

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
 Data File : VN073753.D
 Acq On : 05 Aug 2022 11:15
 Operator : JC\MD
 Sample : VN0805MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805MBL01

Quant Time: Aug 07 20:46:34 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)

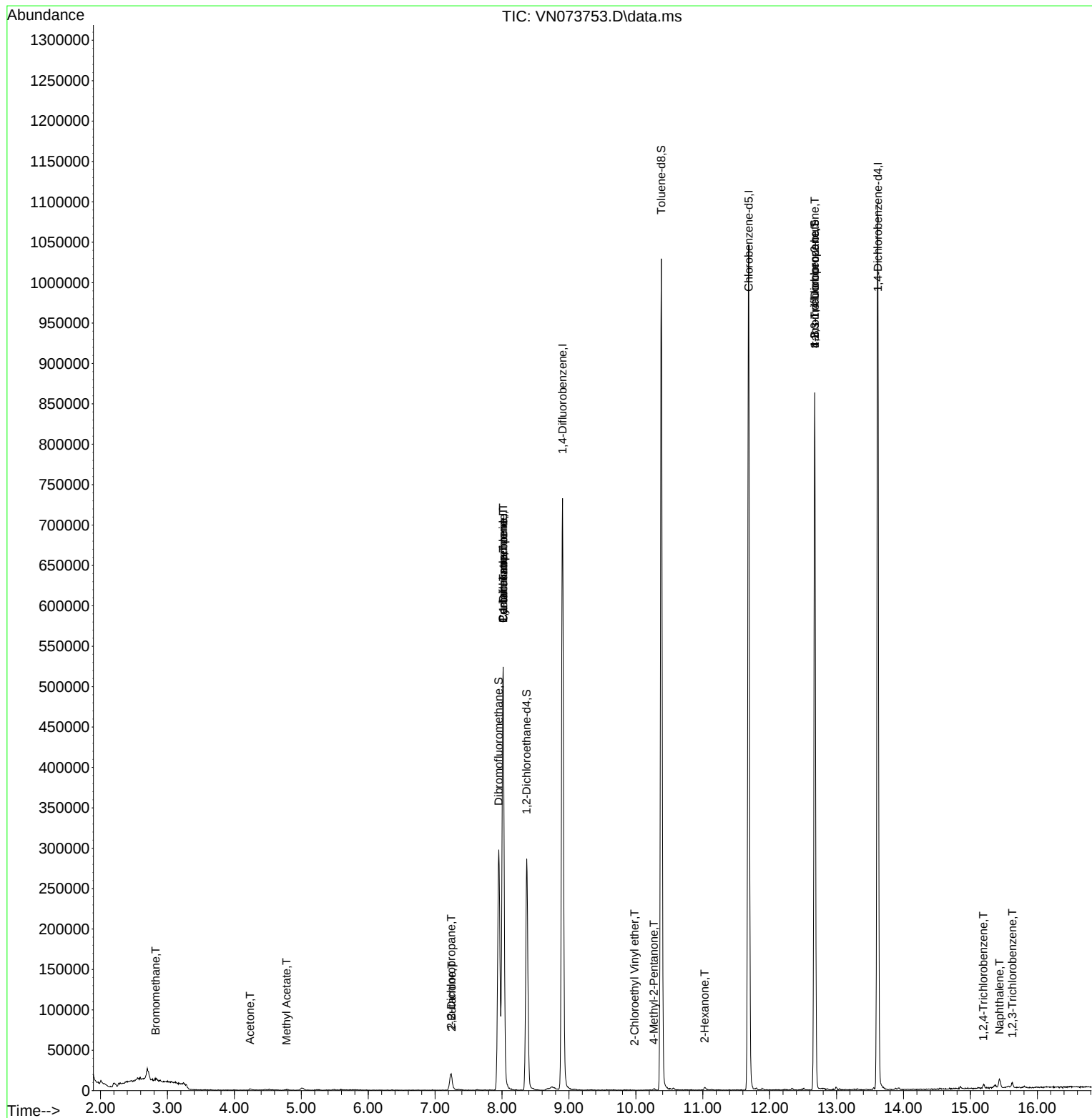
Internal Standards						
1) Pentafluorobenzene	8.016	168	428613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	679698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	634936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	312717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	233638	44.730	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.460%		
35) Dibromofluoromethane	7.951	113	222204	52.062	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.120%		
50) Toluene-d8	10.381	98	722824	43.037	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.080%		
62) 4-Bromofluorobenzene	12.675	95	275224	49.201	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.400%		
Target Compounds					Qvalue	
3) Chloromethane	2.263	50	908	Below Cal		99
5) Bromomethane	2.822	94	1840	0.436 ug/l #		80
6) Chloroethane	2.952	64	494	Below Cal #		60
16) Acetone	4.234	43	2332	0.831 ug/l #		77
18) Methyl Acetate	4.781	43	1992	0.285 ug/l #		63
20) Methylene Chloride	4.999	84	1509	Below Cal #		79
25) 2-Butanone	7.245	43	980	0.225 ug/l #		45
26) 2,2-Dichloropropane	7.240	77	1468	0.221 ug/l #		53
31) Cyclohexane	8.016	56	7952	1.023 ug/l #		8
36) 1,1-Dichloropropene	8.016	75	30898	5.079 ug/l #		49
38) Carbon Tetrachloride	8.016	117	39487	6.391 ug/l #		17
51) 4-Methyl-2-Pentanone	10.269	43	1689	0.218 ug/l #		59
58) 2-Chloroethyl Vinyl ether	9.981	63	61	9.958 ug/l #		44
59) 2-Hexanone	11.028	43	3375	0.574 ug/l		87
76) 1,2,3-Trichloropropane	12.675	75	141671	22.988 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.675	75	141671	58.710 ug/l #		10
93) 1,2,4-Trichlorobenzene	15.192	180	2211	0.404 ug/l		95
95) Naphthalene	15.433	128	12146	0.684 ug/l #		95
96) 1,2,3-Trichlorobenzene	15.627	180	2792	0.484 ug/l		89

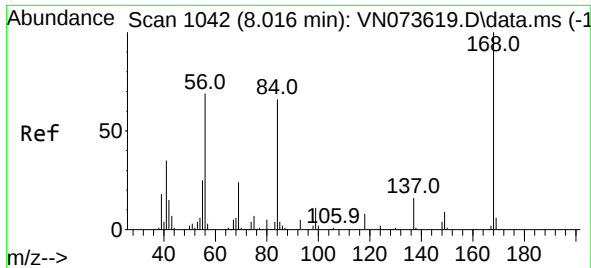
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
Data File : VN073753.D
Acq On : 05 Aug 2022 11:15
Operator : JC\MD
Sample : VN0805MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0805MBL01

Quant Time: Aug 07 20:46:34 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

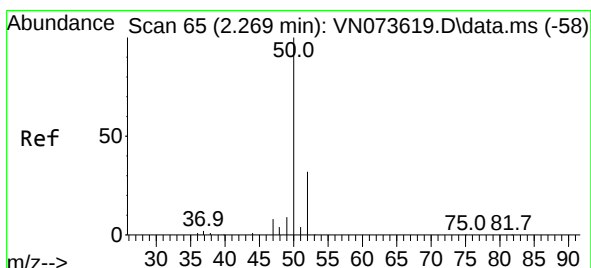
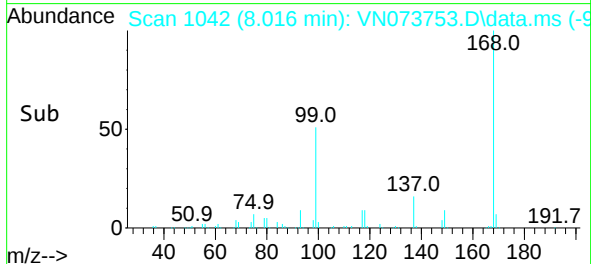
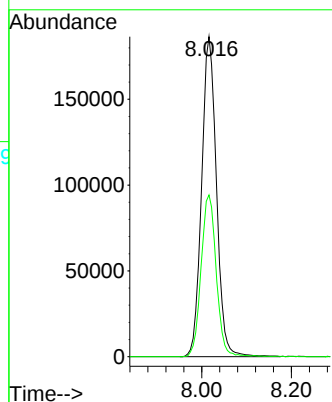
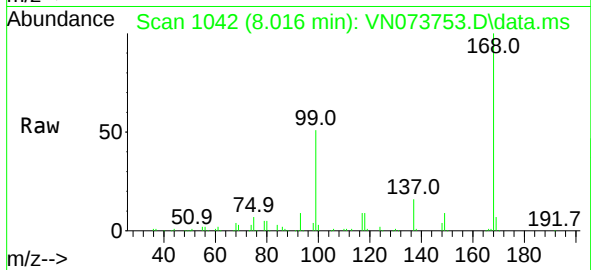




