

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080922\
 Data File : VN073779.D
 Acq On : 09 Aug 2022 10:45
 Operator : JC\MD
 Sample : VN0809MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809MBL01

Quant Time: Aug 09 21:04:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

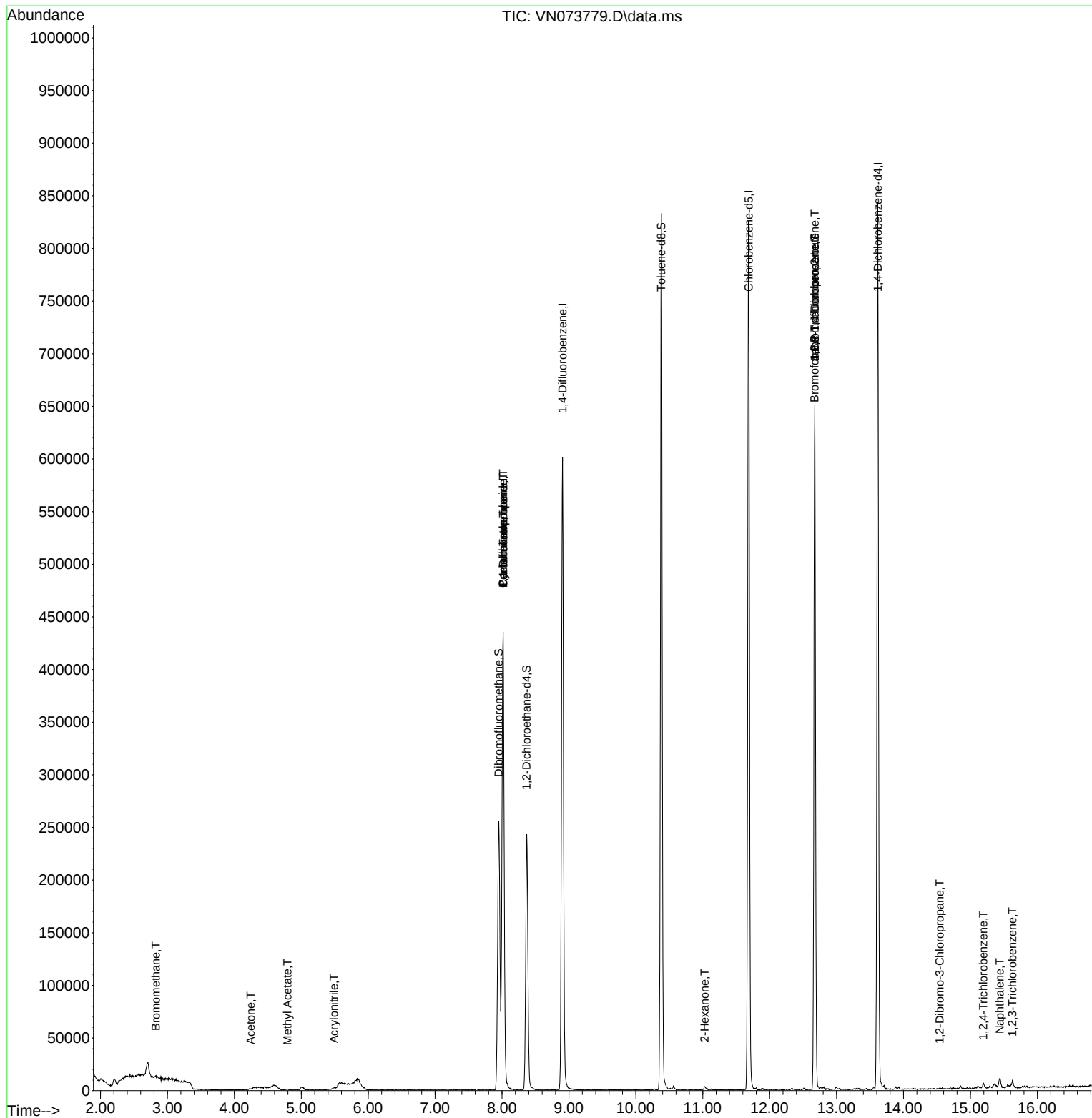
Internal Standards						
1) Pentafluorobenzene	8.016	168	357103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	554488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	517087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	240493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	199133	45.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.520%		
35) Dibromofluoromethane	7.951	113	189754	54.498	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.000%		
50) Toluene-d8	10.381	98	590987	43.133	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.260%		
62) 4-Bromofluorobenzene	12.675	95	212245	46.925	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.840%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	947	Below Cal	#	82
5) Bromomethane	2.828	94	1763	0.502	ug/l	88
6) Chloroethane	2.910	64	772	Below Cal		90
15) Acrylonitrile	5.487	53	626	0.241	ug/l #	64
16) Acetone	4.246	43	1657	0.709	ug/l #	42
18) Methyl Acetate	4.793	43	1245	0.214	ug/l #	56
20) Methylene Chloride	4.999	84	2698	Below Cal	#	80
31) Cyclohexane	8.016	56	6571	1.014	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	24448	4.927	ug/l #	48
38) Carbon Tetrachloride	8.016	117	33961	6.738	ug/l #	19
59) 2-Hexanone	11.028	43	2926	0.610	ug/l	90
71) Bromoform	12.669	173	1326	0.408	ug/l #	28
76) 1,2,3-Trichloropropane	12.675	75	109467	23.113	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.675	75	109467	58.988	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.539	75	288	0.211	ug/l #	52
93) 1,2,4-Trichlorobenzene	15.192	180	2238	0.531	ug/l	88
95) Naphthalene	15.439	128	10661	0.780	ug/l	96
96) 1,2,3-Trichlorobenzene	15.627	180	2729	0.616	ug/l	92

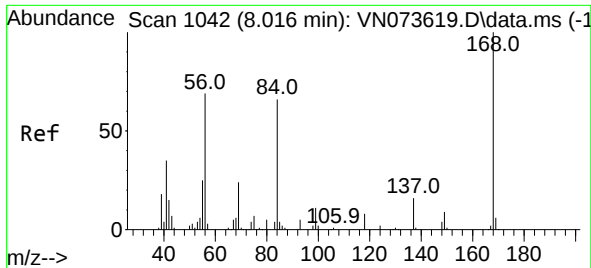
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN073779.D
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Sample : VN0809MBL01
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

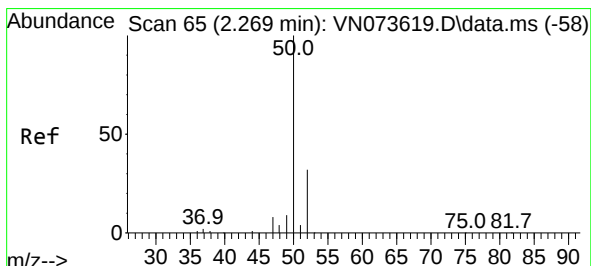
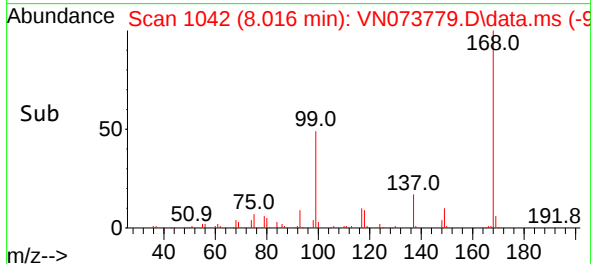
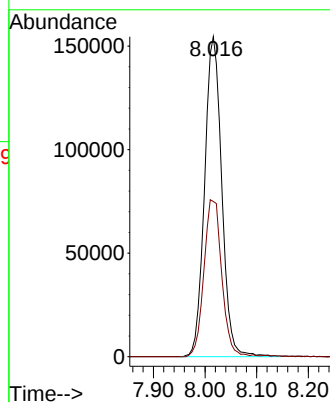
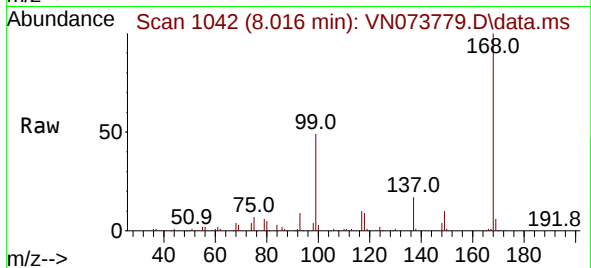




