

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081022\
 Data File : VN073794.D
 Acq On : 10 Aug 2022 12:58
 Operator : JC\MD
 Sample : VN0810MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810MBL01

Quant Time: Aug 10 22:53:27 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)

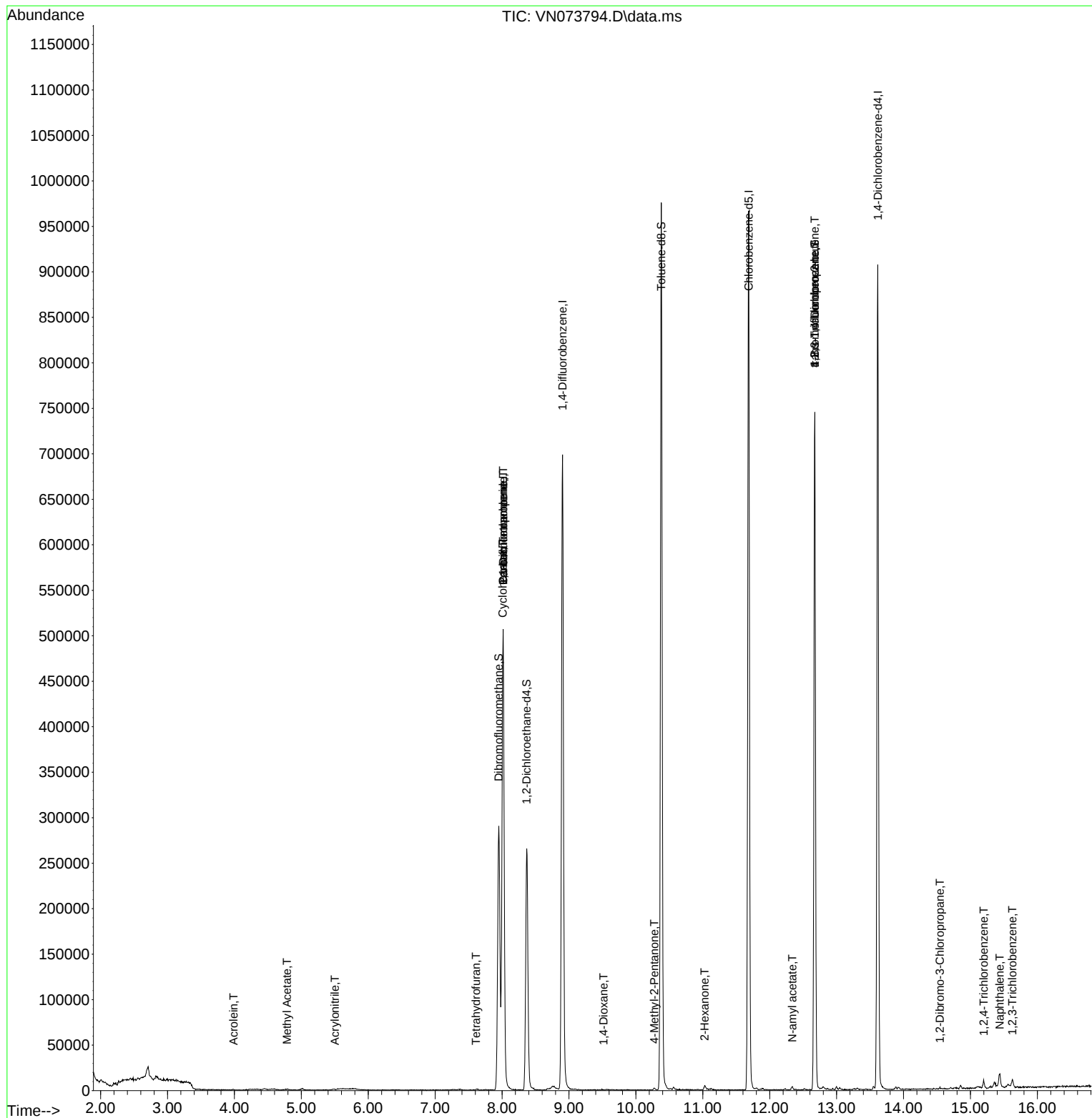
Internal Standards						
1) Pentafluorobenzene	8.016	168	418213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	651243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	594474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	264279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	225602	44.265	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.540%		
35) Dibromofluoromethane	7.951	113	216949	53.052	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.100%		
50) Toluene-d8	10.380	98	690449	42.906	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	85.820%#		
62) 4-Bromofluorobenzene	12.674	95	242049	43.240	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.480%		
Target Compounds						Qvalue
3) Chloromethane	2.269	50	1396	Below Cal	#	72
6) Chloroethane	2.940	64	1492	Below Cal	#	76
13) Acrolein	3.987	56	339	0.311	ug/l #	77
15) Acrylonitrile	5.504	53	664	0.218	ug/l #	45
18) Methyl Acetate	4.787	43	2144	0.315	ug/l #	64
20) Methylene Chloride	5.010	84	1312	Below Cal	#	56
29) Tetrahydrofuran	7.610	42	595	0.221	ug/l #	37
31) Cyclohexane	8.010	56	7396	0.975	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	27833	4.775	ug/l #	49
38) Carbon Tetrachloride	8.016	117	38897	6.571	ug/l #	18
49) 1,4-Dioxane	9.516	88	108	0.844	ug/l #	1
51) 4-Methyl-2-Pentanone	10.275	43	2093	0.281	ug/l #	85
59) 2-Hexanone	11.027	43	3861	0.685	ug/l	98
74) N-amyl acetate	12.339	43	1861	0.255	ug/l #	84
76) 1,2,3-Trichloropropane	12.674	75	123153	23.745	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	123153	60.390	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.545	75	782	0.521	ug/l #	36
93) 1,2,4-Trichlorobenzene	15.198	180	3455	0.747	ug/l	85
95) Naphthalene	15.439	128	17280	1.151	ug/l	97
96) 1,2,3-Trichlorobenzene	15.627	180	4483	0.920	ug/l	89

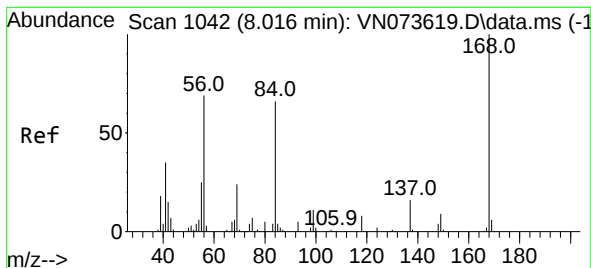
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 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: VN073794.D

Acq: 10 Aug 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

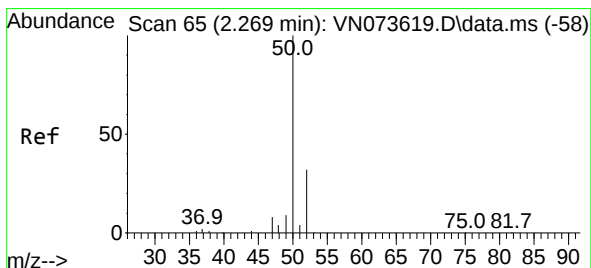
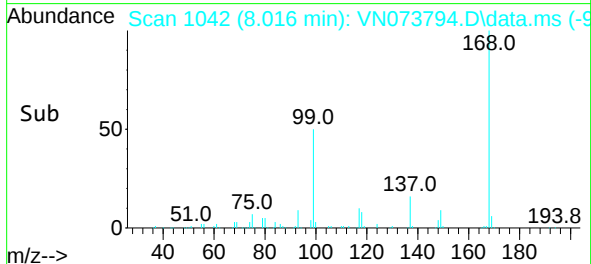
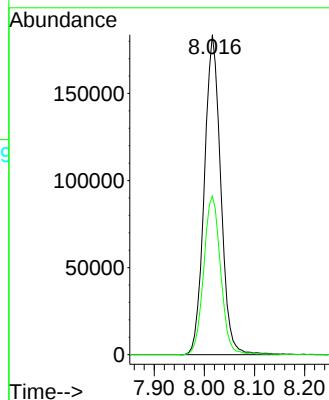
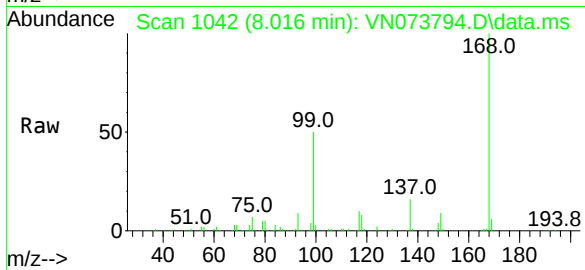
VN0810MBL01

