

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073677.D
 Acq On : 02 Aug 2022 10:38
 Operator : JC\MD
 Sample : VN0802WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBL01

Quant Time: Aug 03 02:02:19 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)

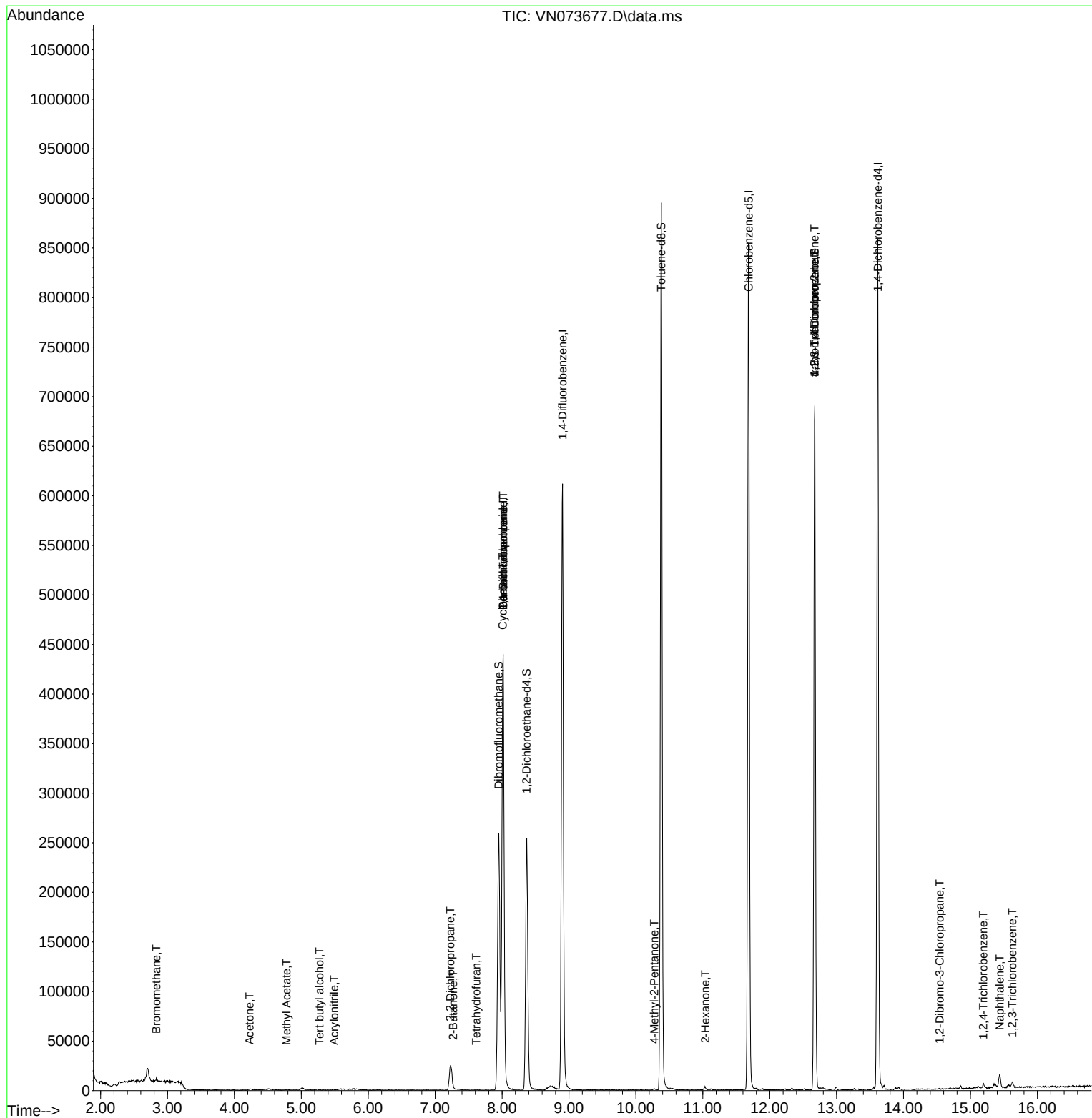
Internal Standards						
1) Pentafluorobenzene	8.016	168	357108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	564801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	524193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	242151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	207519	47.684	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.360%		
35) Dibromofluoromethane	7.951	113	192361	54.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.480%		
50) Toluene-d8	10.380	98	639229	45.802	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.600%		
62) 4-Bromofluorobenzene	12.669	95	235214	50.372	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.740%		
Target Compounds					Qvalue	
3) Chloromethane	2.263	50	874	Below Cal		95
5) Bromomethane	2.834	94	1773	0.505 ug/l		81
6) Chloroethane	2.981	64	224	Below Cal	#	42
11) Tert butyl alcohol	5.269	59	222	0.237 ug/l	#	72
15) Acrylonitrile	5.492	53	652	0.251 ug/l	#	31
16) Acetone	4.228	43	2720	1.164 ug/l	#	42
18) Methyl Acetate	4.781	43	1372	0.236 ug/l	#	65
20) Methylene Chloride	5.010	84	2155	Below Cal	#	91
25) 2-Butanone	7.269	43	746	0.206 ug/l	#	45
26) 2,2-Dichloropropane	7.228	77	1788	0.323 ug/l	#	53
29) Tetrahydrofuran	7.616	42	628	0.274 ug/l	#	36
31) Cyclohexane	8.010	56	6481	1.000 ug/l	#	7
36) 1,1-Dichloropropene	8.016	75	25863	5.117 ug/l	#	49
38) Carbon Tetrachloride	8.016	117	32944	6.417 ug/l	#	17
51) 4-Methyl-2-Pentanone	10.275	43	1658	0.257 ug/l	#	66
59) 2-Hexanone	11.039	43	2711	0.555 ug/l		83
76) 1,2,3-Trichloropropane	12.669	75	117532	24.875 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.669	75	117532	62.900 ug/l	#	10
92) 1,2-Dibromo-3-Chloropr...	14.539	75	289	0.210 ug/l	#	32
93) 1,2,4-Trichlorobenzene	15.192	180	2067	0.487 ug/l		94
95) Naphthalene	15.439	128	14688	1.067 ug/l		99
96) 1,2,3-Trichlorobenzene	15.627	180	2675	0.599 ug/l		90

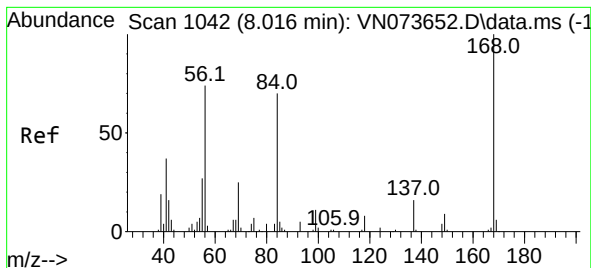
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
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ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Aug 03 02:02:19 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

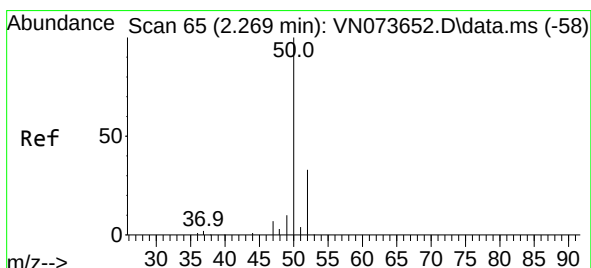
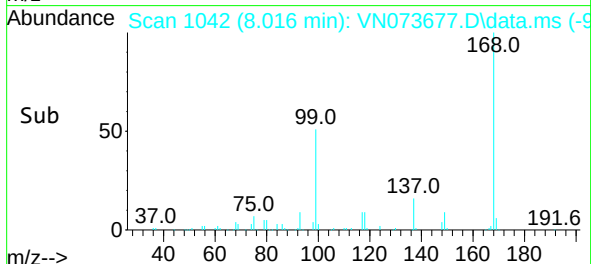
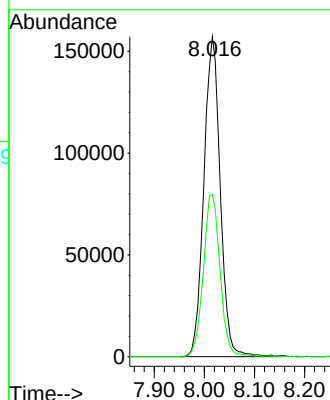
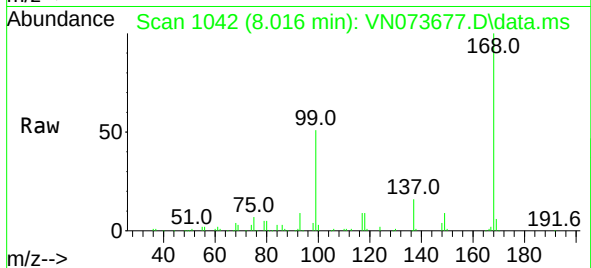