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

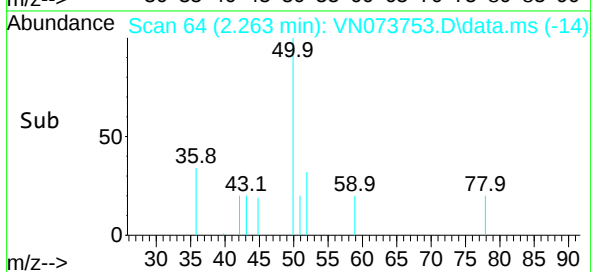
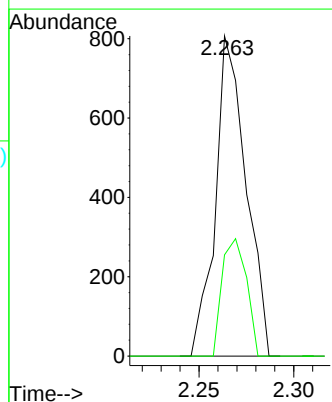
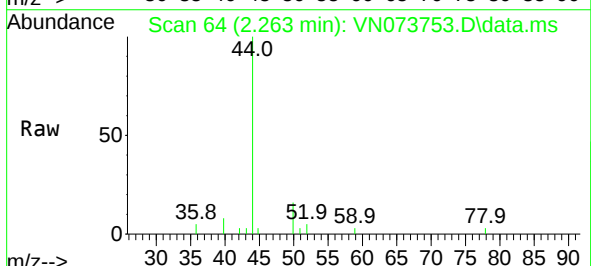
Instrument :
MSVOA_N
ClientSampleId :
VN0805MBL01

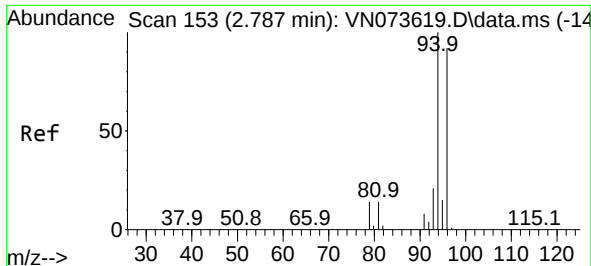
Tgt Ion:168 Resp: 428613
Ion Ratio Lower Upper
168 100
99 50.6 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 50 Resp: 908
Ion Ratio Lower Upper
50 100
52 31.6 25.7 38.5

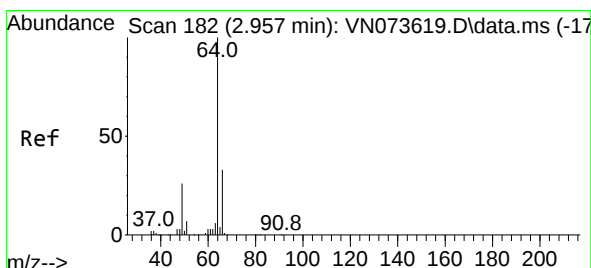
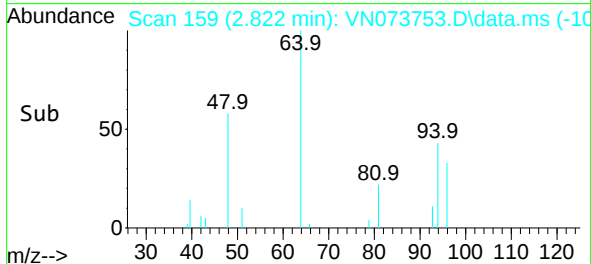
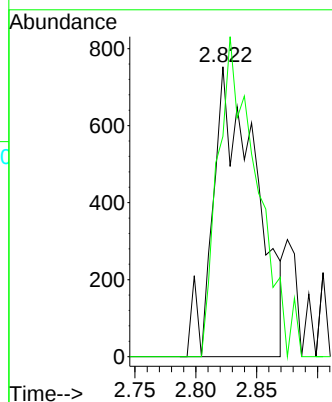
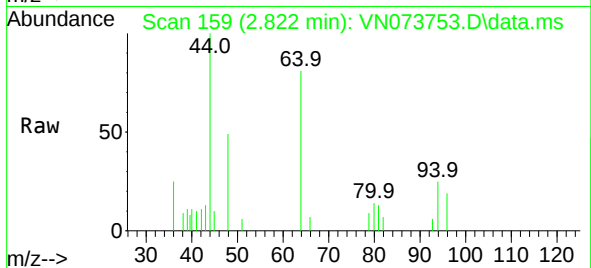




#5
Bromomethane
Concen: 0.436 ug/l
RT: 2.822 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

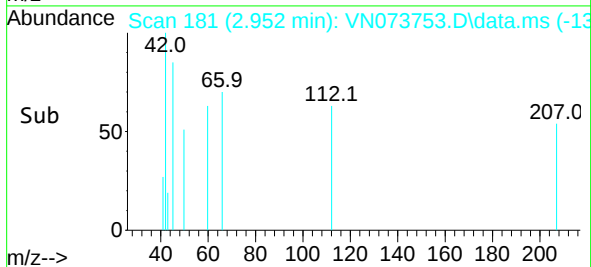
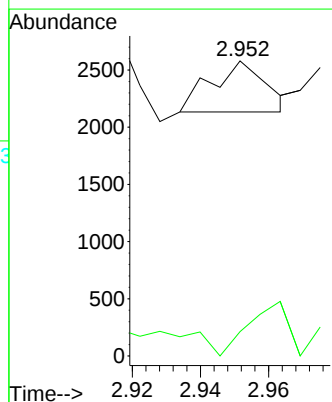
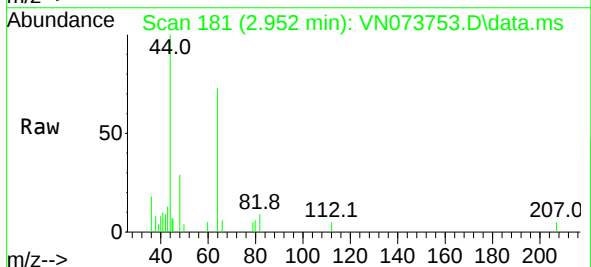
Instrument :
MSVOA_N
ClientSampleId :
VN0805MBL01

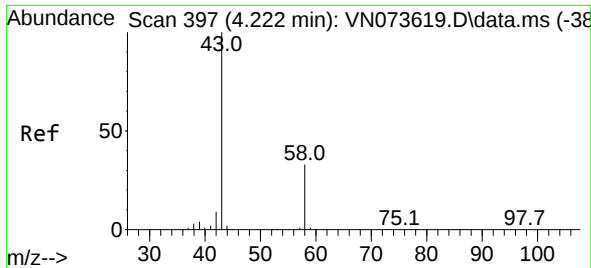
Tgt Ion: 94 Resp: 1840
Ion Ratio Lower Upper
94 100
96 76.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.952 min Scan# 181
Delta R.T. -0.005 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 64 Resp: 494
Ion Ratio Lower Upper
64 100
66 10.1 26.2 39.4#

