

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073704.D
 Acq On : 03 Aug 2022 11:59
 Operator : JC\MD
 Sample : VN0803WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBL01

Quant Time: Aug 04 05:31:35 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)

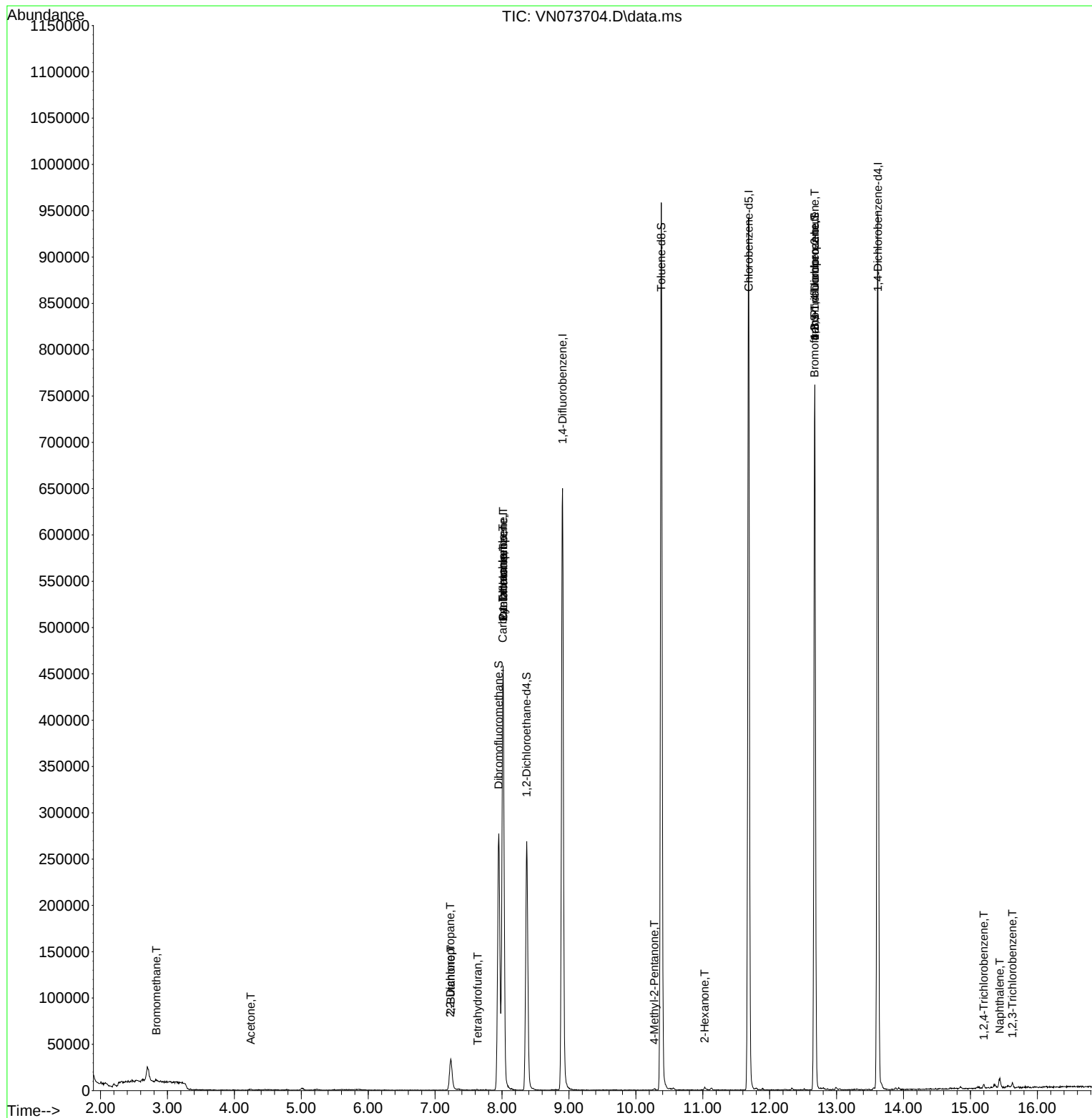
Internal Standards						
1) Pentafluorobenzene	8.016	168	368809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	592697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	564978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	267731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	223021	49.620	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.240%		
35) Dibromofluoromethane	7.951	113	206126	55.384	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.760%		
50) Toluene-d8	10.381	98	676378	46.183	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.360%		
62) 4-Bromofluorobenzene	12.674	95	249250	50.785	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.560%		
Target Compounds					Qvalue	
3) Chloromethane	2.269	50	834	Below Cal	#	76
5) Bromomethane	2.834	94	1703	0.469	ug/l #	59
6) Chloroethane	2.975	64	591	Below Cal	#	42
16) Acetone	4.246	43	1959	0.811	ug/l #	73
20) Methylene Chloride	5.016	84	1658	Below Cal		94
25) 2-Butanone	7.234	43	1486	0.396	ug/l #	45
26) 2,2-Dichloropropane	7.228	77	2253	0.394	ug/l #	53
29) Tetrahydrofuran	7.634	42	477	0.201	ug/l #	59
31) Cyclohexane	8.016	56	7580	1.133	ug/l #	21
36) 1,1-Dichloropropene	8.016	75	26388	4.975	ug/l #	49
38) Carbon Tetrachloride	8.010	117	34212	6.350	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	1357	0.201	ug/l #	79
59) 2-Hexanone	11.028	43	2192	0.428	ug/l	96
71) Bromoform	12.669	173	1699	0.478	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	125658	23.940	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	125658	60.824	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.198	180	1845	0.394	ug/l	92
95) Naphthalene	15.439	128	10205	0.671	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	2209	0.448	ug/l	89

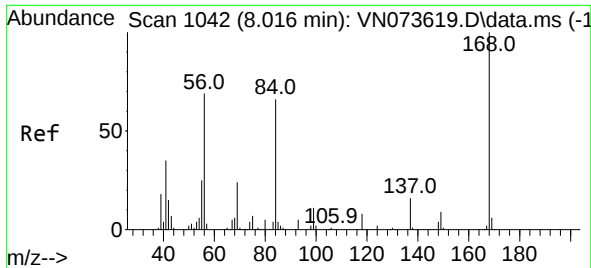
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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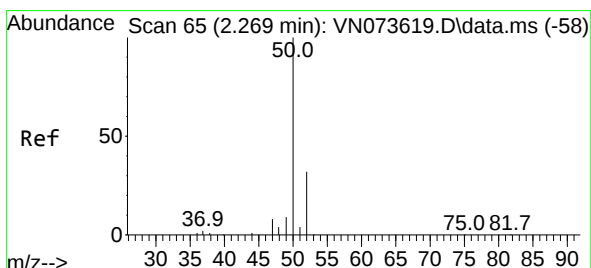
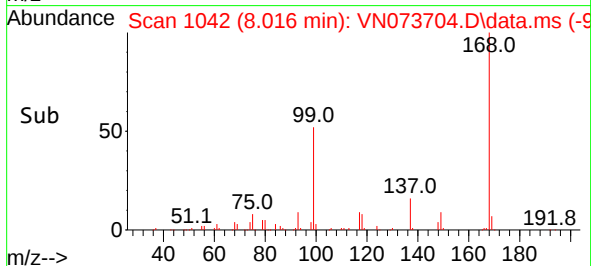
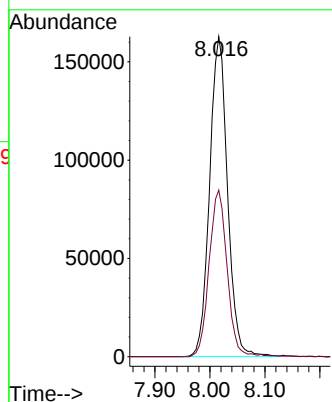
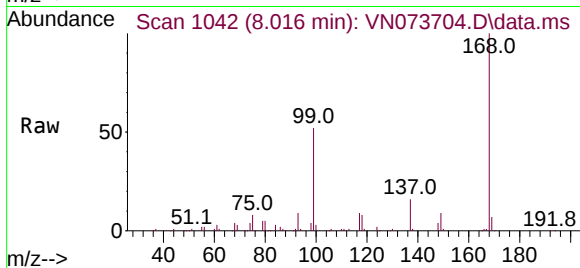