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

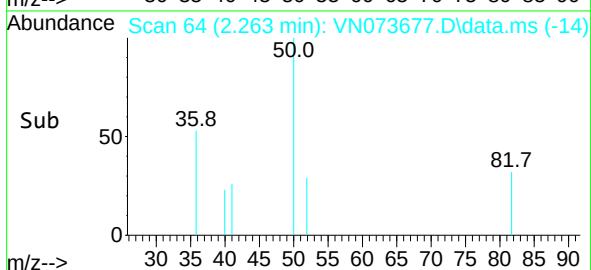
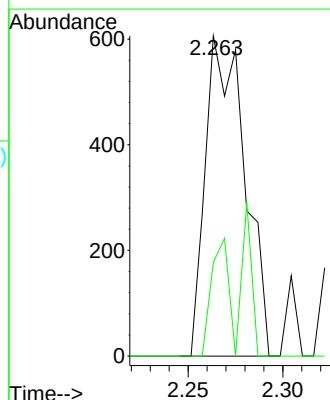
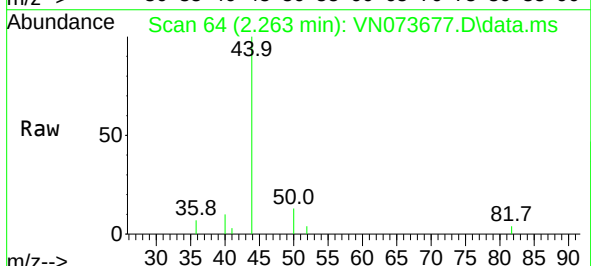
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

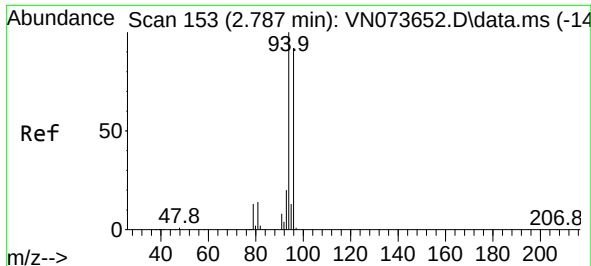
Tgt Ion:168 Resp: 357108
Ion Ratio Lower Upper
168 100
99 50.8 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

Tgt Ion: 50 Resp: 874
Ion Ratio Lower Upper
50 100
52 29.2 25.7 38.5

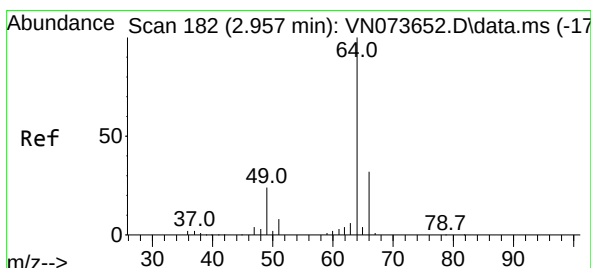
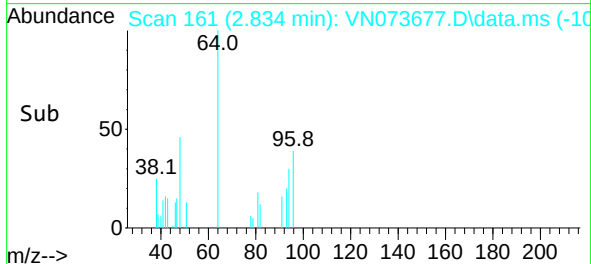
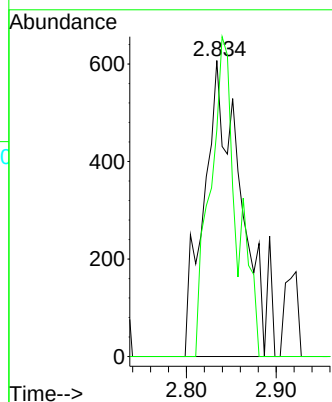
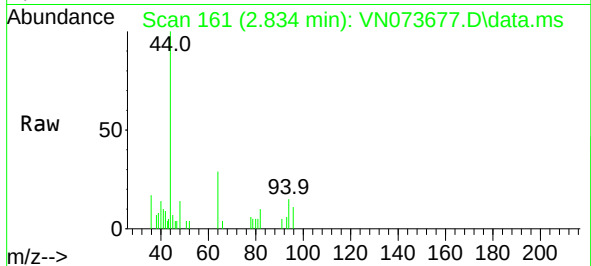




#5
Bromomethane
Concen: 0.505 ug/l
RT: 2.834 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

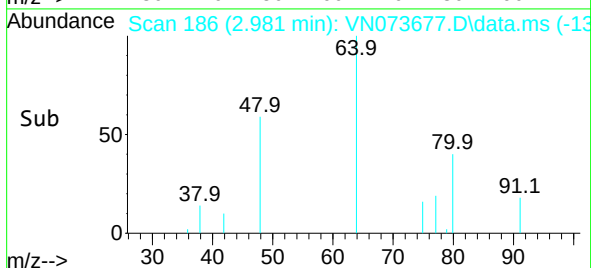
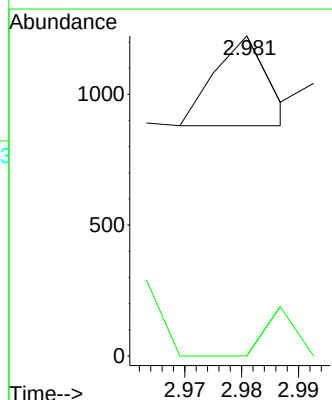
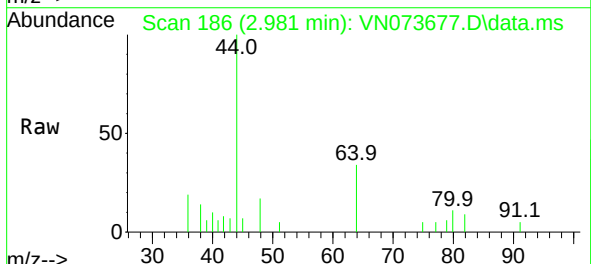
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

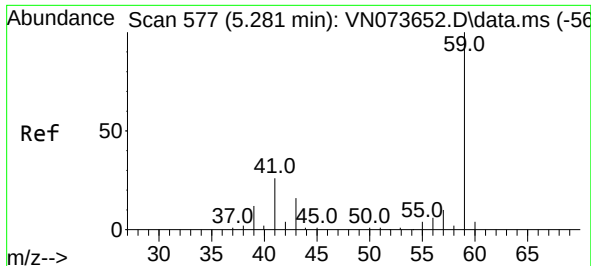
Tgt Ion: 94 Resp: 1773
Ion Ratio Lower Upper
94 100
96 76.6 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 2.981 min Scan# 186
Delta R.T. 0.024 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

Tgt Ion: 64 Resp: 224
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

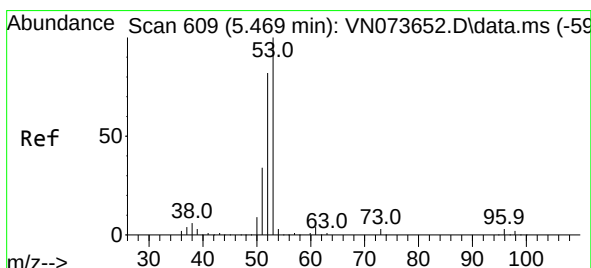
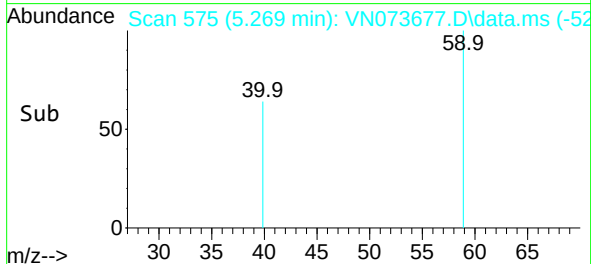
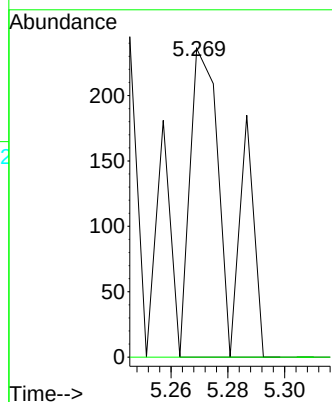
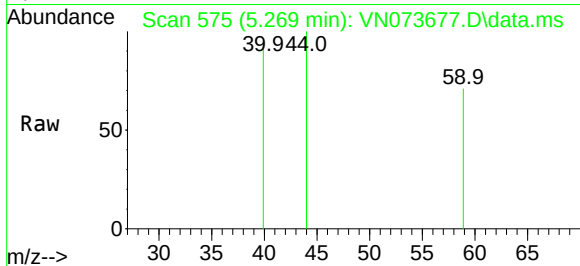




#11
Tert butyl alcohol
Concen: 0.237 ug/l
RT: 5.269 min Scan# 51
Delta R.T. -0.023 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

