

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073653.D
 Acq On : 01 Aug 2022 12:06
 Operator : JC\MD
 Sample : VN0801WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBL01

Quant Time: Aug 02 04:58:30 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)

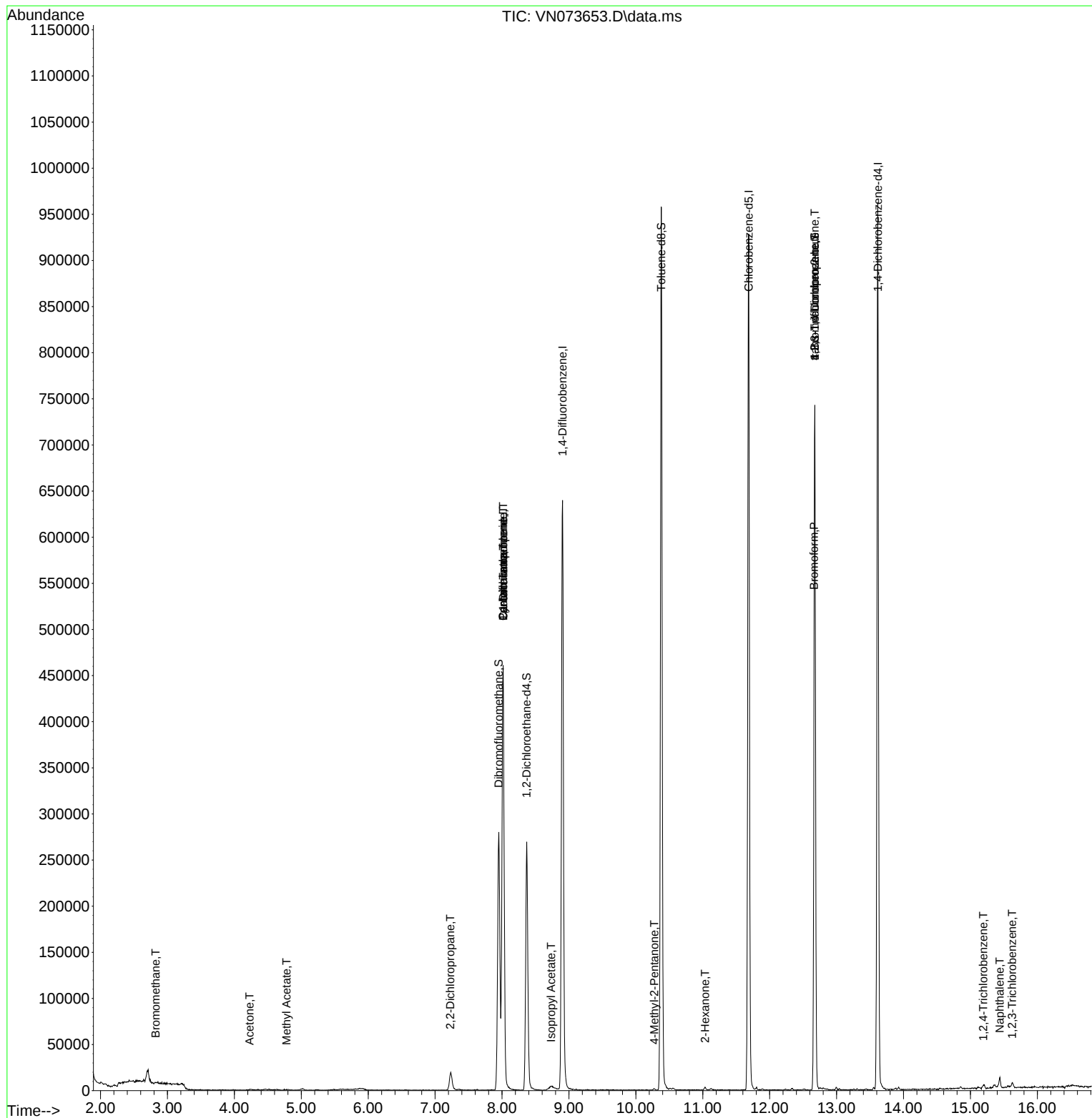
Internal Standards						
1) Pentafluorobenzene	8.016	168	374725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	601634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	567163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	266369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	218771	47.906	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.820%
35) Dibromofluoromethane	7.951	113	207017	54.797	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.600%
50) Toluene-d8	10.381	98	667893	44.926	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.860%
62) 4-Bromofluorobenzene	12.674	95	242939	49.086	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1063	Below Cal	#	87
5) Bromomethane	2.822	94	789	0.214	ug/l #	63
6) Chloroethane	2.934	64	66	Below Cal	#	42
16) Acetone	4.228	43	693	0.283	ug/l #	42
18) Methyl Acetate	4.781	43	1570	0.257	ug/l #	63
20) Methylene Chloride	4.993	84	386	Below Cal	#	89
26) 2,2-Dichloropropane	7.228	77	1519	0.262	ug/l #	53
31) Cyclohexane	8.016	56	7233	1.064	ug/l #	19
36) 1,1-Dichloropropene	8.016	75	27368	5.083	ug/l #	49
38) Carbon Tetrachloride	8.016	117	34927	6.387	ug/l #	17
43) Isopropyl Acetate	8.734	43	6149	0.642	ug/l #	53
51) 4-Methyl-2-Pentanone	10.275	43	1522	0.222	ug/l #	53
59) 2-Hexanone	11.033	43	2598	0.499	ug/l	86
71) Bromoform	12.663	173	1545	0.433	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	125204	23.981	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	125204	60.914	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.192	180	1994	0.428	ug/l	95
95) Naphthalene	15.439	128	10811	0.714	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.621	180	2746	0.559	ug/l #	16

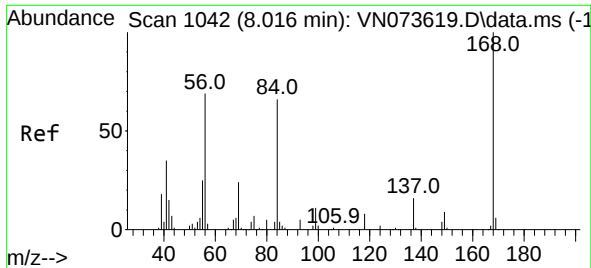
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 29 02:20:25 2022
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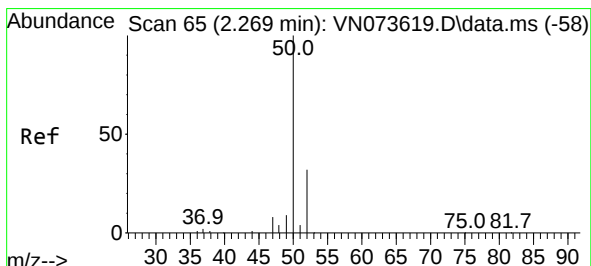
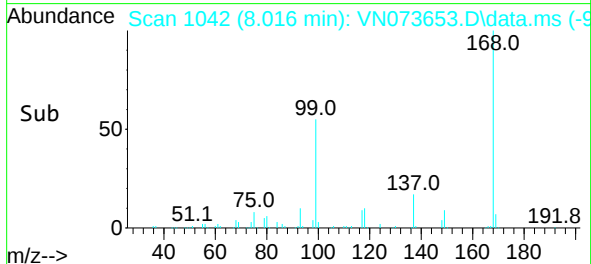
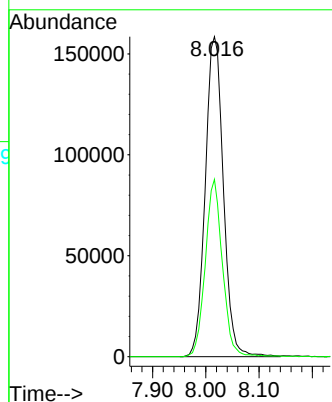
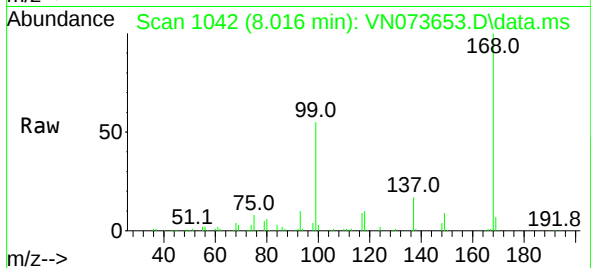




