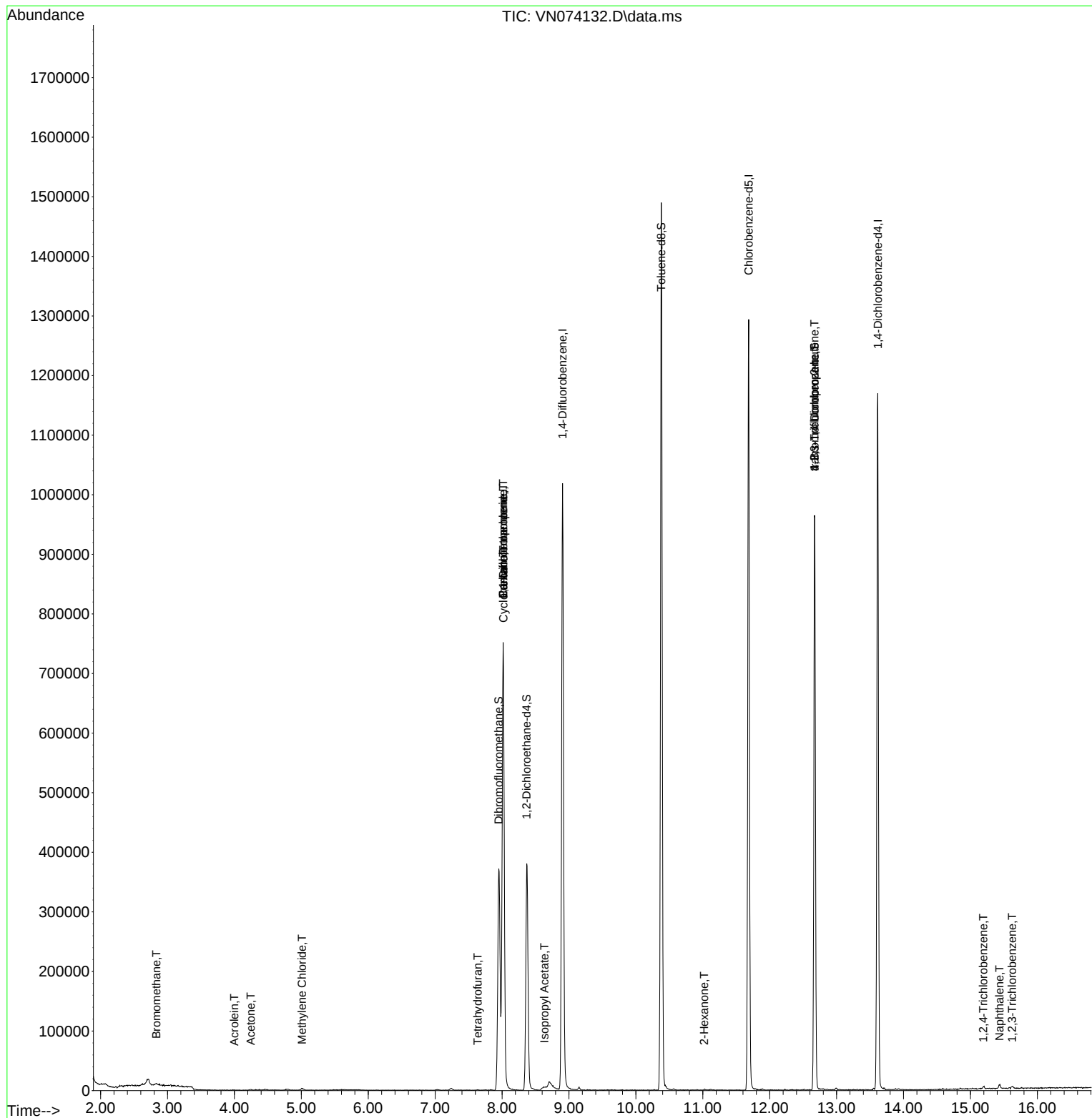
Internal Standards						
1) Pentafluorobenzene	8.016	168	630296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	943758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	792145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	341729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	322972	52.609	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.220%			
35) Dibromofluoromethane	7.951	113	281593	50.453	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.900%			
50) Toluene-d8	10.380	98	1051864	48.662	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.320%			
62) 4-Bromofluorobenzene	12.668	95	328188	45.747	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.500%			
Target Compounds						Qvalue
5) Bromomethane	2.834	94	2476	0.556	ug/l	87
13) Acrolein	3.998	56	309	0.321	ug/l #	16
16) Acetone	4.245	43	1721	0.594	ug/l #	86
18) Methyl Acetate	4.769	43	3276	Below Cal	#	67
20) Methylene Chloride	5.010	84	2258	0.369	ug/l	91
29) Tetrahydrofuran	7.633	42	659	0.224	ug/l #	42
31) Cyclohexane	8.022	56	10326	1.207	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	40418	5.214	ug/l #	49
38) Carbon Tetrachloride	8.016	117	57577	6.498	ug/l #	18
43) Isopropyl Acetate	8.633	43	8483	0.634	ug/l #	53
59) 2-Hexanone	11.021	43	1409	0.202	ug/l	79
76) 1,2,3-Trichloropropane	12.668	75	159118	22.402	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	159118	63.716	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.192	180	1742	0.237	ug/l	83
95) Naphthalene	15.433	128	7616	0.318	ug/l	98
96) 1,2,3-Trichlorobenzene	15.621	180	1762	0.232	ug/l	96

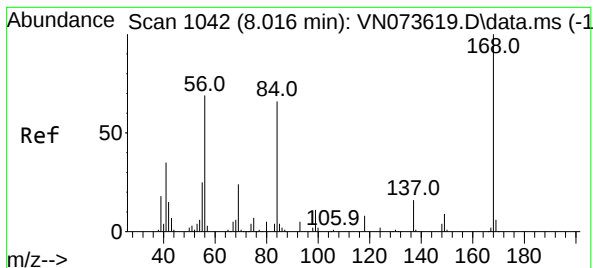
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
Data File : VN074132.D
Acq On : 26 Aug 2022 13:12
Operator : JC\MD
Sample : VN0826WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

Quant Time: Aug 27 00:19:32 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

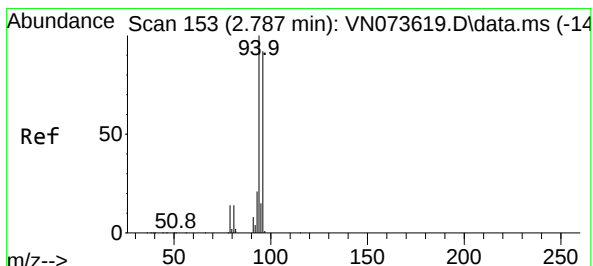
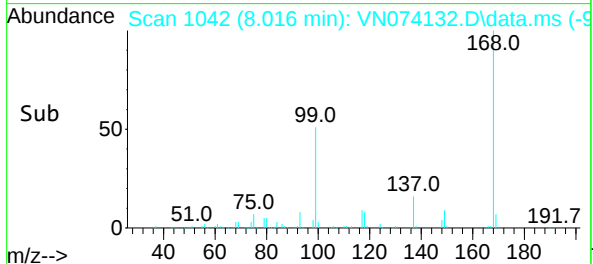
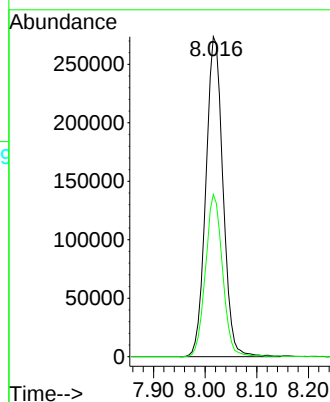
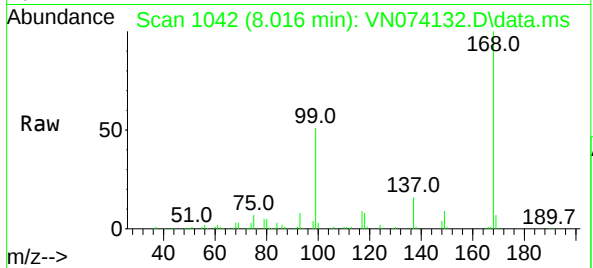