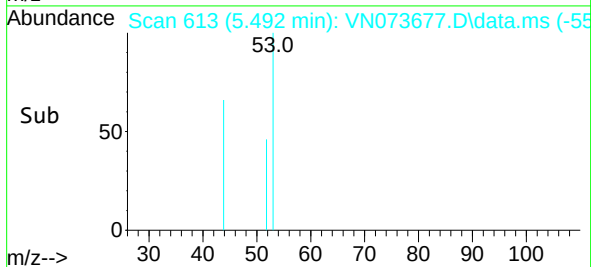
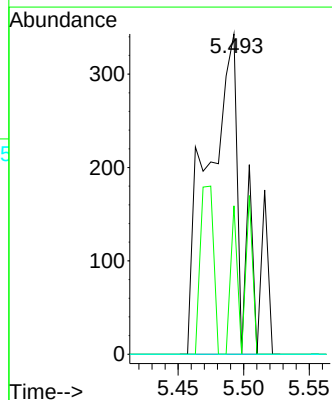
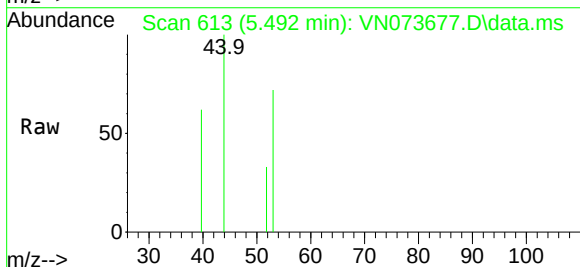
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

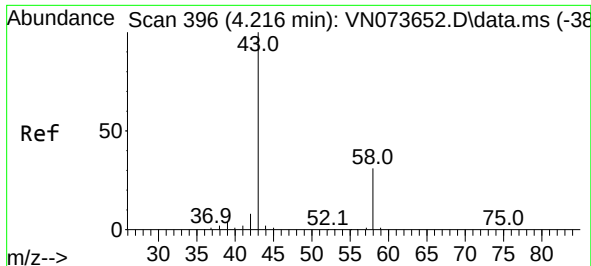
Tgt Ion: 59 Resp: 222
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#15
Acrylonitrile
Concen: 0.251 ug/l
RT: 5.492 min Scan# 613
Delta R.T. 0.018 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

Tgt Ion: 53 Resp: 652
Ion Ratio Lower Upper
53 100
52 17.8 66.4 99.6#
51 0.0 28.5 42.7#

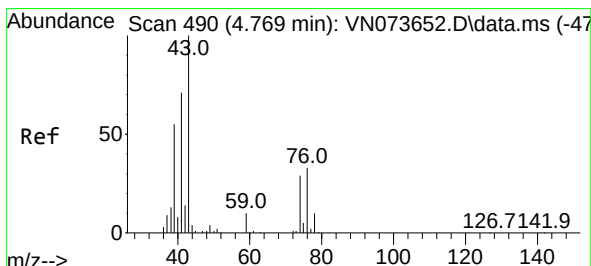
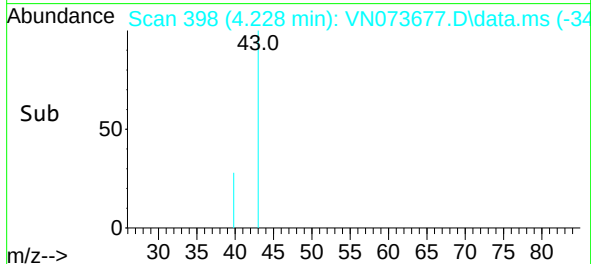
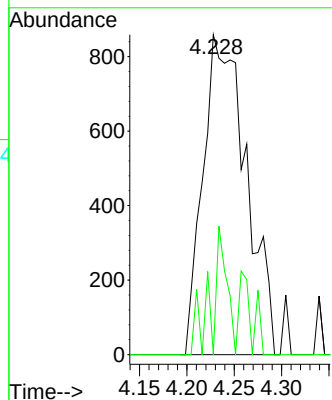
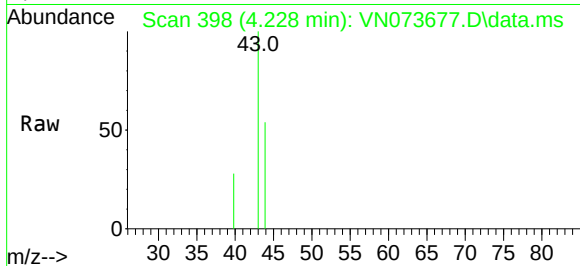




#16
Acetone
Concen: 1.164 ug/l
RT: 4.228 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

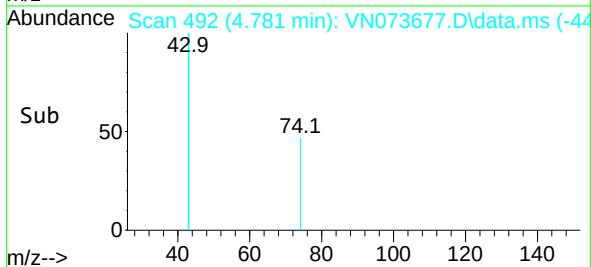
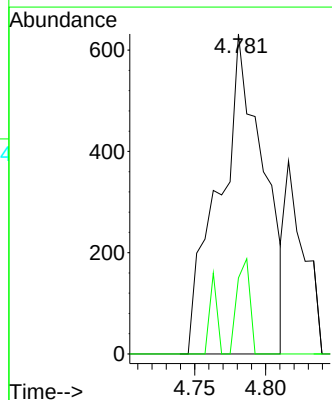
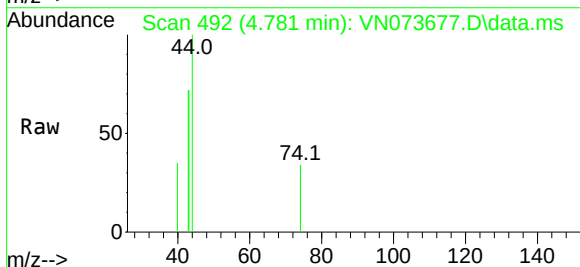
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

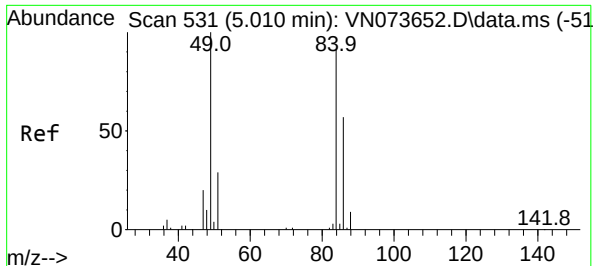
Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: 0.236 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

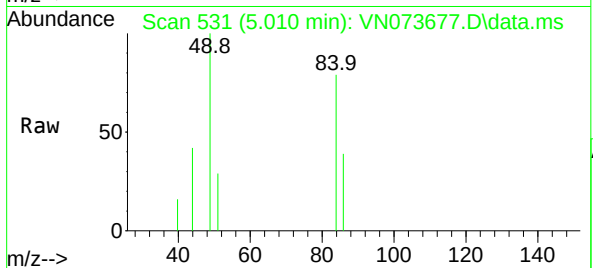
Tgt Ion: 43 Resp: 1372
Ion Ratio Lower Upper
43 100
74 8.7 21.6 32.4#



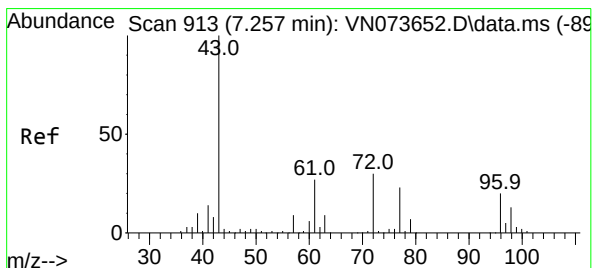
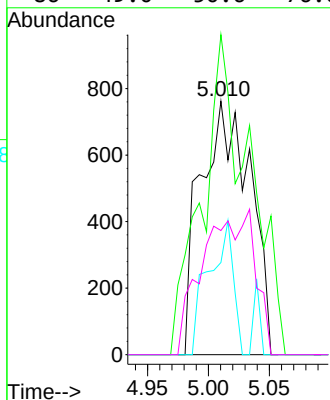
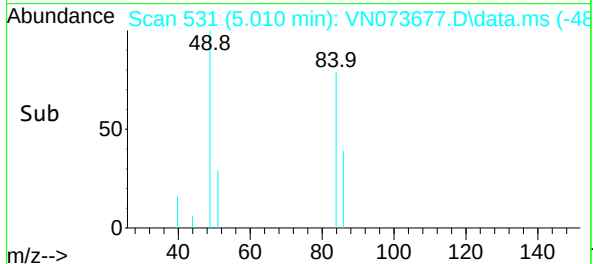