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

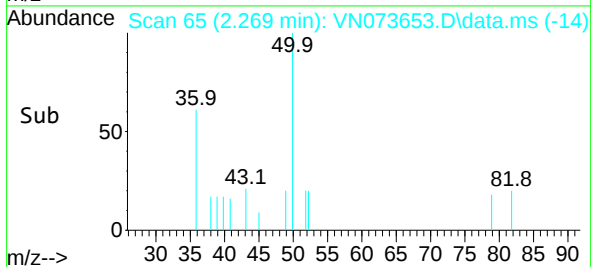
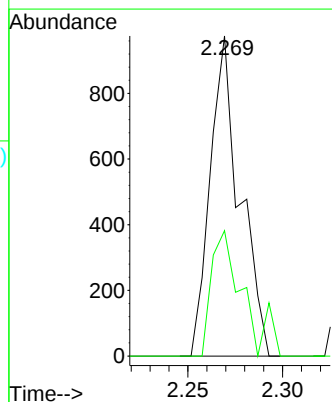
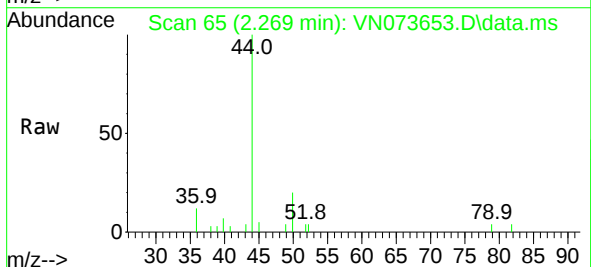
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBL01

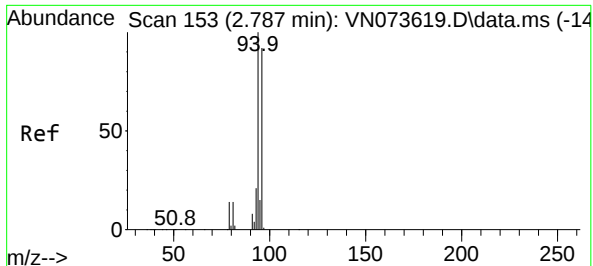
Tgt Ion:168 Resp: 374725
Ion Ratio Lower Upper
168 100
99 55.4 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

Tgt Ion: 50 Resp: 1063
Ion Ratio Lower Upper
50 100
52 39.2 25.7 38.5#

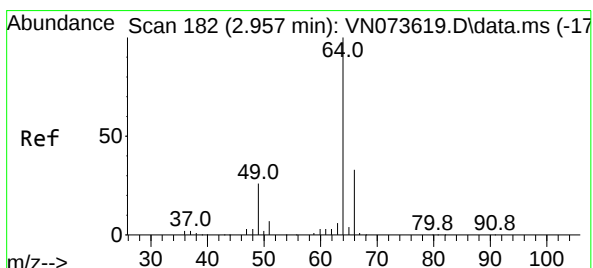
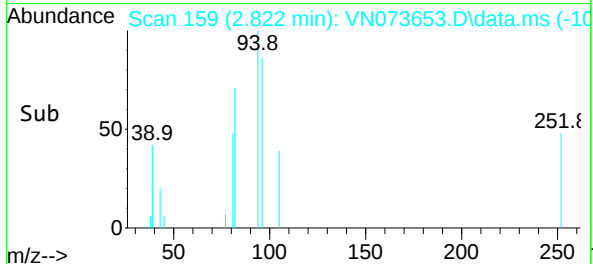
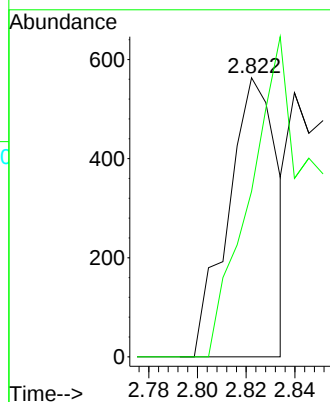
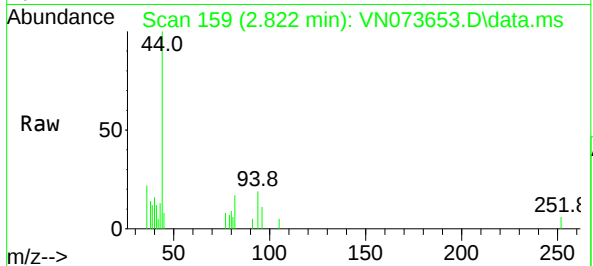




#5
Bromomethane
Concen: 0.214 ug/l
RT: 2.822 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

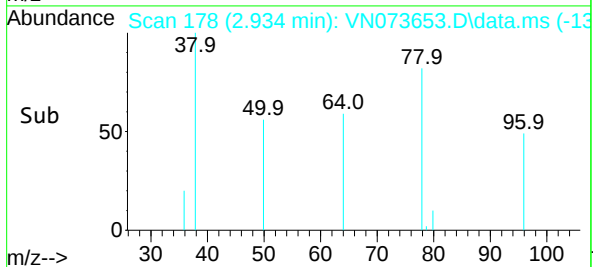
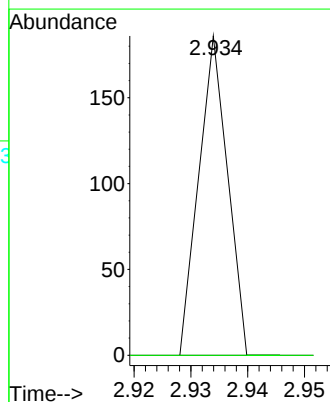
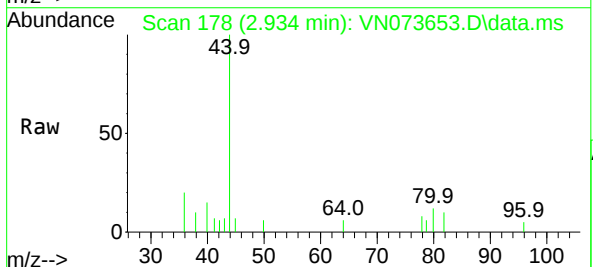
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBL01

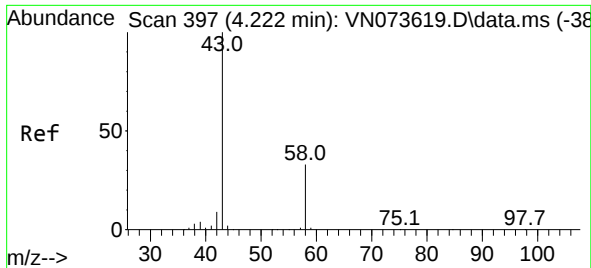
Tgt Ion: 94 Resp: 789
Ion Ratio Lower Upper
94 100
96 59.3 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.934 min Scan# 178
Delta R.T. -0.023 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

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

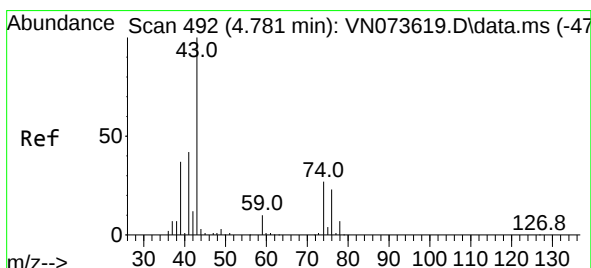
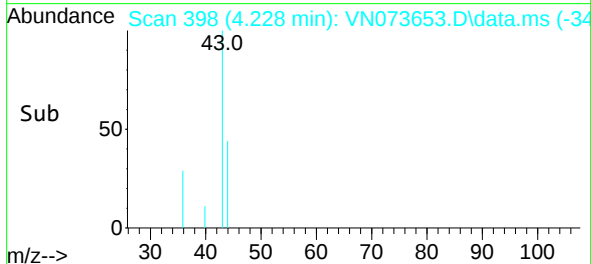
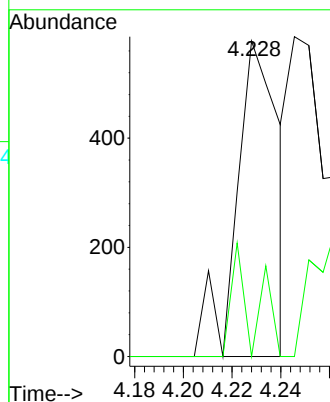
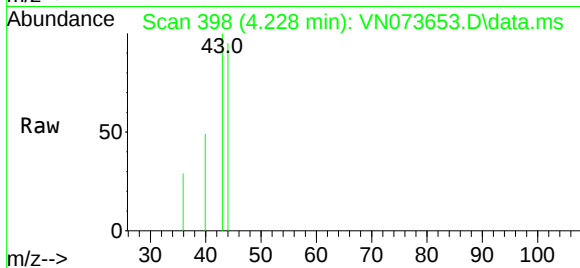