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

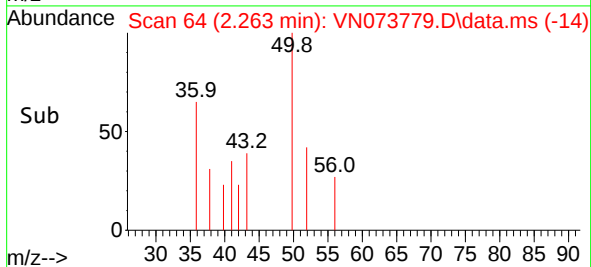
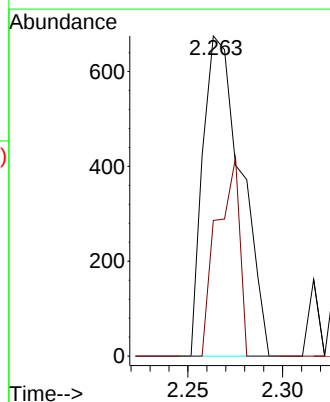
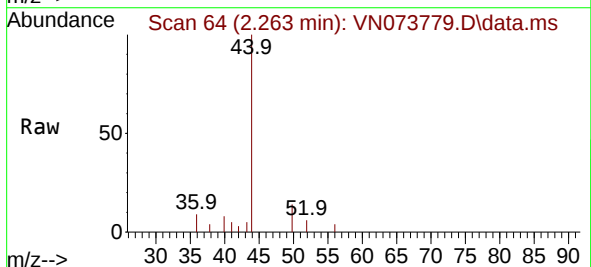
Instrument :
MSVOA_N
ClientSampleId :
VN0809MBL01

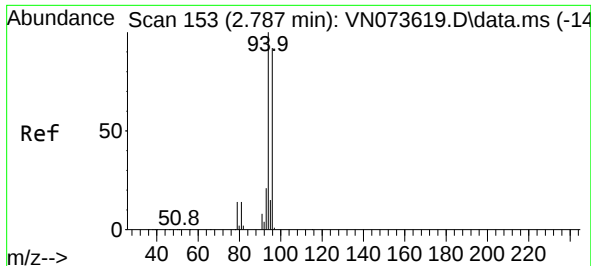
Tgt Ion:168 Resp: 357103
Ion Ratio Lower Upper
168 100
99 48.5 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

Tgt Ion: 50 Resp: 947
Ion Ratio Lower Upper
50 100
52 42.4 25.7 38.5#

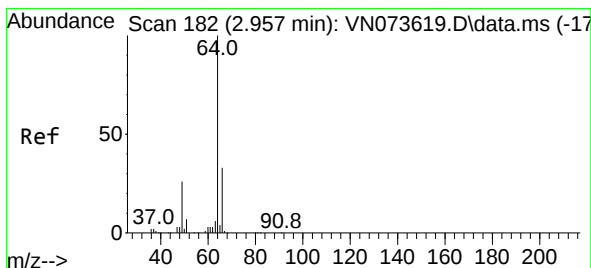
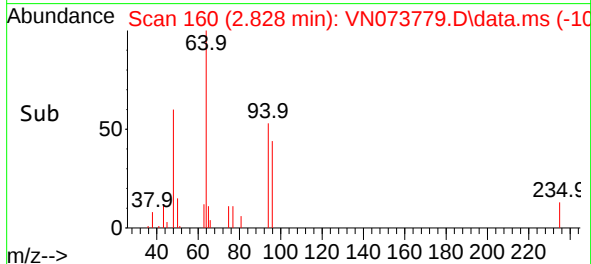
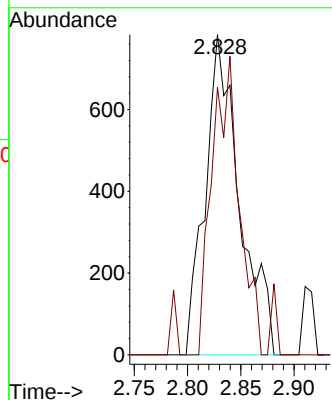
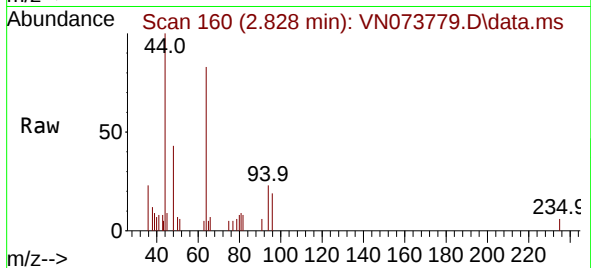




#5
Bromomethane
Concen: 0.502 ug/l
RT: 2.828 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

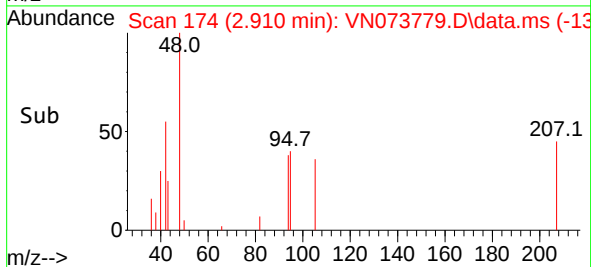
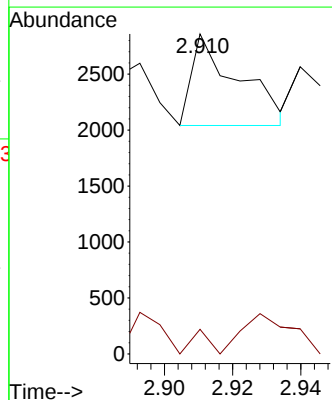
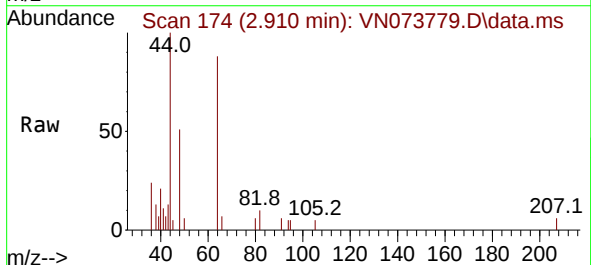
Instrument :
MSVOA_N
ClientSampleId :
VN0809MBL01

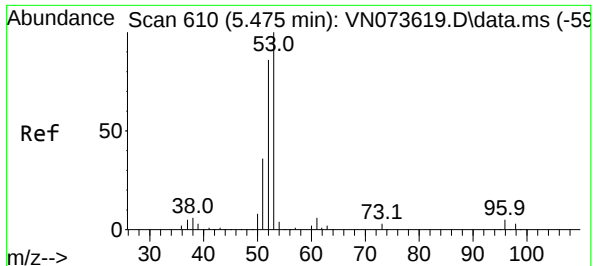
Tgt Ion: 94 Resp: 1763
Ion Ratio Lower Upper
94 100
96 83.5 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 2.910 min Scan# 174
Delta R.T. -0.047 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