#20
Methylene Chloride
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

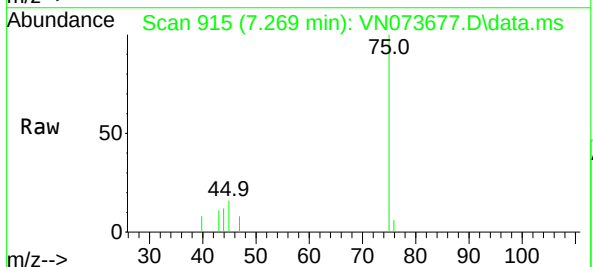
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01



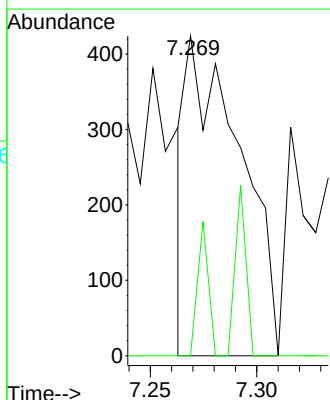
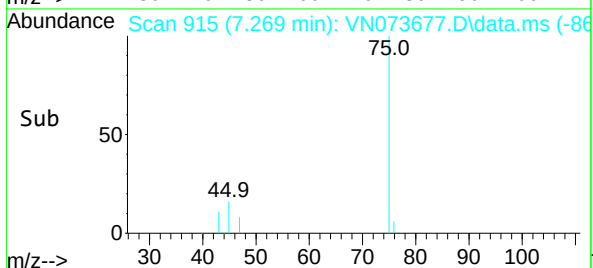
Tgt Ion: 84 Resp: 2155
Ion Ratio Lower Upper
84 100
49 104.1 88.3 132.5
51 36.4 28.2 42.2
86 49.0 50.6 76.0#

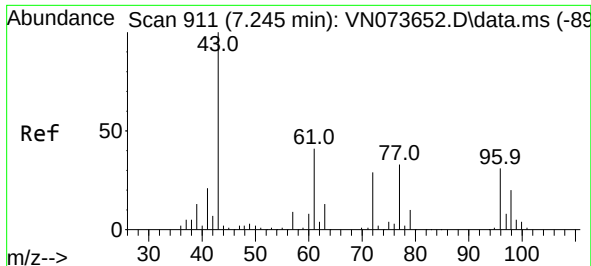


#25
2-Butanone
Concen: 0.206 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38



Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

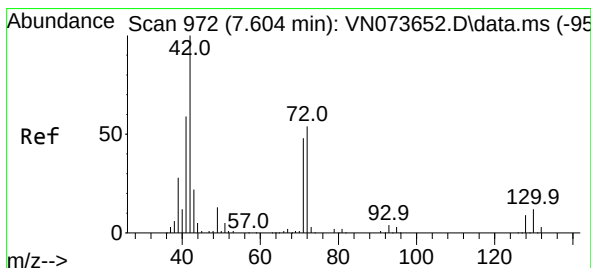
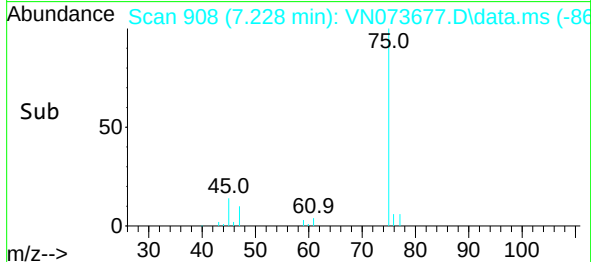
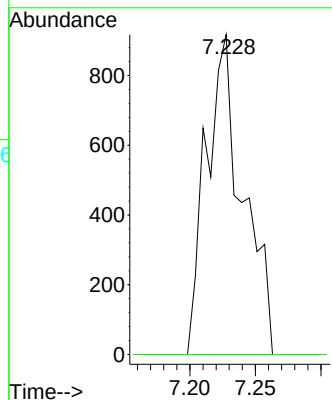
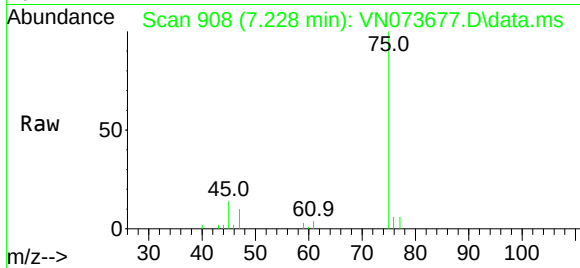




#26
2,2-Dichloropropane
Concen: 0.323 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.024 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

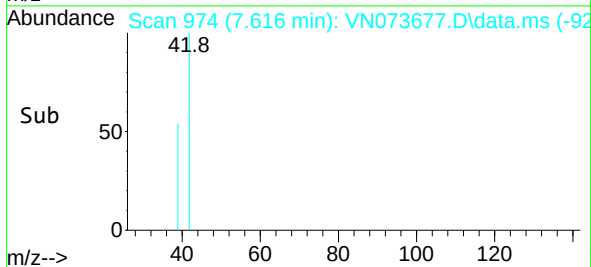
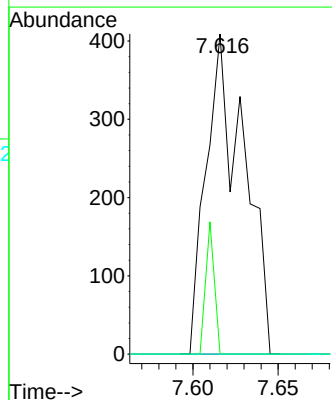
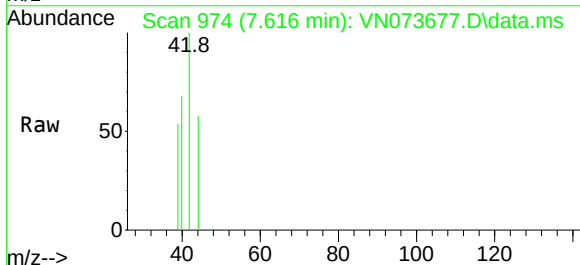
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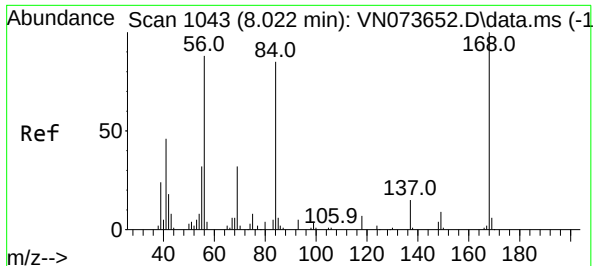
Tgt Ion: 77 Resp: 1788
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#29
Tetrahydrofuran
Concen: 0.274 ug/l
RT: 7.616 min Scan# 974
Delta R.T. 0.006 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

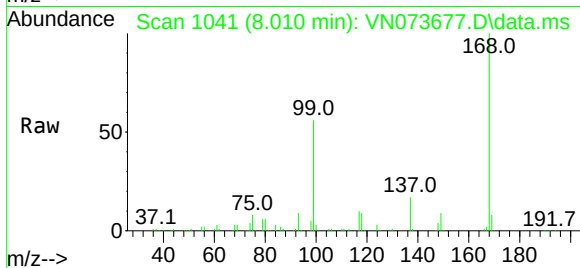
Tgt Ion: 42 Resp: 628
Ion Ratio Lower Upper
42 100
72 9.6 39.7 59.5#
71 0.0 36.6 55.0#



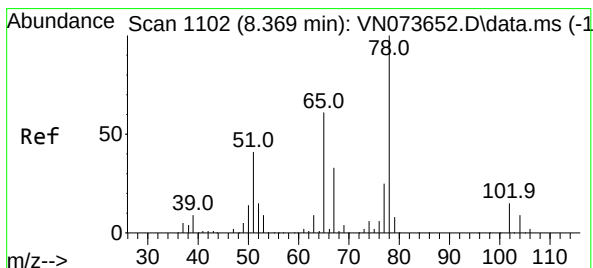
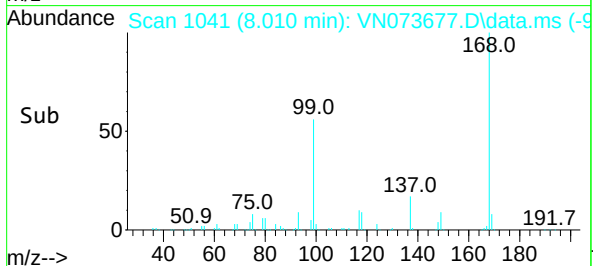
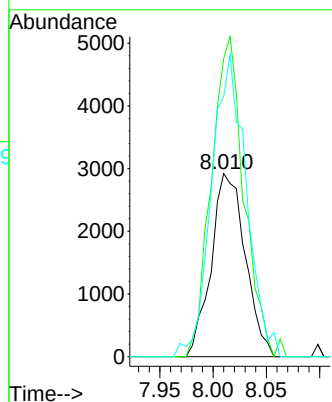