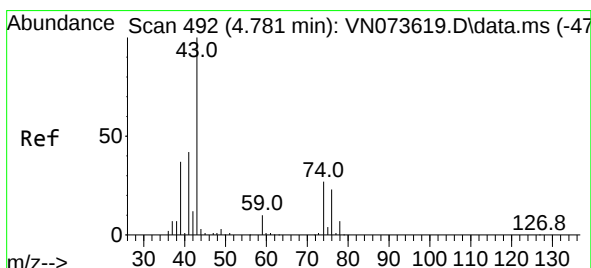
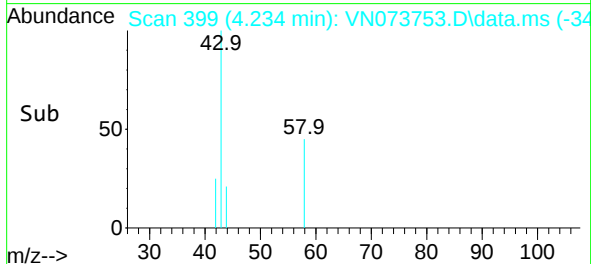
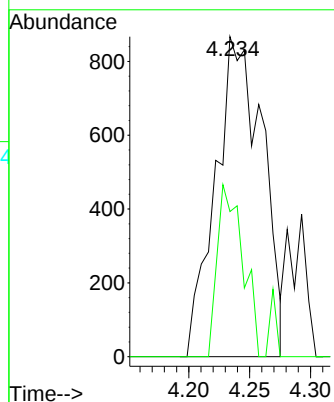
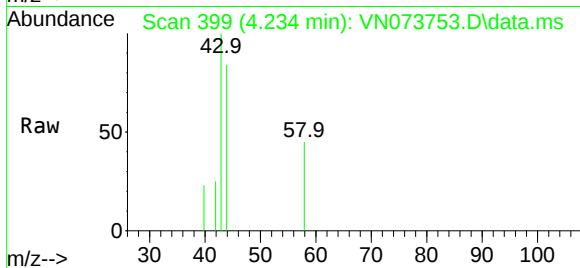




#16
Acetone
Concen: 0.831 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

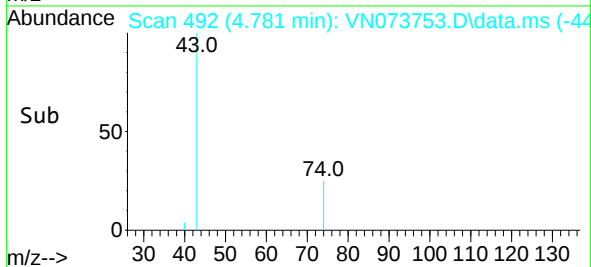
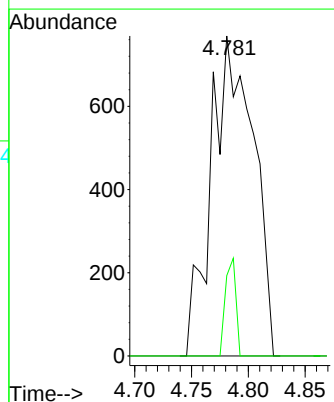
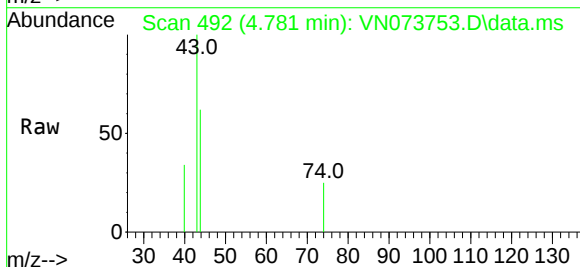
Instrument :
MSVOA_N
ClientSampleId :
VN0805MBL01

Tgt Ion: 43 Resp: 2332
Ion Ratio Lower Upper
43 100
58 45.3 26.0 39.0#



#18
Methyl Acetate
Concen: 0.285 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

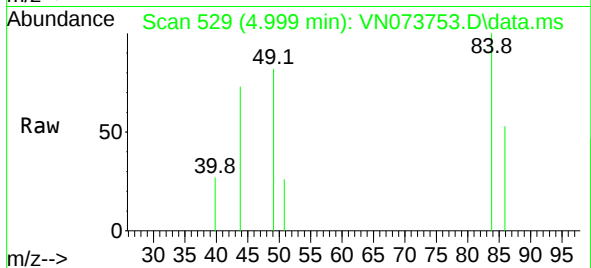
Tgt Ion: 43 Resp: 1992
Ion Ratio Lower Upper
43 100
74 7.6 21.6 32.4#





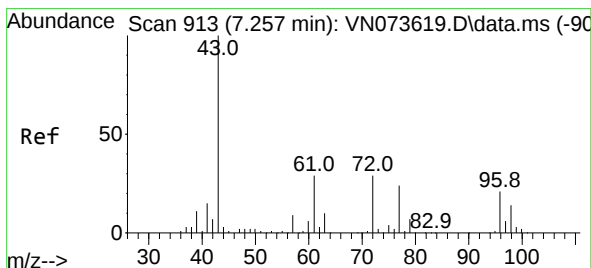
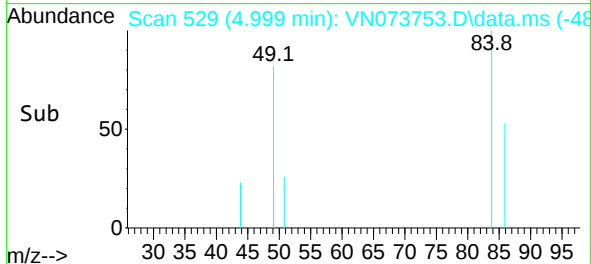
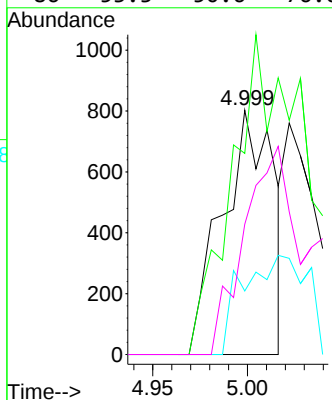
#20
Methylene Chloride
Concen: Below Cal
RT: 4.999 min Scan# 51
Delta R.T. -0.011 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0805MBL01



Tgt Ion: 84 Resp: 1509

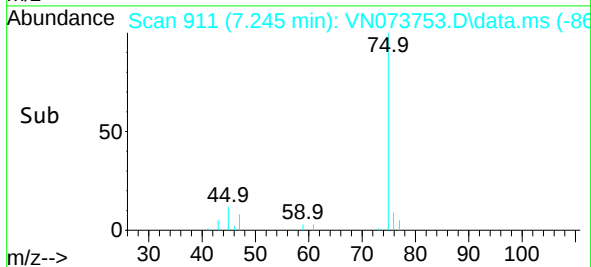
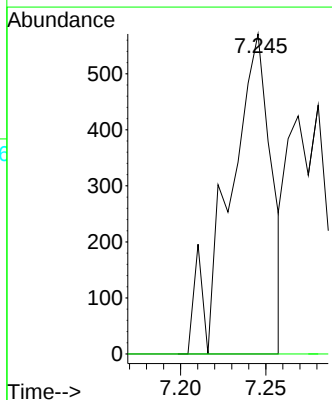
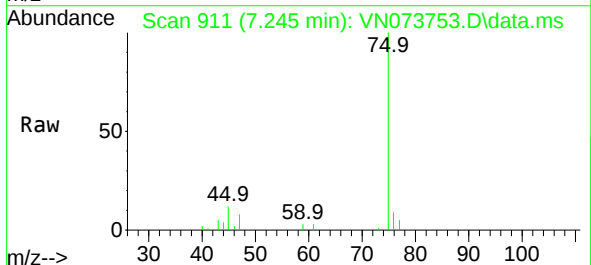
Ion	Ratio	Lower	Upper
84	100		
49	82.3	88.3	132.5#
51	26.0	28.2	42.2#
86	53.3	50.6	76.0

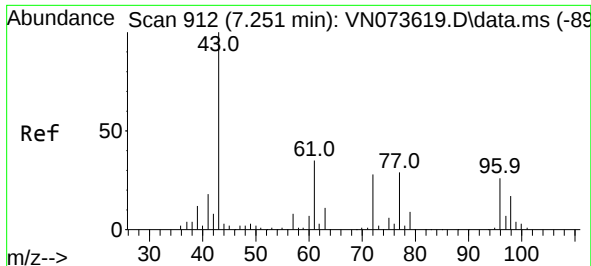


#25
2-Butanone
Concen: 0.225 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.012 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 43 Resp: 980