Tgt Ion:168 Resp: 418213

Ion Ratio Lower Upper

168 100

99 49.5 42.3 63.5



#3

Chloromethane

Concen: Below Cal

RT: 2.269 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN073794.D

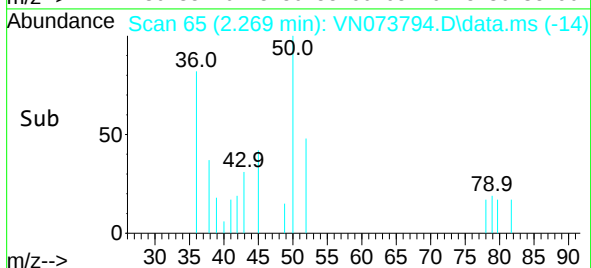
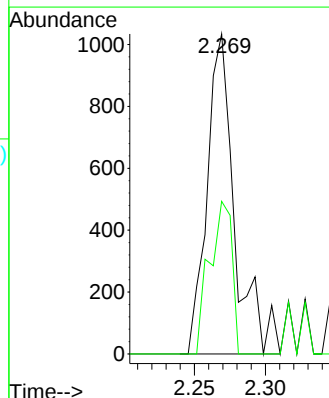
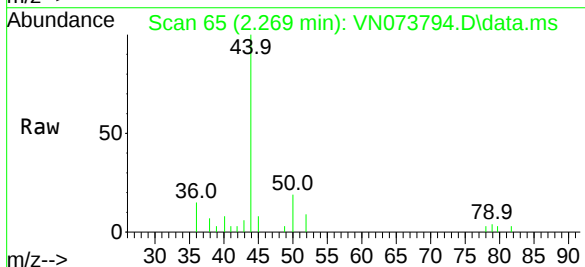
Acq: 10 Aug 2022 12:58

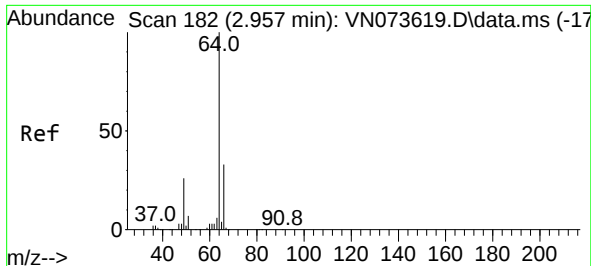
Tgt Ion: 50 Resp: 1396

Ion Ratio Lower Upper

50 100

52 47.7 25.7 38.5#

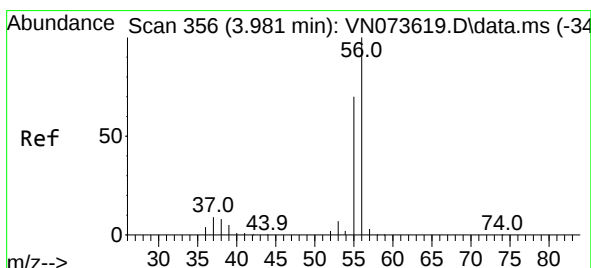
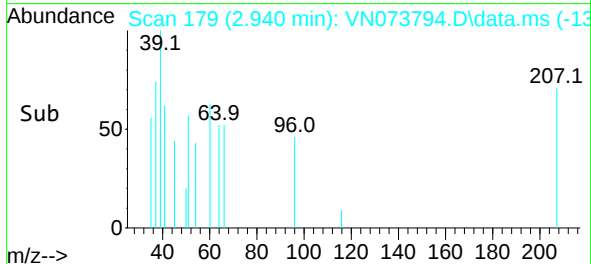
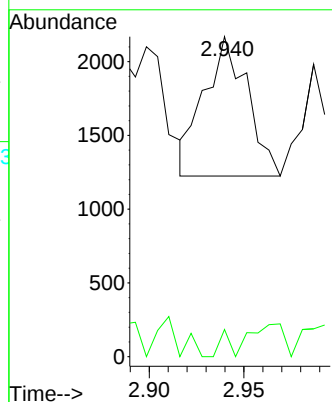
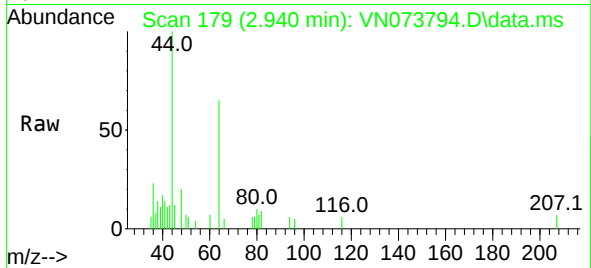




#6
Chloroethane
Concen: Below Cal
RT: 2.940 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

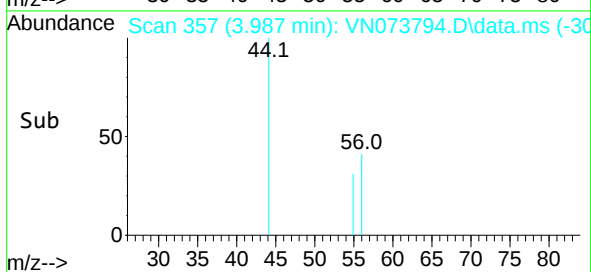
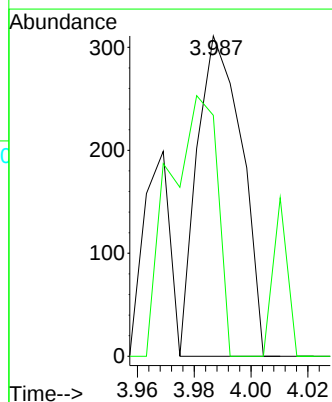
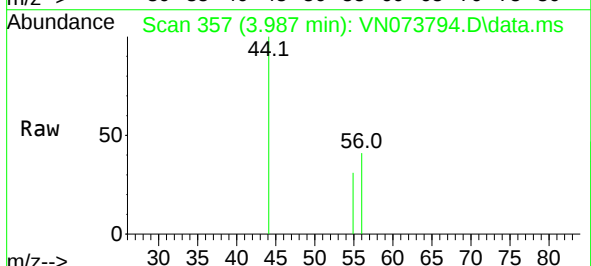
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBL01

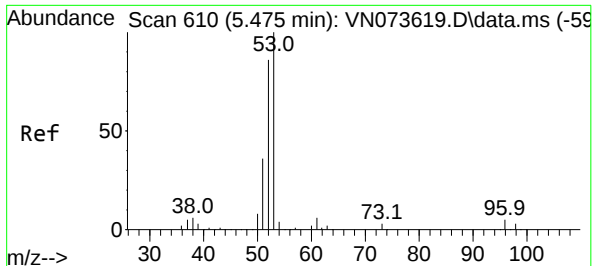
Tgt Ion: 64 Resp: 1492
Ion Ratio Lower Upper
64 100
66 19.5 26.2 39.4#



#13
Acrolein
Concen: 0.311 ug/l
RT: 3.987 min Scan# 357
Delta R.T. 0.006 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

Tgt Ion: 56 Resp: 339
Ion Ratio Lower Upper
56 100
55 87.3 54.8 82.2#

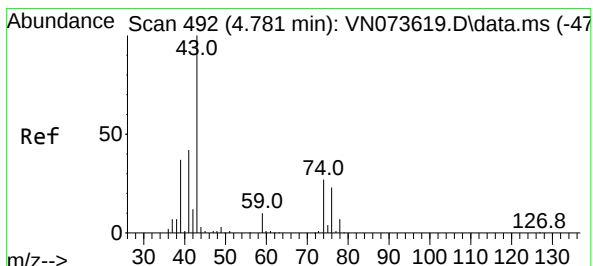
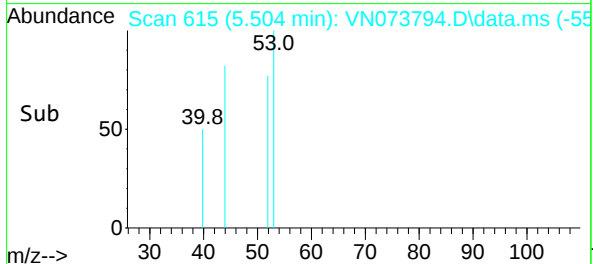
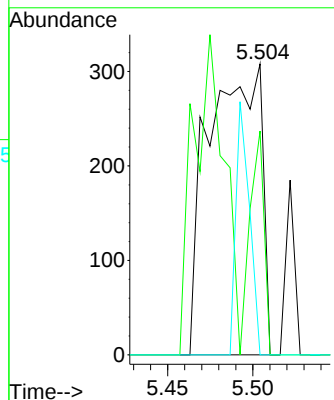
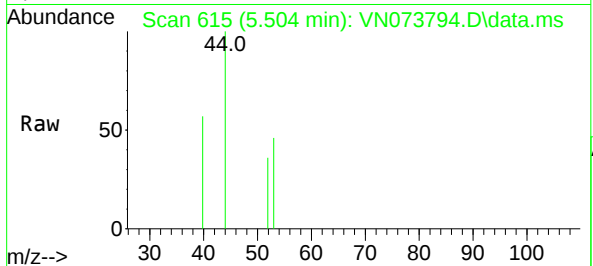