#31
Cyclohexane
Concen: 1.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

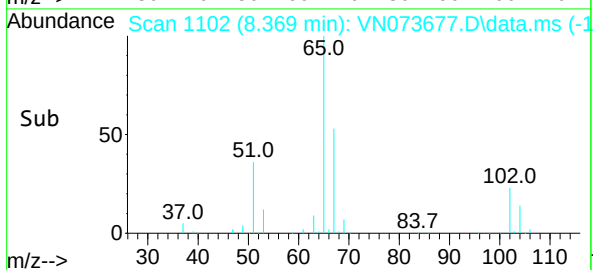
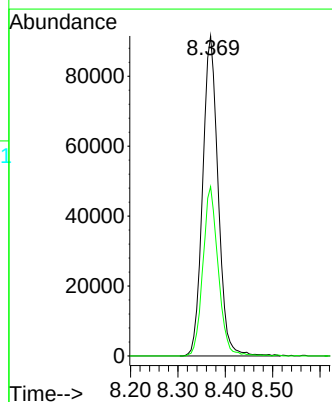
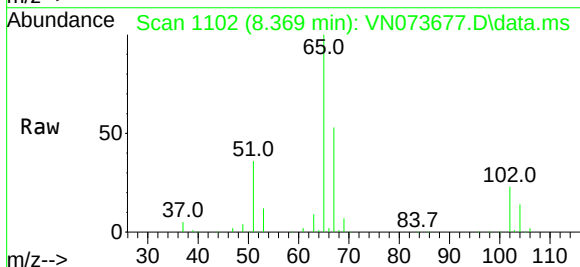


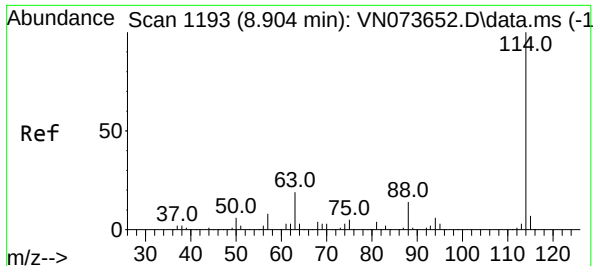
Tgt Ion: 56 Resp: 6481
Ion Ratio Lower Upper
56 100
69 162.8 27.8 41.8#
84 142.2 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.684 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

Tgt Ion: 65 Resp: 207519
Ion Ratio Lower Upper
65 100
67 52.1 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: VN073677.D

Acq: 02 Aug 2022 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBL01

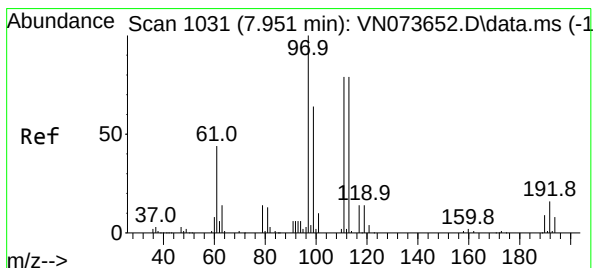
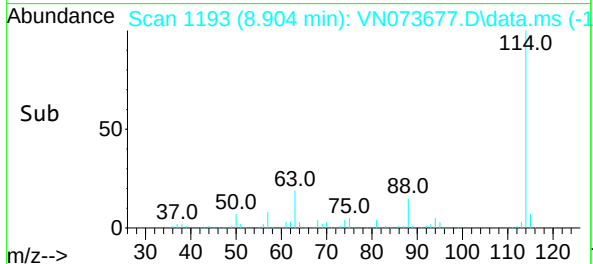
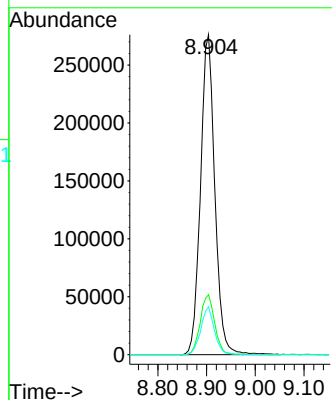
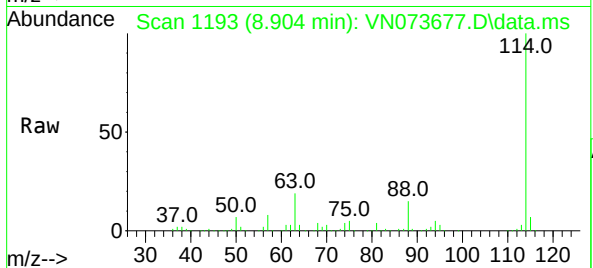
Tgt Ion:114 Resp: 564801

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.238 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073677.D

Acq: 02 Aug 2022 10:38

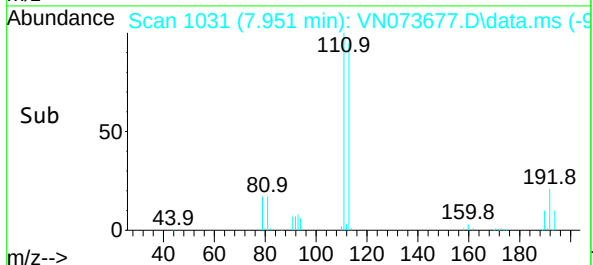
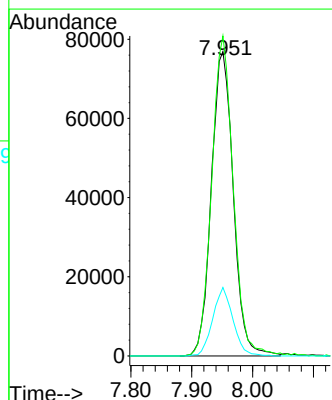
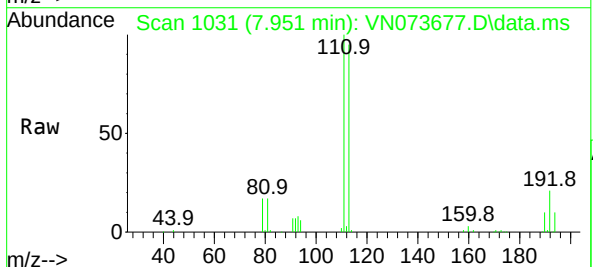
Tgt Ion:113 Resp: 192361

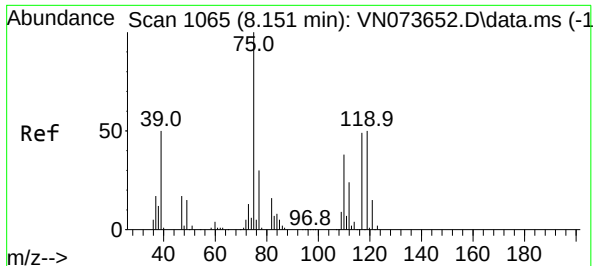
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 20.8 17.0 25.6

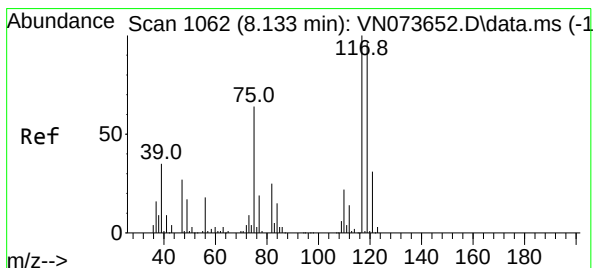
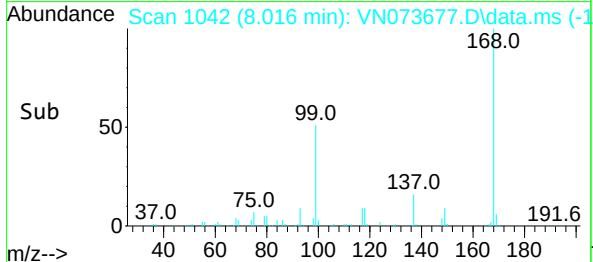
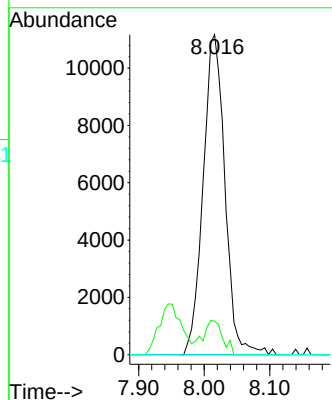
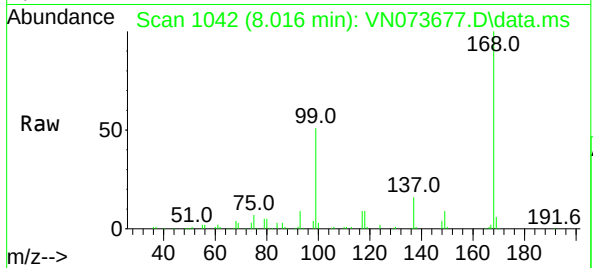




#36
1,1-Dichloropropene
Concen: 5.117 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