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#26

2,2-Dichloropropane

Concen: 0.221 ug/l

RT: 7.240 min Scan# 912

Delta R.T. -0.012 min

Lab File: VN073753.D

Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

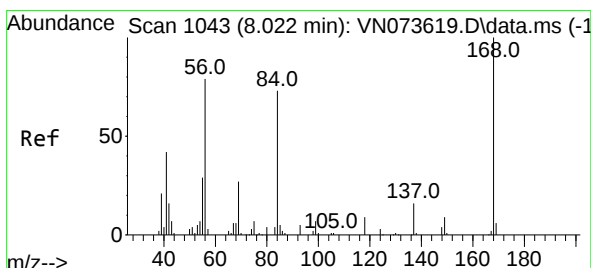
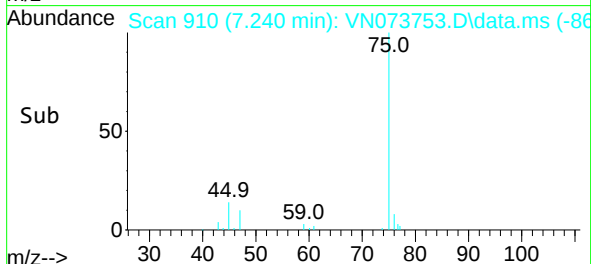
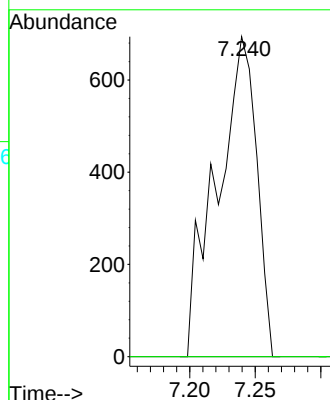
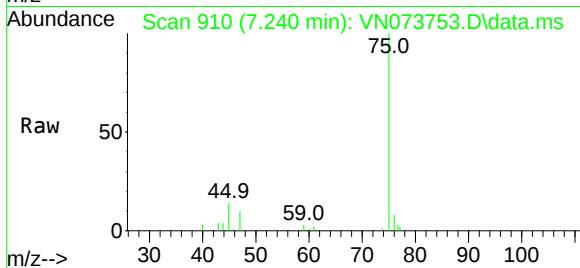
VN0805MBL01

Tgt Ion: 77 Resp: 1468

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#31

Cyclohexane

Concen: 1.023 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073753.D

Acq: 05 Aug 2022 11:15

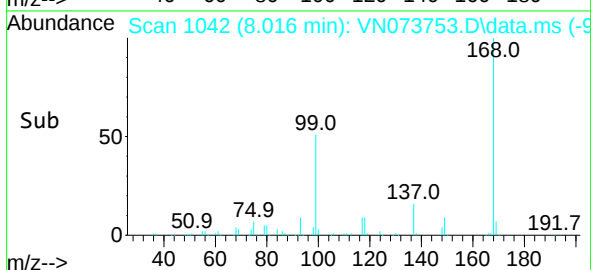
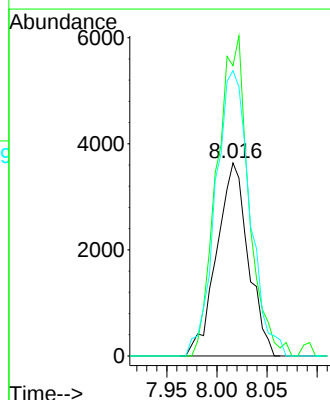
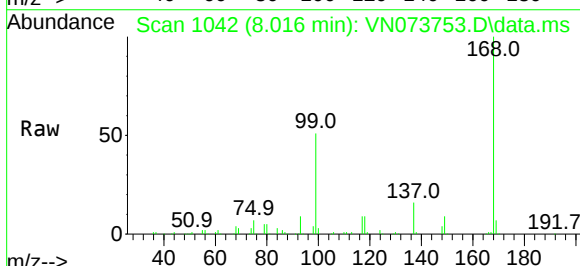
Tgt Ion: 56 Resp: 7952

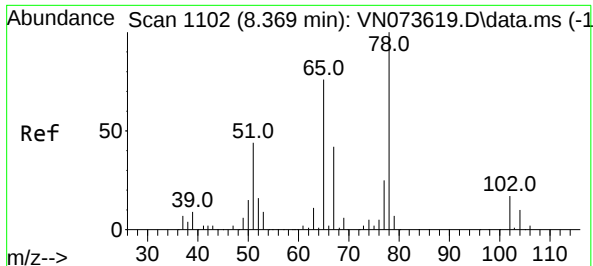
Ion Ratio Lower Upper

56 100

69 150.4 27.8 41.8#

84 147.9 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 44.730 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073753.D

Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

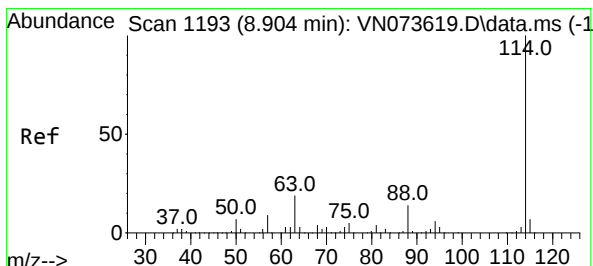
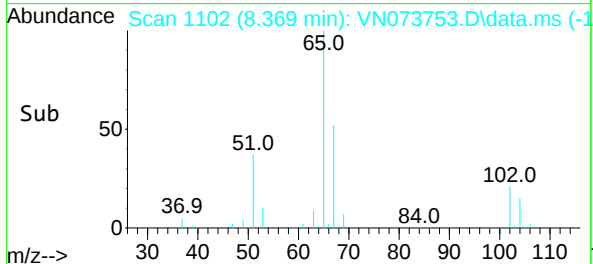
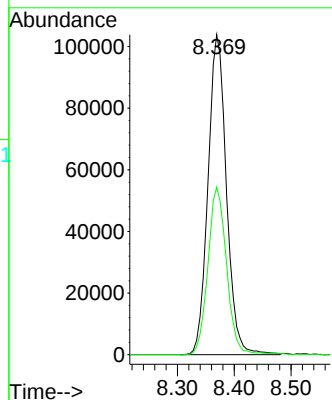
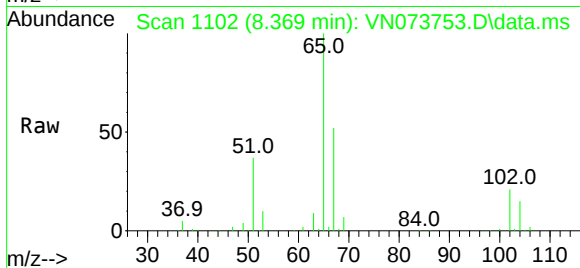
VN0805MBL01

Tgt Ion: 65 Resp: 233638

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073753.D

Acq: 05 Aug 2022 11:15

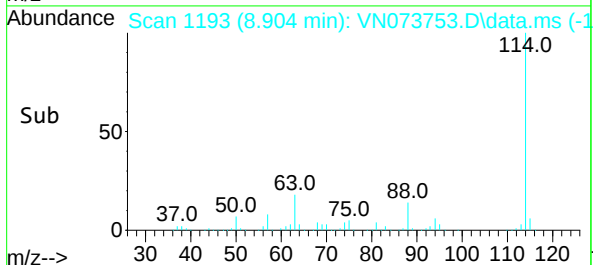
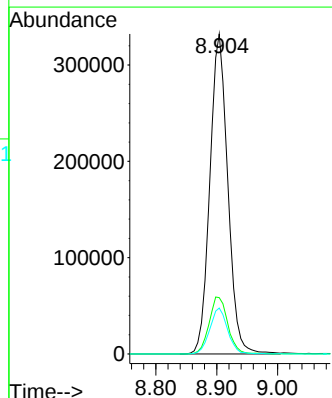
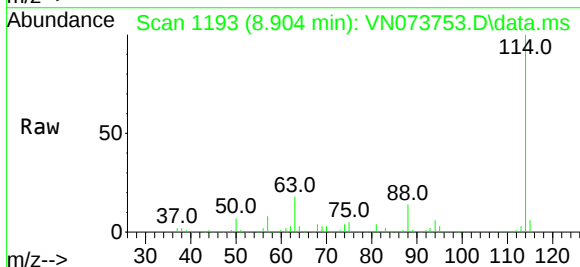
Tgt Ion: 114 Resp: 679698