Tgt Ion: 64 Resp: 772
Ion Ratio Lower Upper
64 100
66 26.9 26.2 39.4

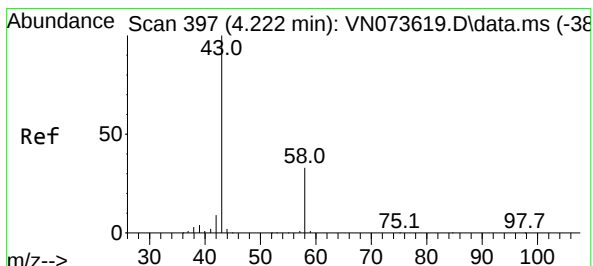
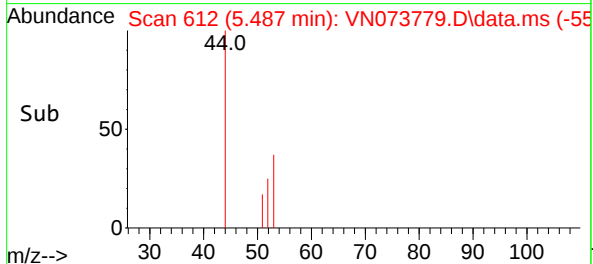
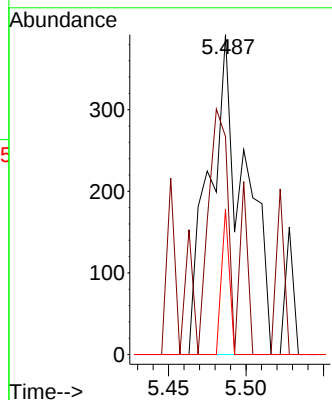
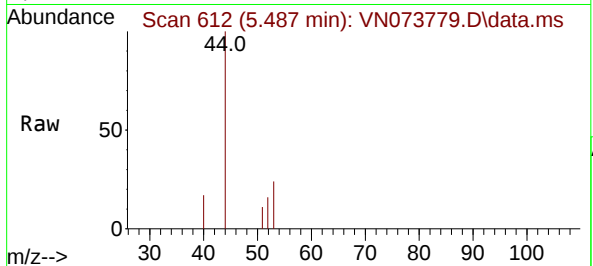




#15
Acrylonitrile
Concen: 0.241 ug/l
RT: 5.487 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

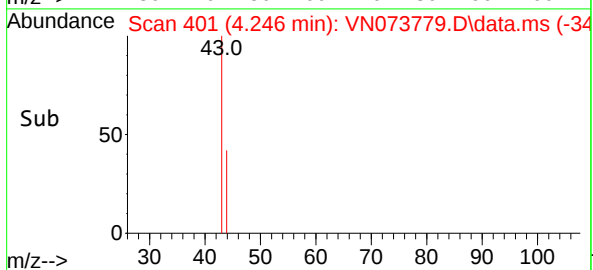
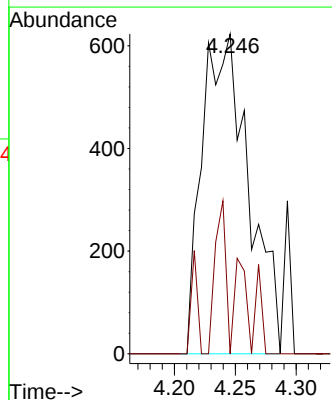
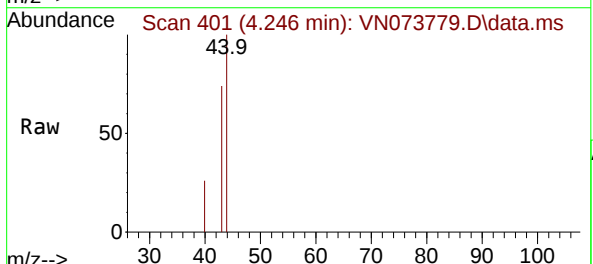
Instrument :
MSVOA_N
ClientSampleId :
VN0809MBL01

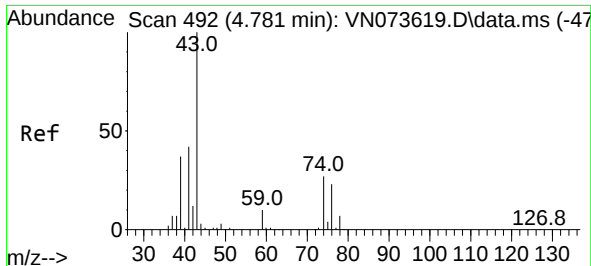
Tgt Ion: 53 Resp: 626
Ion Ratio Lower Upper
53 100
52 53.2 66.4 99.6#
51 10.1 28.5 42.7#



#16
Acetone
Concen: 0.709 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

Tgt Ion: 43 Resp: 1657
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





#18

Methyl Acetate

Concen: 0.214 ug/l

RT: 4.793 min Scan# 49

Delta R.T. 0.012 min

Lab File: VN073779.D

Acq: 09 Aug 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

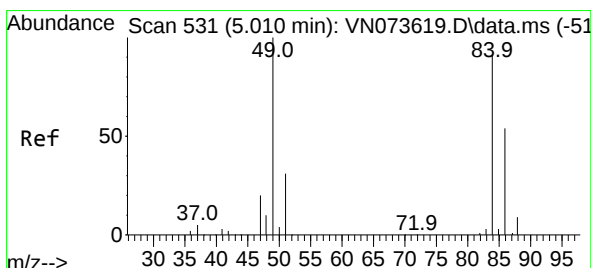
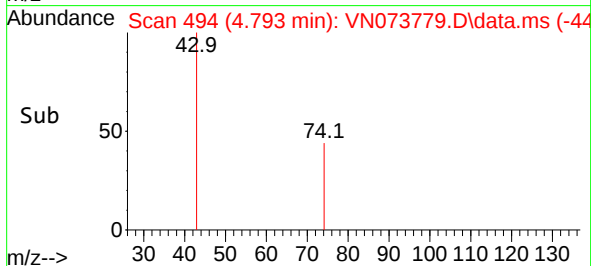
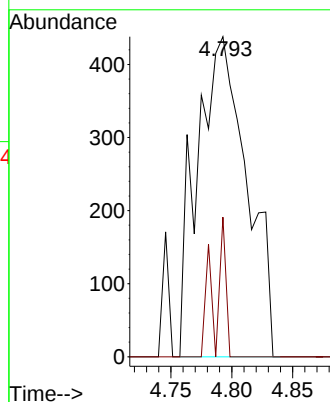
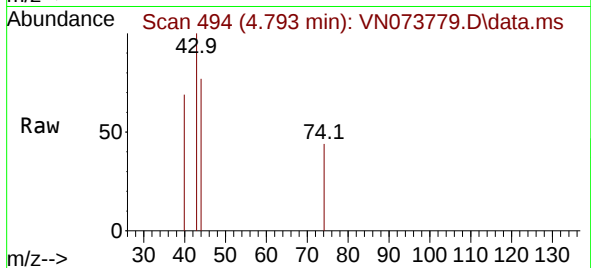
VN0809MBL01

Tgt Ion: 43 Resp: 1245

Ion Ratio Lower Upper

43 100

74 4.3 21.6 32.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.999 min Scan# 529

Delta R.T. -0.011 min

Lab File: VN073779.D

Acq: 09 Aug 2022 10:45

Tgt Ion: 84 Resp: 2698

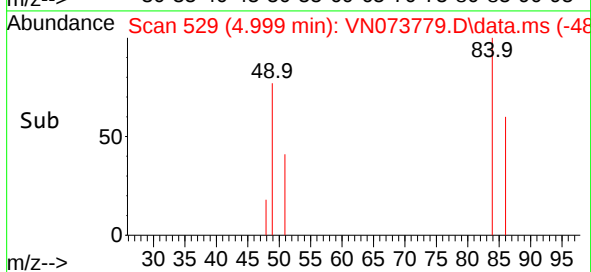
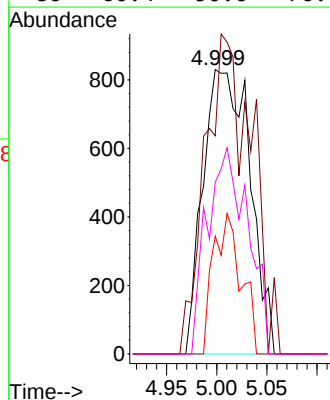
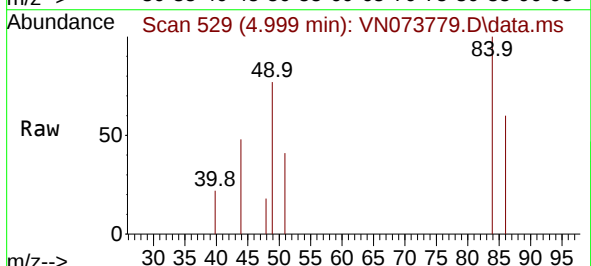
Ion Ratio Lower Upper