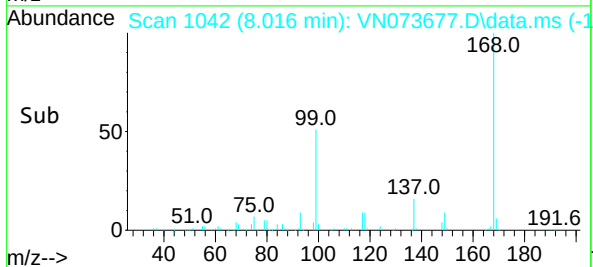
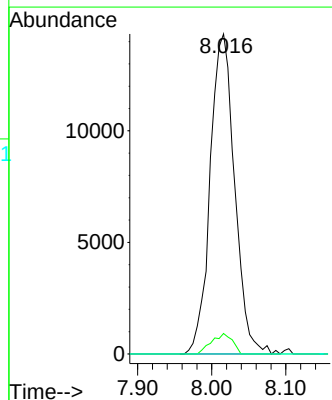
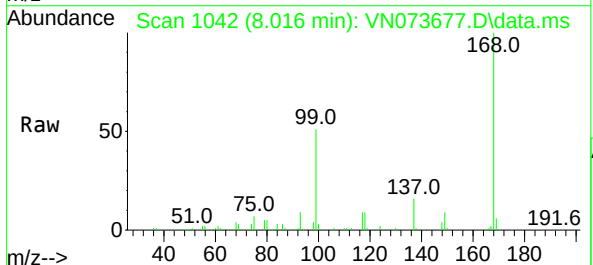
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

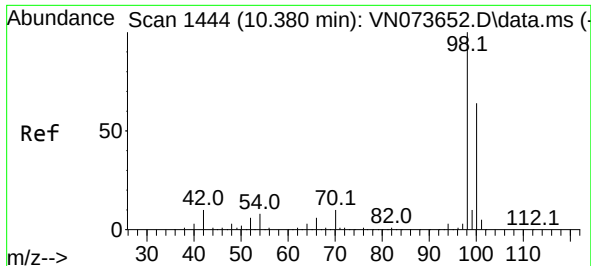
Tgt Ion: 75 Resp: 25863
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.417 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

Tgt Ion: 117 Resp: 32944
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.8#
121 0.0 24.6 37.0#

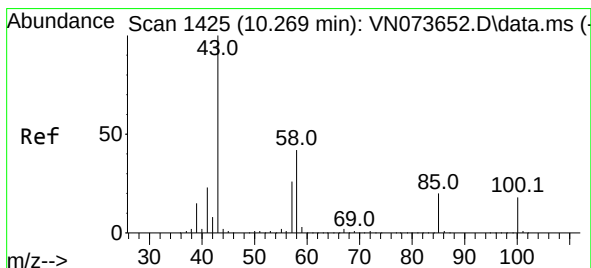
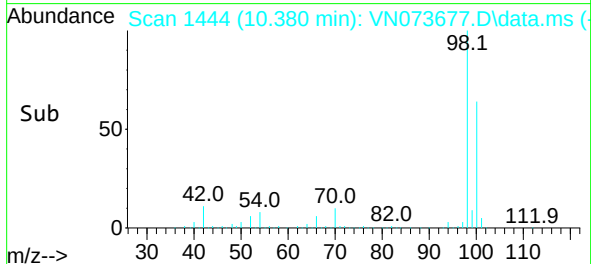
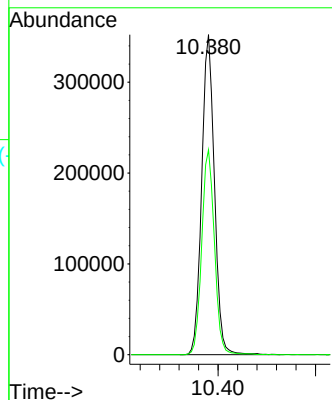
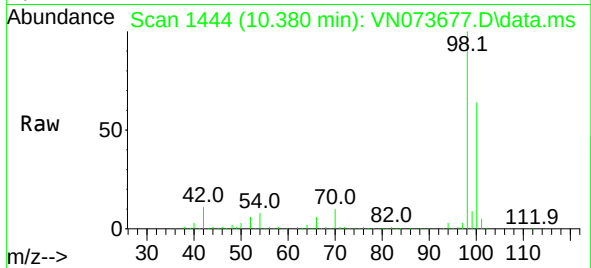




#50
Toluene-d8
Concen: 45.802 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

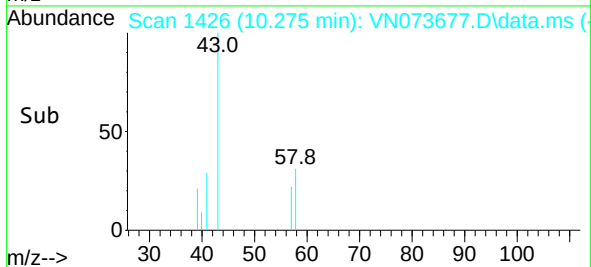
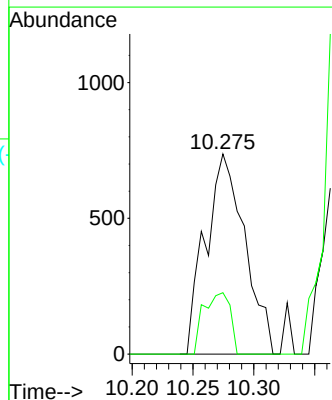
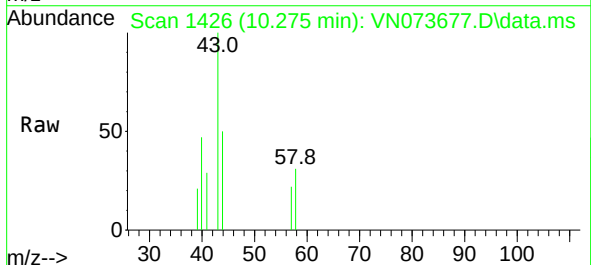
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

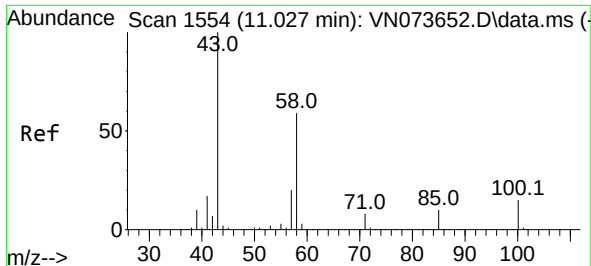
Tgt Ion: 98 Resp: 639229
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.257 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

Tgt Ion: 43 Resp: 1658
Ion Ratio Lower Upper
43 100
58 20.7 34.1 51.1#

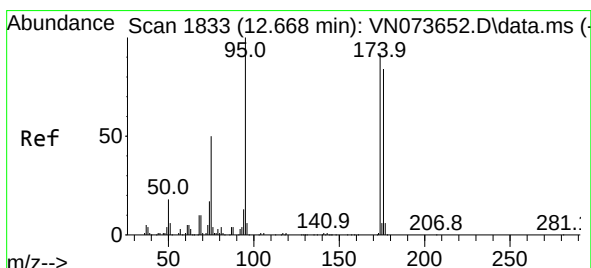
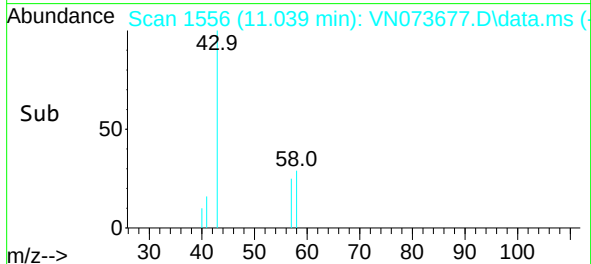
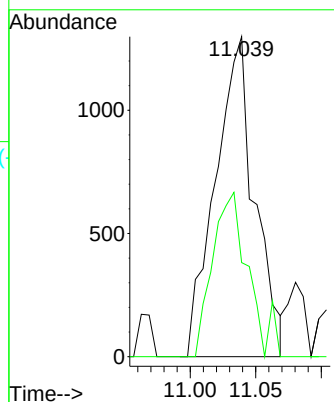
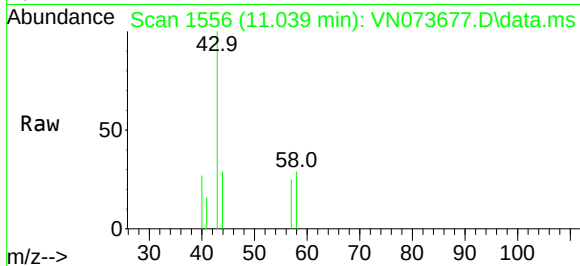




#59
2-Hexanone
Concen: 0.555 ug/l
RT: 11.039 min Scan# 1556
Delta R.T. 0.012 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