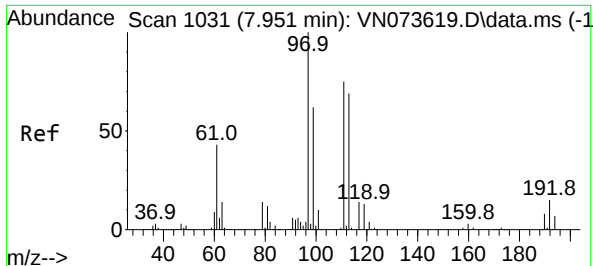
Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.0

88 14.3 0.0 32.6

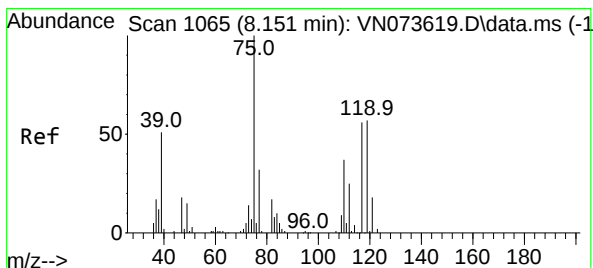
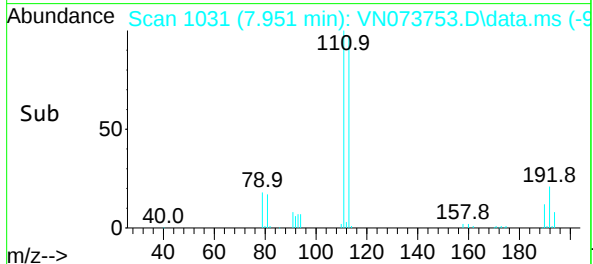
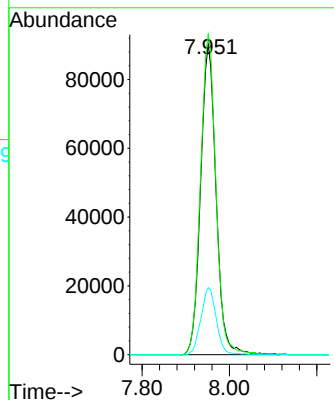
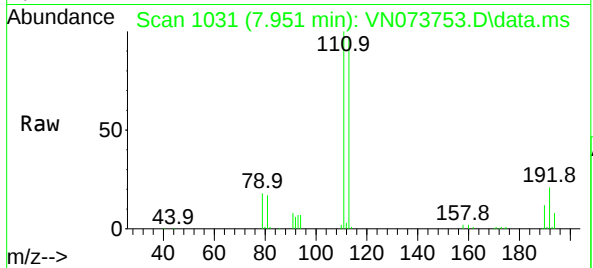




#35
Dibromofluoromethane
Concen: 52.062 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

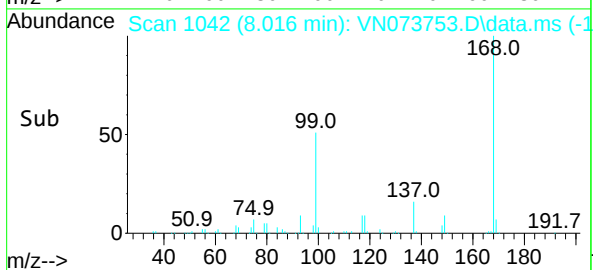
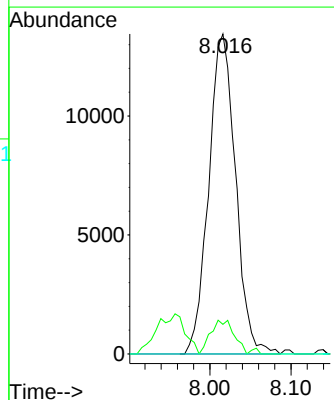
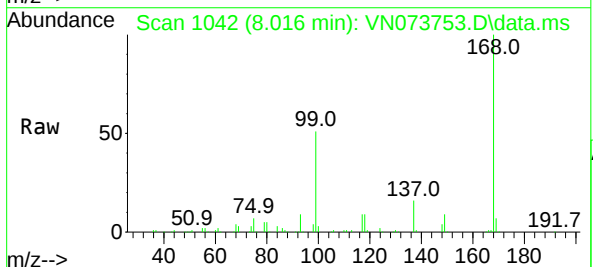
Instrument :
MSVOA_N
ClientSampleId :
VN0805MBL01

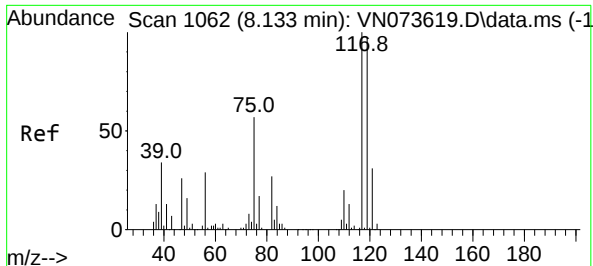
Tgt Ion:113 Resp: 222204
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 21.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.079 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 75 Resp: 30898
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 25.1 37.7#

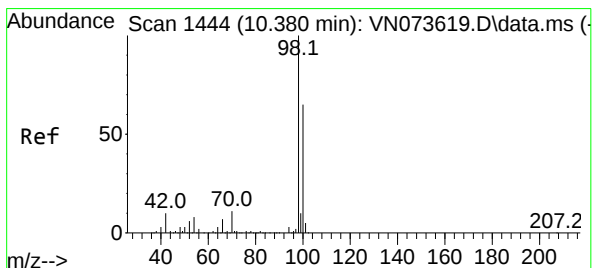
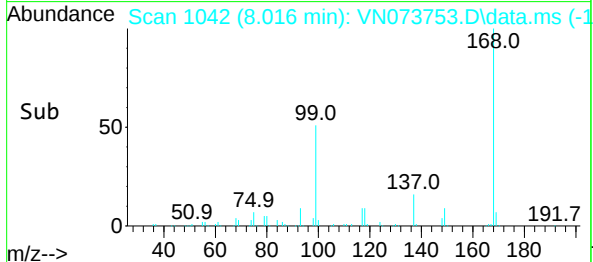
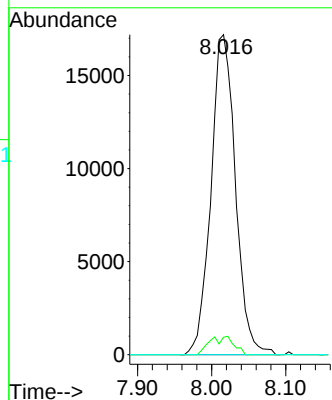
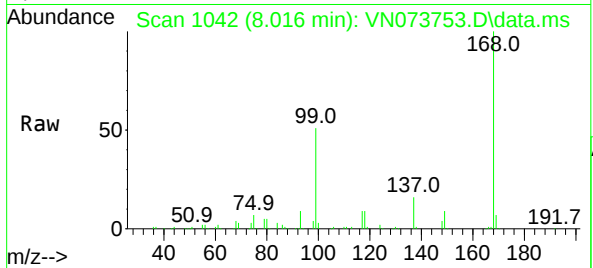




#38
Carbon Tetrachloride
Concen: 6.391 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