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

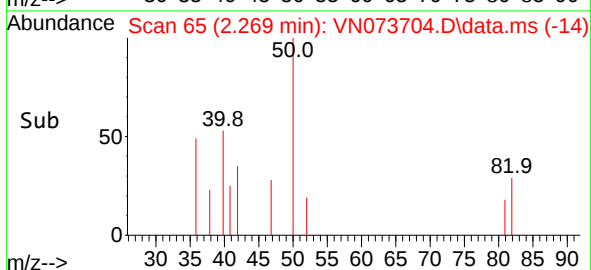
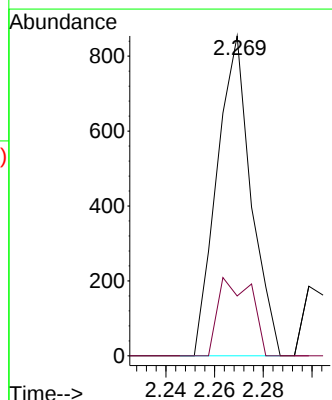
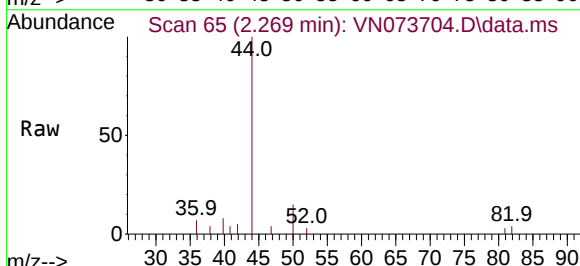
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL01

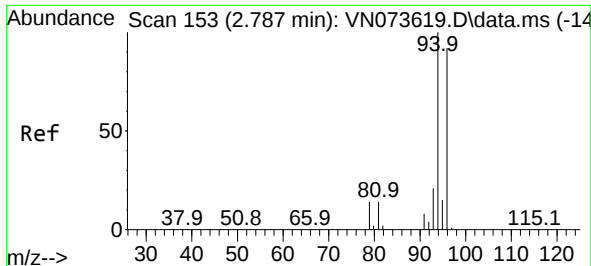
Tgt Ion:168 Resp: 368809
Ion Ratio Lower Upper
168 100
99 52.1 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

Tgt Ion: 50 Resp: 834
Ion Ratio Lower Upper
50 100
52 18.7 25.7 38.5#

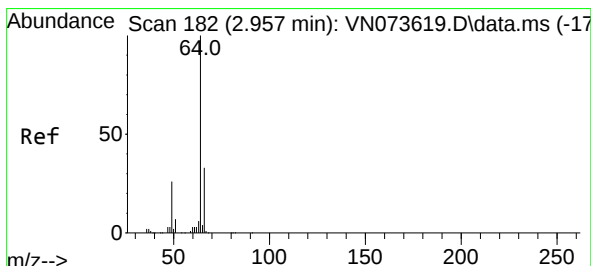
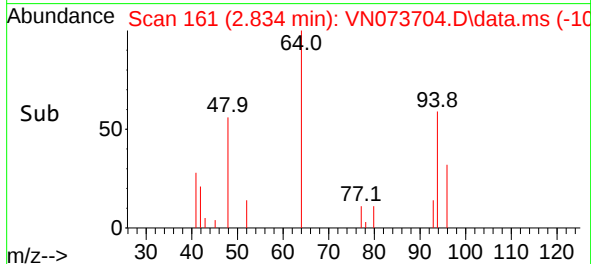
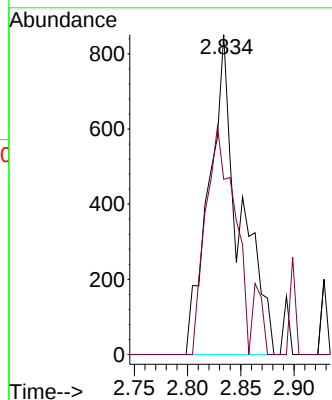
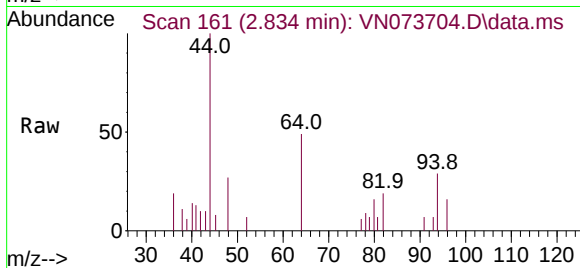




#5
Bromomethane
Concen: 0.469 ug/l
RT: 2.834 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

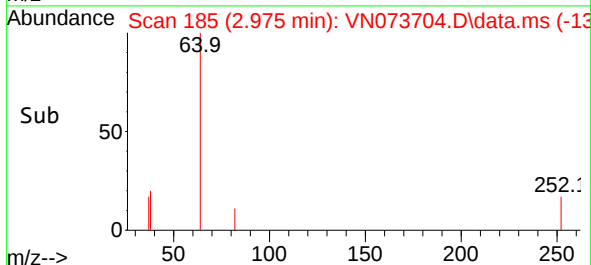
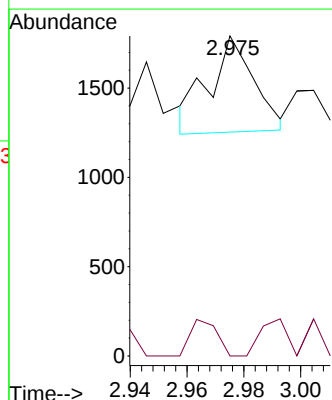
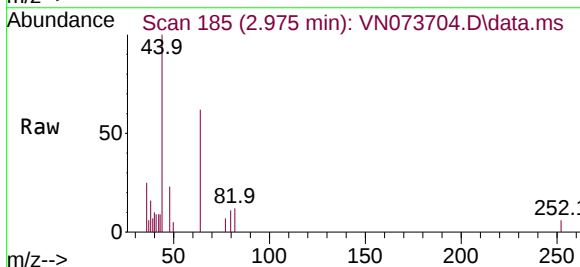
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL01

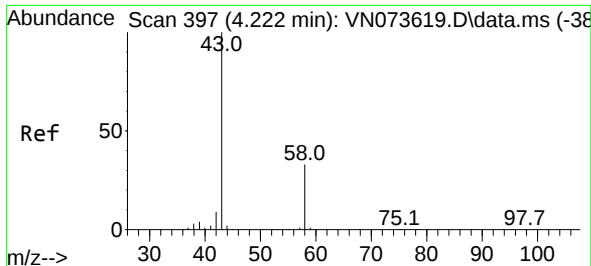
Tgt Ion: 94 Resp: 1703
Ion Ratio Lower Upper
94 100
96 54.8 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.975 min Scan# 185
Delta R.T. 0.018 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

Tgt Ion: 64 Resp: 591
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

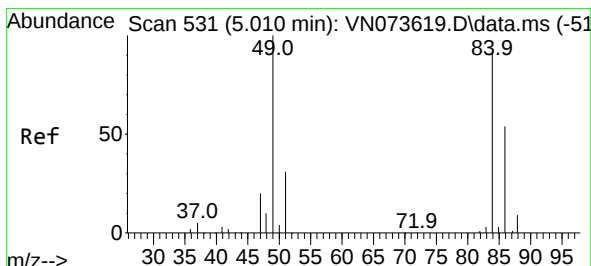
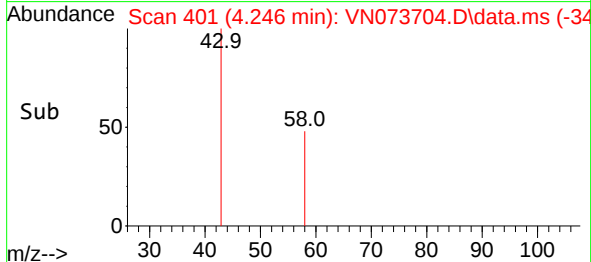
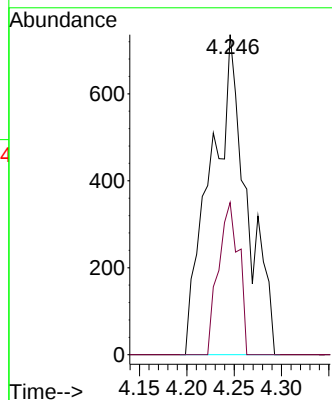
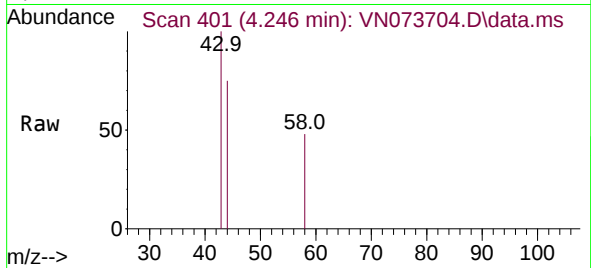