#16
Acetone
Concen: 0.283 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

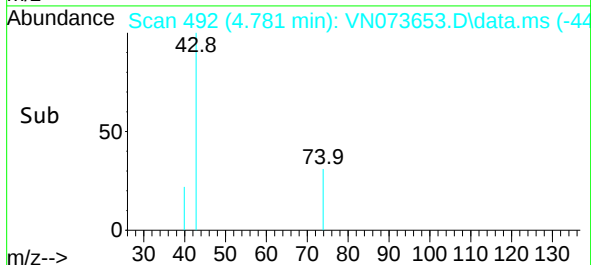
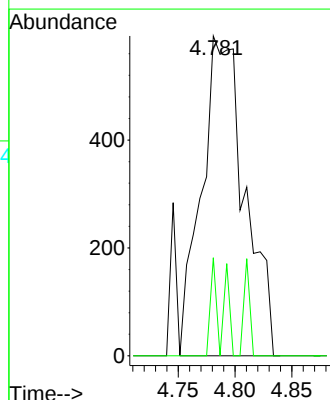
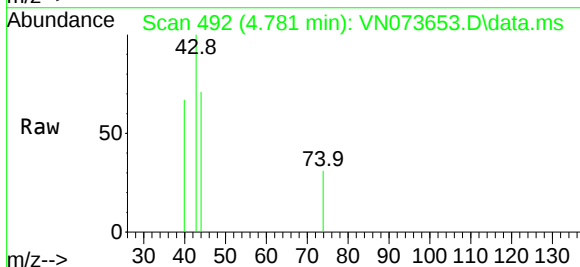
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBL01

Tgt Ion: 43 Resp: 693
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: 0.257 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

Tgt Ion: 43 Resp: 1570
Ion Ratio Lower Upper
43 100
74 8.0 21.6 32.4#

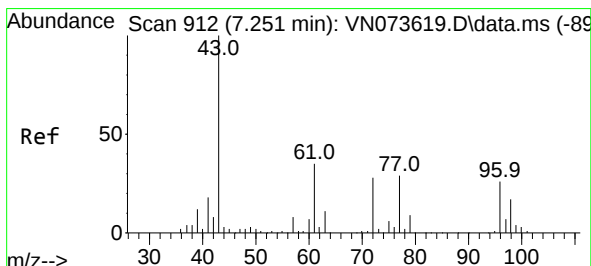
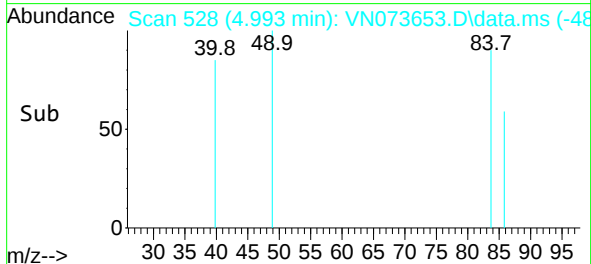
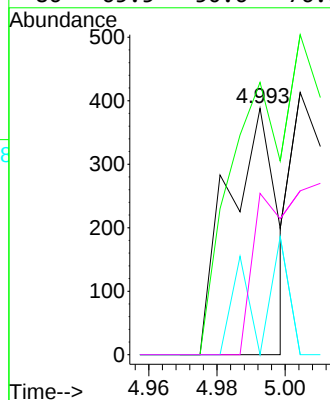
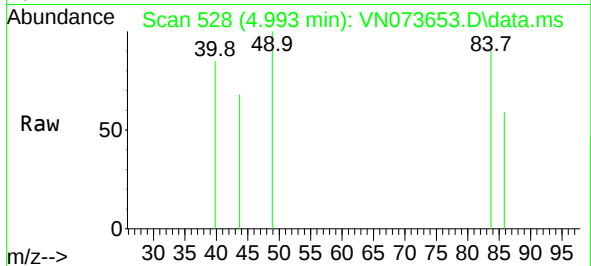




#20
Methylene Chloride
Concen: Below Cal
RT: 4.993 min Scan# 51
Delta R.T. -0.017 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

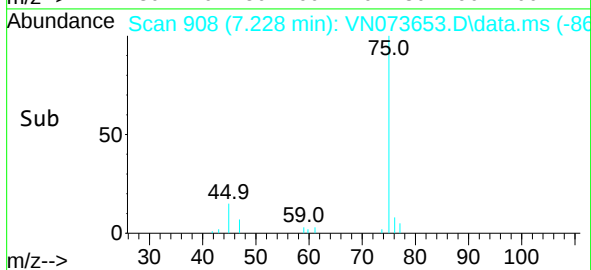
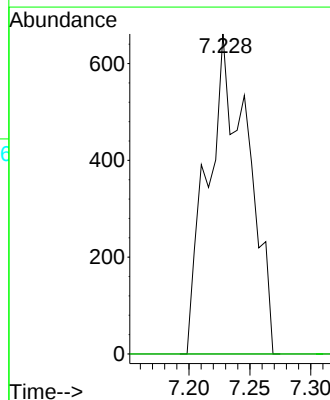
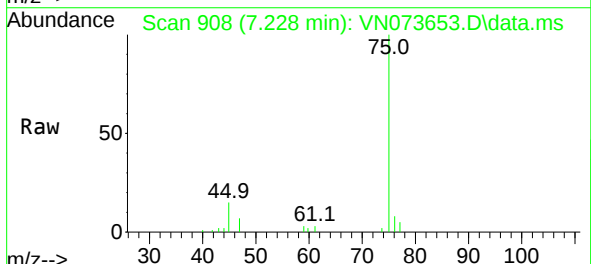
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBL01

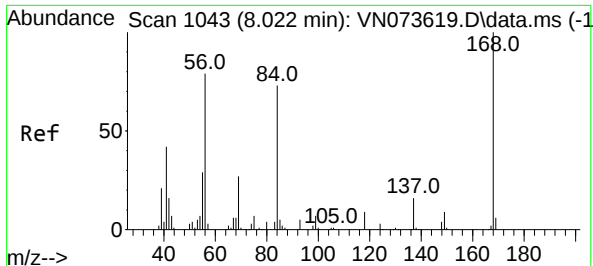
Tgt Ion: 84	Resp:	386	
Ion	Ratio	Lower	Upper
84	100		
49	110.6	88.3	132.5
51	0.0	28.2	42.2#
86	65.5	50.6	76.0



#26
2,2-Dichloropropane
Concen: 0.262 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.023 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

Tgt Ion: 77	Resp:	1519	
Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.4	34.2#