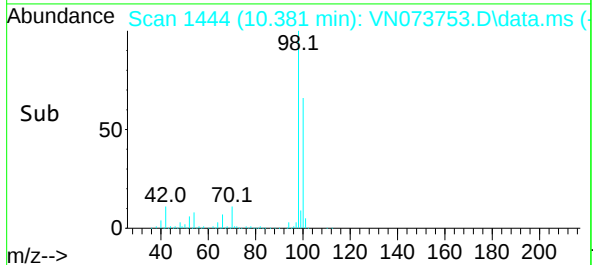
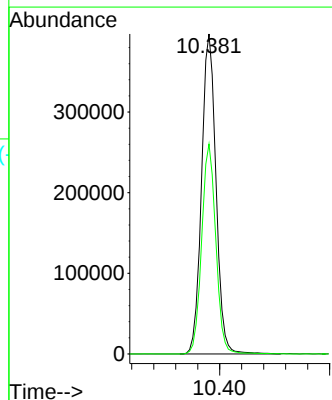
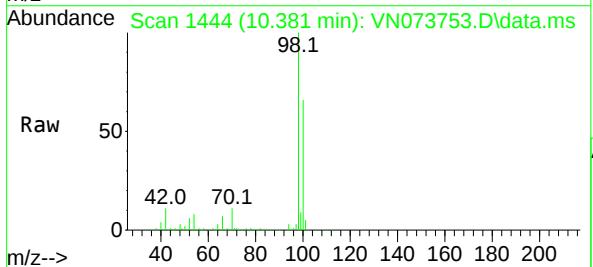
Instrument :
MSVOA_N
ClientSampleId :
VN0805MBL01

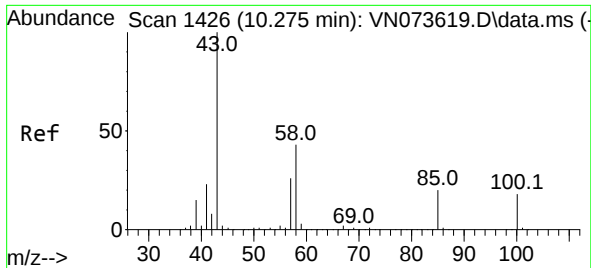
Tgt Ion:117 Resp: 39487
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 43.037 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 98 Resp: 722824
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

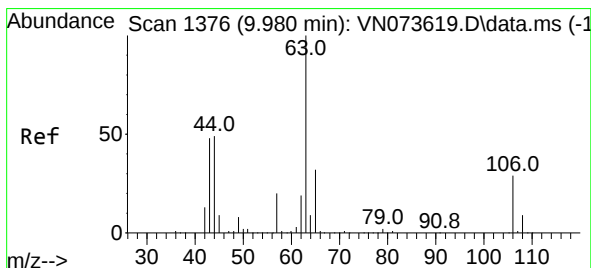
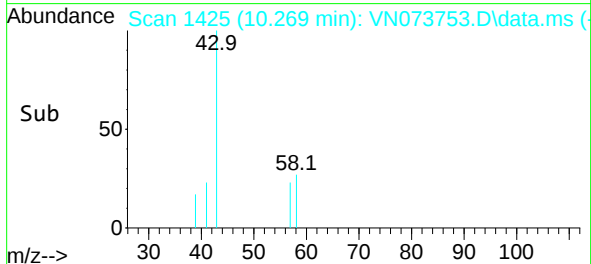
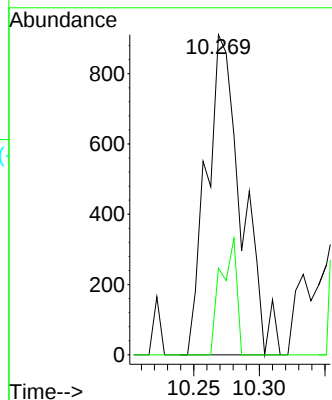
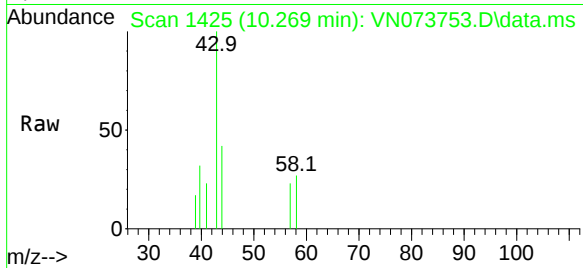




#51
4-Methyl-2-Pentanone
Concen: 0.218 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

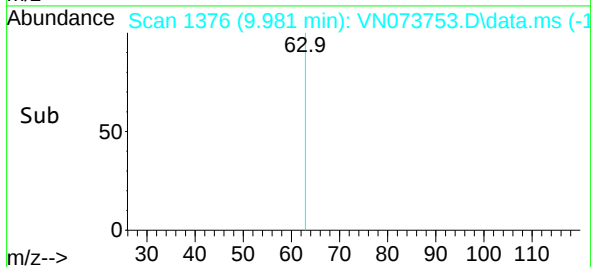
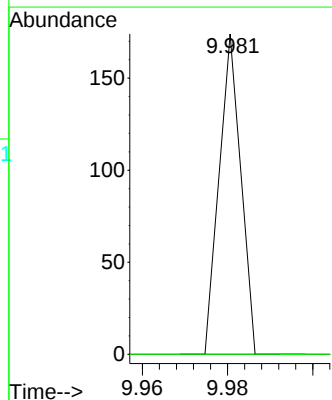
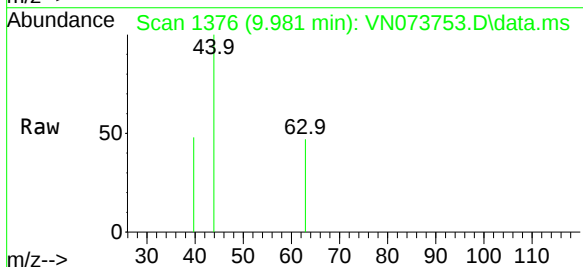
Instrument :
MSVOA_N
ClientSampleId :
VN0805MBL01

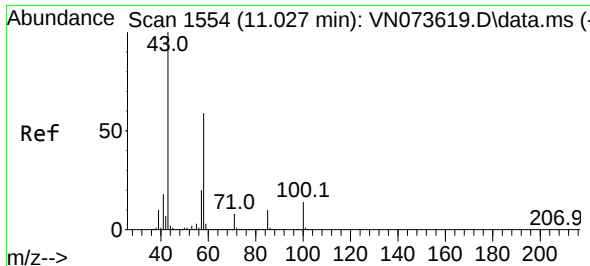
Tgt Ion: 43 Resp: 1689
Ion Ratio Lower Upper
43 100
58 16.5 34.1 51.1#



#58
2-Chloroethyl Vinyl ether
Concen: 9.958 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.001 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 63 Resp: 61
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

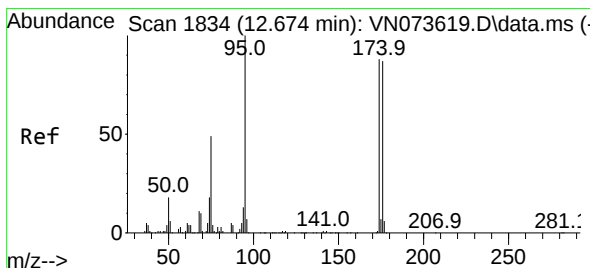
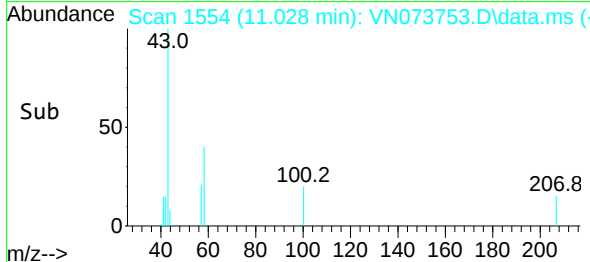
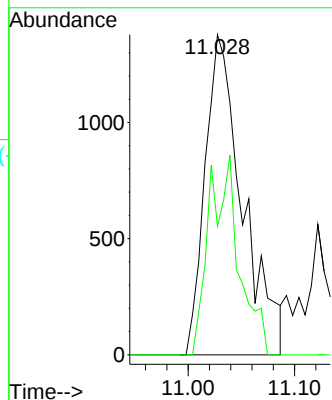
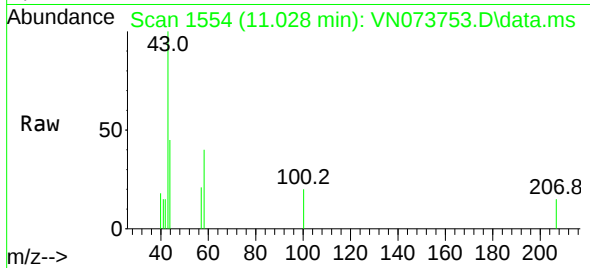