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074132.D
Acq: 26 Aug 2022 13:12

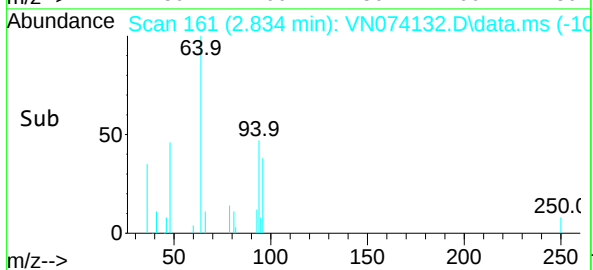
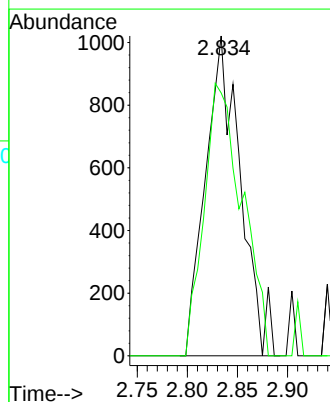
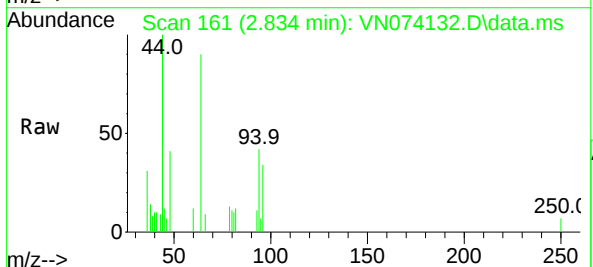
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

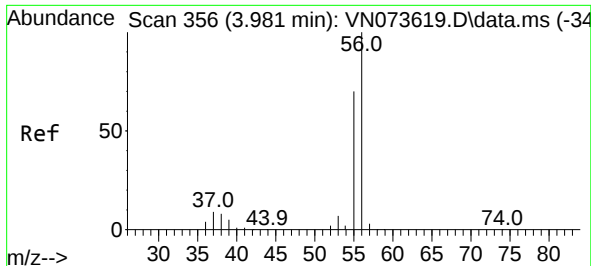
Tgt Ion:168 Resp: 630296
Ion Ratio Lower Upper
168 100
99 50.7 42.3 63.5



#5
Bromomethane
Concen: 0.556 ug/l
RT: 2.834 min Scan# 161
Delta R.T. 0.047 min
Lab File: VN074132.D
Acq: 26 Aug 2022 13:12

Tgt Ion: 94 Resp: 2476
Ion Ratio Lower Upper
94 100
96 82.2 76.0 114.0





#13

Acrolein

Concen: 0.321 ug/l

RT: 3.998 min Scan# 309

Delta R.T. 0.017 min

Lab File: VN074132.D

Acq: 26 Aug 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

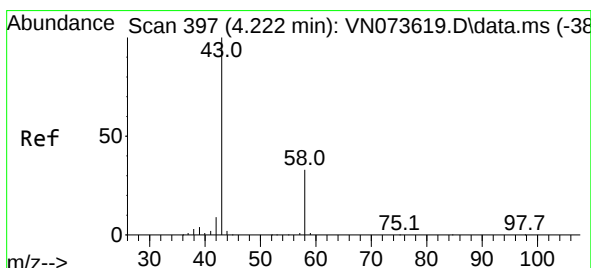
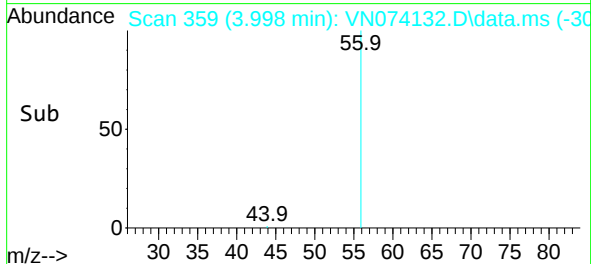
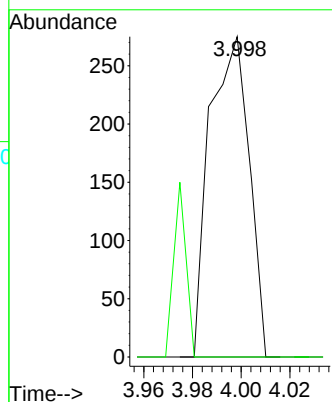
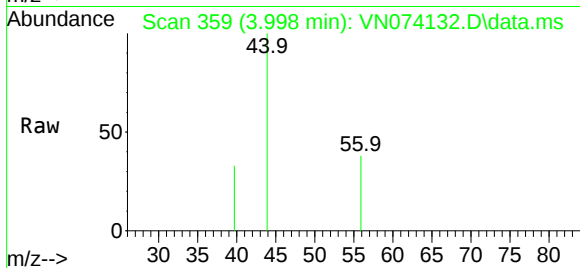
VN0826WBL01

Tgt Ion: 56 Resp: 309

Ion Ratio Lower Upper

56 100

55 0.0 54.8 82.2#



#16

Acetone

Concen: 0.594 ug/l

RT: 4.245 min Scan# 401

Delta R.T. 0.023 min

Lab File: VN074132.D

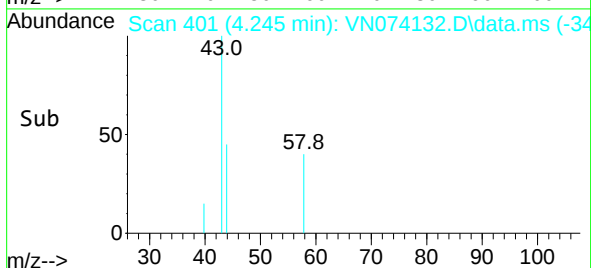
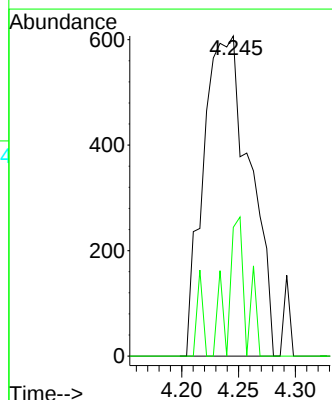
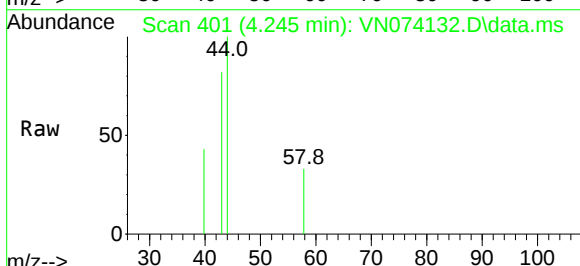
Acq: 26 Aug 2022 13:12