#15
Acrylonitrile
Concen: 0.218 ug/l
RT: 5.504 min Scan# 610
Delta R.T. 0.029 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

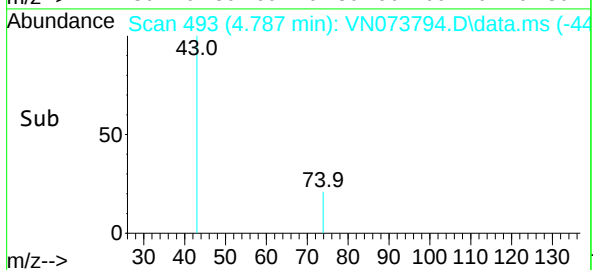
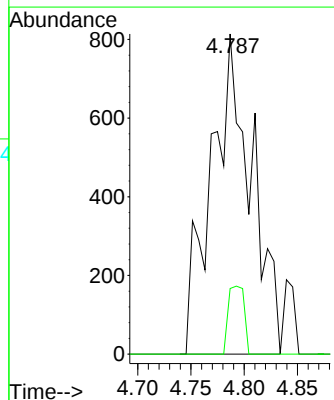
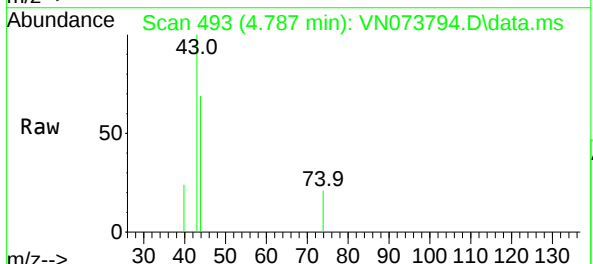
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBL01

Tgt Ion: 53 Resp: 664
Ion Ratio Lower Upper
53 100
52 20.8 66.4 99.6#
51 22.3 28.5 42.7#



#18
Methyl Acetate
Concen: 0.315 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

Tgt Ion: 43 Resp: 2144
Ion Ratio Lower Upper
43 100
74 8.3 21.6 32.4#

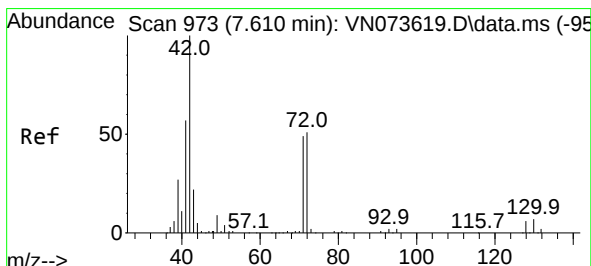
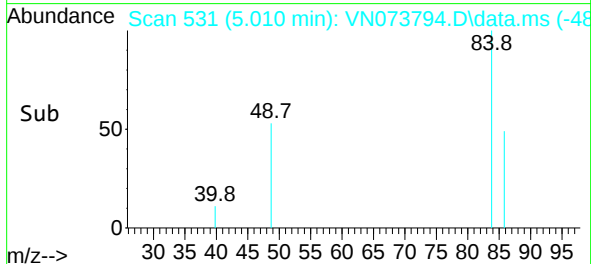
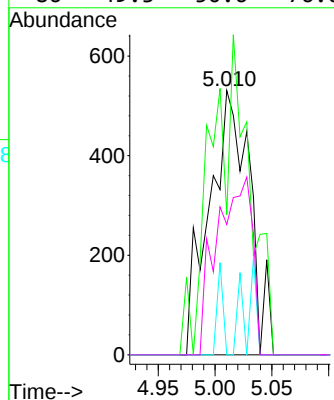
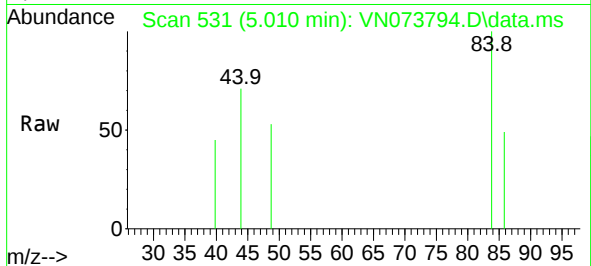




#20
Methylene Chloride
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

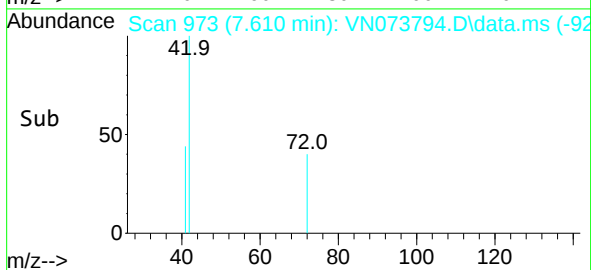
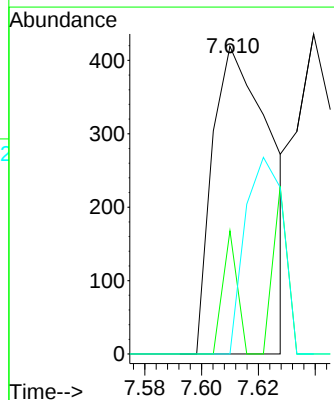
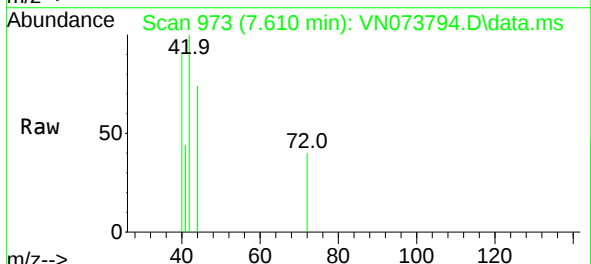
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBL01

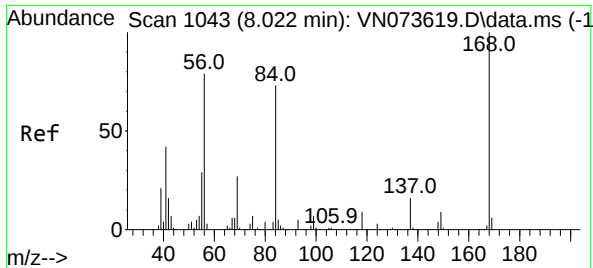
Tgt Ion:	84	Resp:	1312
Ion	Ratio	Lower	Upper
84	100		
49	52.9	88.3	132.5#
51	0.0	28.2	42.2#
86	49.3	50.6	76.0#



#29
Tetrahydrofuran
Concen: 0.221 ug/l
RT: 7.610 min Scan# 973
Delta R.T. 0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

Tgt Ion:	42	Resp:	595
Ion	Ratio	Lower	Upper
42	100		
72	9.9	39.7	59.5#
71	0.0	36.6	55.0#