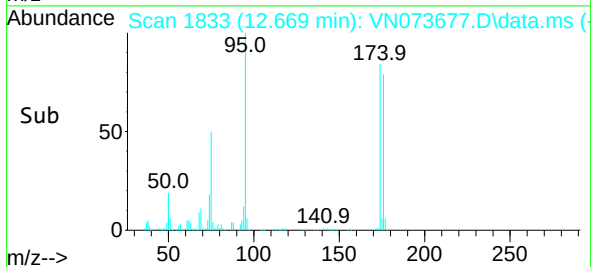
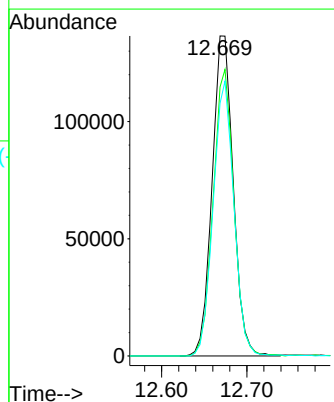
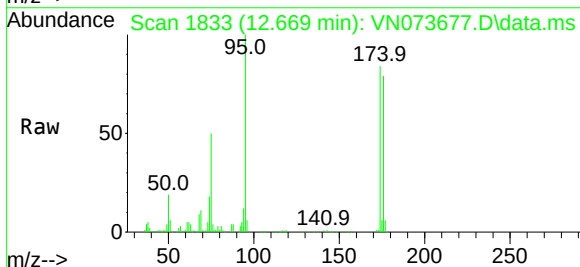
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

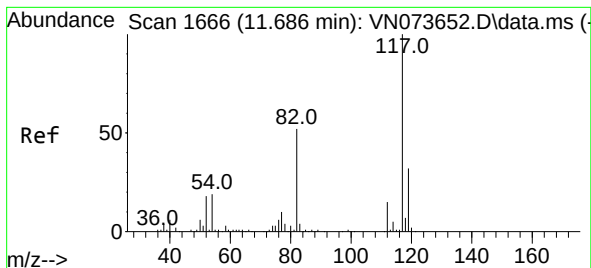
Tgt Ion: 43 Resp: 2711
Ion Ratio Lower Upper
43 100
58 46.5 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 50.372 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

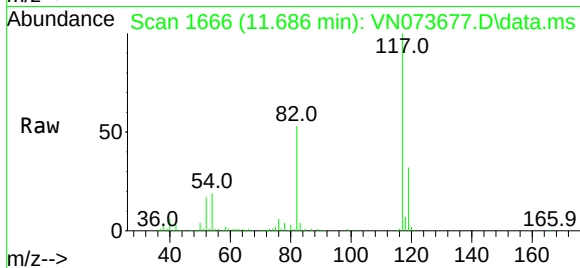
Tgt Ion: 95 Resp: 235214
Ion Ratio Lower Upper
95 100
174 87.8 0.0 167.6
176 84.3 0.0 163.4



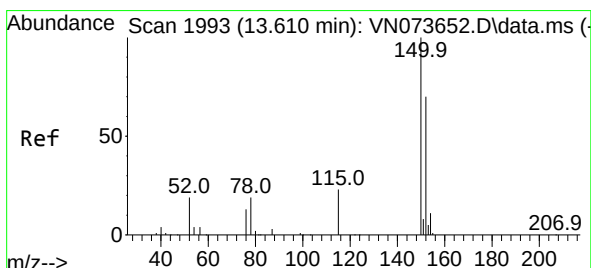
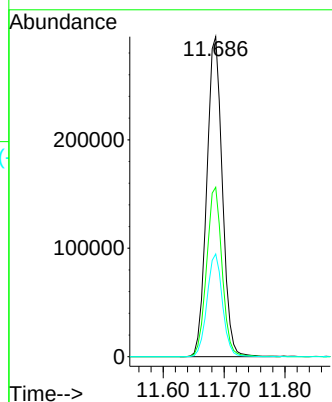
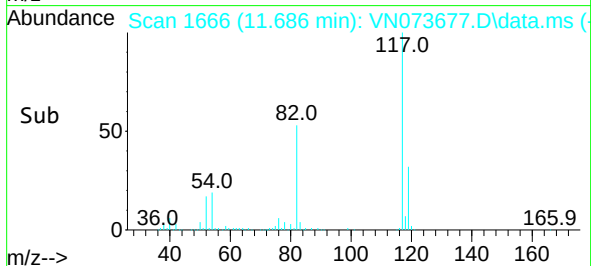


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

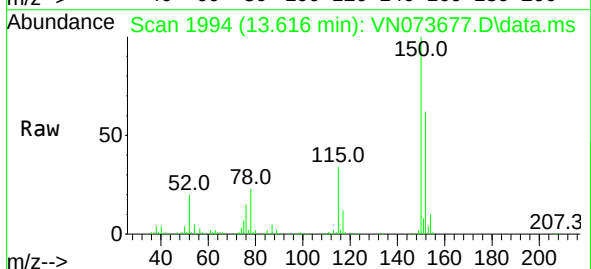
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01



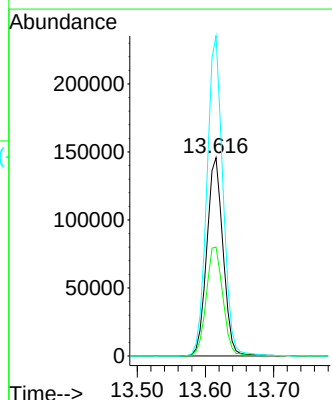
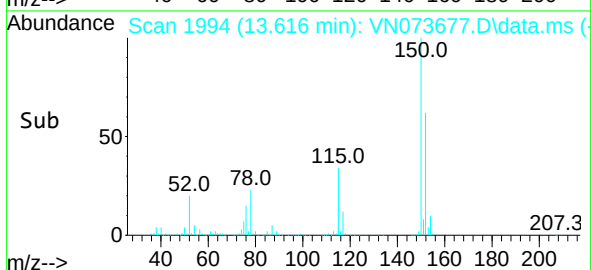
Tgt Ion:117 Resp: 524193
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 32.1 25.4 38.0

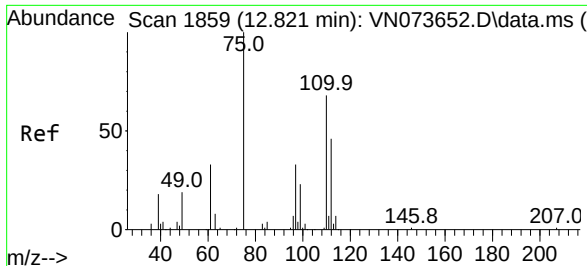


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38



Tgt Ion:152 Resp: 242151
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 159.1 0.0 356.2

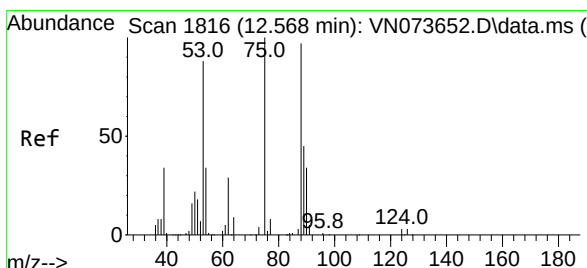
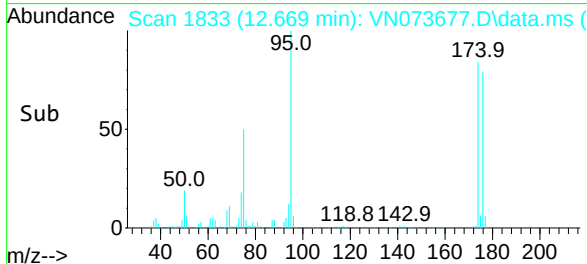
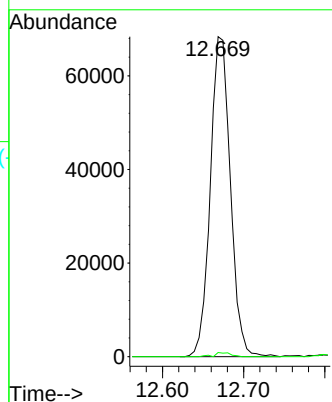
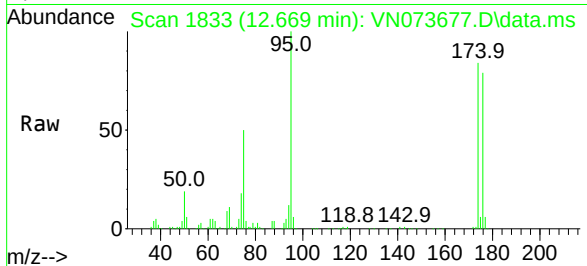




#76
1,2,3-Trichloropropane
Concen: 24.875 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