#16
Acetone
Concen: 0.811 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

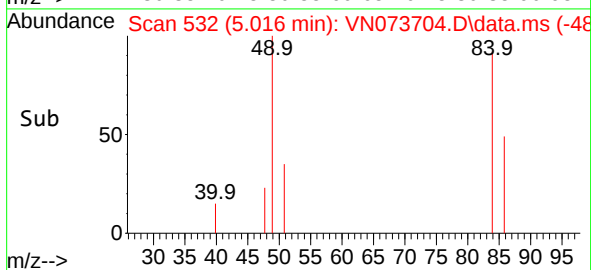
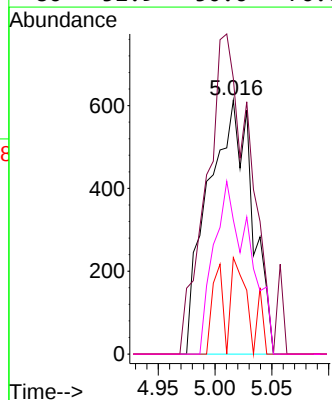
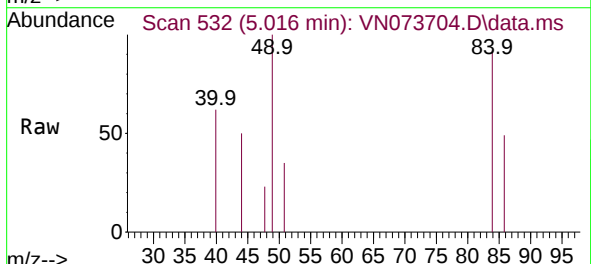
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL01

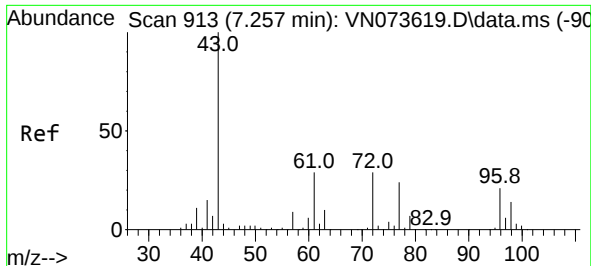
Tgt Ion: 43 Resp: 1959
Ion Ratio Lower Upper
43 100
58 47.6 26.0 39.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

Tgt Ion: 84 Resp: 1658
Ion Ratio Lower Upper
84 100
49 108.6 88.3 132.5
51 38.0 28.2 42.2
86 52.9 50.6 76.0





#25

2-Butanone

Concen: 0.396 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.023 min

Lab File: VN073704.D

Acq: 03 Aug 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

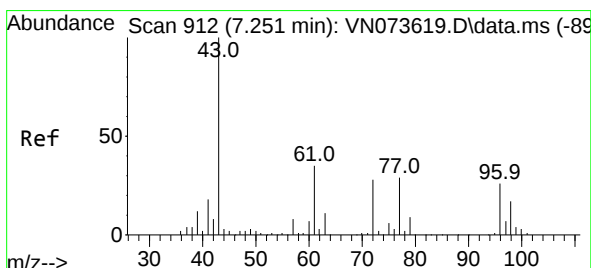
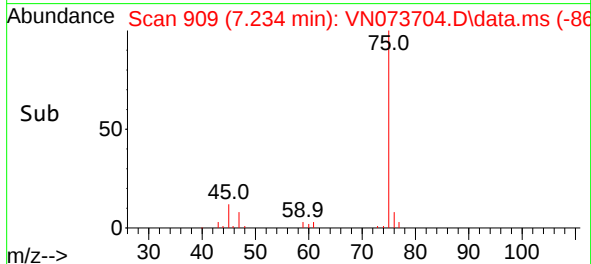
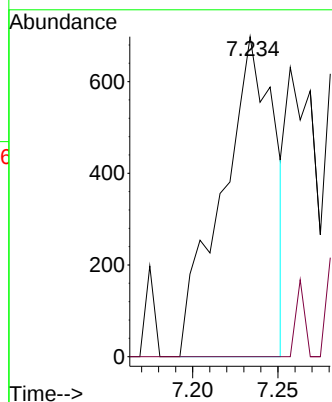
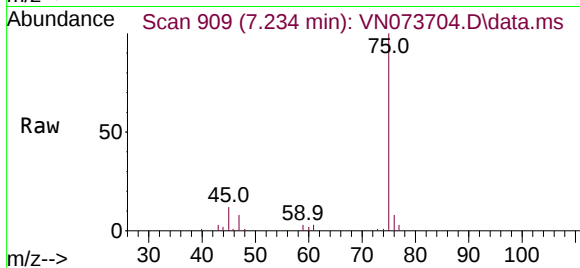
VN0803WBL01

Tgt Ion: 43 Resp: 1486

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.394 ug/l

RT: 7.228 min Scan# 908

Delta R.T. -0.023 min

Lab File: VN073704.D

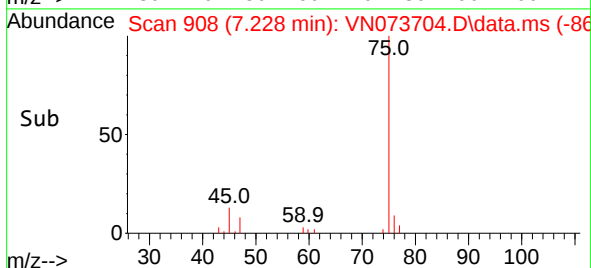
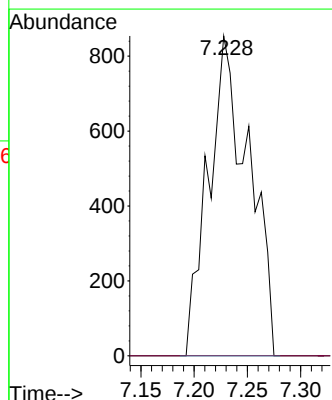
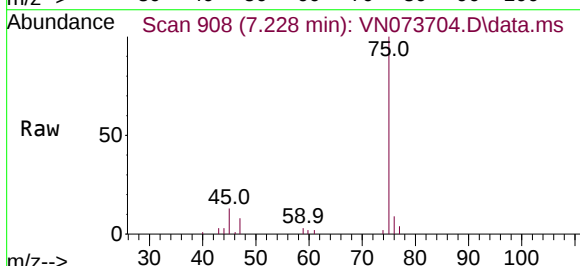
Acq: 03 Aug 2022 11:59

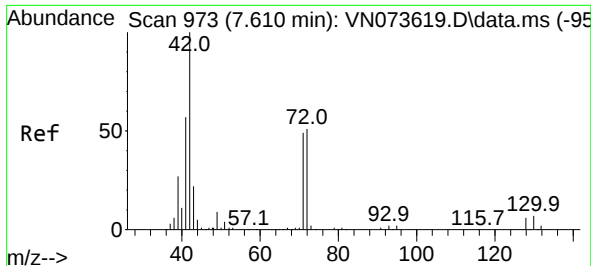
Tgt Ion: 77 Resp: 2253

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.201 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.024 min