#31

Cyclohexane

Concen: 1.064 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073653.D

Acq: 01 Aug 2022 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBL01

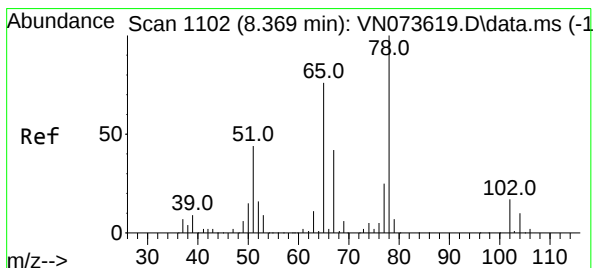
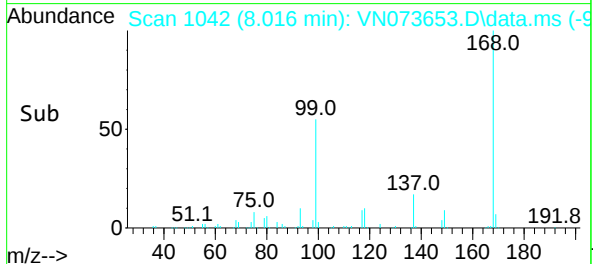
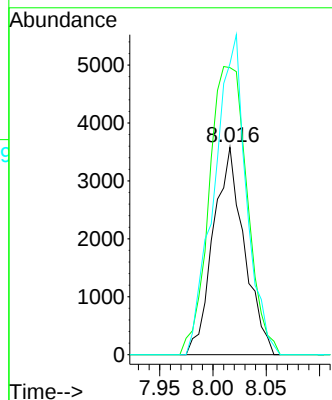
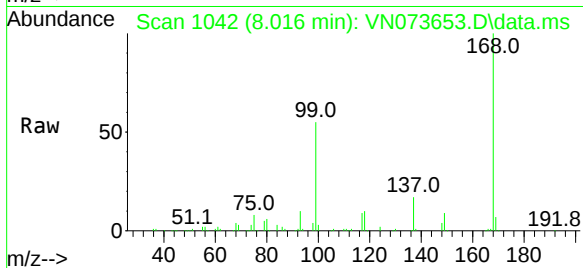
Tgt Ion: 56 Resp: 7233

Ion Ratio Lower Upper

56 100

69 138.4 27.8 41.8#

84 140.4 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 47.906 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073653.D

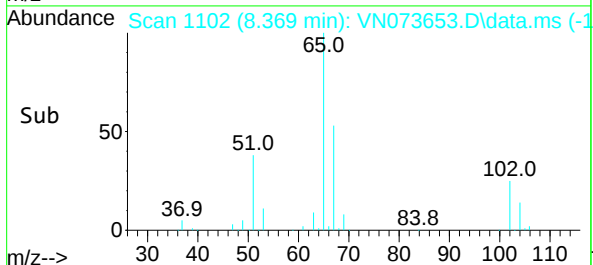
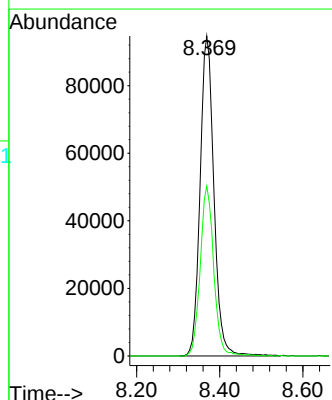
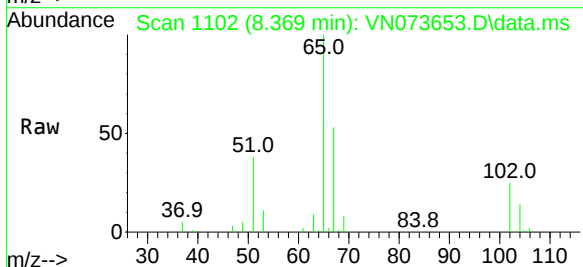
Acq: 01 Aug 2022 12:06

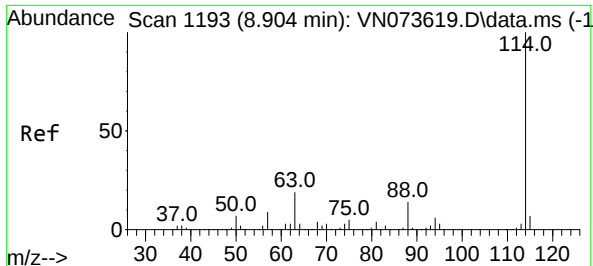
Tgt Ion: 65 Resp: 218771

Ion Ratio Lower Upper

65 100

67 51.8 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: VN073653.D

Acq: 01 Aug 2022 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBL01

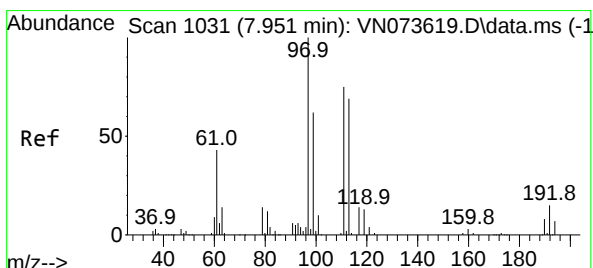
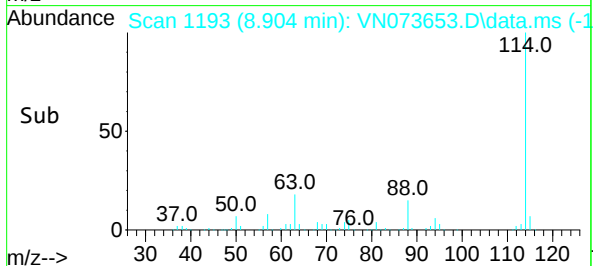
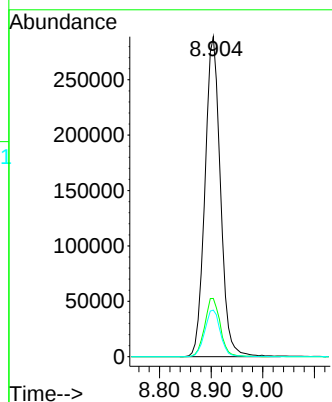
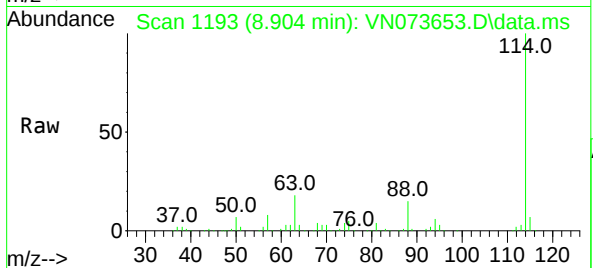
Tgt Ion:114 Resp: 601634

Ion Ratio Lower Upper

114 100

63 18.2 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.797 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073653.D

Acq: 01 Aug 2022 12:06

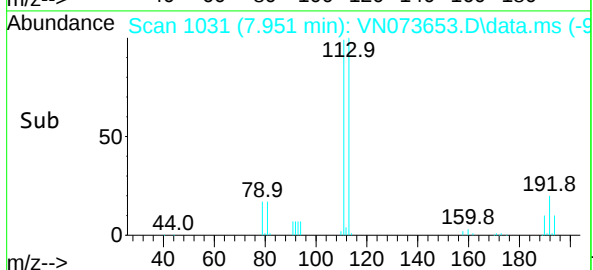
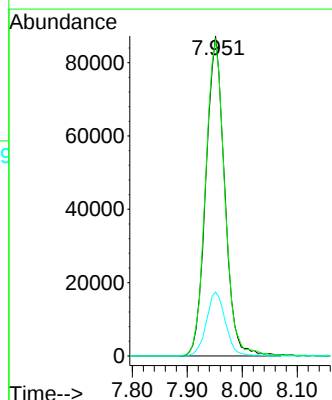
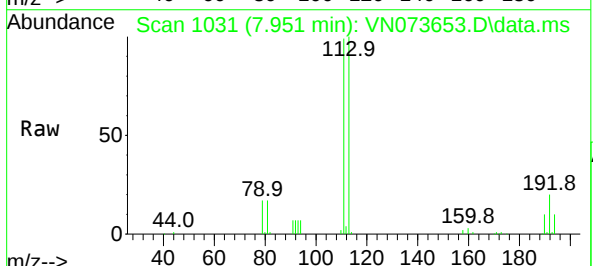
Tgt Ion:113 Resp: 207017