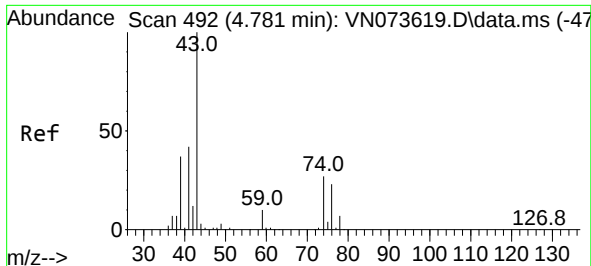
Tgt Ion: 43 Resp: 1721

Ion Ratio Lower Upper

43 100

58 40.2 26.0 39.0#

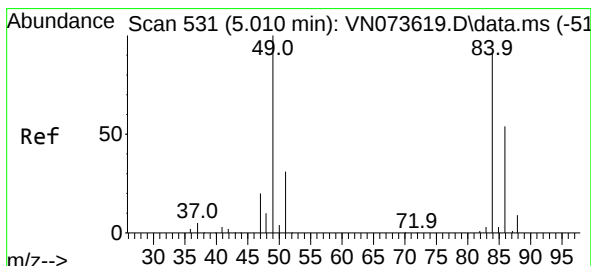
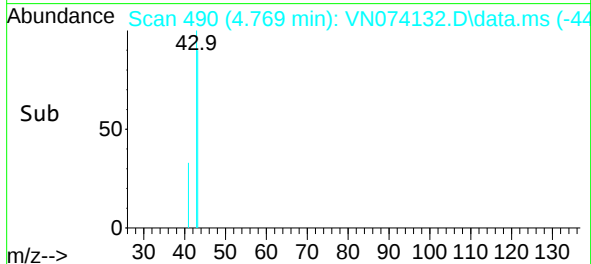
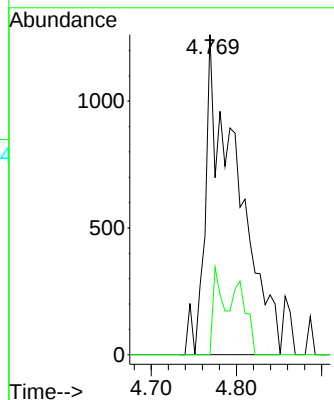
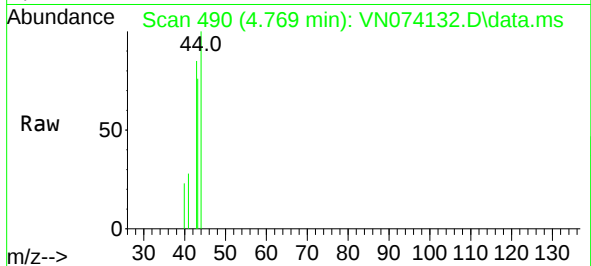




#18
Methyl Acetate
Concen: Below Cal
RT: 4.769 min Scan# 492
Delta R.T. -0.012 min
Lab File: VN074132.D
Acq: 26 Aug 2022 13:12

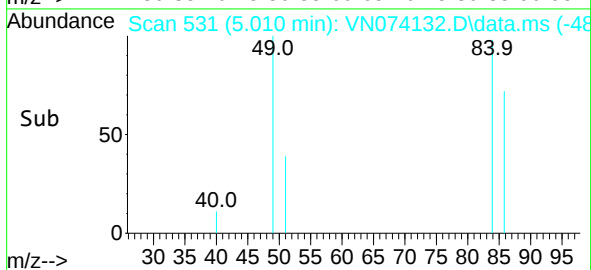
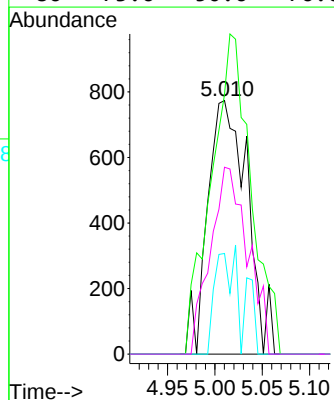
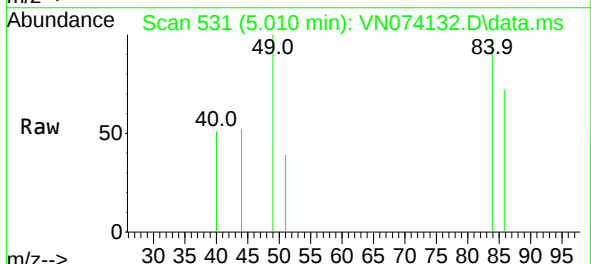
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

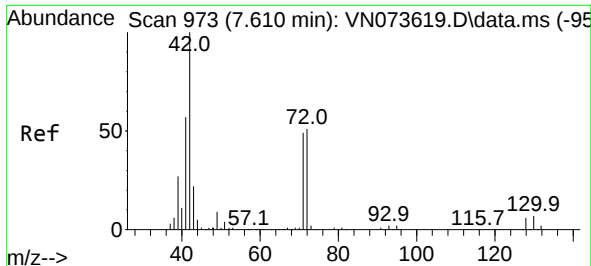
Tgt Ion: 43 Resp: 3276
Ion Ratio Lower Upper
43 100
74 10.0 21.6 32.4#



#20
Methylene Chloride
Concen: 0.369 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074132.D
Acq: 26 Aug 2022 13:12

Tgt Ion: 84 Resp: 2258
Ion Ratio Lower Upper
84 100
49 102.5 88.3 132.5
51 39.7 28.2 42.2
86 73.6 50.6 76.0





#29

Tetrahydrofuran

Concen: 0.224 ug/l

RT: 7.633 min Scan# 91

Delta R.T. 0.023 min

Lab File: VN074132.D

Acq: 26 Aug 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBL01

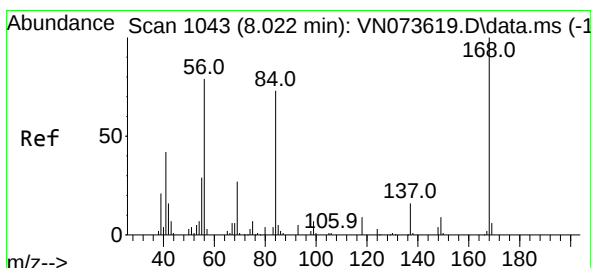
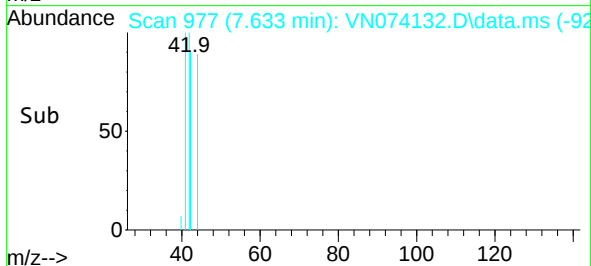
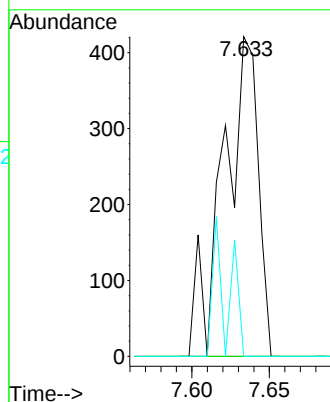
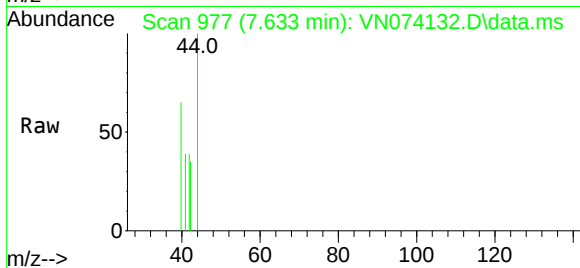
Tgt Ion: 42 Resp: 659

Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 18.1 36.6 55.0#



#31

Cyclohexane

Concen: 1.207 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN074132.D

Acq: 26 Aug 2022 13:12

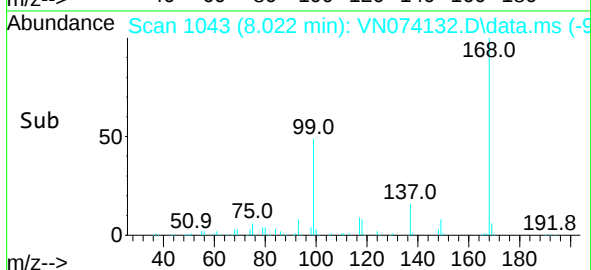
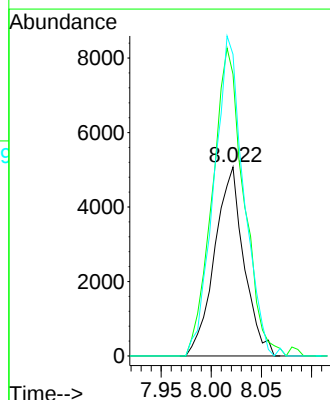
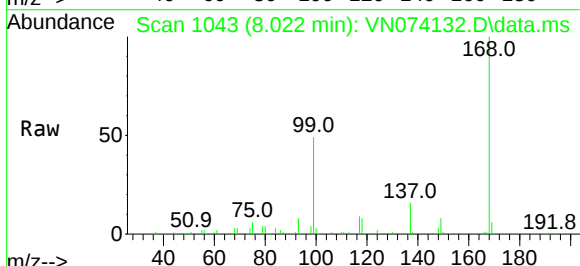
Tgt Ion: 56 Resp: 10326

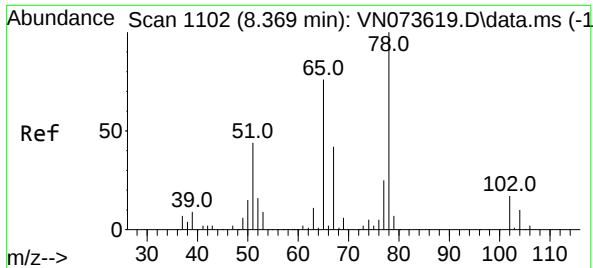
Ion Ratio Lower Upper

56 100

69 149.1 27.8 41.8#

84 159.6 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 52.609 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074132.D

Acq: 26 Aug 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

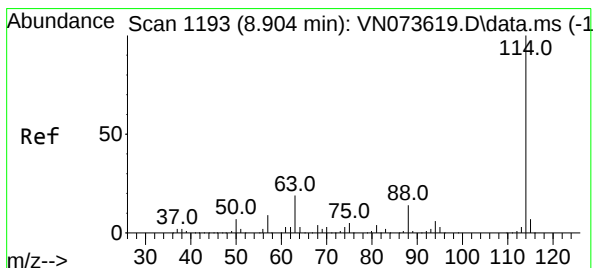
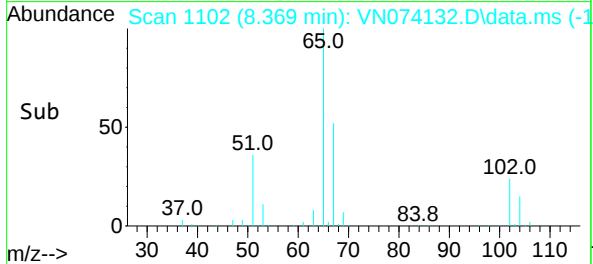
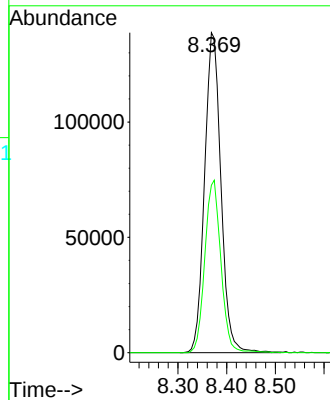
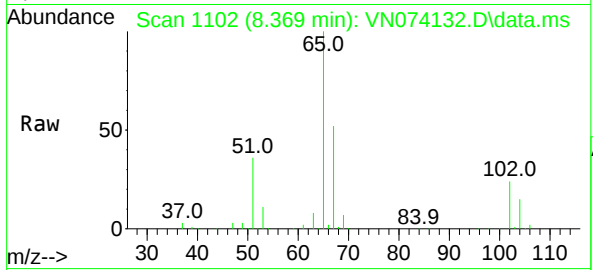
VN0826WBL01

Tgt Ion: 65 Resp: 322972

Ion Ratio Lower Upper

65 100

67 52.9 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: VN074132.D

Acq: 26 Aug 2022 13:12

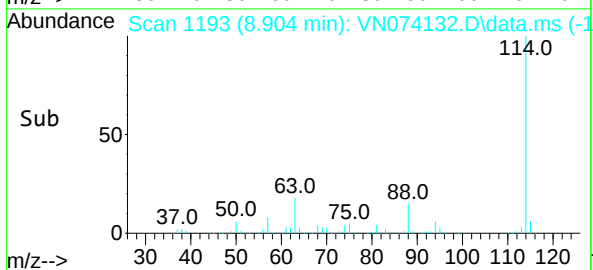
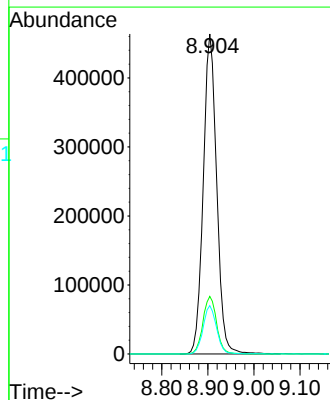
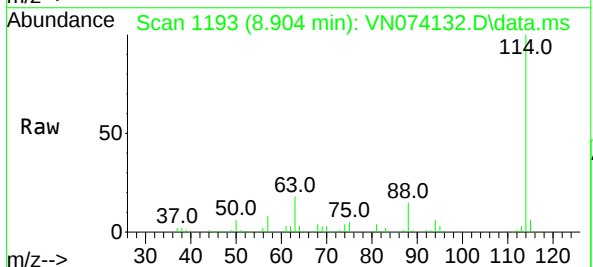
Tgt Ion: 114 Resp: 943758

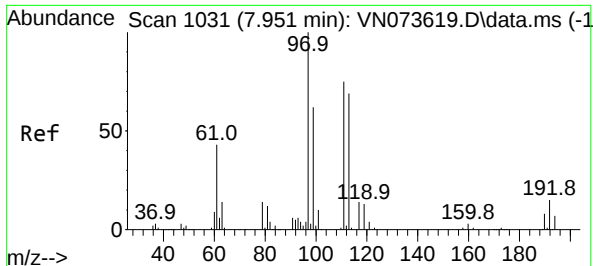
Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.453 ug/l