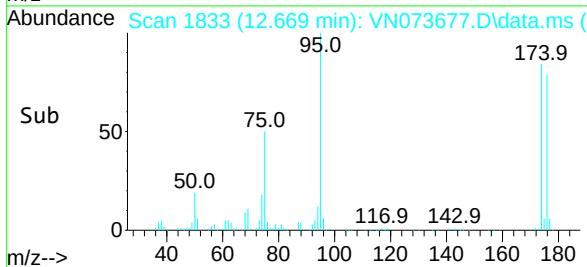
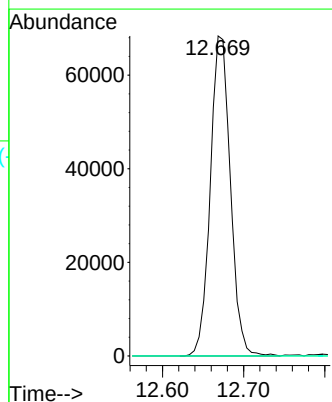
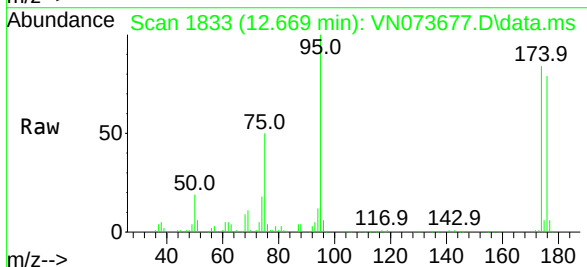
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

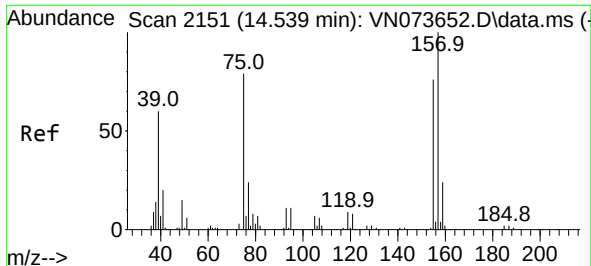
Tgt Ion: 75 Resp: 117532
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.900 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.100 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

Tgt Ion: 75 Resp: 117532
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.210 ug/l

RT: 14.539 min Scan# 2151

Delta R.T. -0.006 min

Lab File: VN073677.D

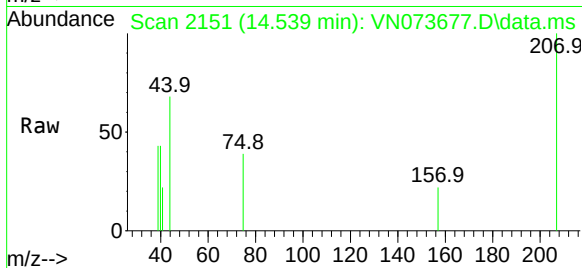
Acq: 02 Aug 2022 10:38

Instrument :

MSVOA_N

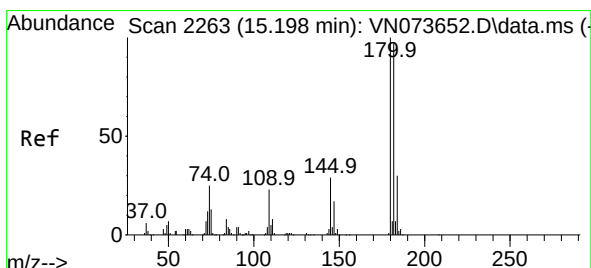
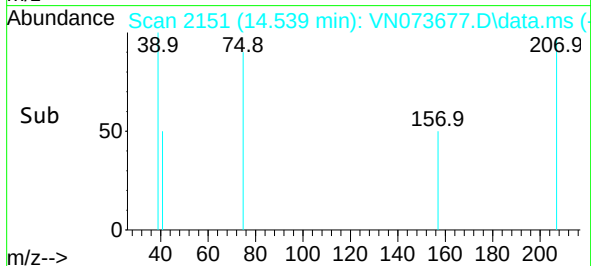
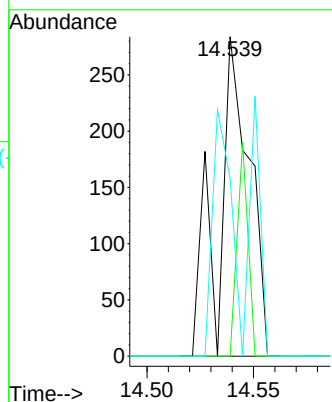
ClientSampleId :

VN0802WBL01



Tgt Ion: 75 Resp: 289

Ion	Ratio	Lower	Upper
75	100		
155	23.2	44.9	134.5#
157	46.0	59.0	176.8#



#93

1,2,4-Trichlorobenzene

Concen: 0.487 ug/l

RT: 15.192 min Scan# 2262

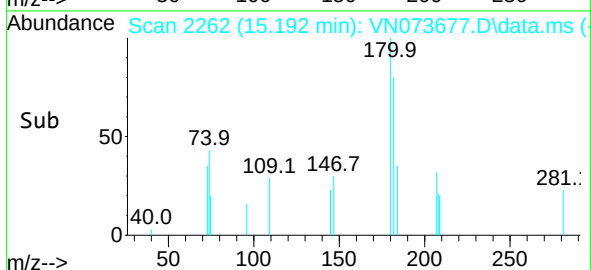
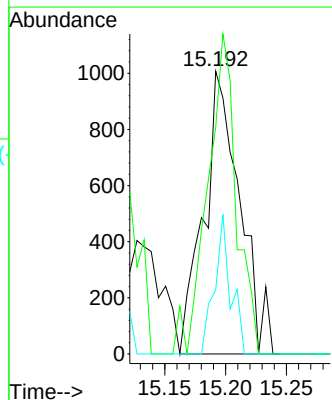
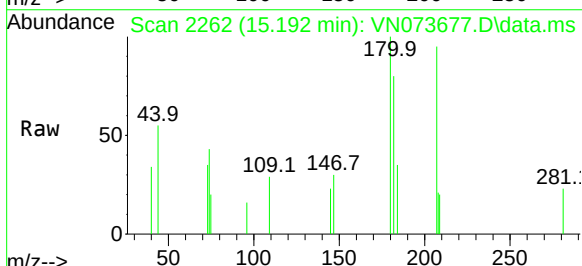
Delta R.T. -0.006 min

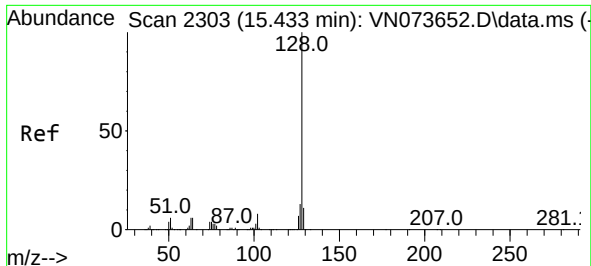
Lab File: VN073677.D

Acq: 02 Aug 2022 10:38

Tgt Ion: 180 Resp: 2067

Ion	Ratio	Lower	Upper
180	100		
182	90.9	47.5	142.5
145	22.1	14.5	43.5

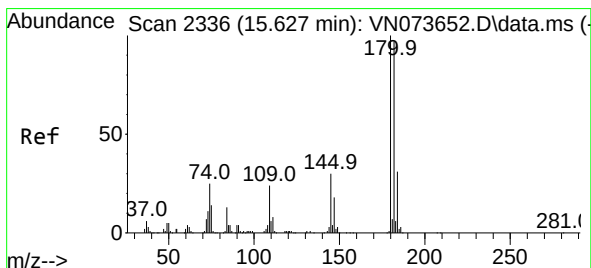
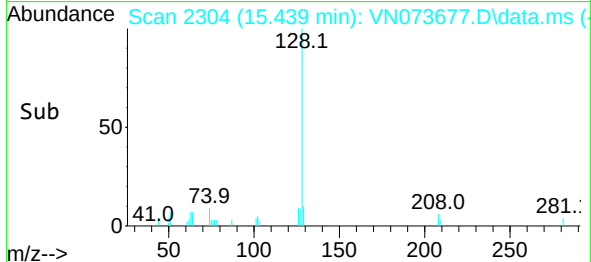
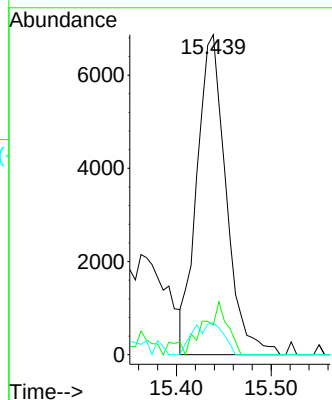
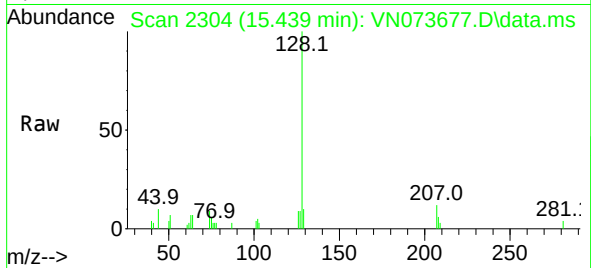




#95
Naphthalene
Concen: 1.067 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

Tgt Ion:128 Resp: 14688
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.599 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073677.D
Acq: 02 Aug 2022 10:38

Tgt Ion:180 Resp: 2675
Ion Ratio Lower Upper
180 100
182 82.8 47.8 143.3
145 30.7 15.5 46.5