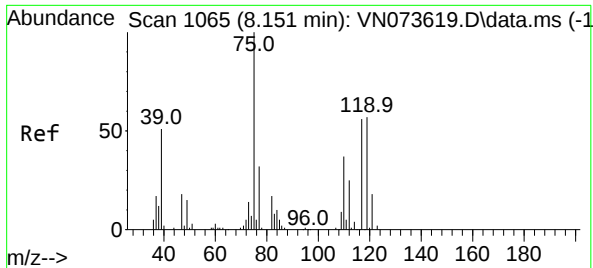
Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

192 20.4 17.0 25.6

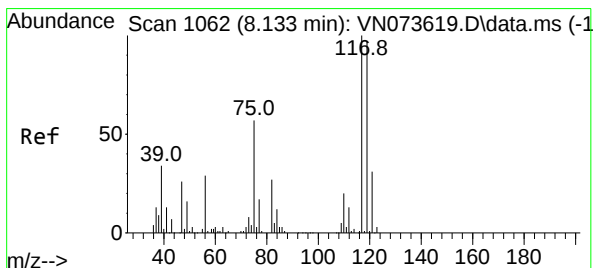
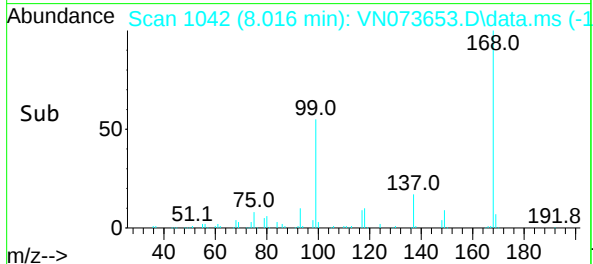
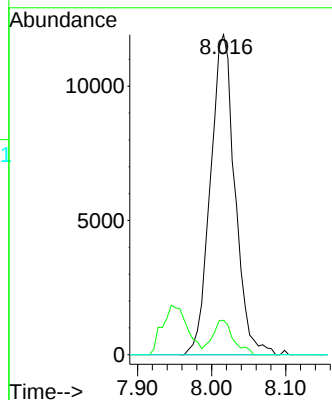
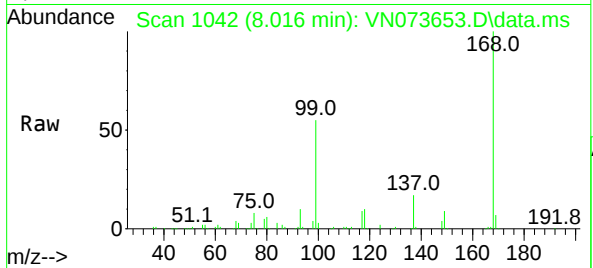




#36
1,1-Dichloropropene
Concen: 5.083 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

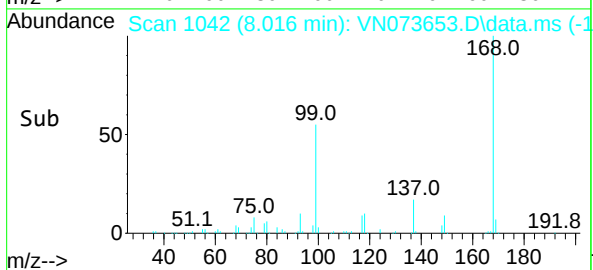
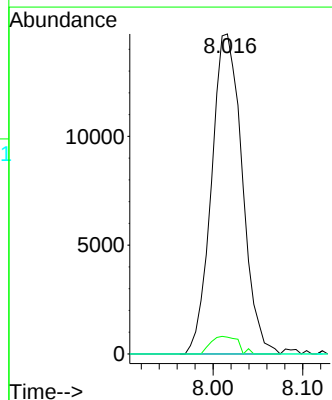
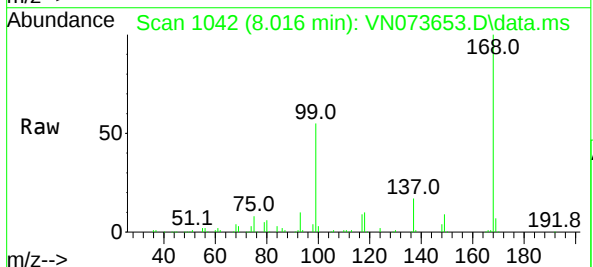
Instrument :
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VN0801WBL01

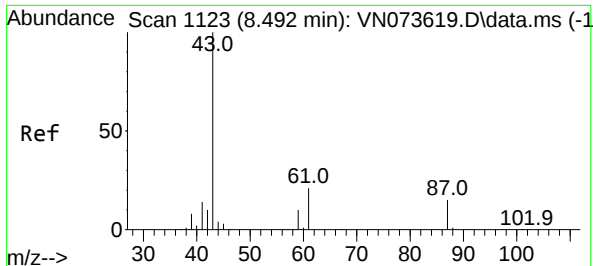
Tgt Ion: 75 Resp: 27368
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.387 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

Tgt Ion: 117 Resp: 34927
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.642 ug/l

RT: 8.734 min Scan# 1164

Delta R.T. 0.241 min

Lab File: VN073653.D

Acq: 01 Aug 2022 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBL01

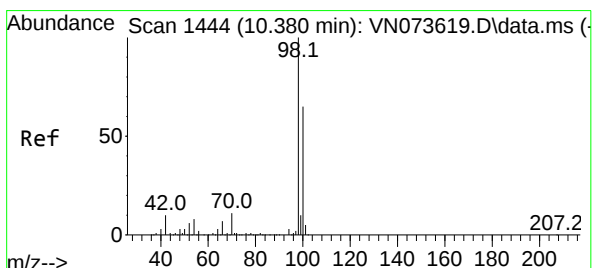
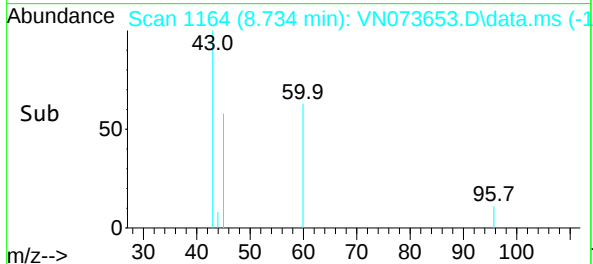
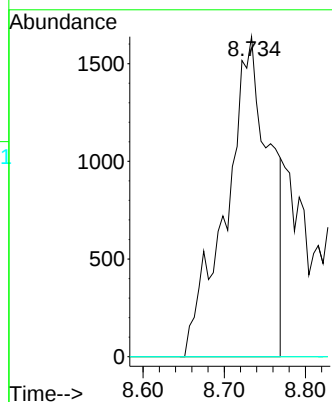
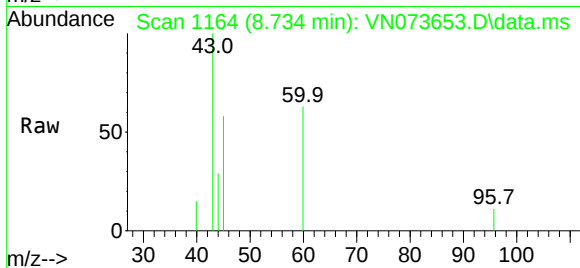
Tgt Ion: 43 Resp: 6149

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 44.926 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073653.D

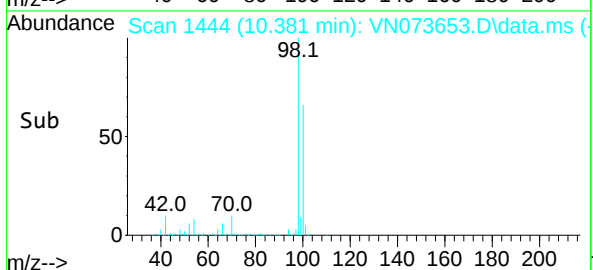
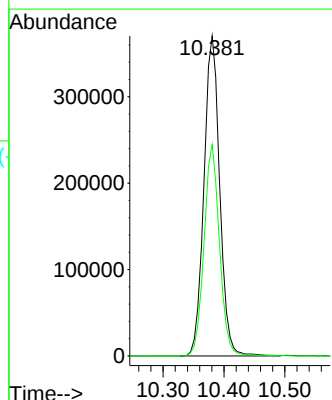
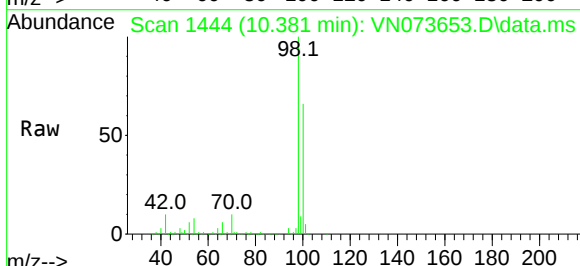
Acq: 01 Aug 2022 12:06