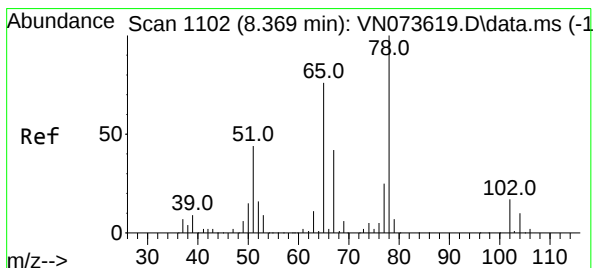
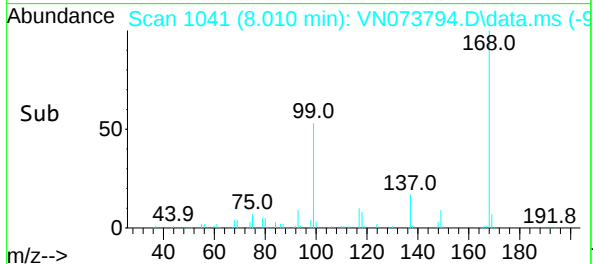
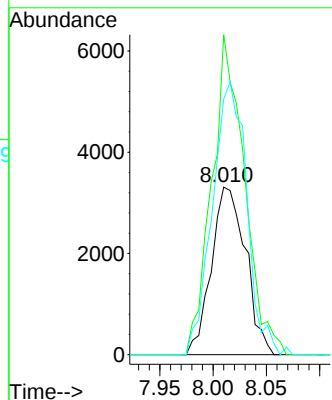
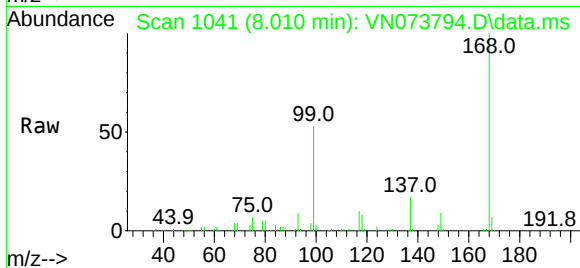




#31
Cyclohexane
Concen: 0.975 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

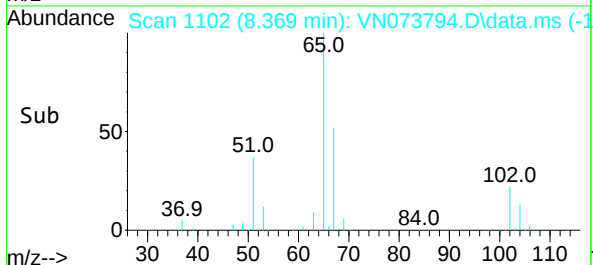
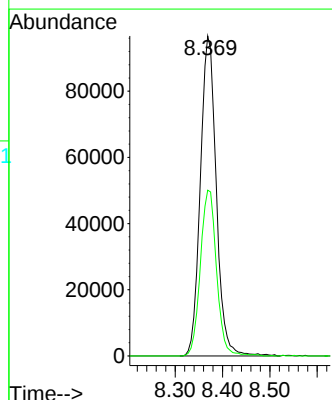
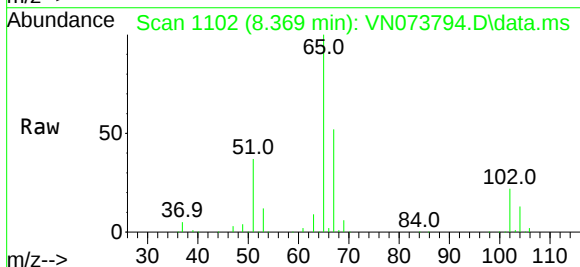
Instrument :
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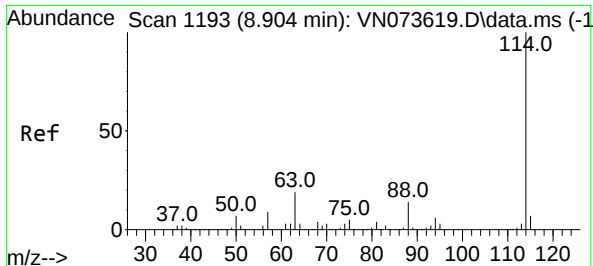
Tgt Ion: 56 Resp: 7396
Ion Ratio Lower Upper
56 100
69 190.9 27.8 41.8#
84 152.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 44.265 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

Tgt Ion: 65 Resp: 225602
Ion Ratio Lower Upper
65 100
67 52.4 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: VN073794.D

Acq: 10 Aug 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0810MBL01

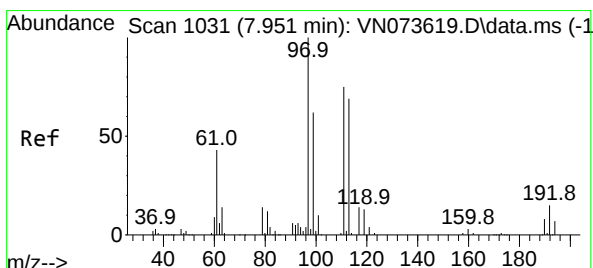
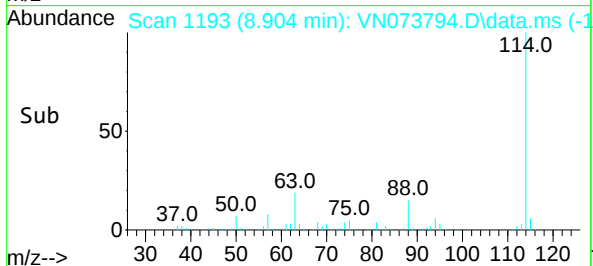
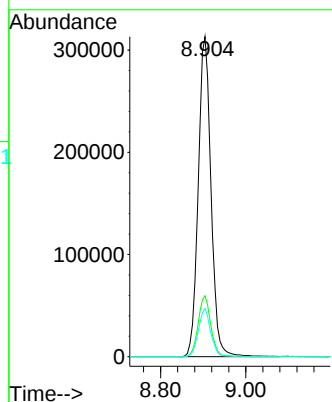
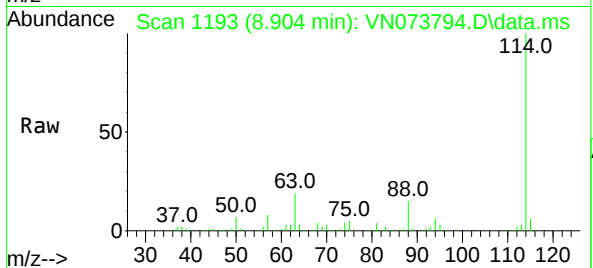
Tgt Ion:114 Resp: 651243

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.052 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073794.D

Acq: 10 Aug 2022 12:58

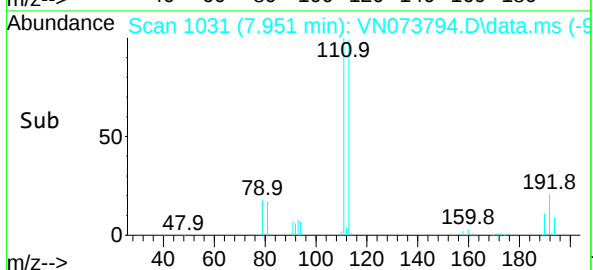
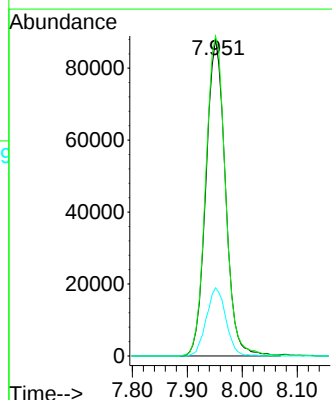
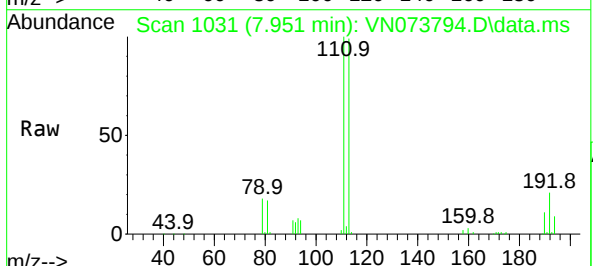
Tgt Ion:113 Resp: 216949

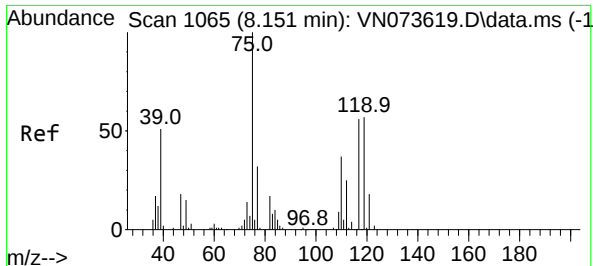
Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 21.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.775 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073794.D