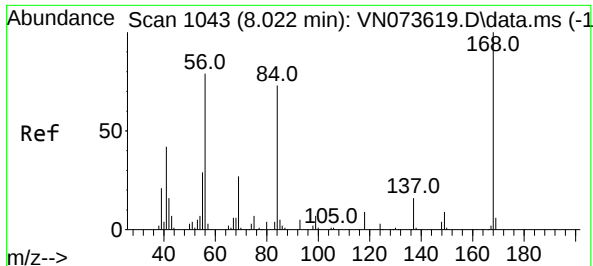
84 100

49 76.7 88.3 132.5#

51 41.4 28.2 42.2

86 60.4 50.6 76.0

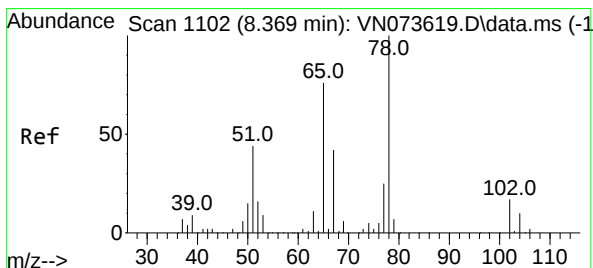
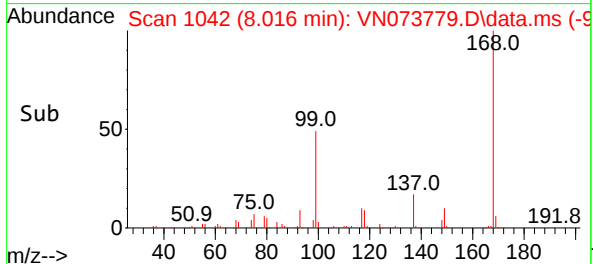
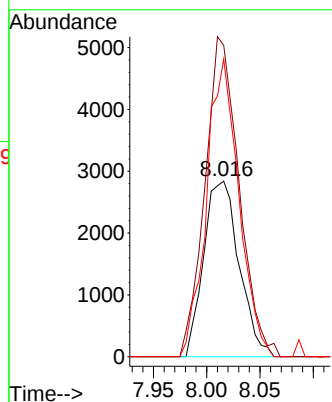
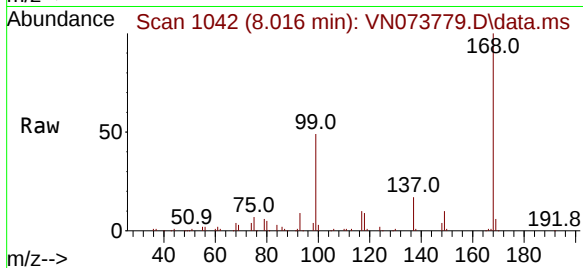




#31
Cyclohexane
Concen: 1.014 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

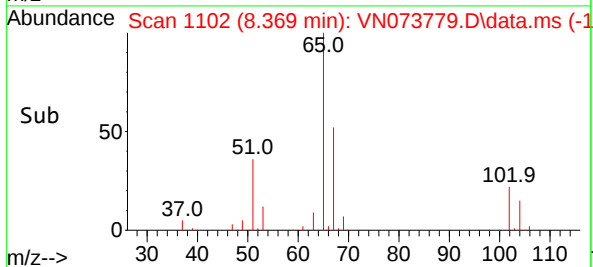
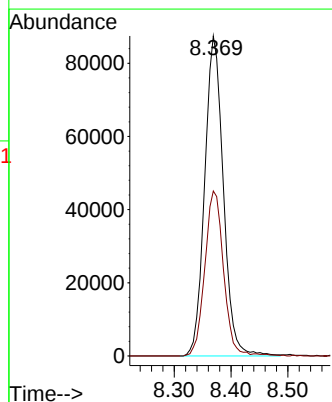
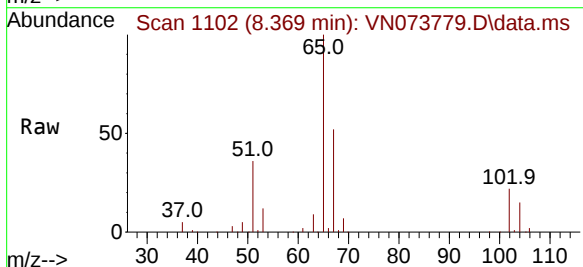
Instrument :
MSVOA_N
ClientSampleId :
VN0809MBL01

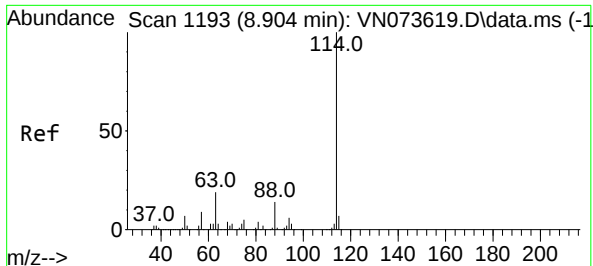
Tgt Ion: 56 Resp: 6571
Ion Ratio Lower Upper
56 100
69 177.5 27.8 41.8#
84 169.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 45.758 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

Tgt Ion: 65 Resp: 199133
Ion Ratio Lower Upper
65 100
67 51.9 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: VN073779.D

Acq: 09 Aug 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0809MBL01

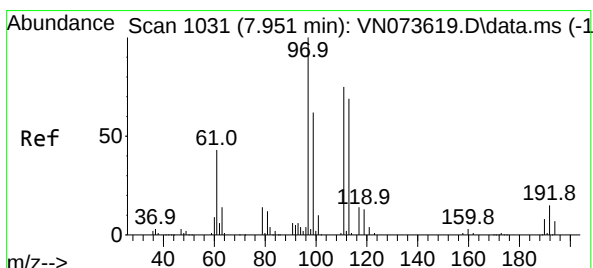
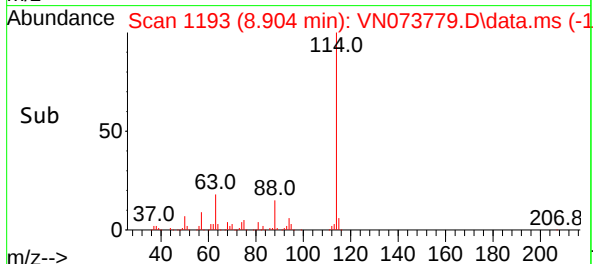
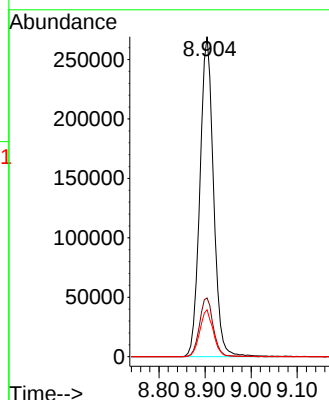
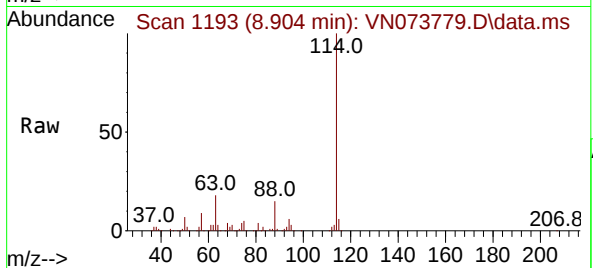
Tgt Ion:114 Resp: 554488

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.498 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073779.D