Lab File: VN073704.D

Acq: 03 Aug 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBL01

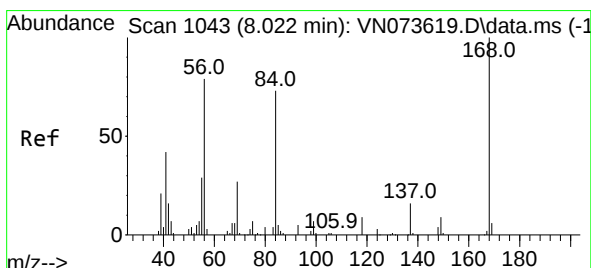
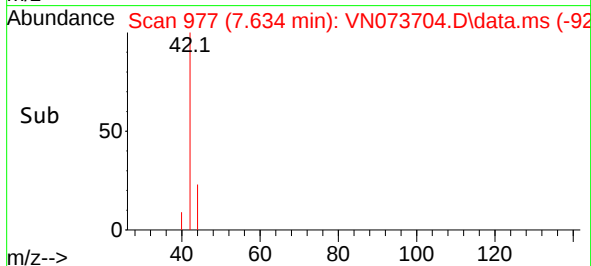
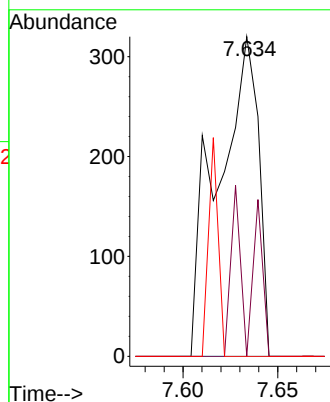
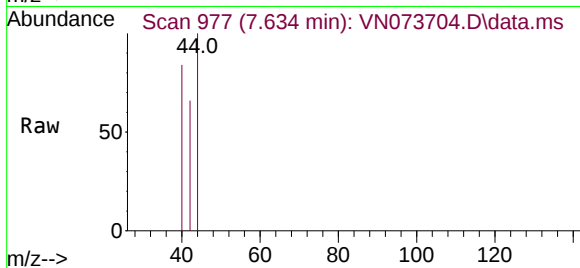
Tgt Ion: 42 Resp: 477

Ion Ratio Lower Upper

42 100

72 24.3 39.7 59.5#

71 16.1 36.6 55.0#



#31

Cyclohexane

Concen: 1.133 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073704.D

Acq: 03 Aug 2022 11:59

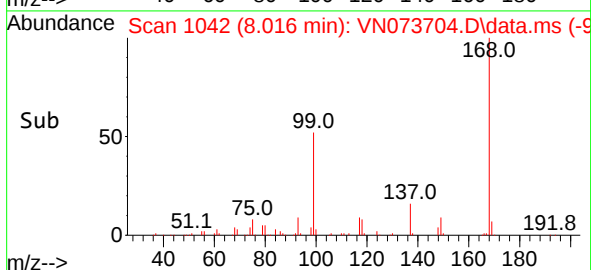
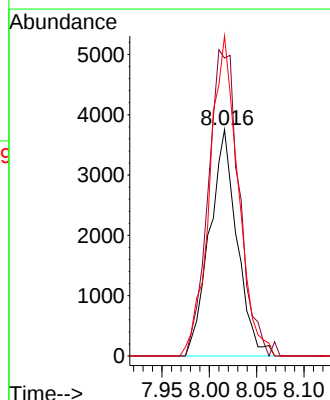
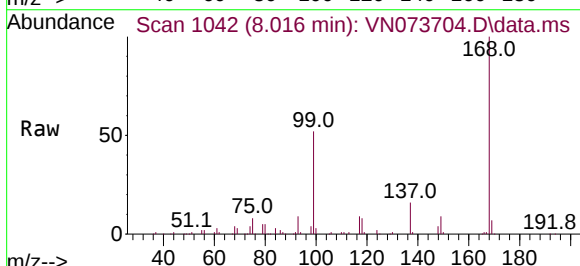
Tgt Ion: 56 Resp: 7580

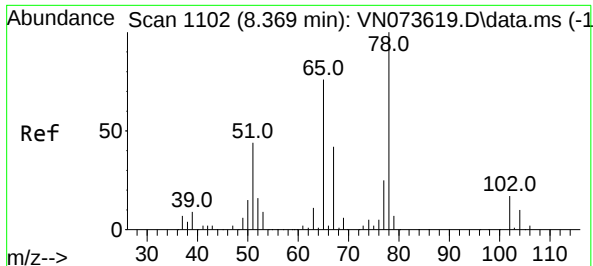
Ion Ratio Lower Upper

56 100

69 131.7 27.8 41.8#

84 141.4 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.620 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073704.D

Acq: 03 Aug 2022 11:59

Instrument :

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ClientSampleId :

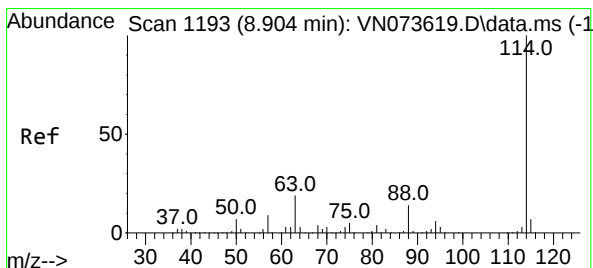
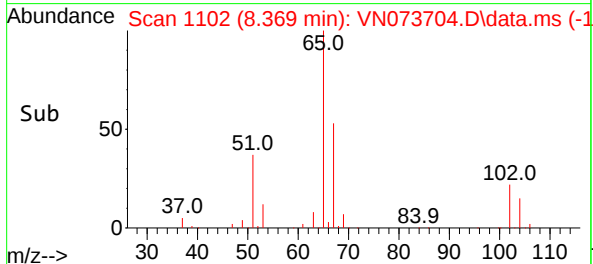
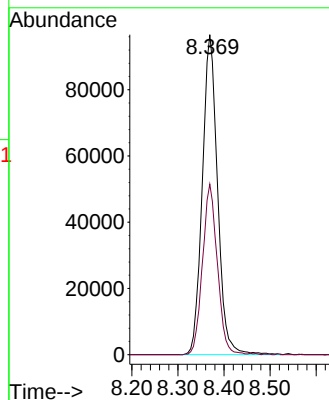
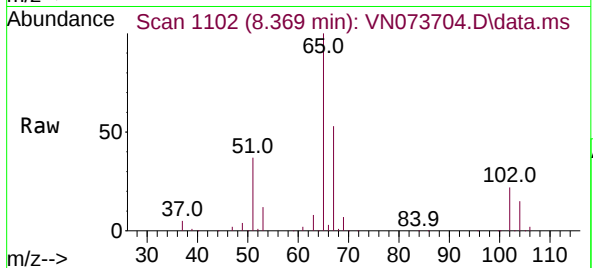
VN0803WBL01

Tgt Ion: 65 Resp: 223021

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: VN073704.D

Acq: 03 Aug 2022 11:59

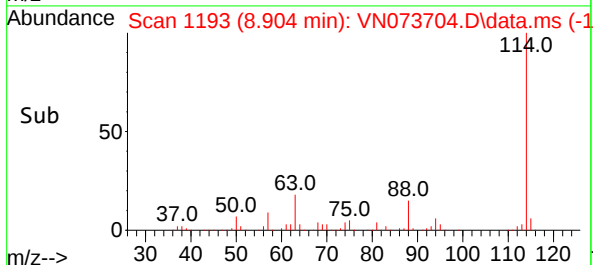
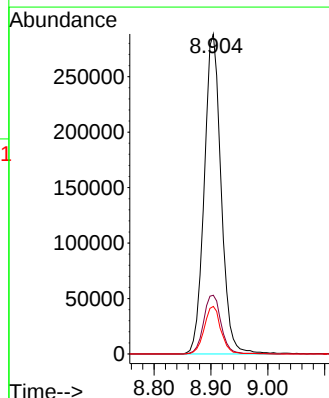
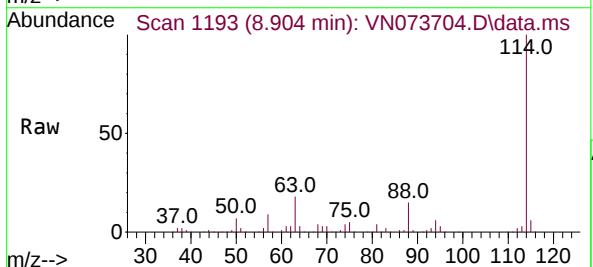
Tgt Ion: 114 Resp: 592697