Acq: 10 Aug 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0810MBL01

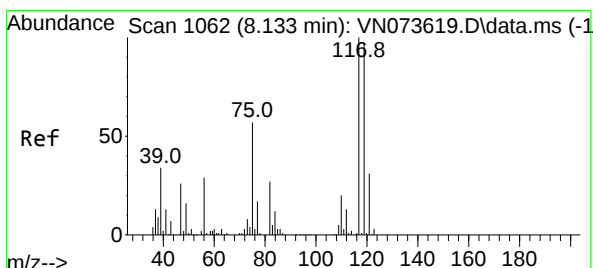
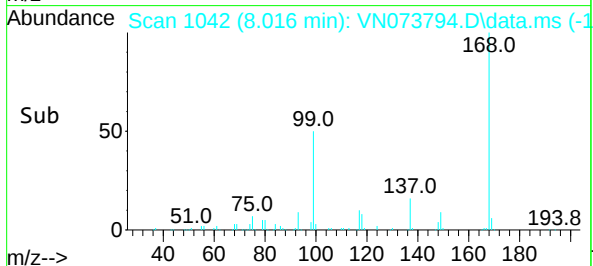
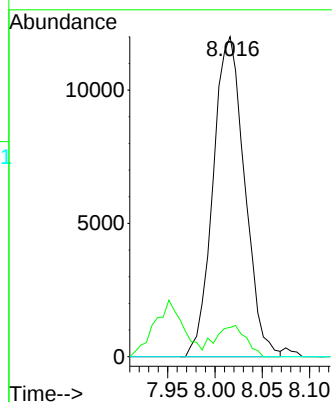
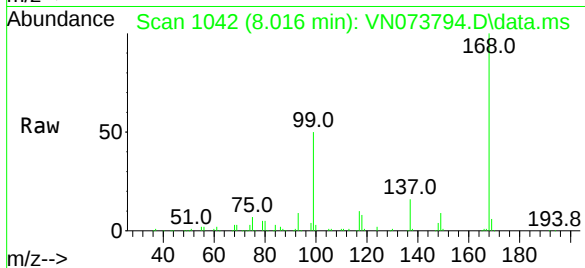
Tgt Ion: 75 Resp: 27833

Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.571 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073794.D

Acq: 10 Aug 2022 12:58

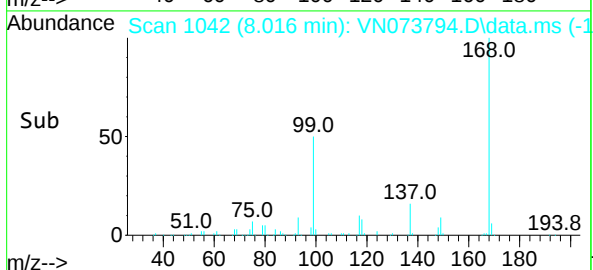
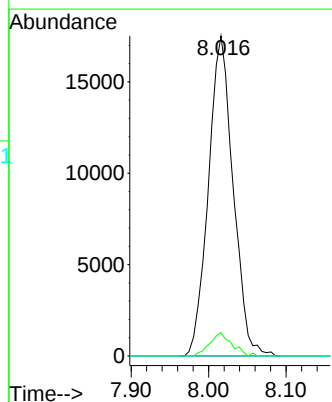
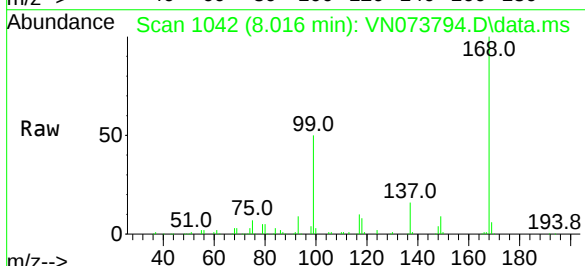
Tgt Ion: 117 Resp: 38897

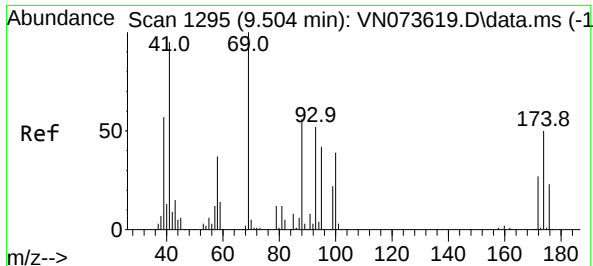
Ion Ratio Lower Upper

117 100

119 7.3 75.8 113.8#

121 0.0 24.6 37.0#





#49

1,4-Dioxane

Concen: 0.844 ug/l

RT: 9.516 min Scan# 1295

Delta R.T. 0.012 min

Lab File: VN073794.D

Acq: 10 Aug 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0810MBL01

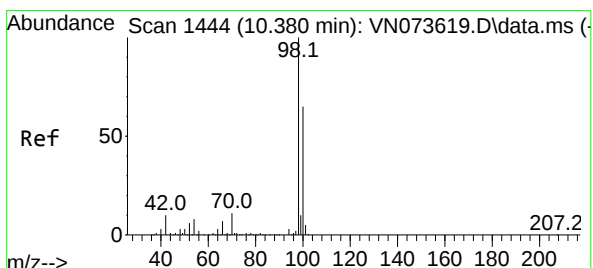
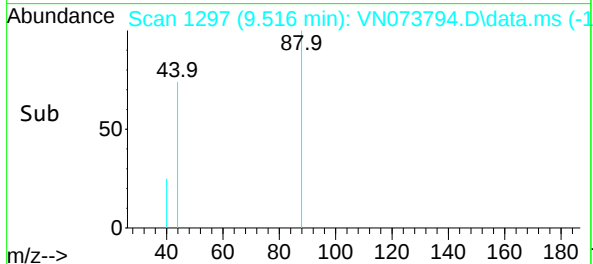
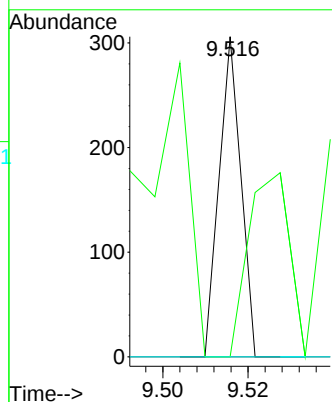
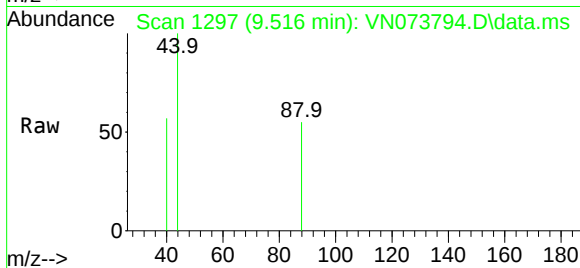
Tgt Ion: 88 Resp: 108

Ion Ratio Lower Upper

88 100

43 109.3 20.2 30.4#

58 0.0 54.2 81.4#



#50

Toluene-d8

Concen: 42.906 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073794.D

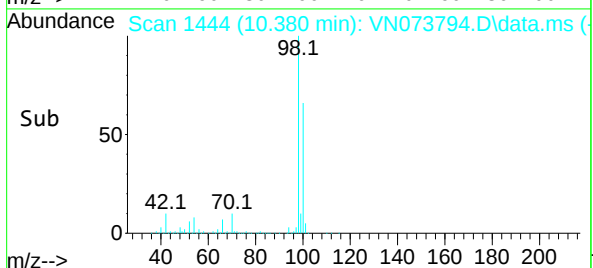
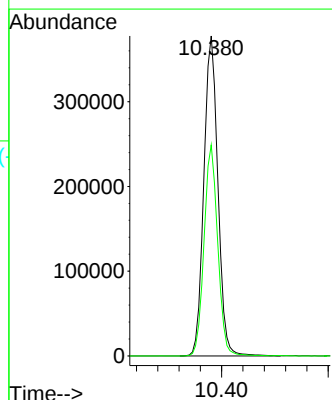
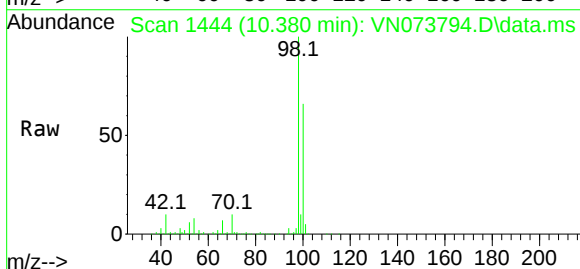
Acq: 10 Aug 2022 12:58