Acq: 09 Aug 2022 10:45

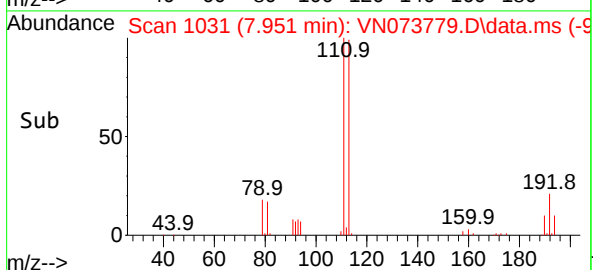
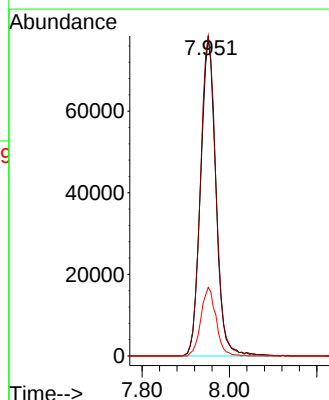
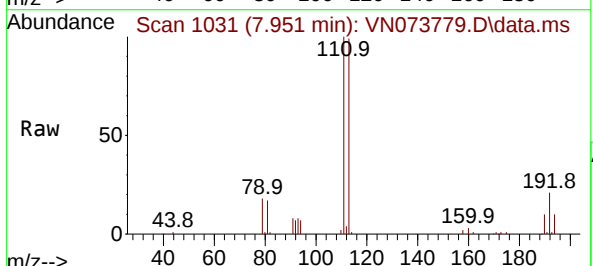
Tgt Ion:113 Resp: 189754

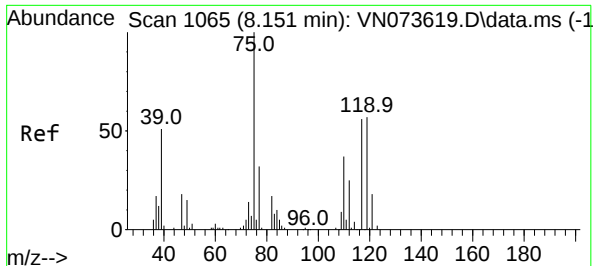
Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 21.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.927 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073779.D

Acq: 09 Aug 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0809MBL01

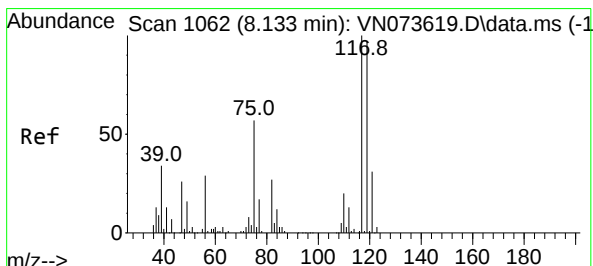
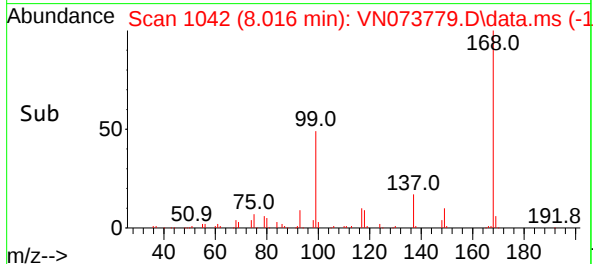
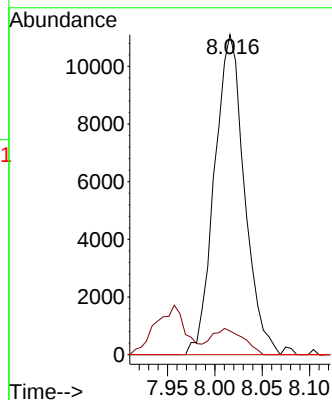
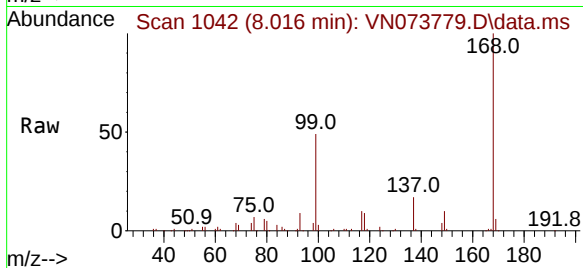
Tgt Ion: 75 Resp: 24448

Ion Ratio Lower Upper

75 100

110 8.7 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.738 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073779.D

Acq: 09 Aug 2022 10:45

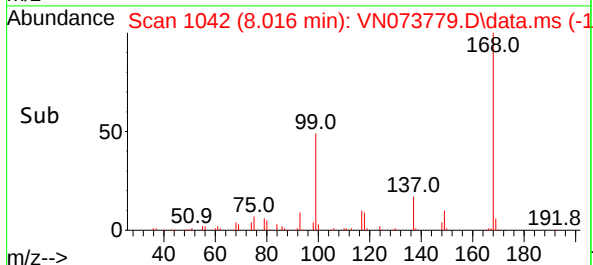
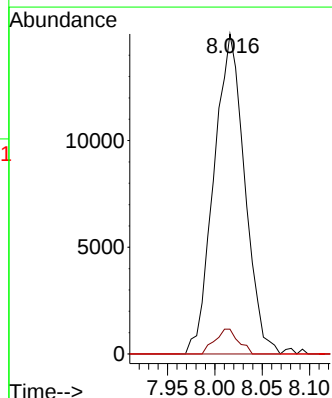
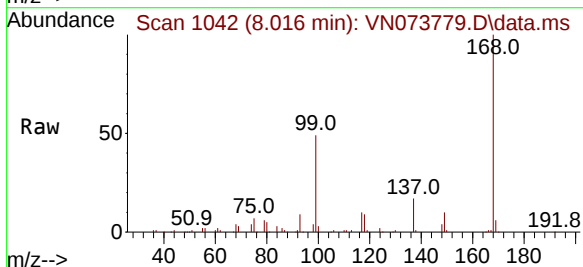
Tgt Ion: 117 Resp: 33961

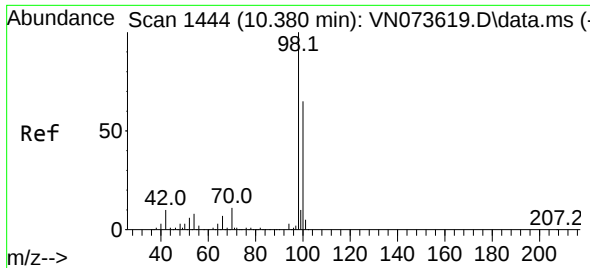
Ion Ratio Lower Upper

117 100

119 7.8 75.8 113.8#

121 0.0 24.6 37.0#

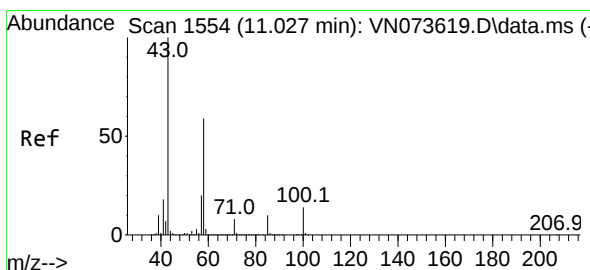
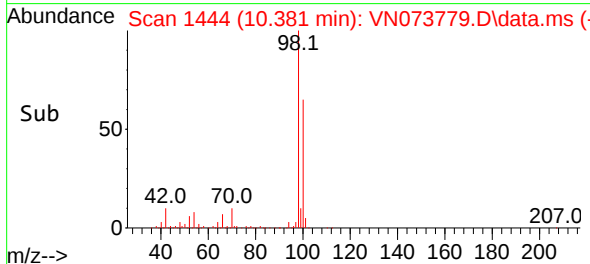
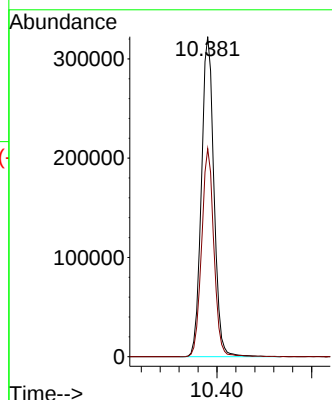
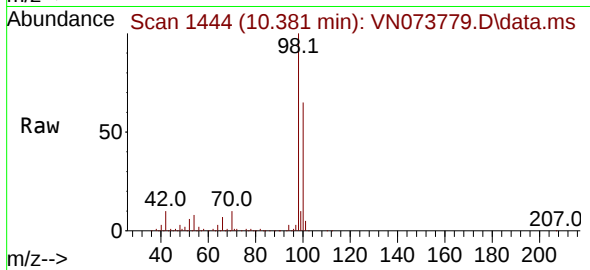