#59
2-Hexanone
Concen: 0.574 ug/l
RT: 11.028 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

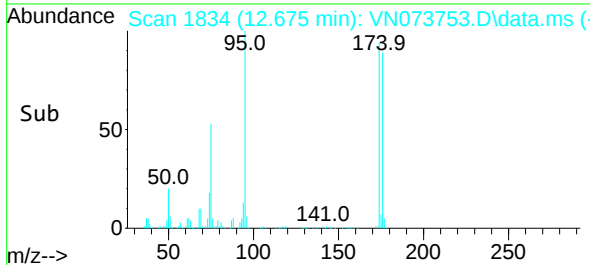
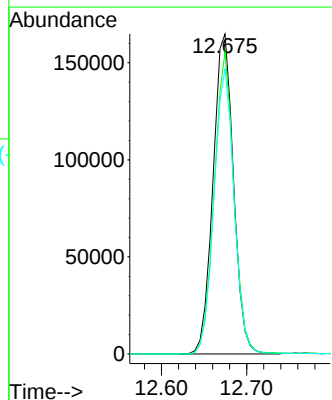
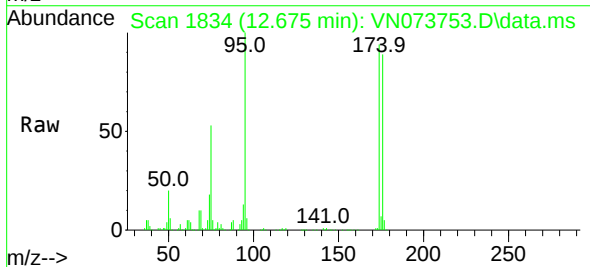
Instrument :
MSVOA_N
ClientSampleId :
VN0805MBL01

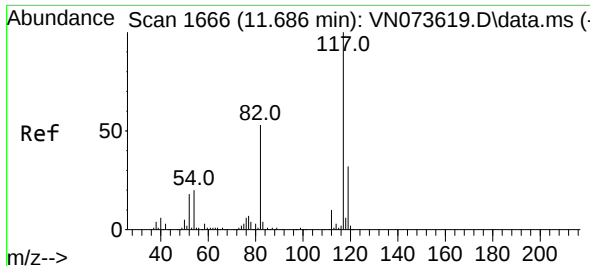
Tgt Ion: 43 Resp: 3375
Ion Ratio Lower Upper
43 100
58 49.6 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 49.201 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 95 Resp: 275224
Ion Ratio Lower Upper
95 100
174 90.8 0.0 167.6
176 87.5 0.0 163.4

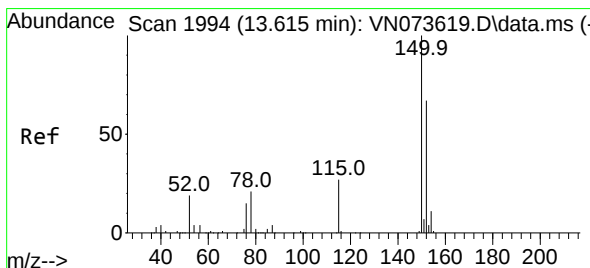
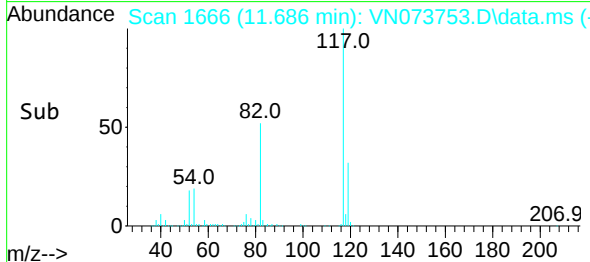
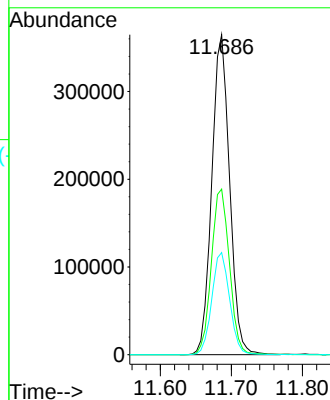
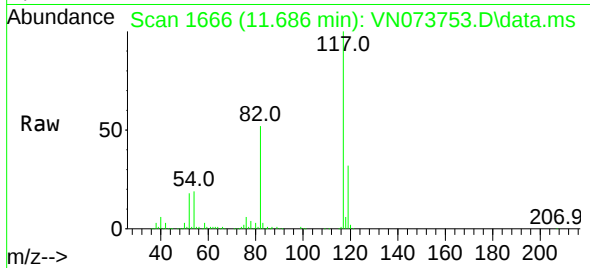




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

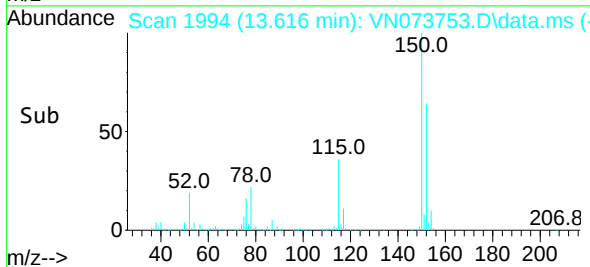
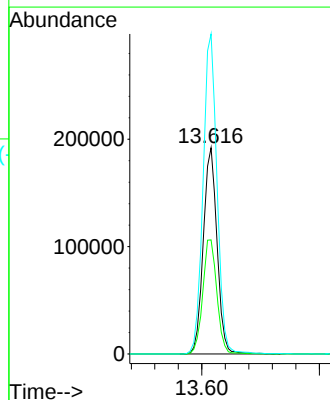
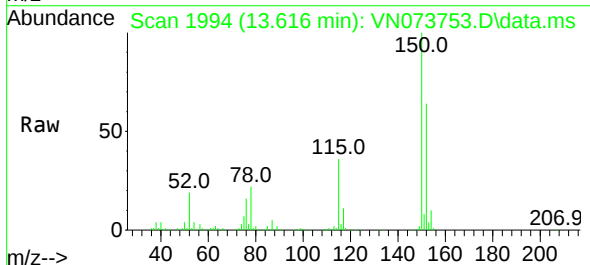
Instrument :
MSVOA_N
ClientSampleId :
VN0805MBL01

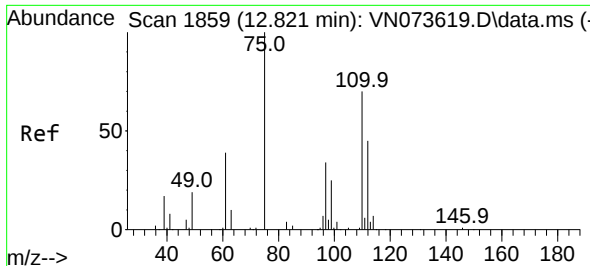
Tgt Ion:117 Resp: 634936
Ion Ratio Lower Upper
117 100
82 51.8 44.2 66.2
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

Tgt Ion:152 Resp: 312717
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 157.3 0.0 356.2

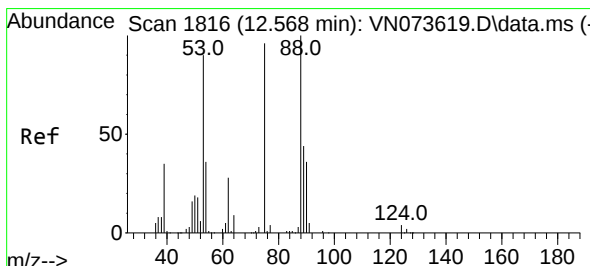
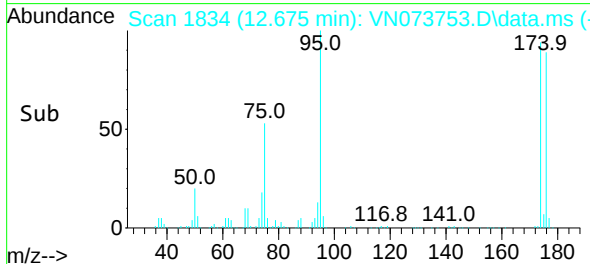
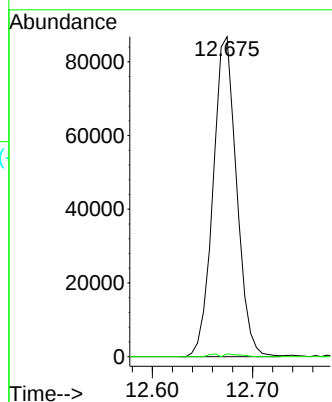
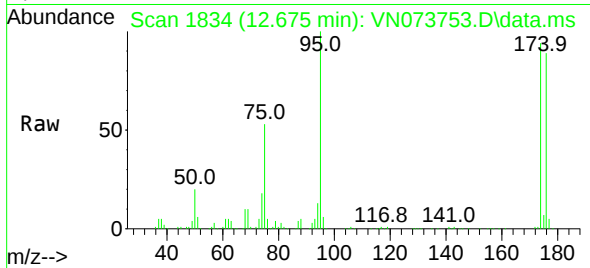