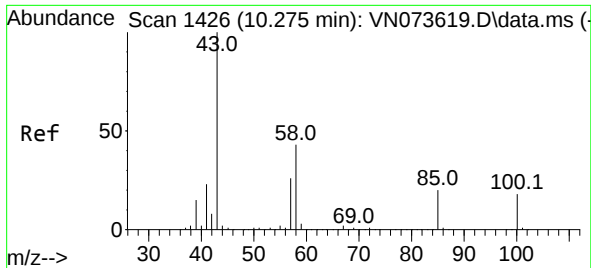
Tgt Ion: 98 Resp: 690449

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8

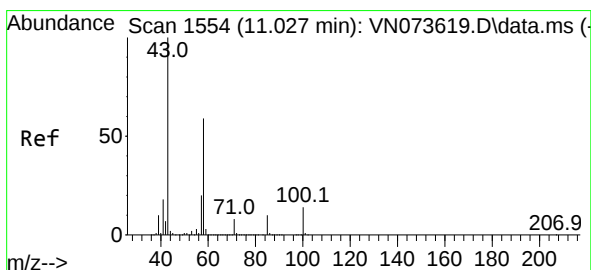
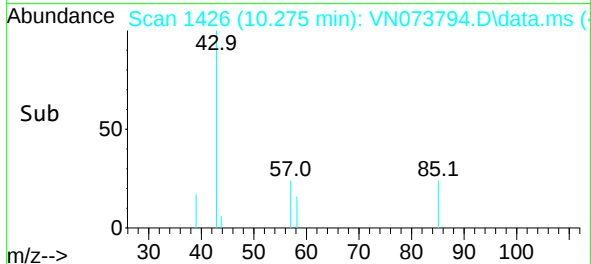
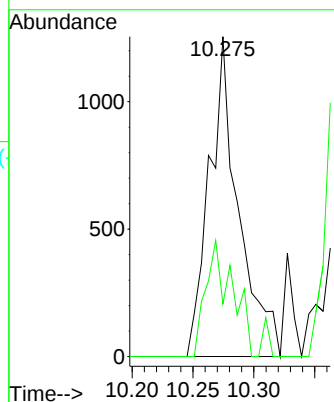
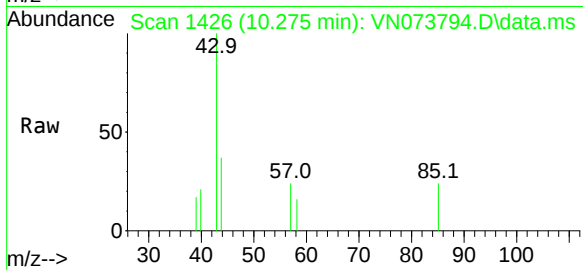




#51
4-Methyl-2-Pentanone
Concen: 0.281 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

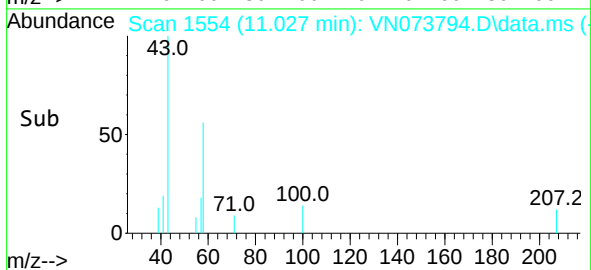
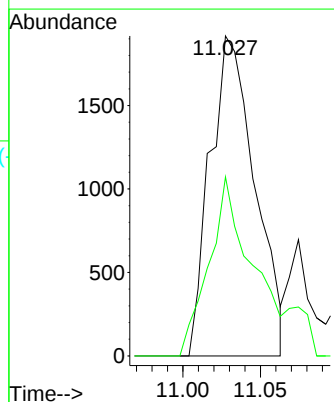
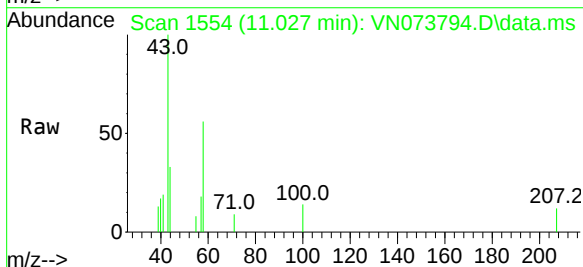
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBL01

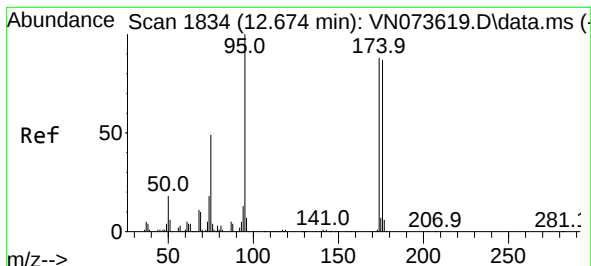
Tgt Ion: 43 Resp: 2093
Ion Ratio Lower Upper
43 100
58 33.1 34.1 51.1#



#59
2-Hexanone
Concen: 0.685 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

Tgt Ion: 43 Resp: 3861
Ion Ratio Lower Upper
43 100
58 60.8 29.7 89.1

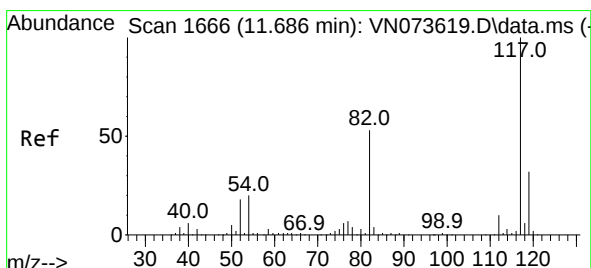
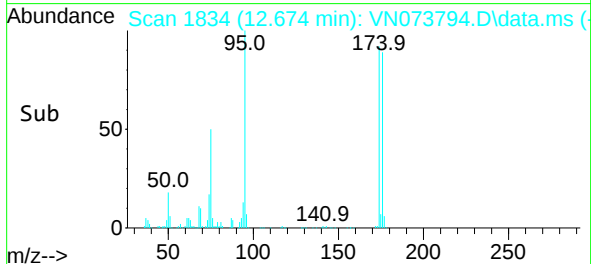
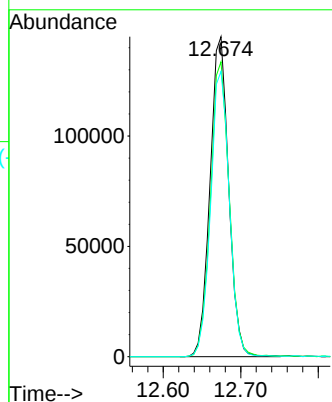
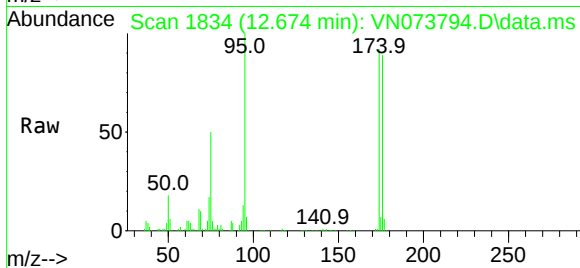




#62
4-Bromofluorobenzene
Concen: 43.240 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

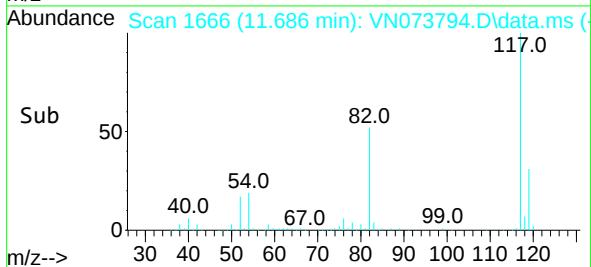
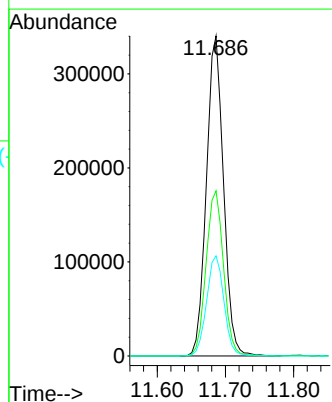
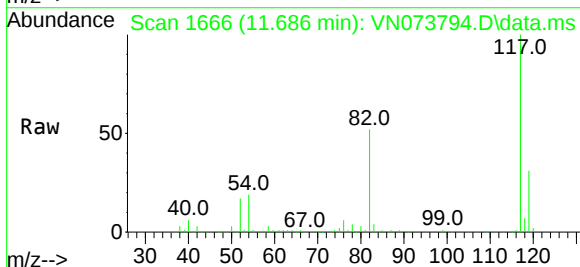
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBL01