RT: 7.951 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VN074132.D

Acq: 26 Aug 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBL01

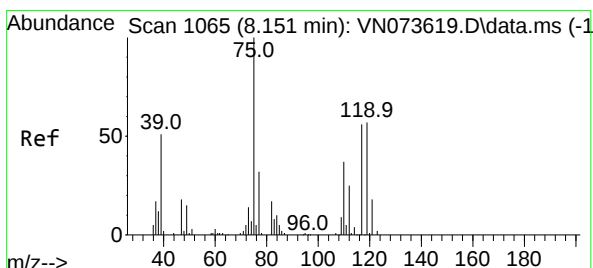
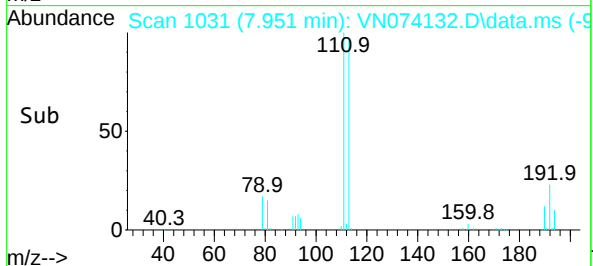
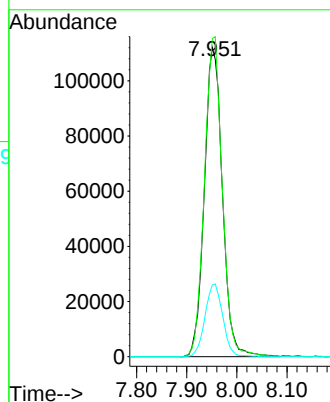
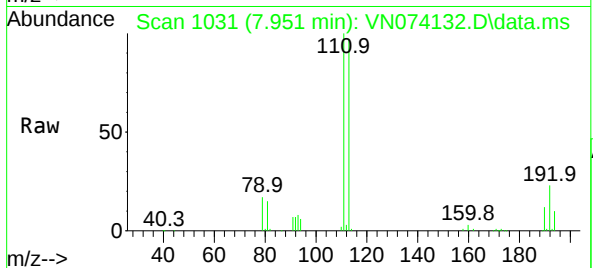
Tgt Ion:113 Resp: 281593

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 23.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.214 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074132.D

Acq: 26 Aug 2022 13:12

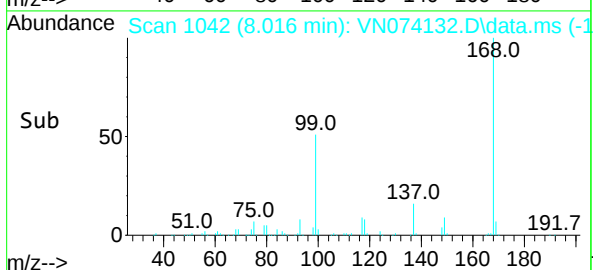
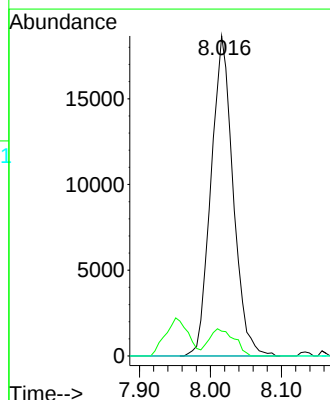
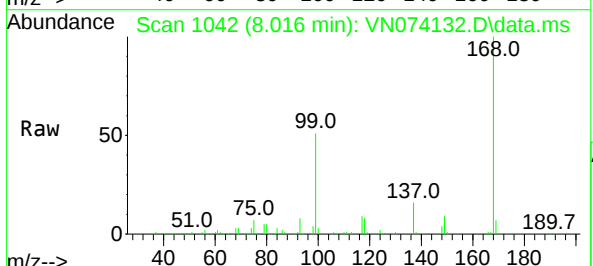
Tgt Ion: 75 Resp: 40418

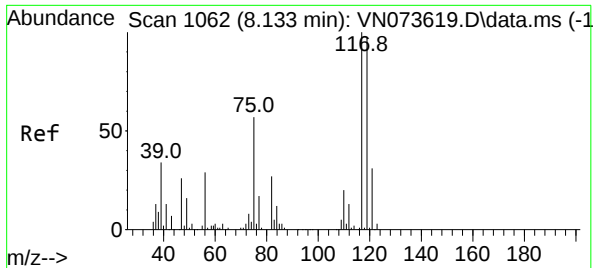
Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

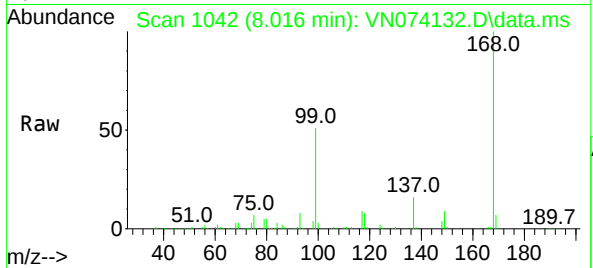
77 0.0 25.1 37.7#



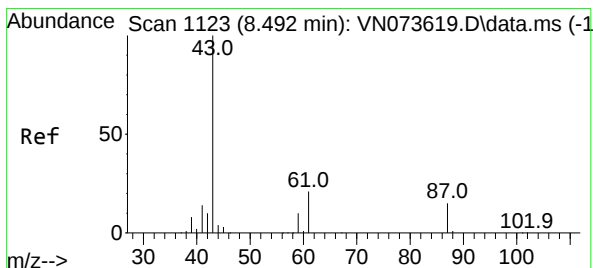
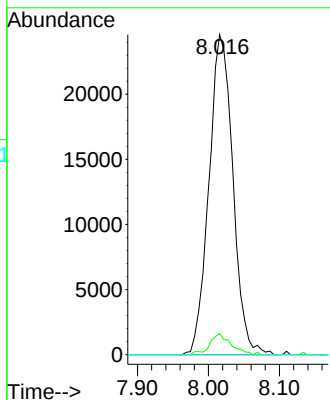
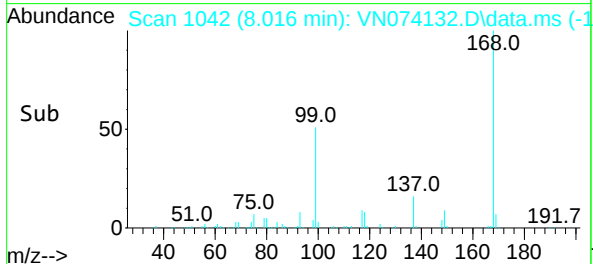


#38
Carbon Tetrachloride
Concen: 6.498 ug/l
RT: 8.016 min Scan# 1147
Delta R.T. -0.117 min
Lab File: VN074132.D
Acq: 26 Aug 2022 13:12

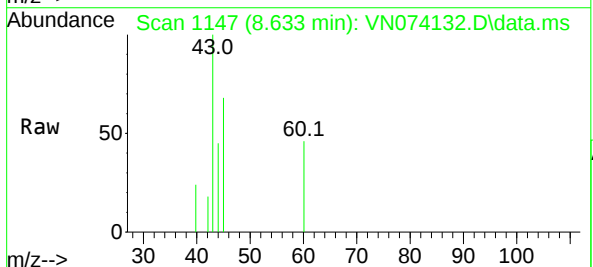
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01



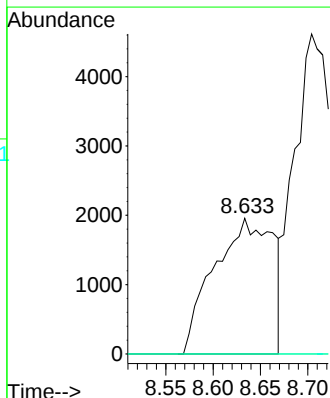
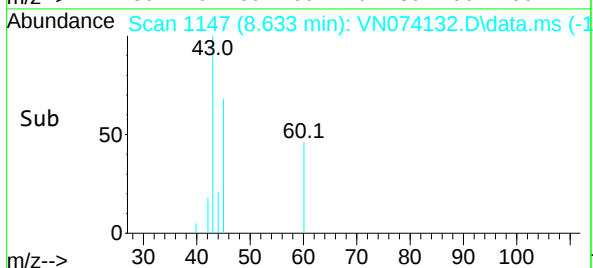
Tgt Ion:117 Resp: 57577
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.8#
121 0.0 24.6 37.0#