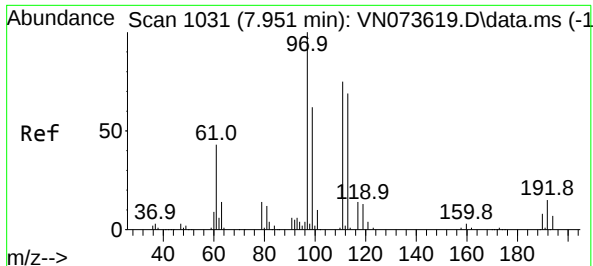
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.384 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073704.D

Acq: 03 Aug 2022 11:59

Instrument :

MSVOA_N

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VN0803WBL01

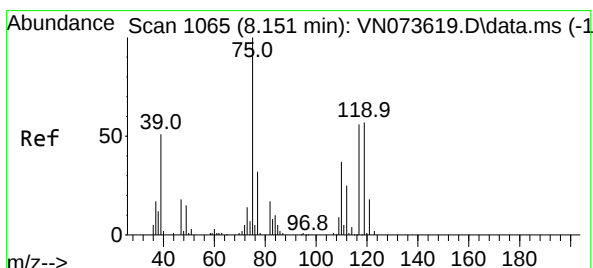
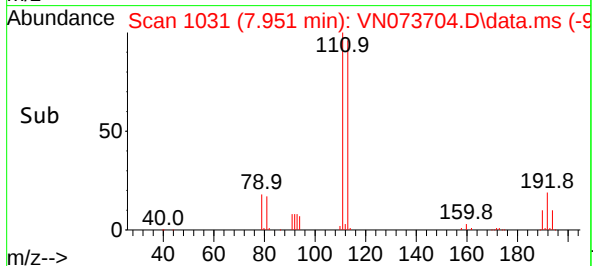
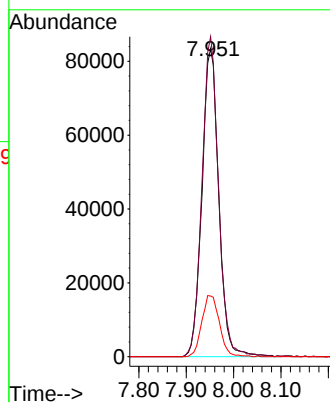
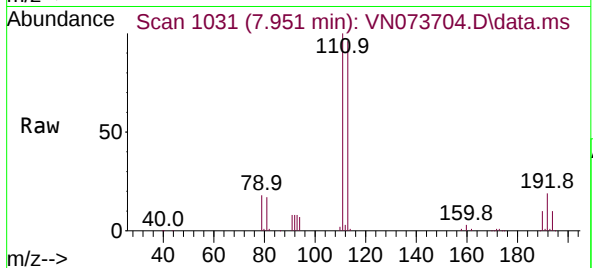
Tgt Ion:113 Resp: 206126

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 20.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.975 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073704.D

Acq: 03 Aug 2022 11:59

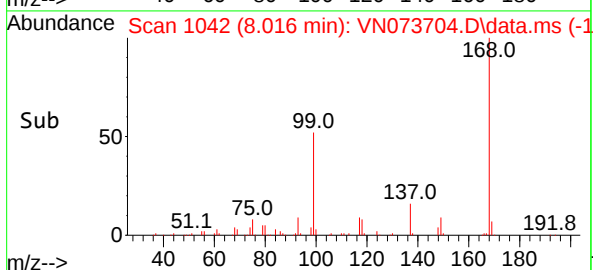
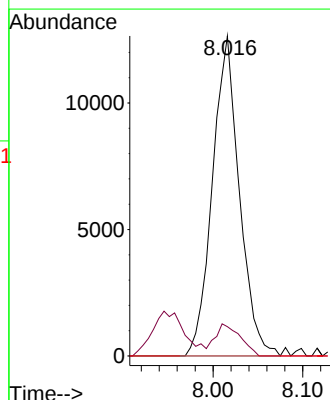
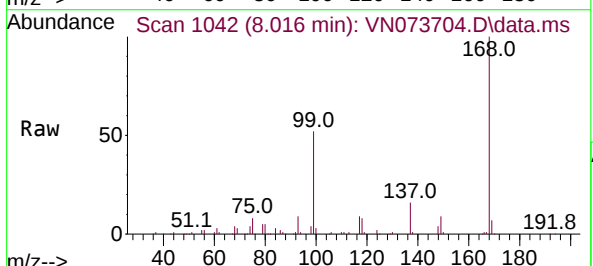
Tgt Ion: 75 Resp: 26388

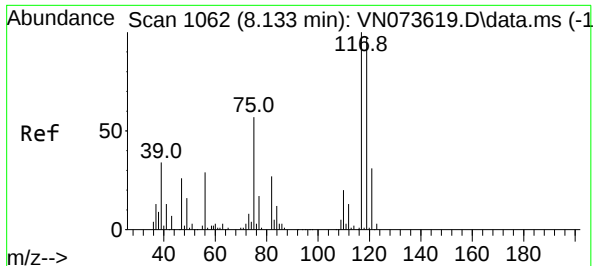
Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.350 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.123 min

Lab File: VN073704.D

Acq: 03 Aug 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBL01

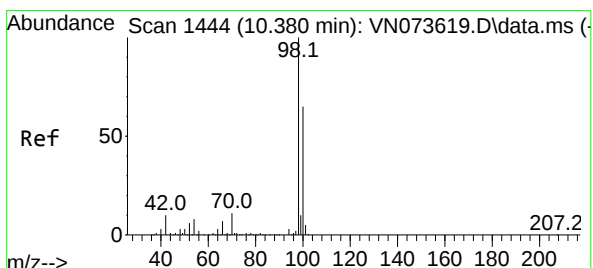
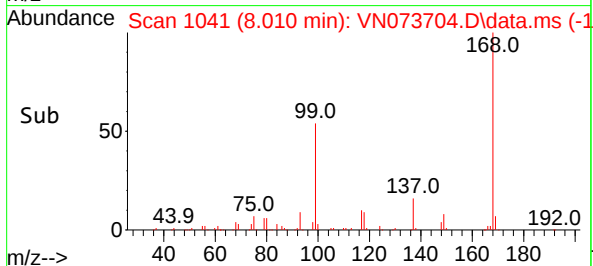
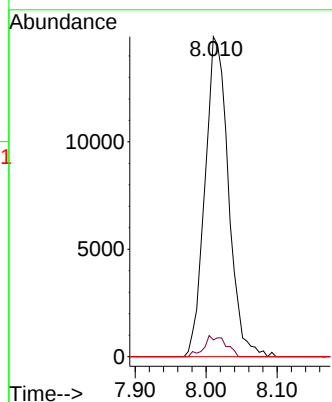
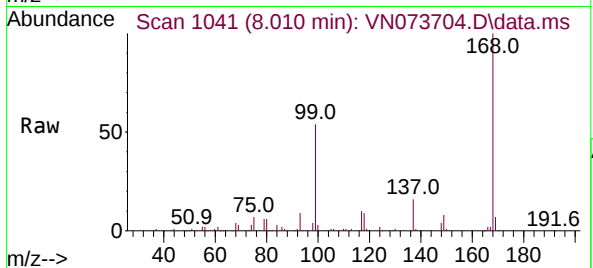
Tgt Ion:117 Resp: 34212

Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.8#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 46.183 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073704.D

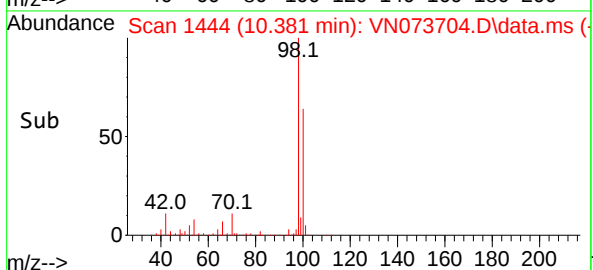
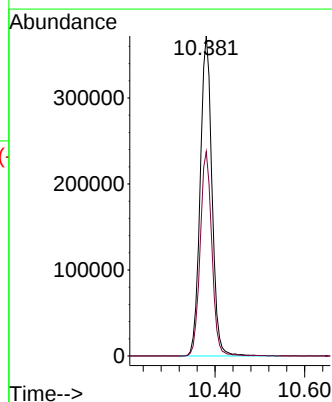
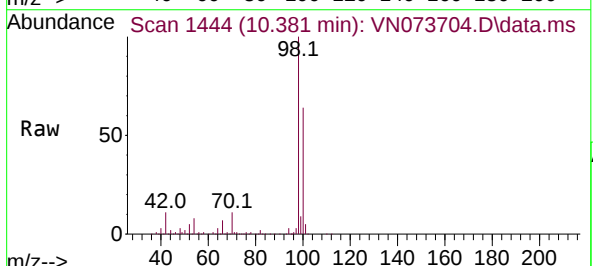
Acq: 03 Aug 2022 11:59