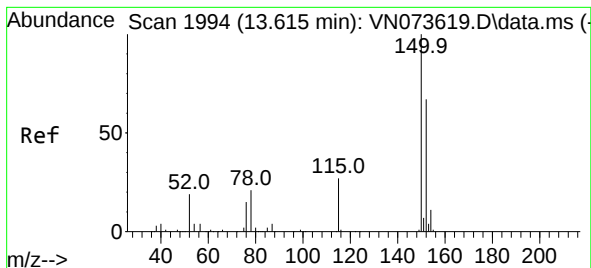
Tgt Ion: 95 Resp: 242049
Ion Ratio Lower Upper
95 100
174 92.8 0.0 167.6
176 89.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

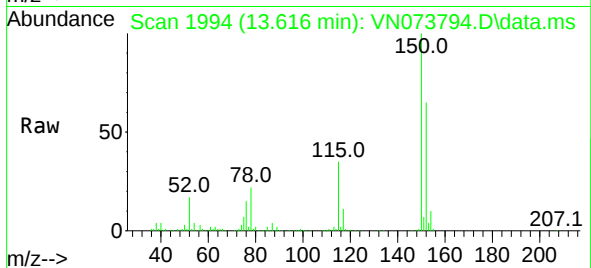
Tgt Ion: 117 Resp: 594474
Ion Ratio Lower Upper
117 100
82 51.6 44.2 66.2
119 31.3 25.4 38.0



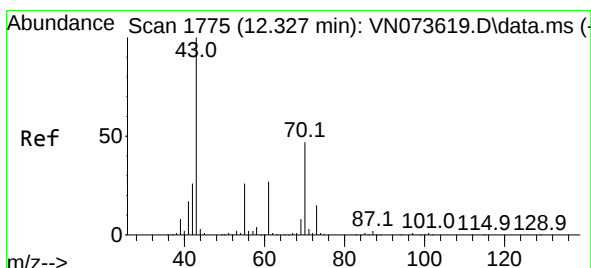
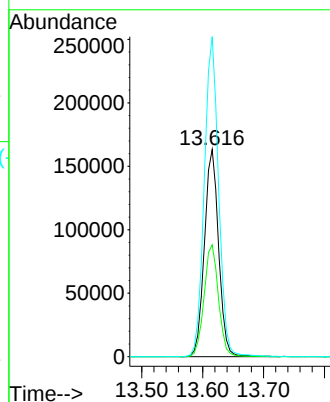
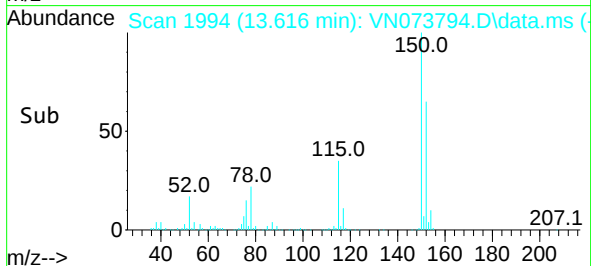


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

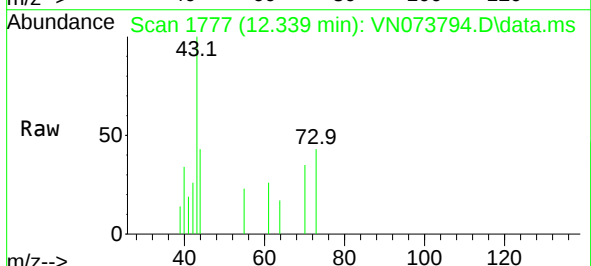
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBL01



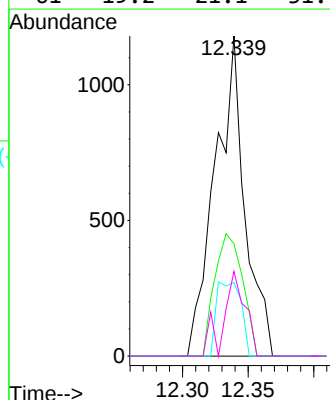
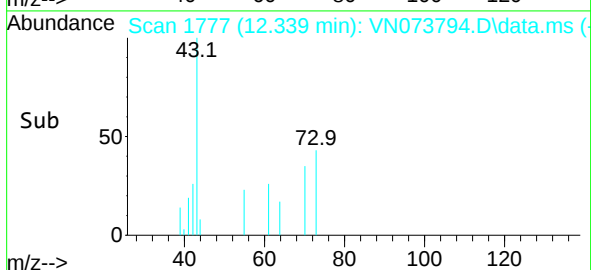
Tgt Ion:152 Resp: 264279
Ion Ratio Lower Upper
152 100
115 54.7 28.9 86.7
150 155.4 0.0 356.2

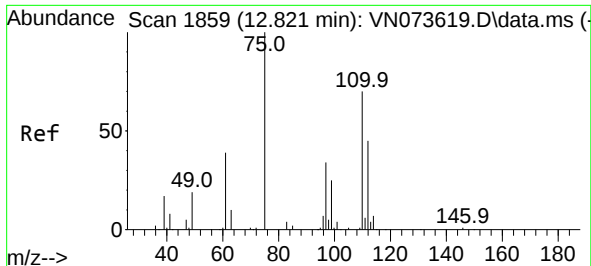


#74
N-ethyl acetate
Concen: 0.255 ug/l
RT: 12.339 min Scan# 1777
Delta R.T. 0.012 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58



Tgt Ion: 43 Resp: 1861
Ion Ratio Lower Upper
43 100
70 35.9 39.0 58.4#
55 19.0 21.1 31.7#
61 19.2 21.1 31.7#

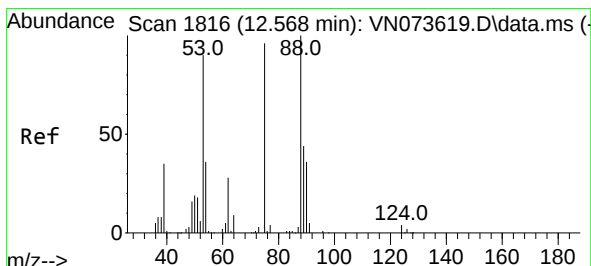
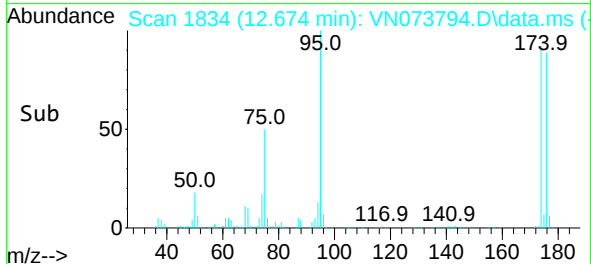
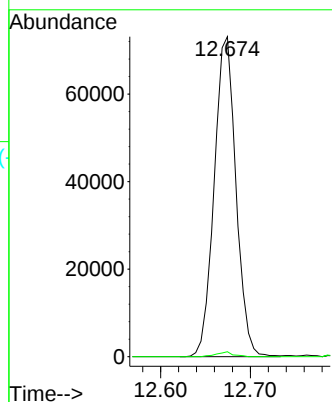
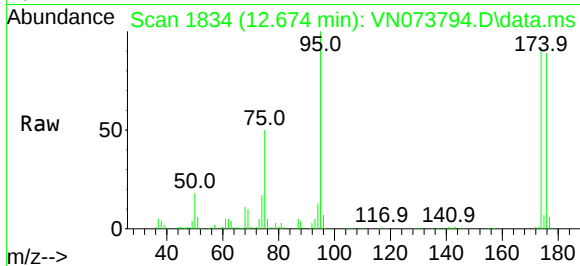




#76
1,2,3-Trichloropropane
Concen: 23.745 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