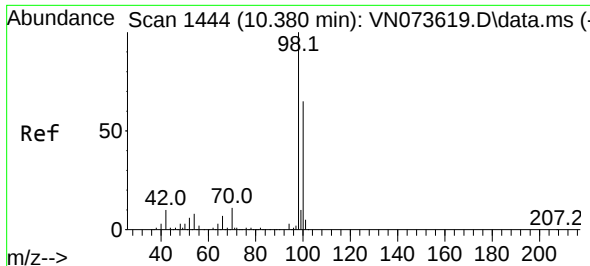


#43
Isopropyl Acetate
Concen: 0.634 ug/l
RT: 8.633 min Scan# 1147
Delta R.T. 0.141 min
Lab File: VN074132.D
Acq: 26 Aug 2022 13:12



Tgt Ion: 43 Resp: 8483
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

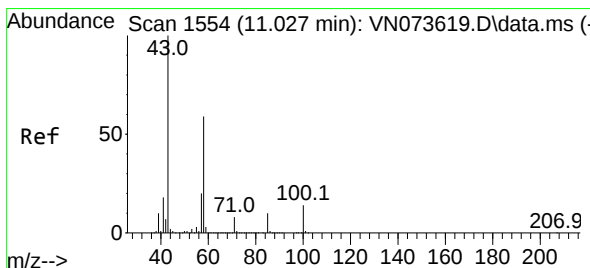
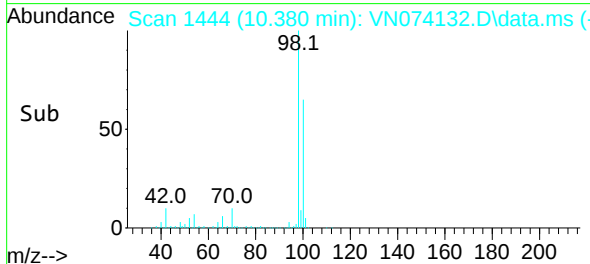
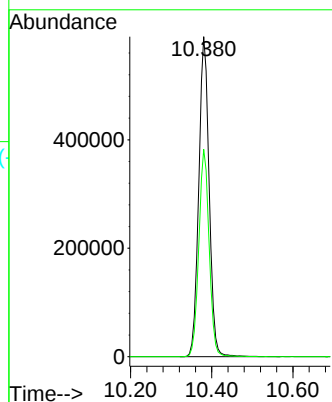
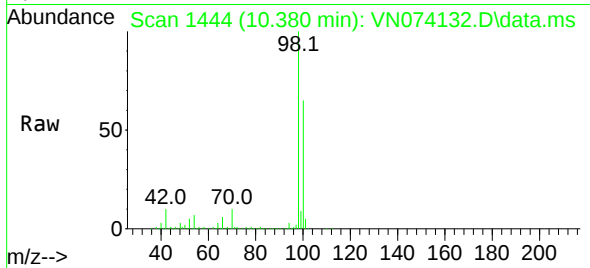




#50
Toluene-d8
Concen: 48.662 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074132.D
Acq: 26 Aug 2022 13:12

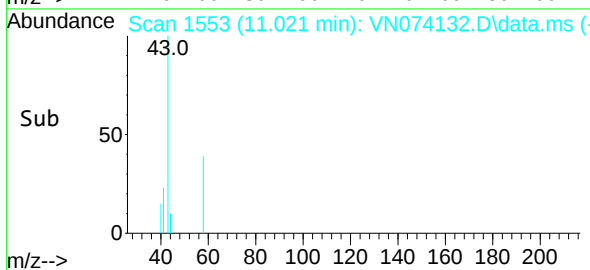
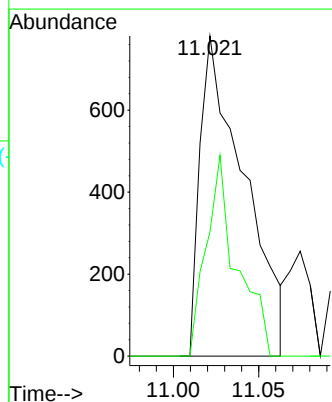
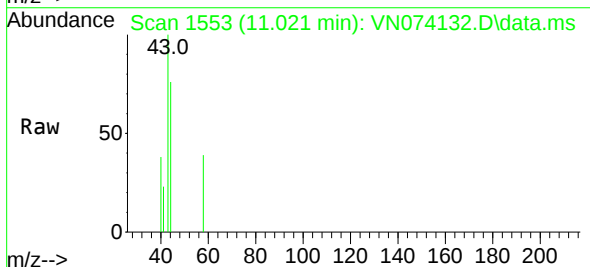
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

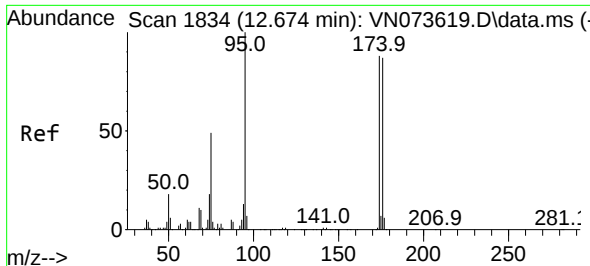
Tgt Ion: 98 Resp: 1051864
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#59
2-Hexanone
Concen: 0.202 ug/l
RT: 11.021 min Scan# 1553
Delta R.T. -0.006 min
Lab File: VN074132.D
Acq: 26 Aug 2022 13:12

Tgt Ion: 43 Resp: 1409
Ion Ratio Lower Upper
43 100
58 43.3 29.7 89.1

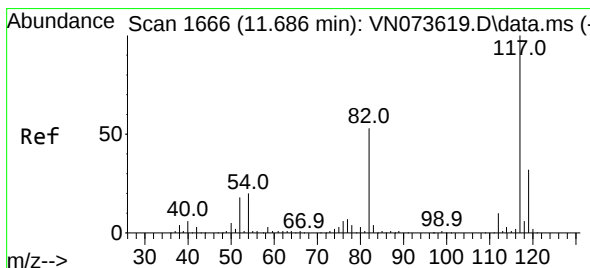
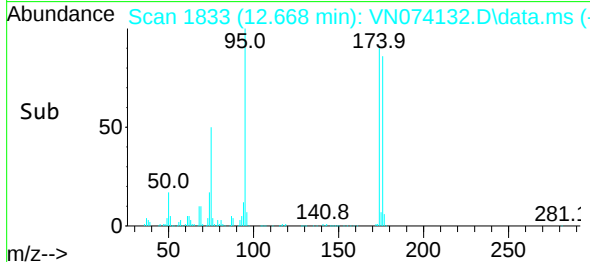
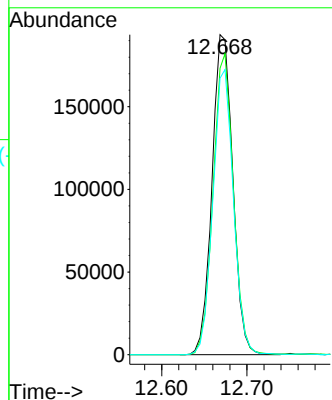
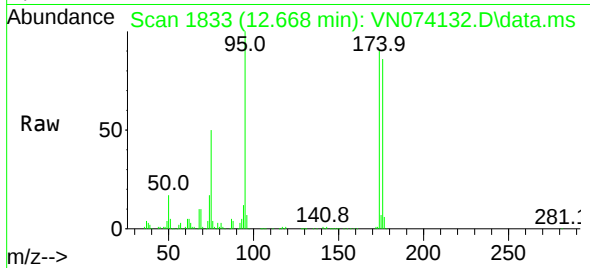