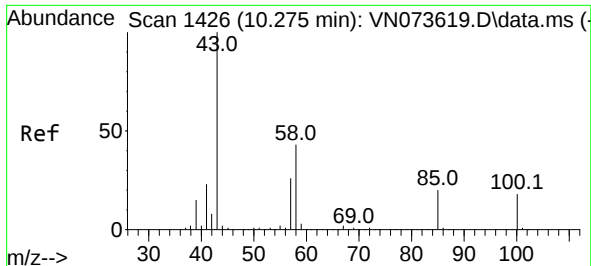
Tgt Ion: 98 Resp: 676378

Ion Ratio Lower Upper

98 100

100 63.3 52.6 78.8

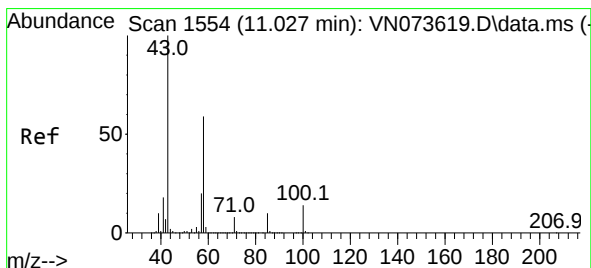
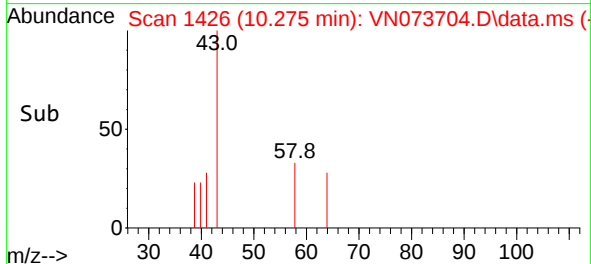
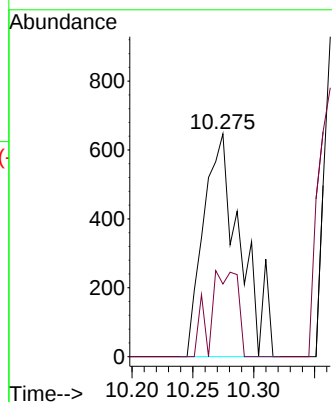
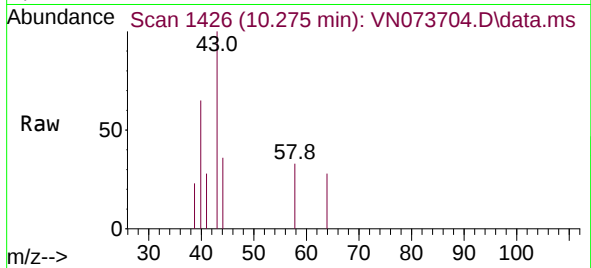




#51
4-Methyl-2-Pentanone
Concen: 0.201 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

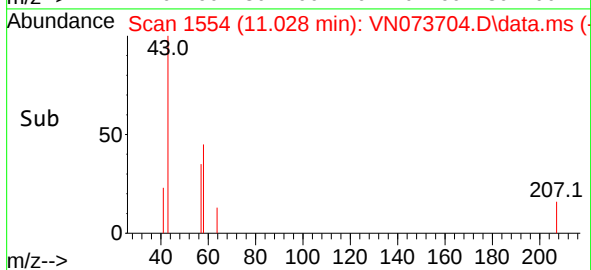
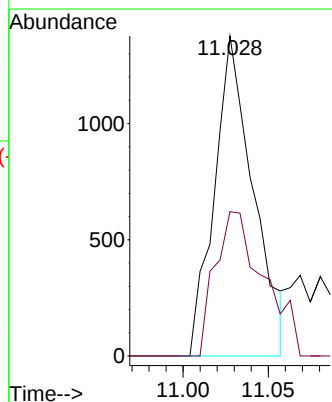
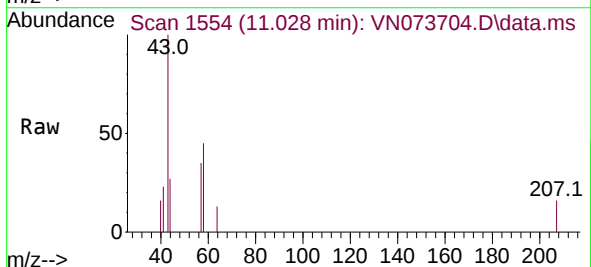
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL01

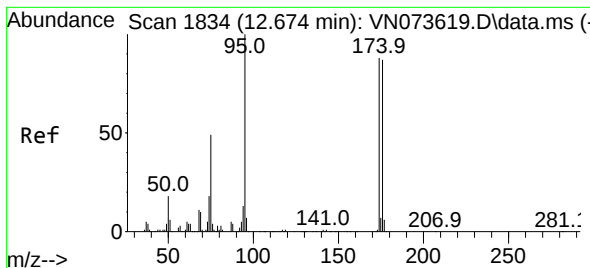
Tgt Ion: 43 Resp: 1357
Ion Ratio Lower Upper
43 100
58 29.3 34.1 51.1#



#59
2-Hexanone
Concen: 0.428 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.001 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

Tgt Ion: 43 Resp: 2192
Ion Ratio Lower Upper
43 100
58 56.3 29.7 89.1

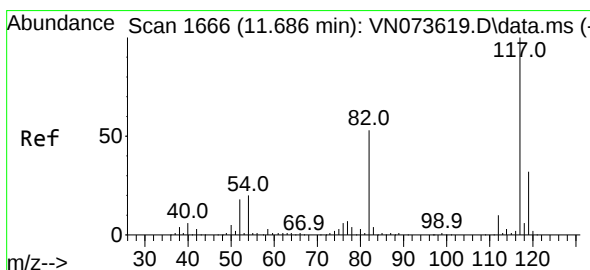
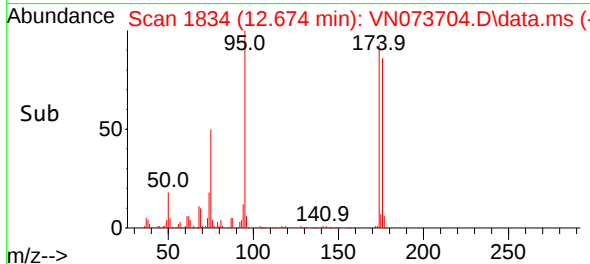
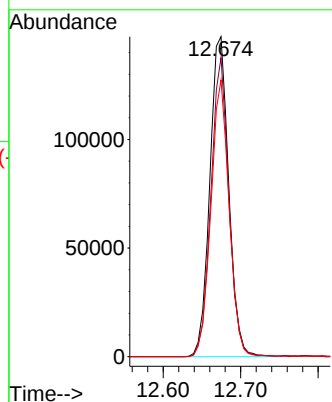
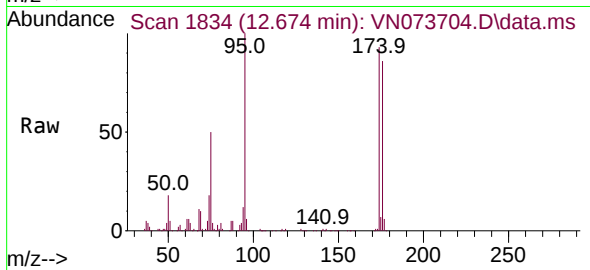