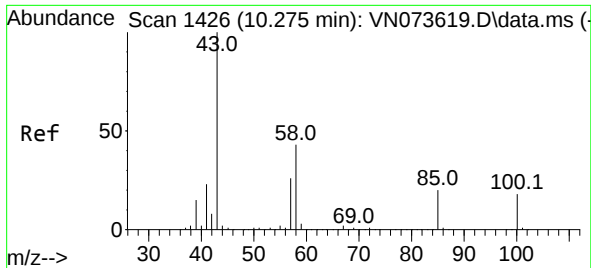
Tgt Ion: 98 Resp: 667893

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

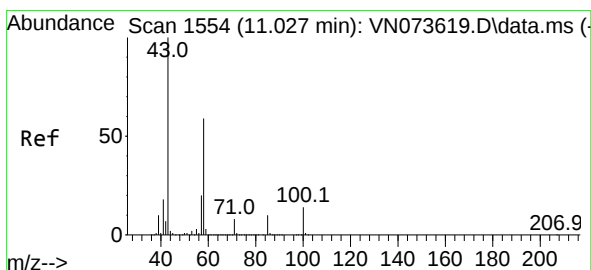
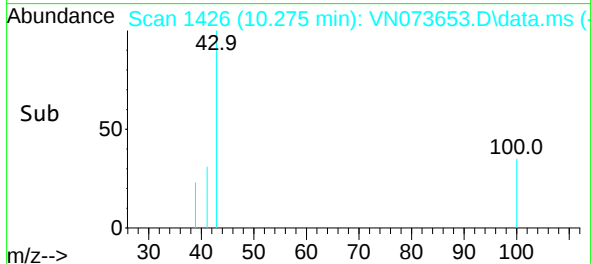
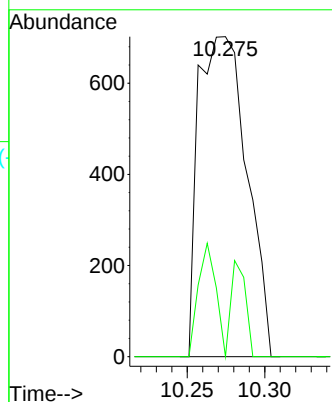
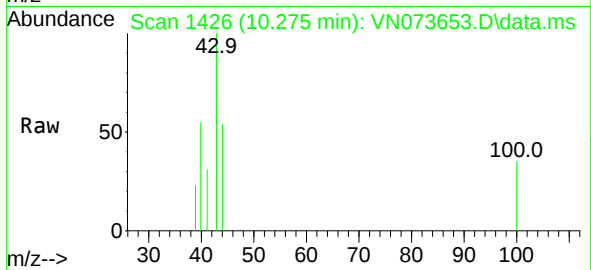




#51
4-Methyl-2-Pentanone
Concen: 0.222 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

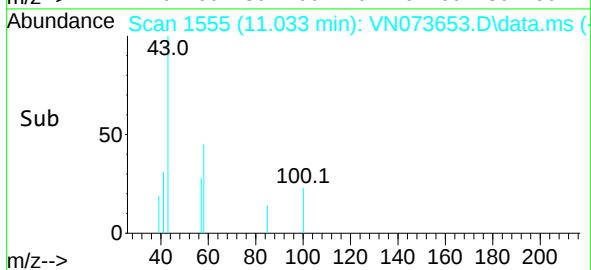
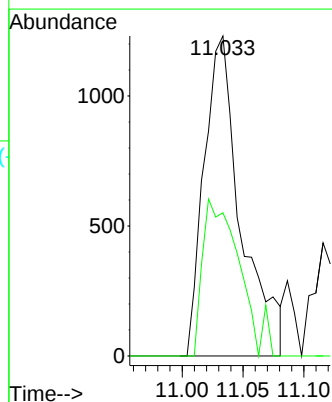
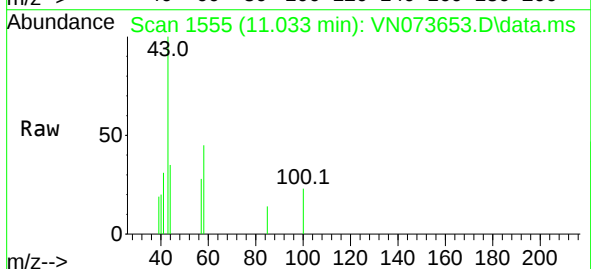
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBL01

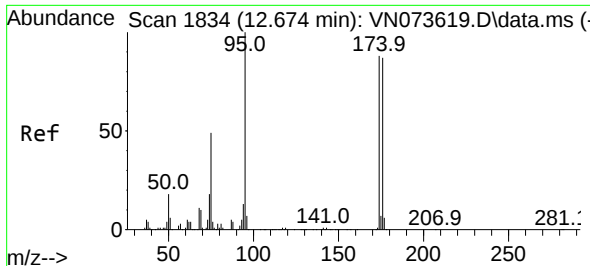
Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
58 12.9 34.1 51.1#



#59
2-Hexanone
Concen: 0.499 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

Tgt Ion: 43 Resp: 2598
Ion Ratio Lower Upper
43 100
58 48.6 29.7 89.1

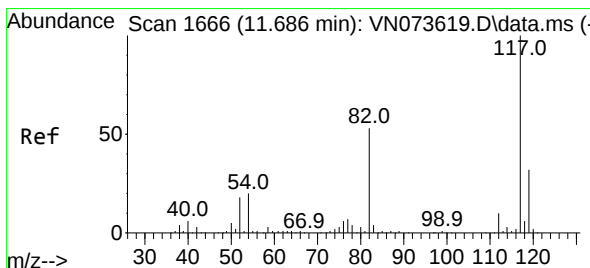
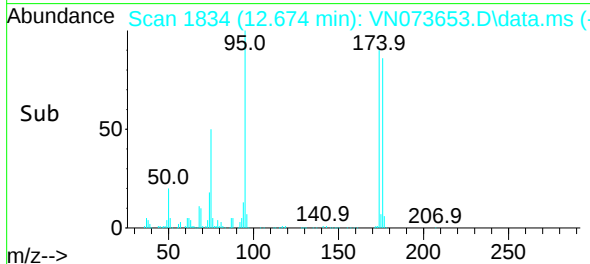
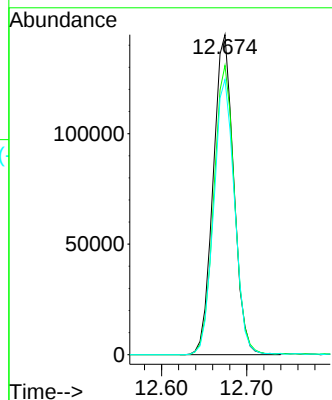
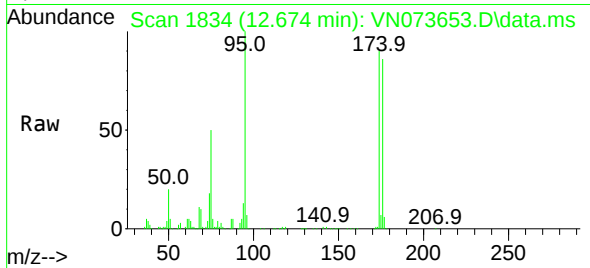




#62
4-Bromofluorobenzene
Concen: 49.086 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