#62
4-Bromofluorobenzene
Concen: 45.747 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN074132.D
Acq: 26 Aug 2022 13:12

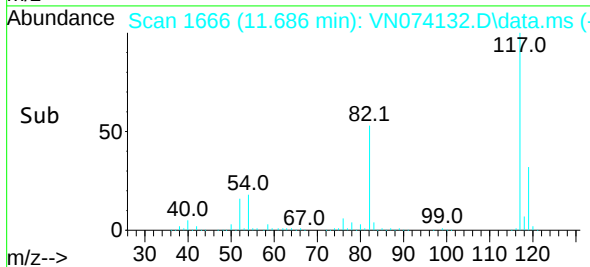
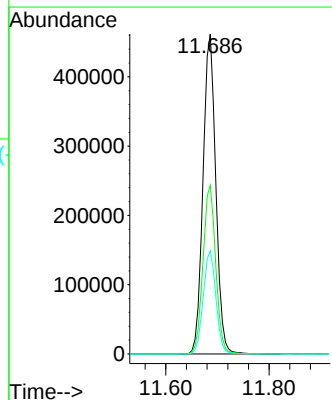
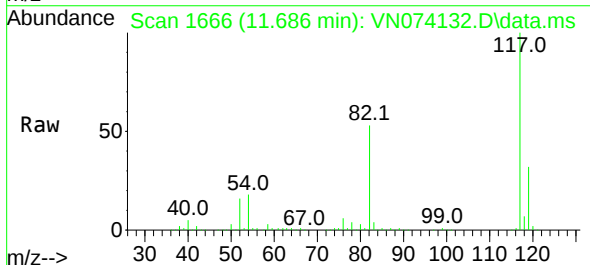
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

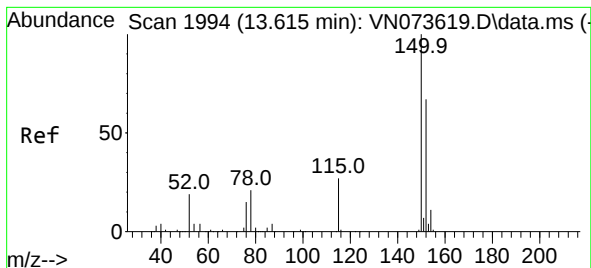
Tgt Ion: 95 Resp: 328188
Ion Ratio Lower Upper
95 100
174 92.2 0.0 167.6
176 87.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074132.D
Acq: 26 Aug 2022 13:12

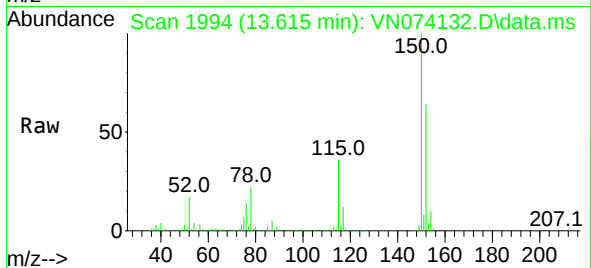
Tgt Ion: 117 Resp: 792145
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 32.3 25.4 38.0



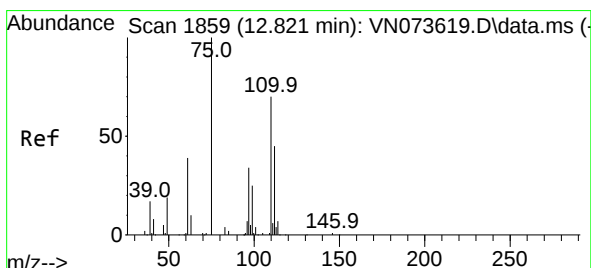
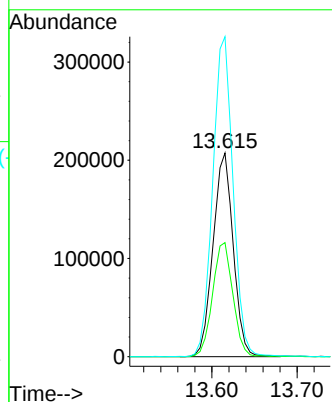
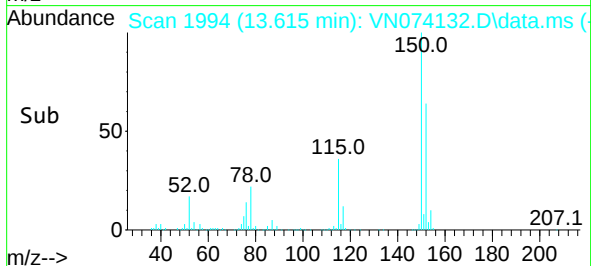


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074132.D
Acq: 26 Aug 2022 13:12

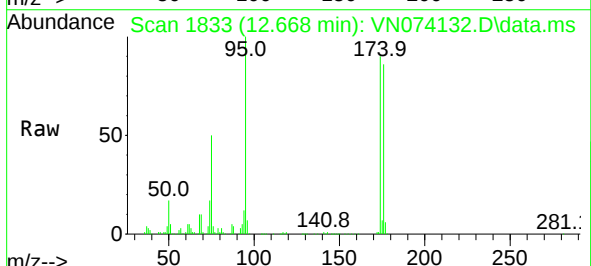
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01



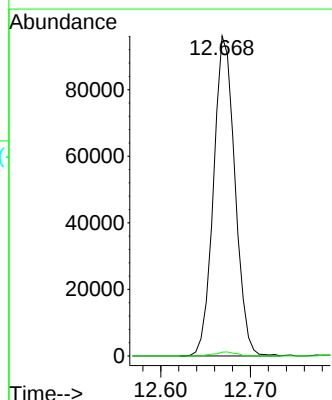
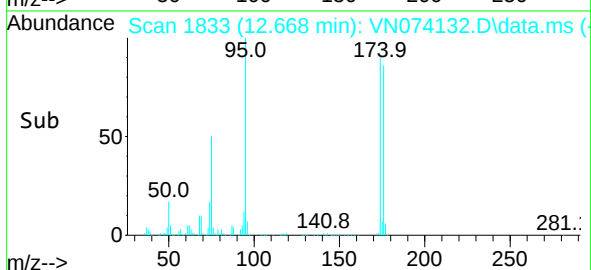
Tgt Ion:152 Resp: 341729
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 158.3 0.0 356.2

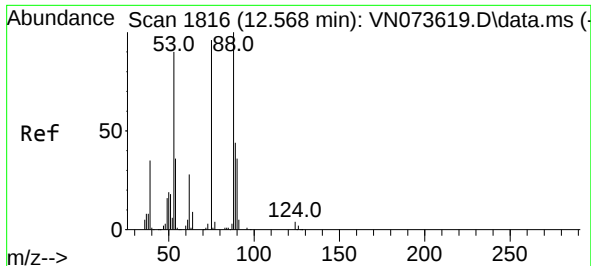


#76
1,2,3-Trichloropropane
Concen: 22.402 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.153 min
Lab File: VN074132.D
Acq: 26 Aug 2022 13:12