#76
1,2,3-Trichloropropane
Concen: 22.988 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. -0.146 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

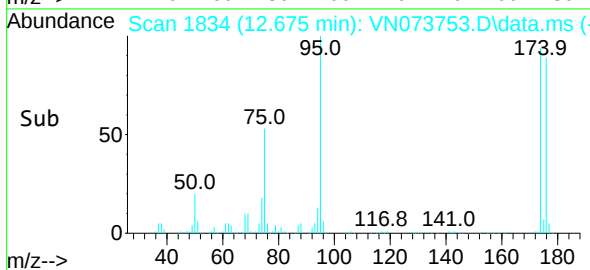
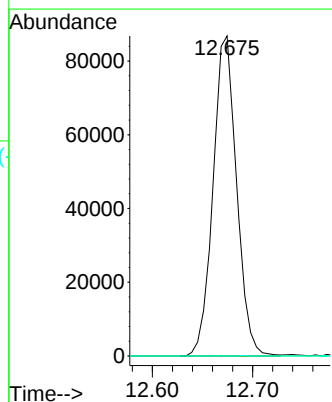
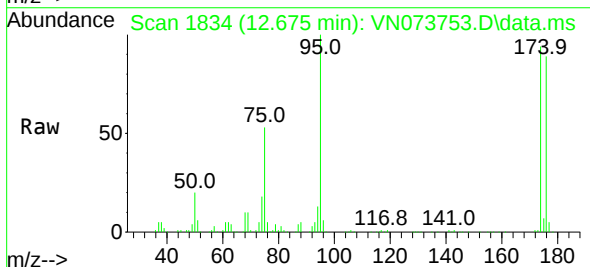
Instrument :
MSVOA_N
ClientSampleId :
VN0805MBL01

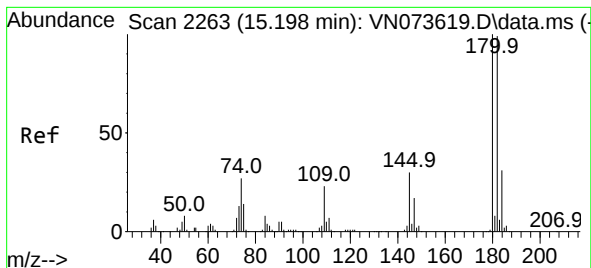
Tgt Ion: 75 Resp: 141671
Ion Ratio Lower Upper
75 100
77 0.6 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.710 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073753.D
Acq: 05 Aug 2022 11:15

Tgt Ion: 75 Resp: 141671
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: 0.404 ug/l

RT: 15.192 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN073753.D

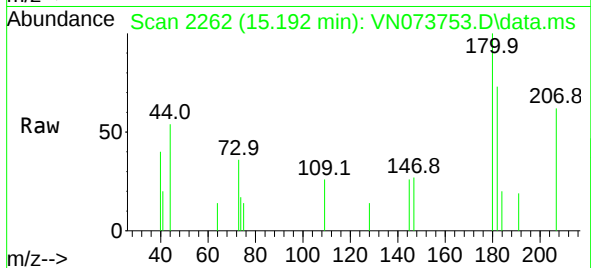
Acq: 05 Aug 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0805MBL01



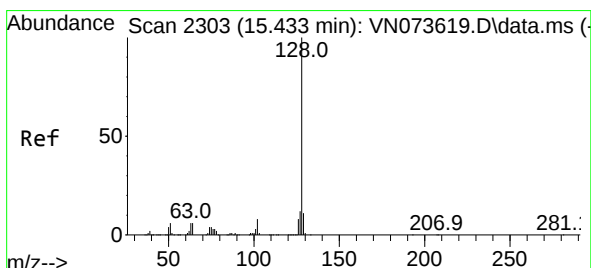
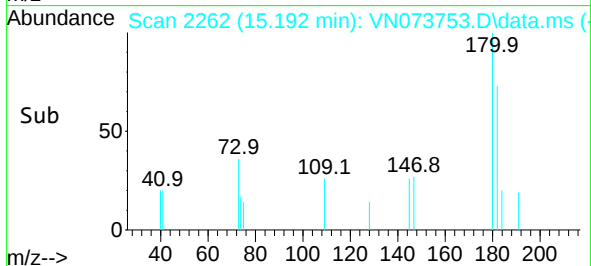
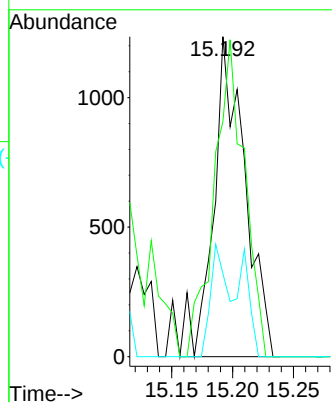
Tgt Ion:180 Resp: 2211

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.5

145 18.1 14.5 43.5



#95

Naphthalene

Concen: 0.684 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN073753.D

Acq: 05 Aug 2022 11:15

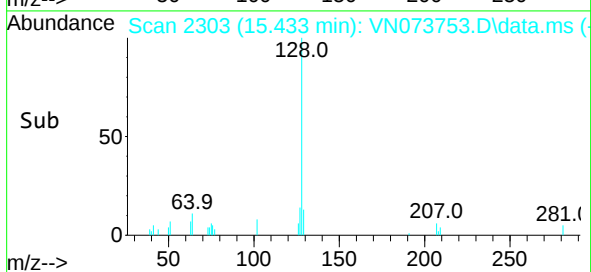
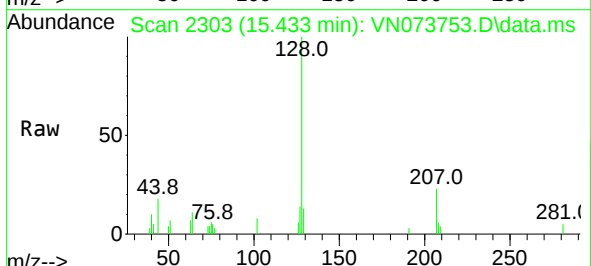
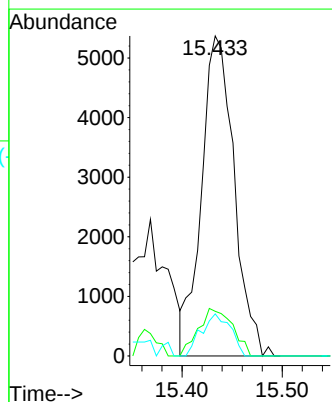
Tgt Ion:128 Resp: 12146

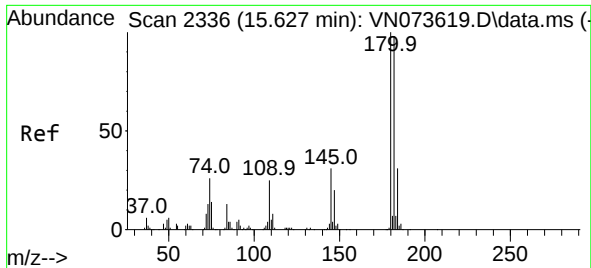
Ion Ratio Lower Upper

128 100

127 15.5 10.3 15.5#

129 11.7 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.484 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073753.D
 Acq: 05 Aug 2022 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805MBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.9	47.8	143.3
145	20.4	15.5	46.5