#50
Toluene-d8
Concen: 43.133 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

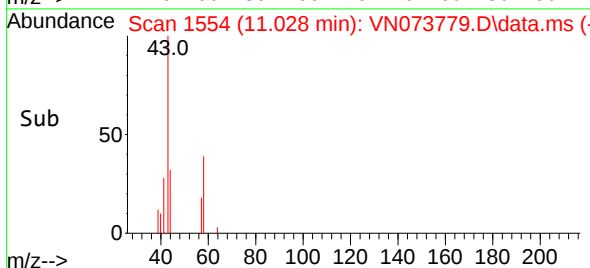
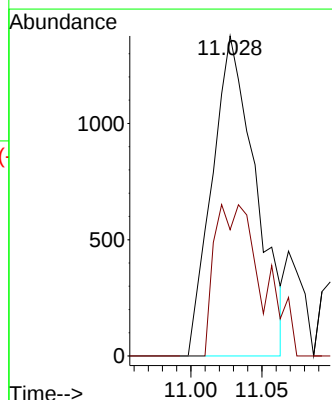
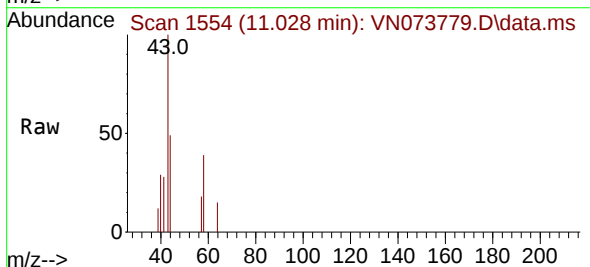
Instrument :
MSVOA_N
ClientSampleId :
VN0809MBL01

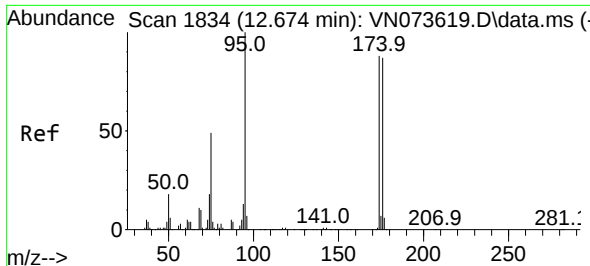
Tgt Ion: 98 Resp: 590987
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#59
2-Hexanone
Concen: 0.610 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.001 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

Tgt Ion: 43 Resp: 2926
Ion Ratio Lower Upper
43 100
58 52.1 29.7 89.1

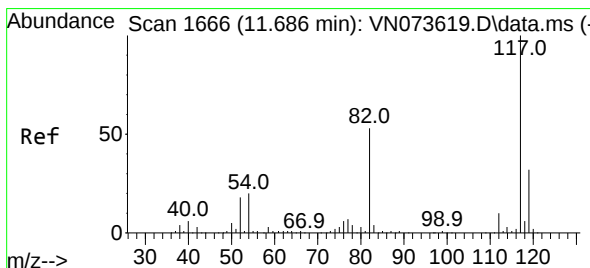
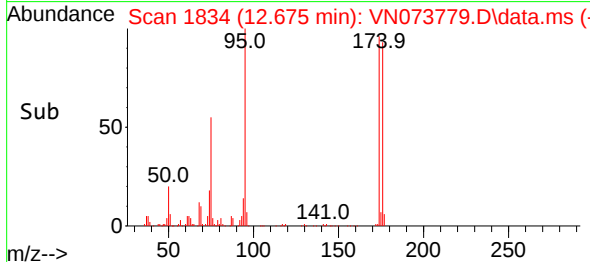
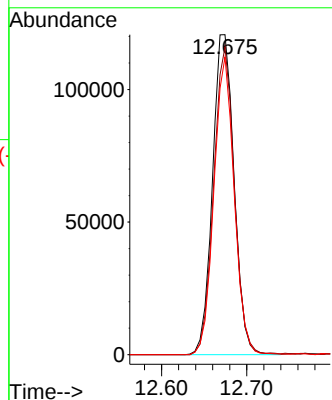
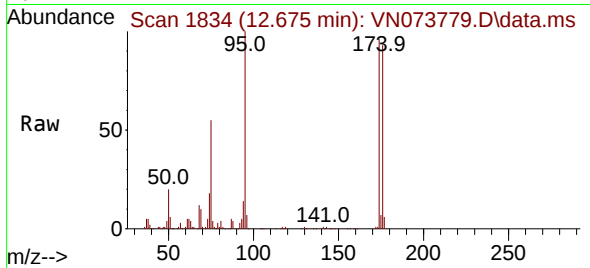




#62
4-Bromofluorobenzene
Concen: 46.925 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

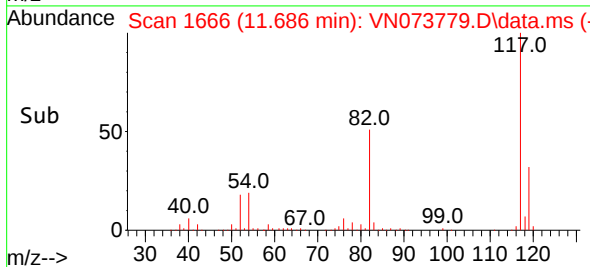
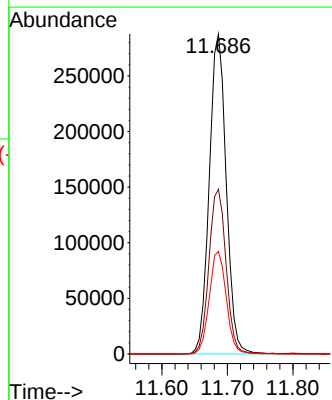
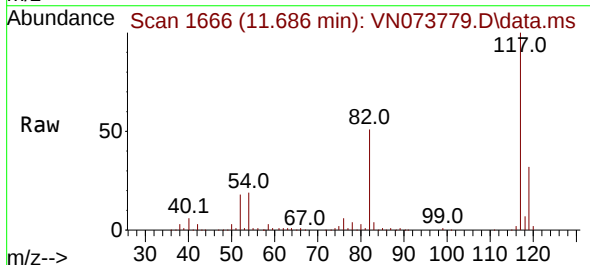
Instrument :
MSVOA_N
ClientSampleId :
VN0809MBL01

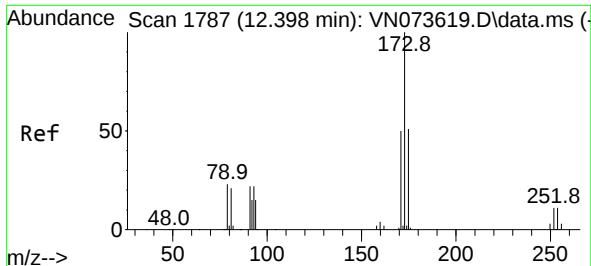
Tgt Ion: 95 Resp: 212245
Ion Ratio Lower Upper
95 100
174 92.5 0.0 167.6
176 87.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

Tgt Ion: 117 Resp: 517087
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 32.1 25.4 38.0