Tgt Ion: 75 Resp: 159118
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

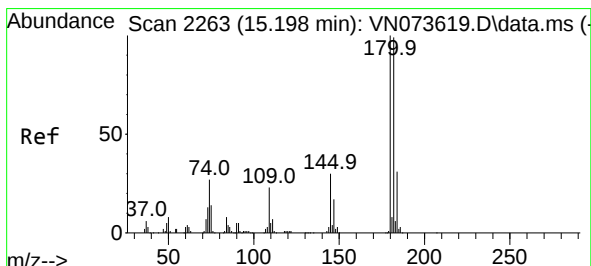
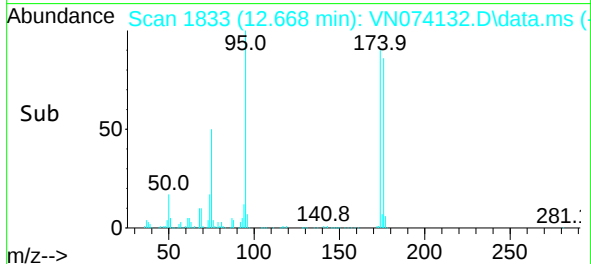
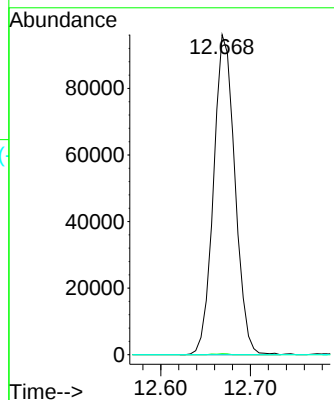
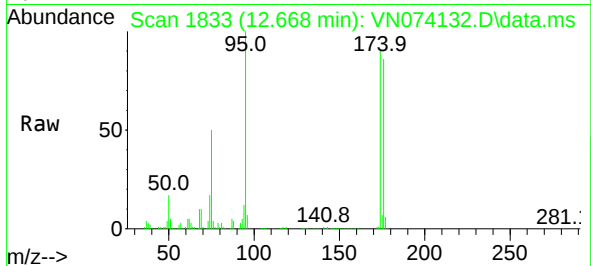




#81
trans-1,4-Dichloro-2-butene
Concen: 63.716 ug/l
RT: 12.668 min Scan# 1816
Delta R.T. 0.100 min
Lab File: VN074132.D
Acq: 26 Aug 2022 13:12

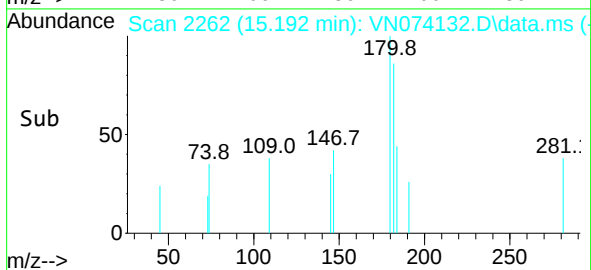
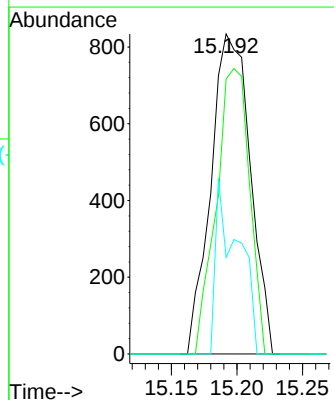
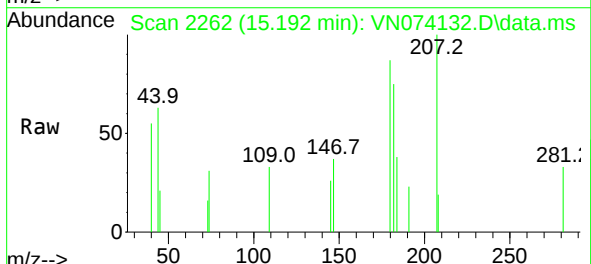
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

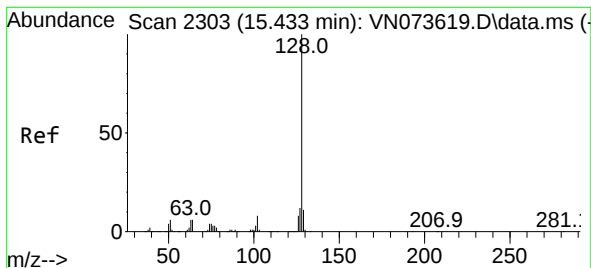
Tgt Ion: 75 Resp: 159118
Ion Ratio Lower Upper
75 100
53 0.2 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.237 ug/l
RT: 15.192 min Scan# 2262
Delta R.T. -0.006 min
Lab File: VN074132.D
Acq: 26 Aug 2022 13:12

Tgt Ion: 180 Resp: 1742
Ion Ratio Lower Upper
180 100
182 75.1 47.5 142.5
145 31.3 14.5 43.5





#95

Naphthalene

Concen: 0.318 ug/l

RT: 15.433 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074132.D

Acq: 26 Aug 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBL01

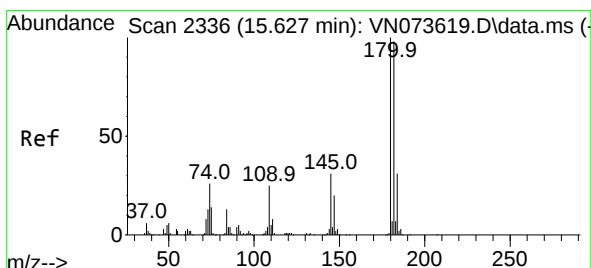
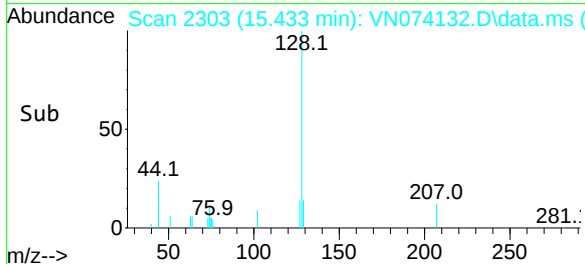
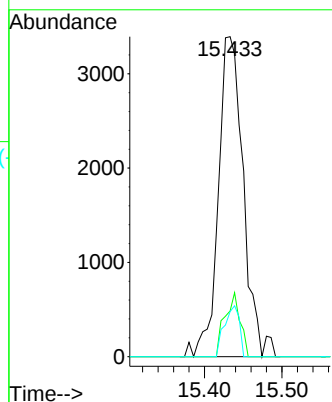
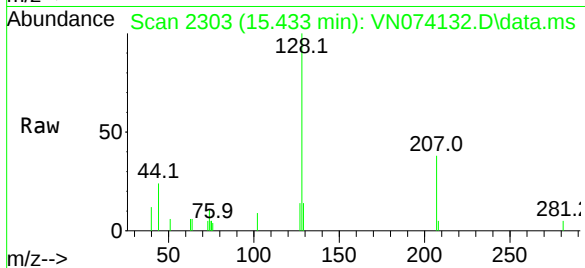
Tgt Ion:128 Resp: 7616

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 9.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.232 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. -0.006 min

Lab File: VN074132.D

Acq: 26 Aug 2022 13:12

Tgt Ion:180 Resp: 1762

Ion Ratio Lower Upper

180 100

182 100.3 47.8 143.3

145 29.5 15.5 46.5