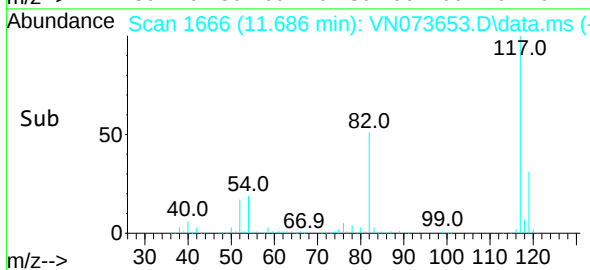
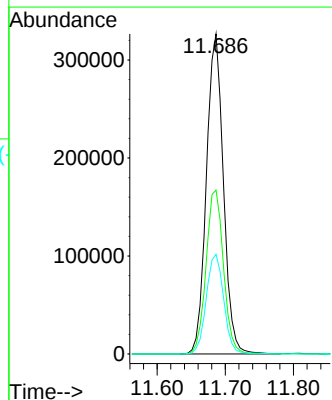
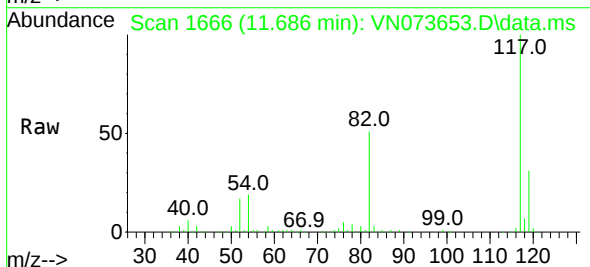
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBL01

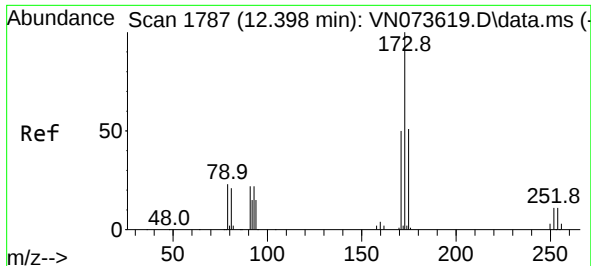
Tgt Ion: 95 Resp: 242939
Ion Ratio Lower Upper
95 100
174 91.2 0.0 167.6
176 86.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

Tgt Ion: 117 Resp: 567163
Ion Ratio Lower Upper
117 100
82 51.2 44.2 66.2
119 31.2 25.4 38.0

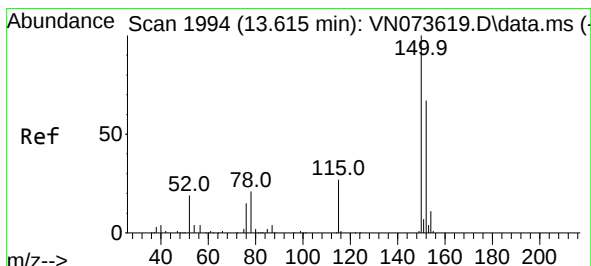
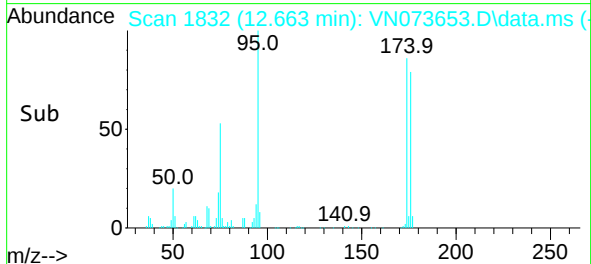
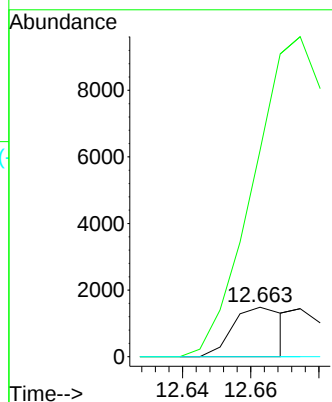
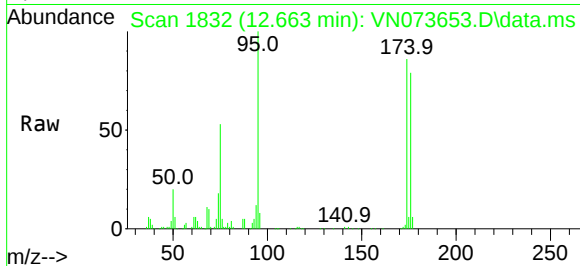




#71
Bromoform
Concen: 0.433 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

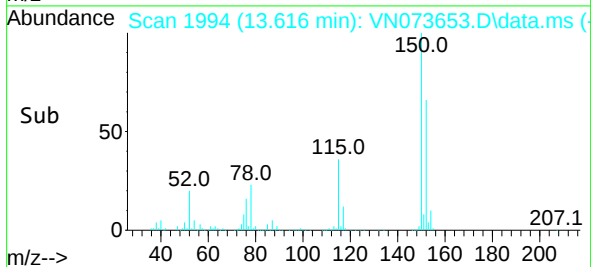
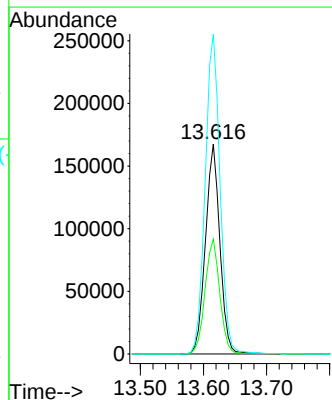
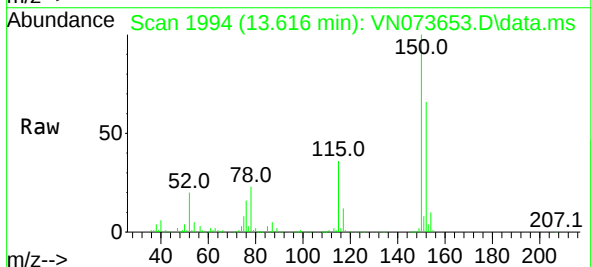
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBL01

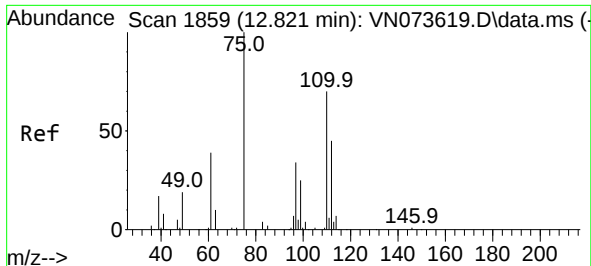
Tgt Ion:173 Resp: 1545
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

Tgt Ion:152 Resp: 266369
Ion Ratio Lower Upper
152 100
115 56.0 28.9 86.7
150 157.0 0.0 356.2

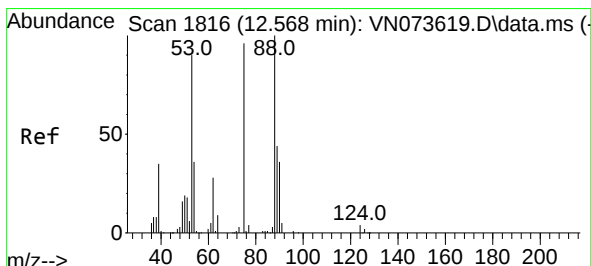
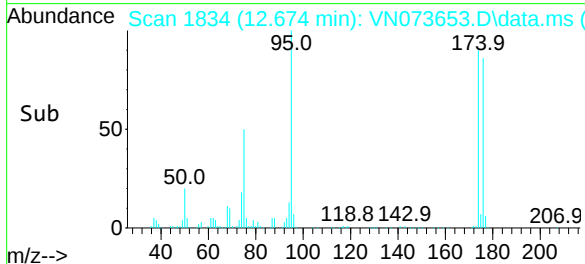
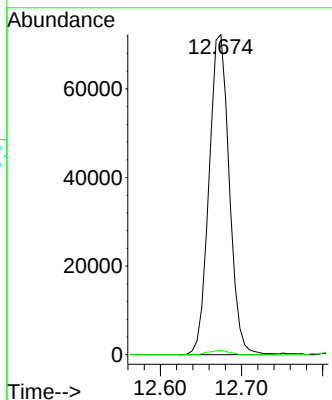
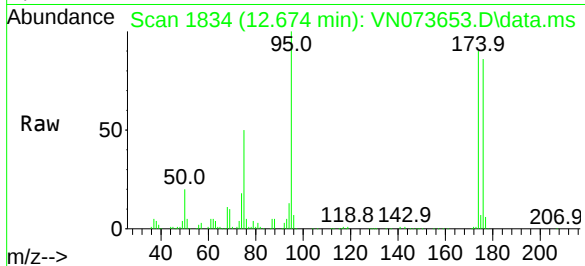