#62
4-Bromofluorobenzene
Concen: 50.785 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

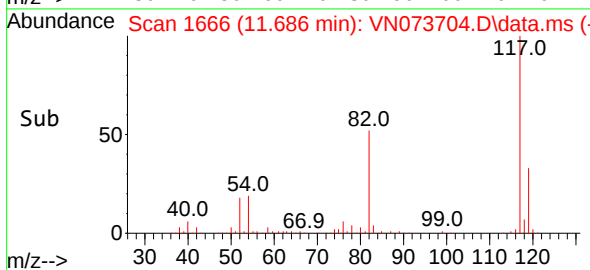
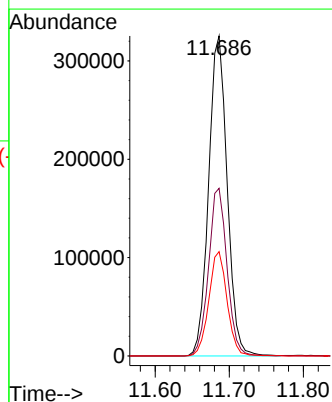
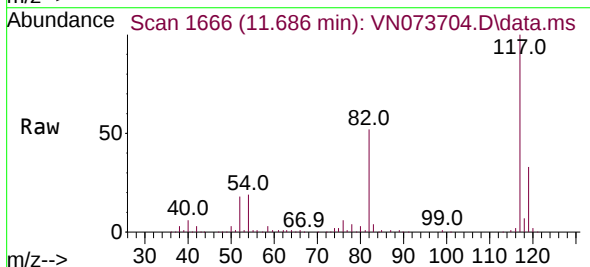
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL01

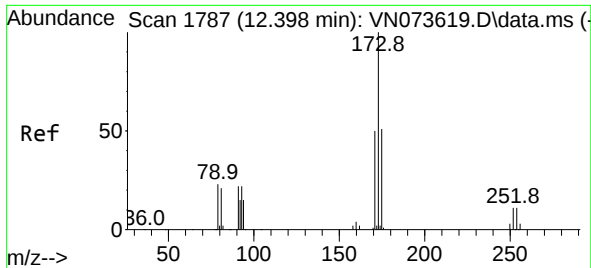
Tgt Ion: 95 Resp: 249250
Ion Ratio Lower Upper
95 100
174 89.1 0.0 167.6
176 83.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

Tgt Ion: 117 Resp: 564978
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 32.6 25.4 38.0

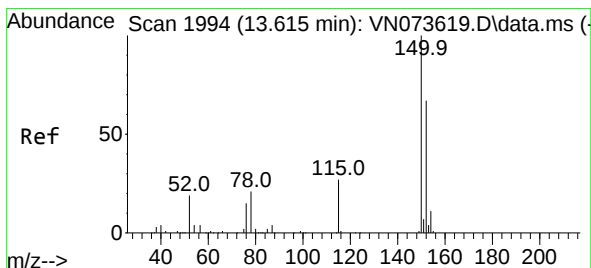
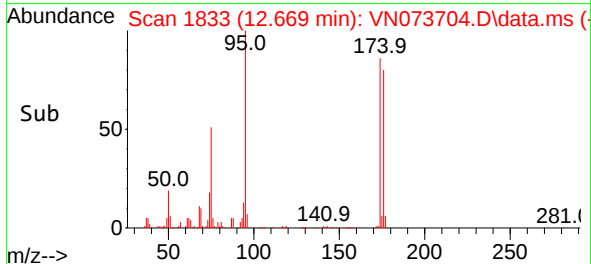
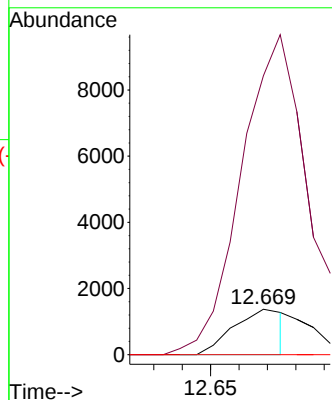
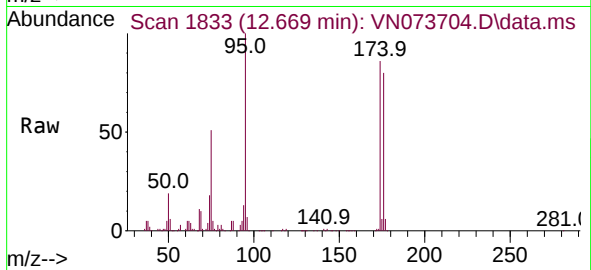




#71
Bromoform
Concen: 0.478 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

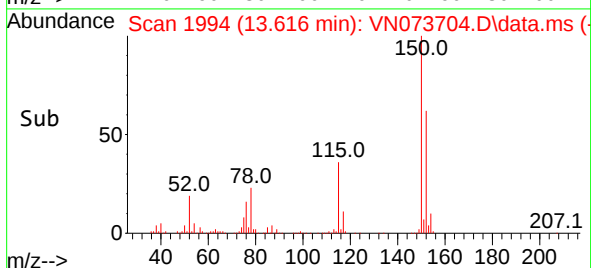
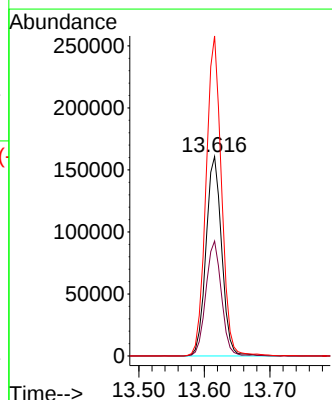
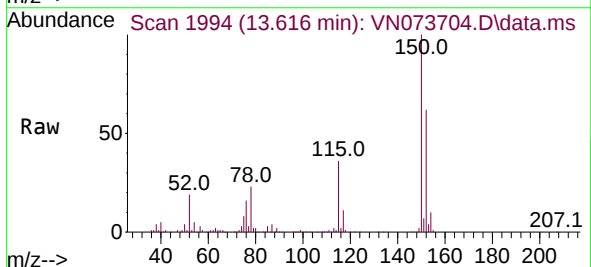
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL01

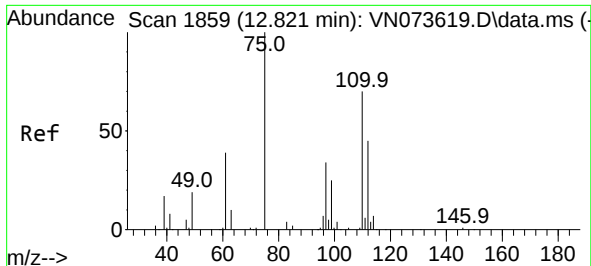
Tgt Ion:173 Resp: 1699
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

Tgt Ion:152 Resp: 267731
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 158.0 0.0 356.2

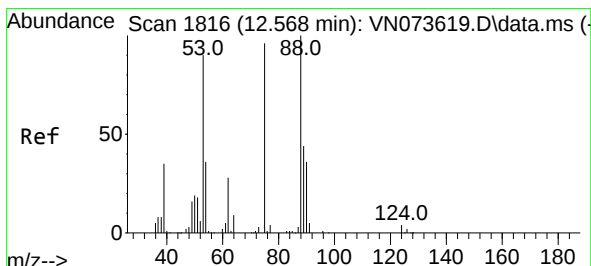
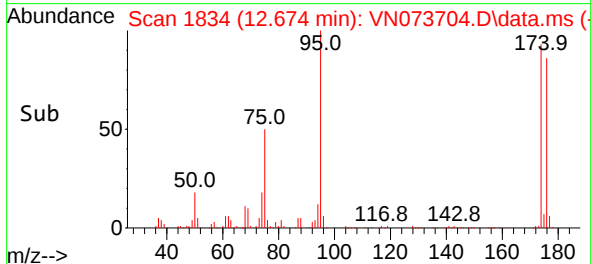
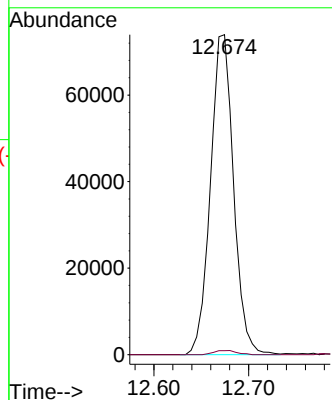
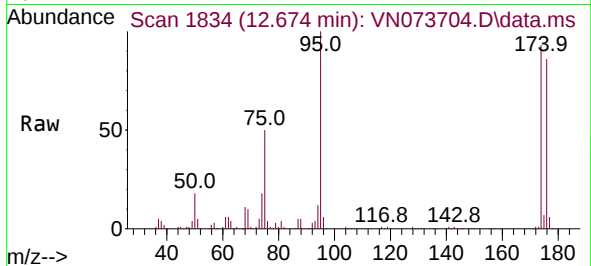