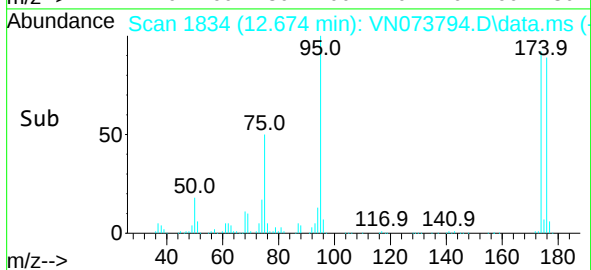
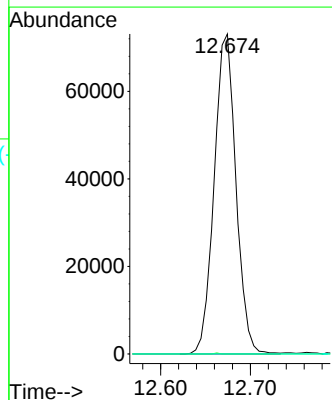
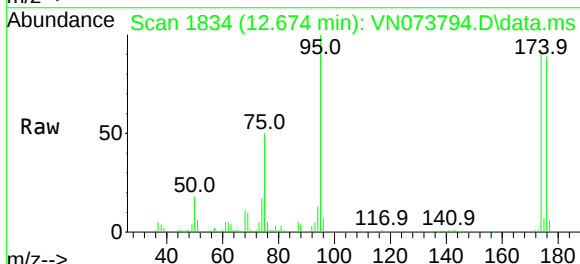
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBL01

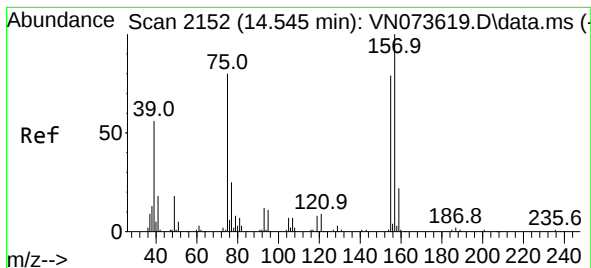
Tgt Ion: 75 Resp: 123153
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.390 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

Tgt Ion: 75 Resp: 123153
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

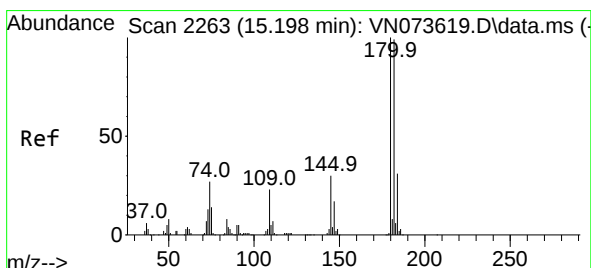
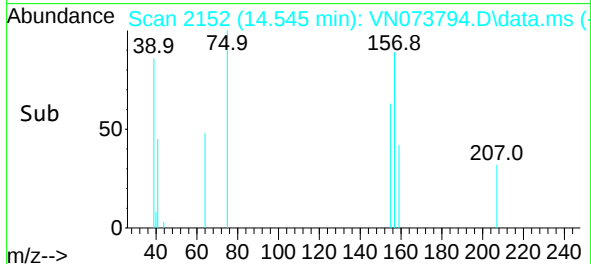
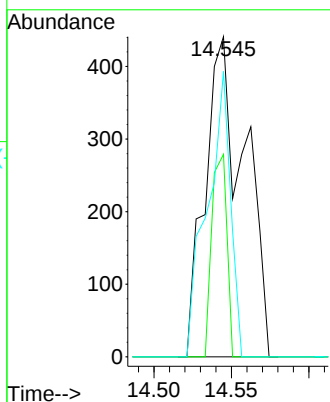
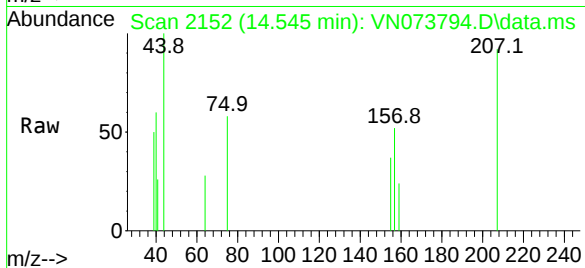




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.521 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

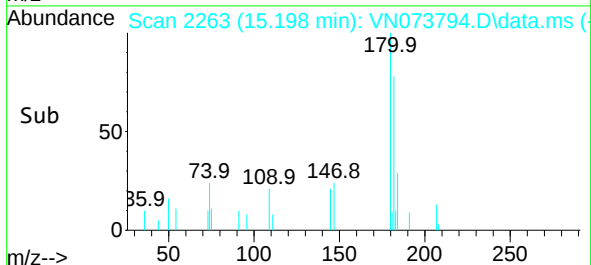
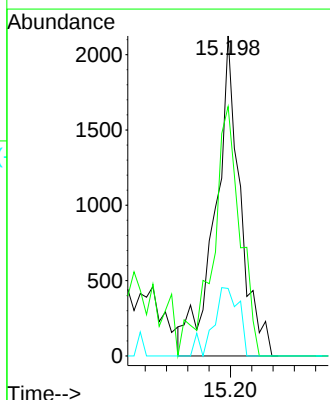
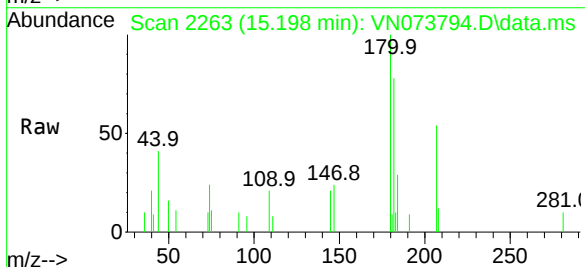
Instrument :
MSVOA_N
ClientSampleId :
VN0810MBL01

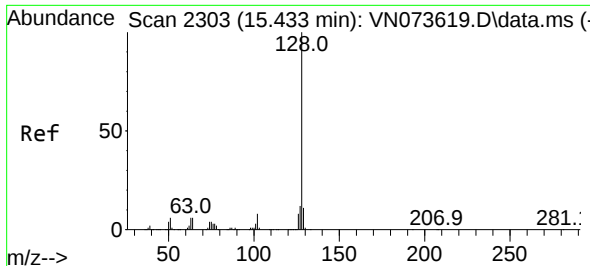
Tgt Ion: 75 Resp: 782
Ion Ratio Lower Upper
75 100
155 24.0 44.9 134.5#
157 52.6 59.0 176.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.747 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

Tgt Ion: 180 Resp: 3455
Ion Ratio Lower Upper
180 100
182 80.1 47.5 142.5
145 21.6 14.5 43.5

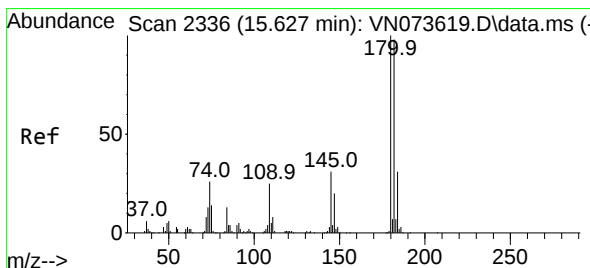
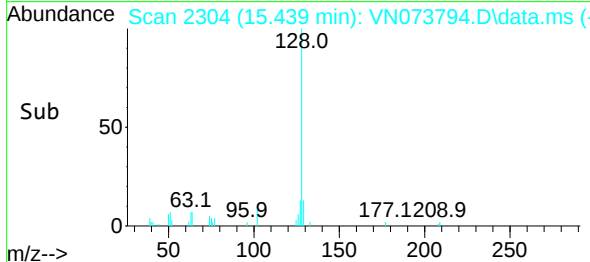
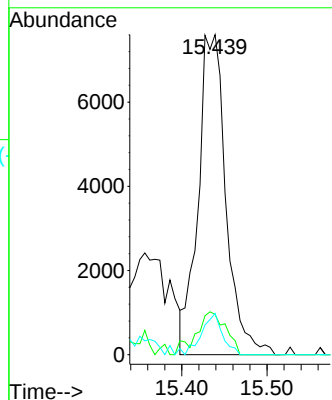
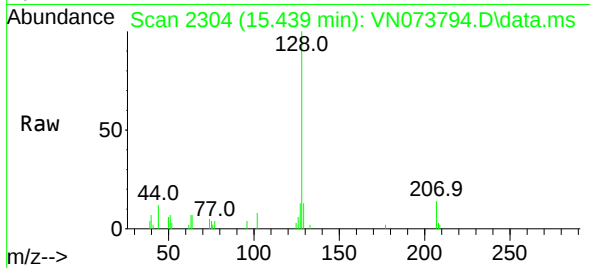




#95
Naphthalene
Concen: 1.151 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0810MBL01

Tgt Ion:128 Resp: 17280
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 9.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.920 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073794.D
Acq: 10 Aug 2022 12:58

Tgt Ion:180 Resp: 4483
Ion Ratio Lower Upper
180 100
182 85.5 47.8 143.3
145 23.4 15.5 46.5