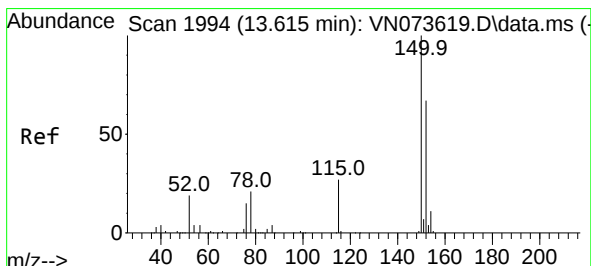
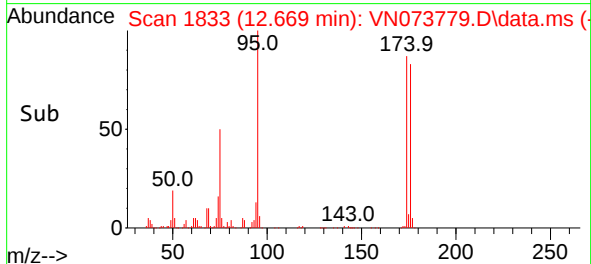
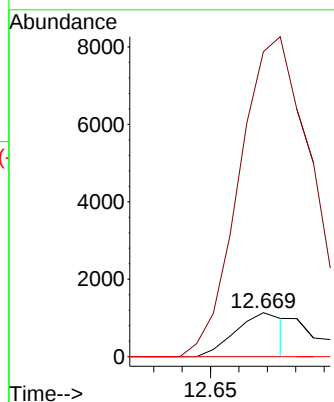
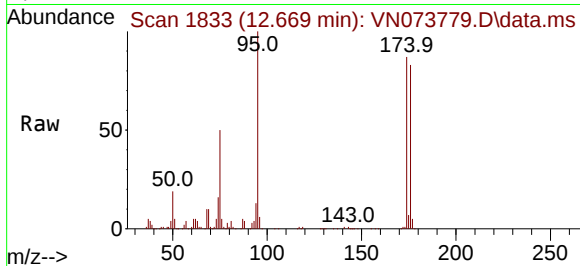




#71
Bromoform
Concen: 0.408 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

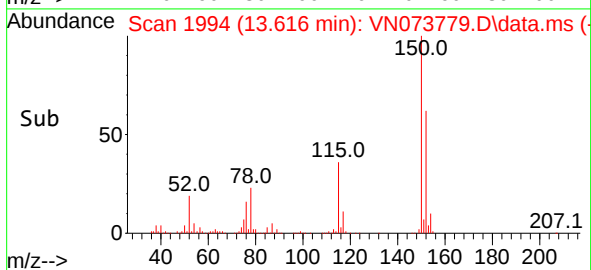
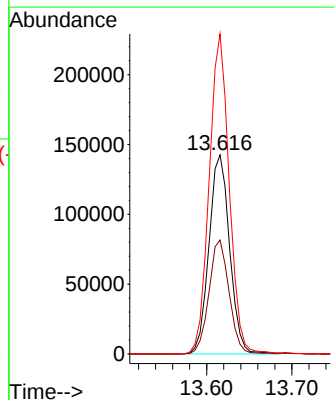
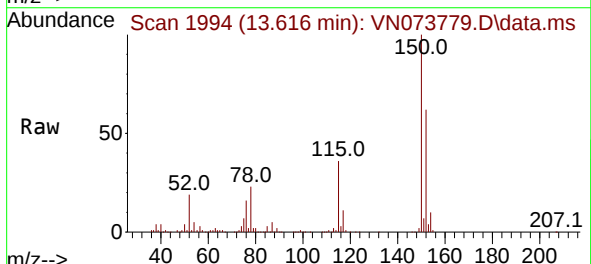
Instrument :
MSVOA_N
ClientSampleId :
VN0809MBL01

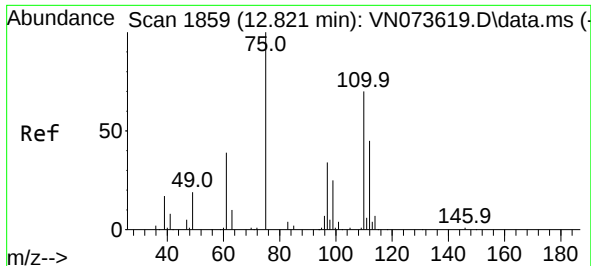
Tgt Ion:173 Resp: 1326
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

Tgt Ion:152 Resp: 240493
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.7
150 155.9 0.0 356.2

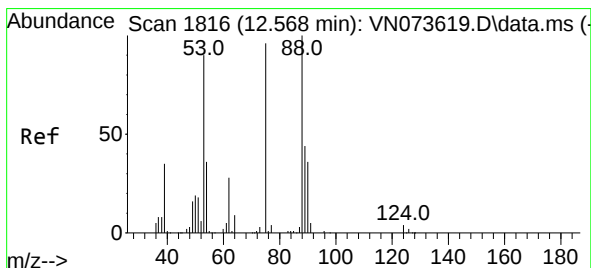
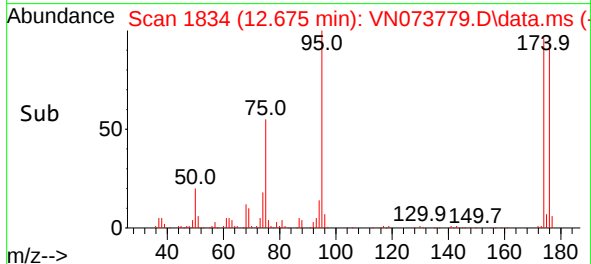
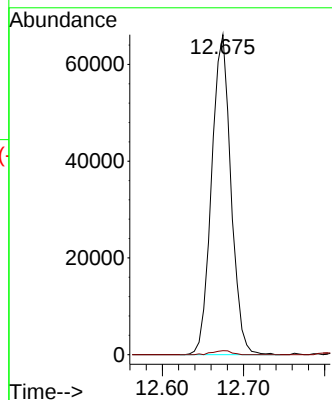
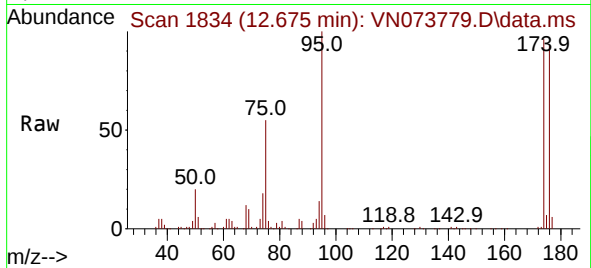




#76
1,2,3-Trichloropropane
Concen: 23.113 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. -0.146 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

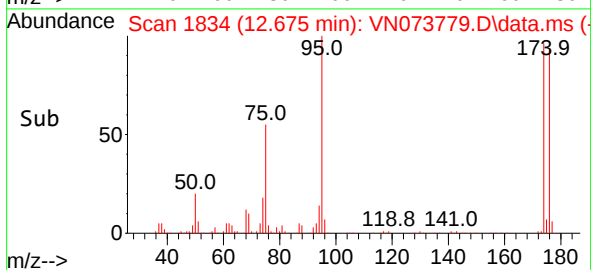
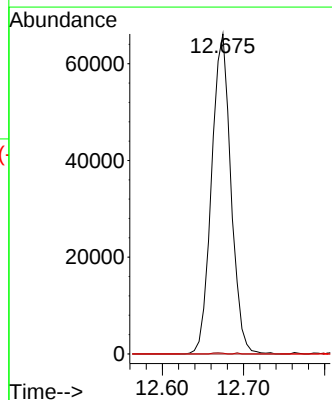
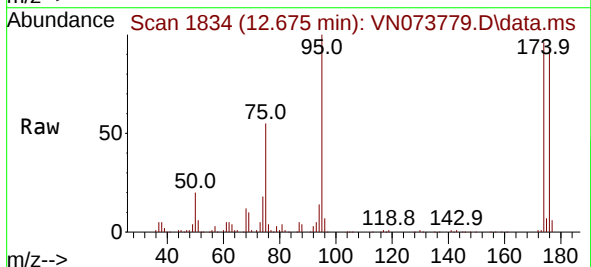
Instrument :
MSVOA_N
ClientSampleId :
VN0809MBL01