#76
1,2,3-Trichloropropane
Concen: 23.940 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

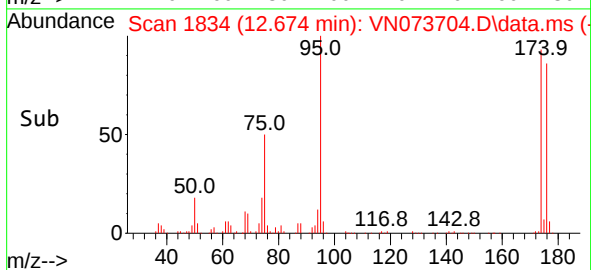
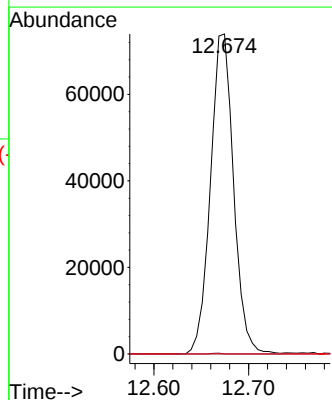
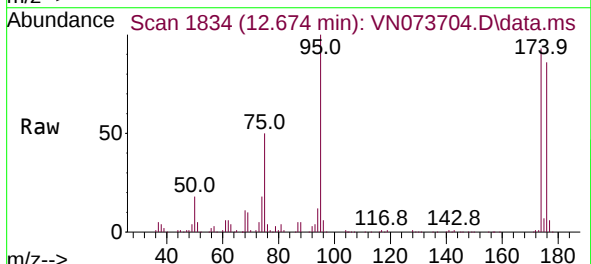
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL01

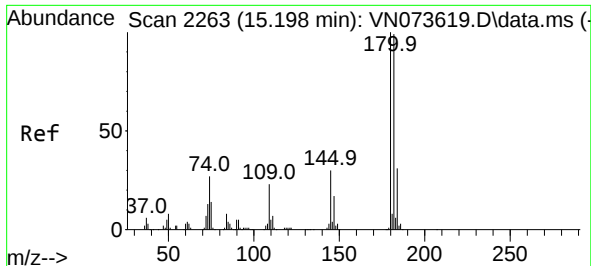
Tgt Ion: 75 Resp: 125658
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.824 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

Tgt Ion: 75 Resp: 125658
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

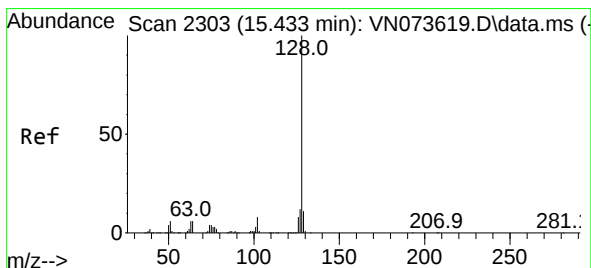
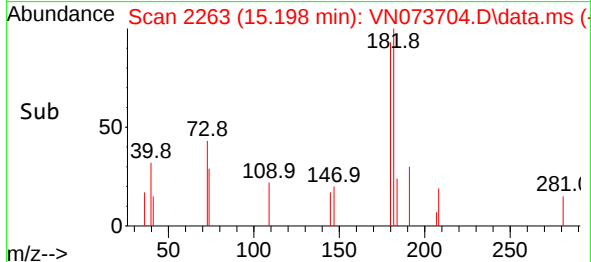
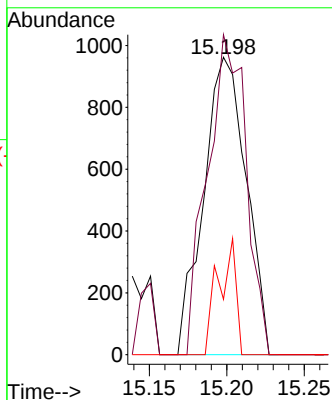
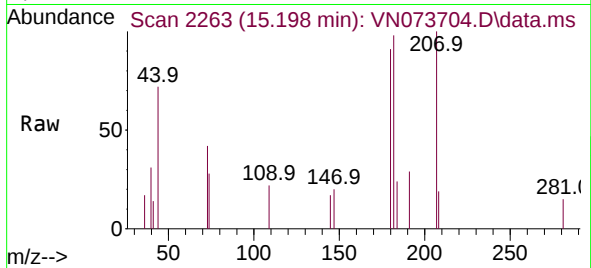




#93
1,2,4-Trichlorobenzene
Concen: 0.394 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

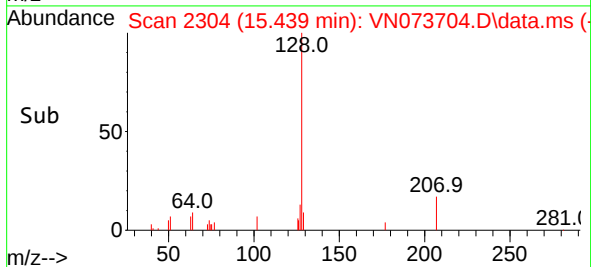
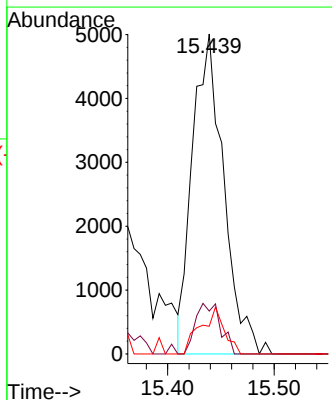
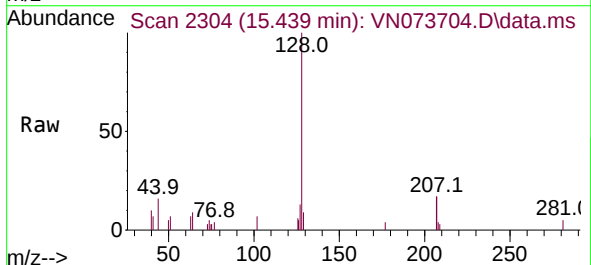
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL01

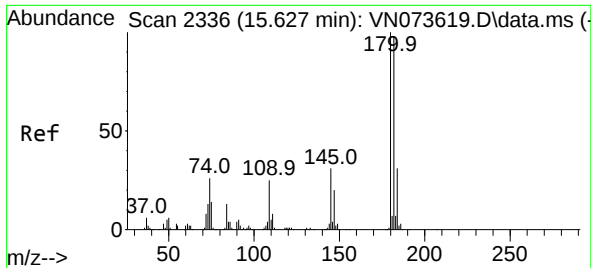
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.5	142.5
145	16.1	14.5	43.5



#95
Naphthalene
Concen: 0.671 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

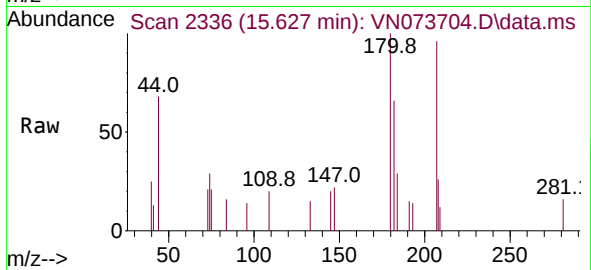
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.1	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.448 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073704.D
 Acq: 03 Aug 2022 11:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBL01



Tgt Ion:	180	Resp:	2209
Ion	Ratio	Lower	Upper
180	100		
182	106.9	47.8	143.3
145	27.3	15.5	46.5