#76
1,2,3-Trichloropropane
Concen: 23.981 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

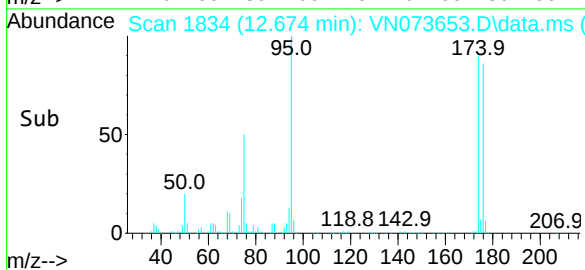
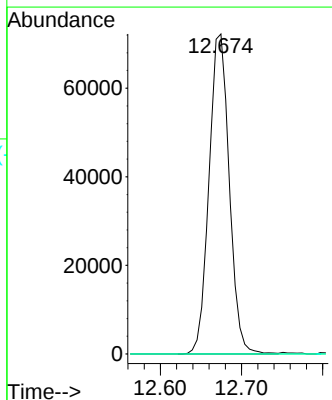
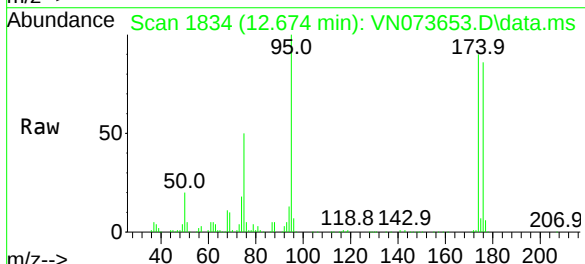
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBL01

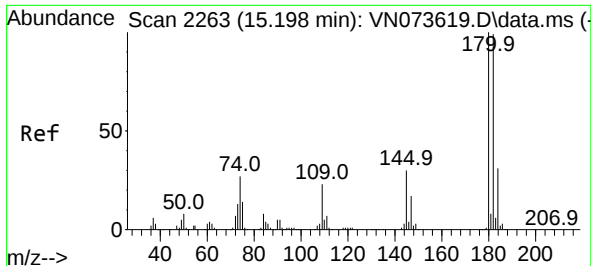
Tgt Ion: 75 Resp: 125204
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.914 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

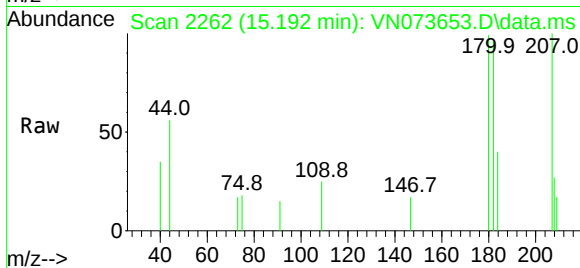
Tgt Ion: 75 Resp: 125204
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



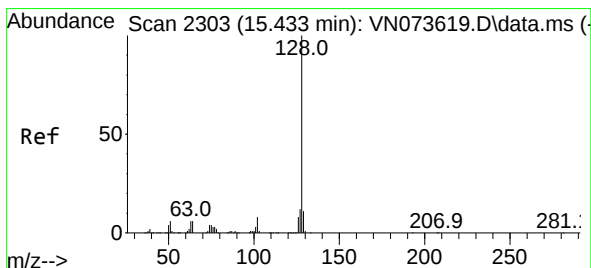
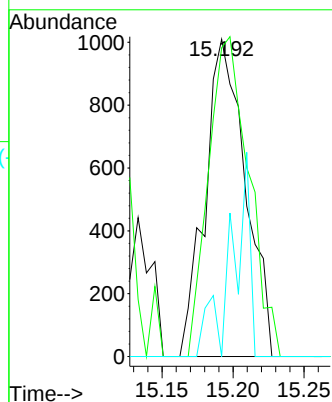
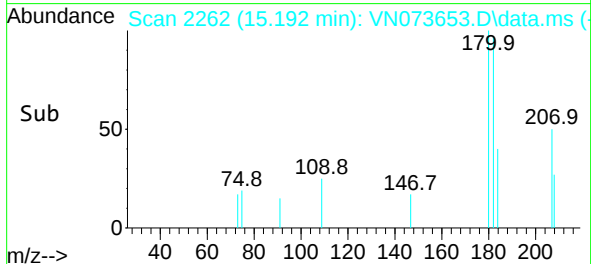


#93
1,2,4-Trichlorobenzene
Concen: 0.428 ug/l
RT: 15.192 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06

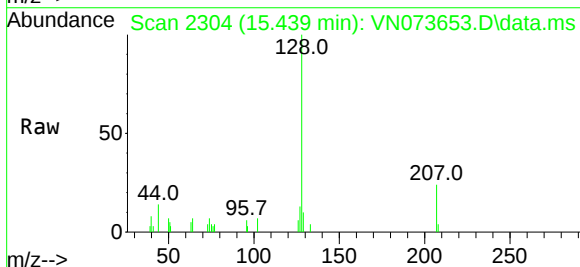
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBL01



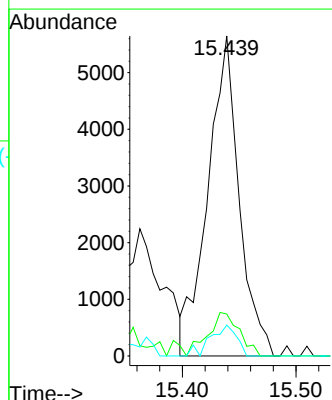
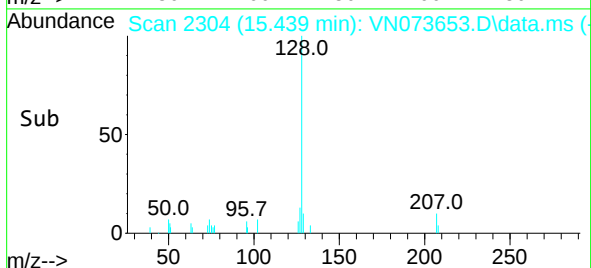
Tgt Ion:180 Resp: 1994
Ion Ratio Lower Upper
180 100
182 100.7 47.5 142.5
145 29.2 14.5 43.5

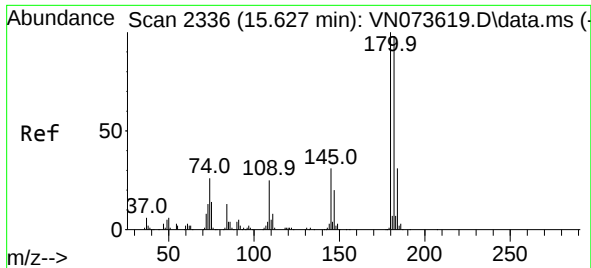


#95
Naphthalene
Concen: 0.714 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN073653.D
Acq: 01 Aug 2022 12:06



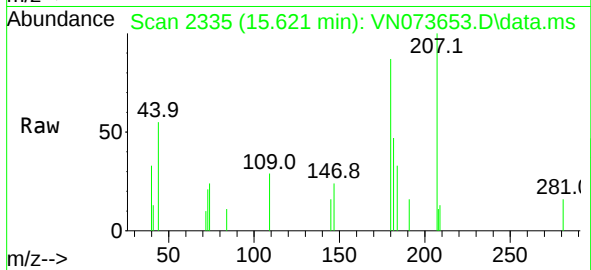
Tgt Ion:128 Resp: 10811
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 8.1 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.559 ug/l
 RT: 15.621 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN073653.D
 Acq: 01 Aug 2022 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBL01



Tgt Ion:	180	Resp:	2746
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	9.3	15.5	46.5#