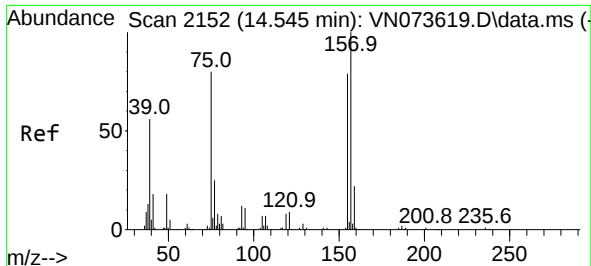
Tgt Ion: 75 Resp: 109467
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.988 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

Tgt Ion: 75 Resp: 109467
Ion Ratio Lower Upper
75 100
53 0.2 78.0 117.0#
89 0.0 37.2 55.8#

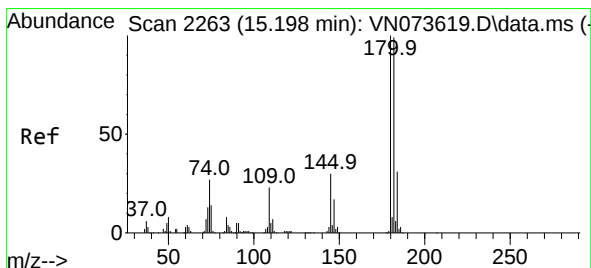
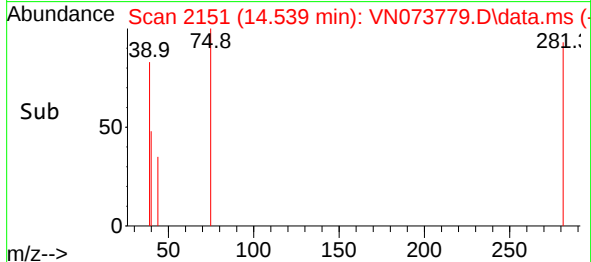
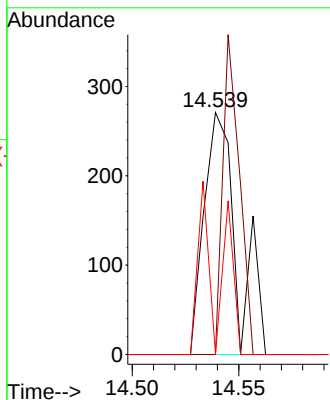
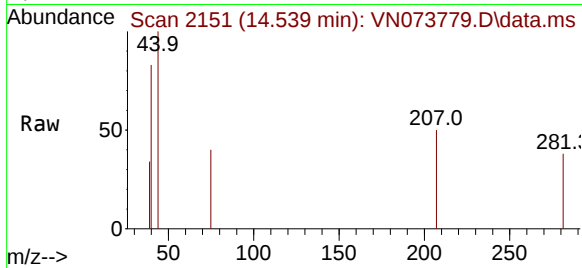




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.211 ug/l
 RT: 14.539 min Scan# 2151
 Delta R.T. -0.006 min
 Lab File: VN073779.D
 Acq: 09 Aug 2022 10:45

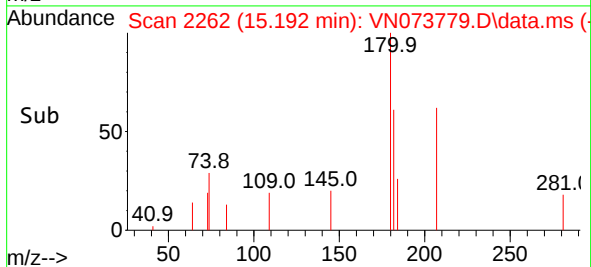
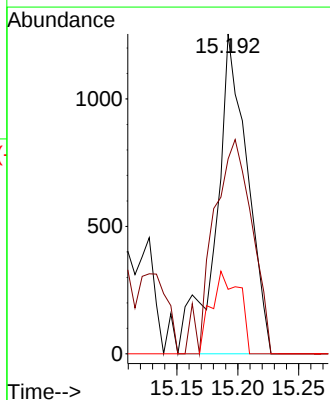
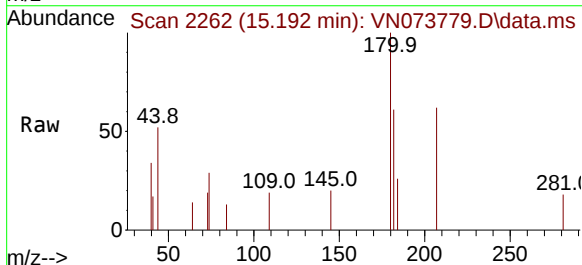
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809MBL01

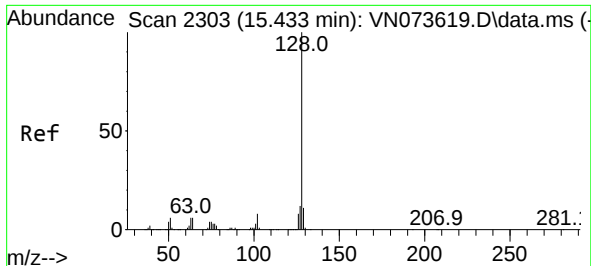
Tgt Ion: 75 Resp: 288
 Ion Ratio Lower Upper
 75 100
 155 67.0 44.9 134.5
 157 44.8 59.0 176.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.531 ug/l
 RT: 15.192 min Scan# 2262
 Delta R.T. -0.006 min
 Lab File: VN073779.D
 Acq: 09 Aug 2022 10:45

Tgt Ion: 180 Resp: 2238
 Ion Ratio Lower Upper
 180 100
 182 83.3 47.5 142.5
 145 23.1 14.5 43.5

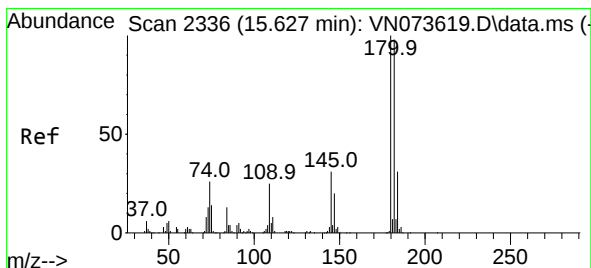
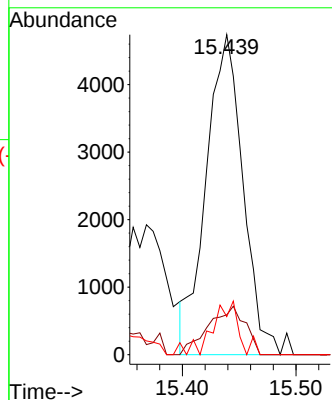
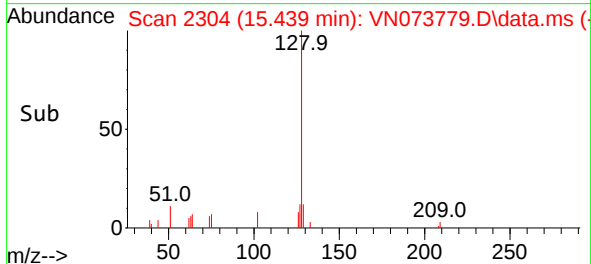
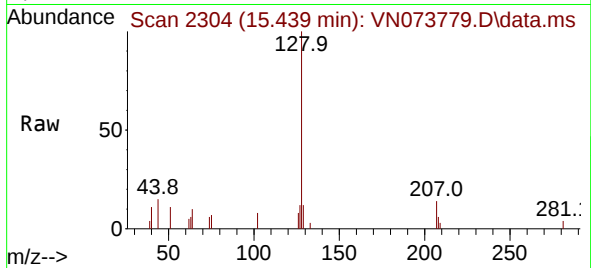




#95
Naphthalene
Concen: 0.780 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN0809MBL01

Tgt Ion:128 Resp: 10661
Ion Ratio Lower Upper
128 100
127 15.2 10.3 15.5
129 11.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.616 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073779.D
Acq: 09 Aug 2022 10:45

Tgt Ion:180 Resp: 2729
Ion Ratio Lower Upper
180 100
182 86.9 47.8 143.3
145 28.8 15.5 46.5

