

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072443.D
 Acq On : 12 May 2022 11:05
 Operator : JC\MD
 Sample : VN0512WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBL01

Quant Time: May 13 02:40:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

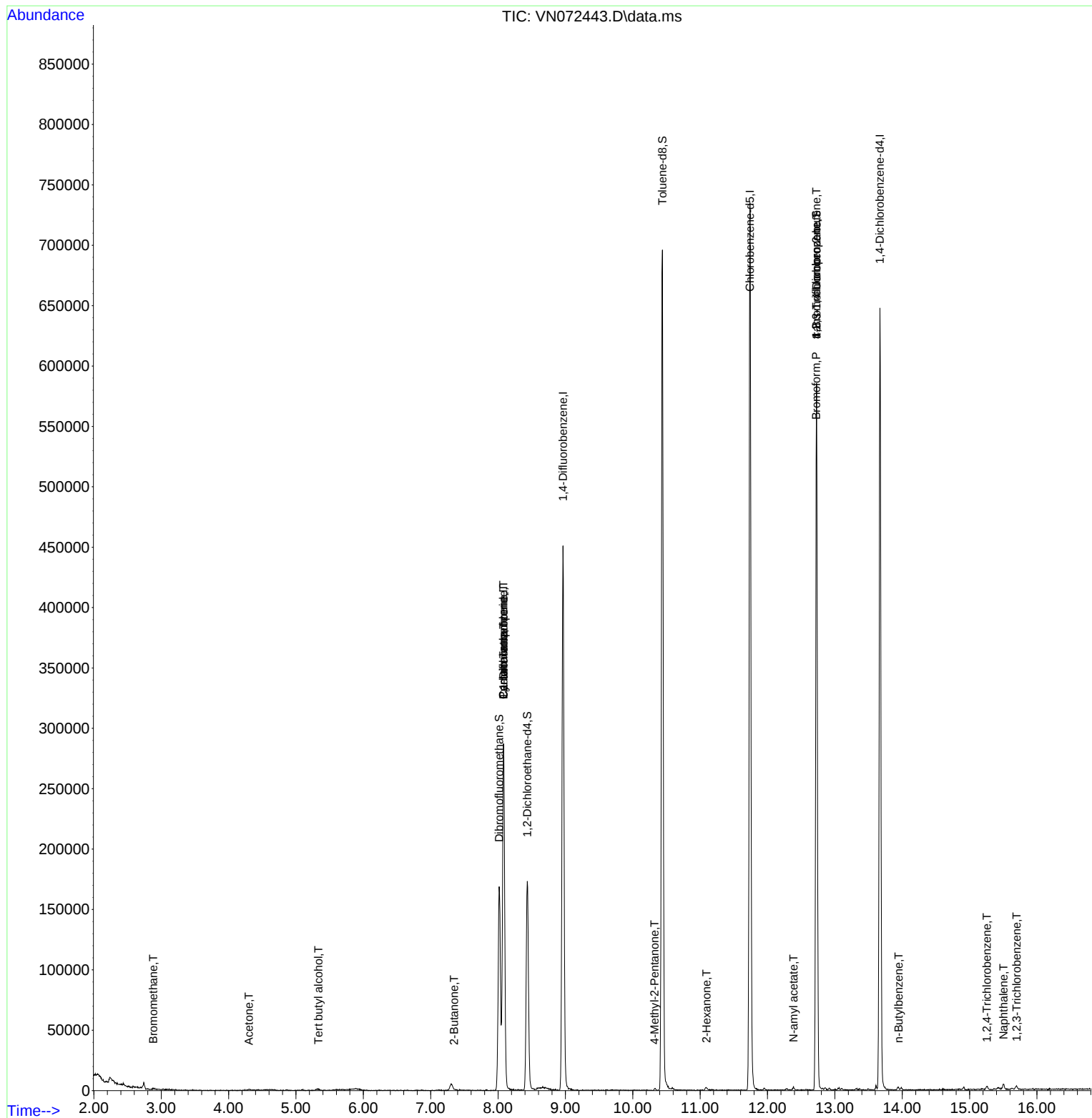
Internal Standards						
1) Pentafluorobenzene	8.081	168	206386	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	384373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	419479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	173181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	163142	51.608	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.220%			
35) Dibromofluoromethane	8.016	113	123482	48.288	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.580%			
50) Toluene-d8	10.439	98	479375	49.221	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.440%			
62) 4-Bromofluorobenzene	12.728	95	199057	61.543	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 123.080%			
Target Compounds						
						Qvalue
3) Chloromethane	2.305	50	518	Below Cal	#	43
5) Bromomethane	2.881	94	304	0.233	ug/l	87
6) Chloroethane	3.028	64	594	Below Cal	#	42
11) Tert butyl alcohol	5.334	59	1343	2.598	ug/l	# 72
16) Acetone	4.299	43	1332	1.064	ug/l	90
25) 2-Butanone	7.346	43	627	0.317	ug/l	# 45
31) Cyclohexane	8.081	56	4477	1.069	ug/l	# 54
36) 1,1-Dichloropropene	8.081	75	17971	4.893	ug/l	# 48
38) Carbon Tetrachloride	8.081	117	23176	5.638	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.322	43	1113	0.265	ug/l	92
59) 2-Hexanone	11.092	43	2564	0.870	ug/l	87
71) Bromoform	12.722	173	766	0.303	ug/l	# 28
74) N-amyl acetate	12.386	43	1735	0.342	ug/l	# 73
76) 1,2,3-Trichloropropane	12.728	75	111854	24.763	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.728	75	111854	82.612	ug/l	# 10
89) n-Butylbenzene	13.945	91	2017	0.247	ug/l	95
93) 1,2,4-Trichlorobenzene	15.257	180	1274	0.569	ug/l	98
95) Naphthalene	15.504	128	5194	3.764	ug/l	# 95
96) 1,2,3-Trichlorobenzene	15.698	180	1689	0.753	ug/l	# 89

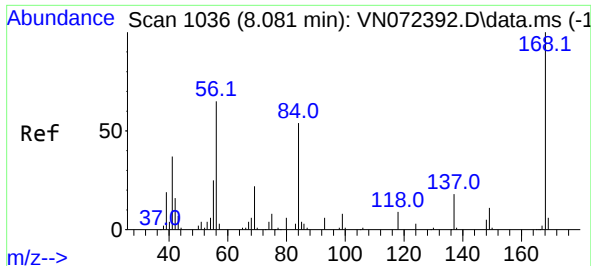
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN0512WBL01
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Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: May 13 02:40:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration

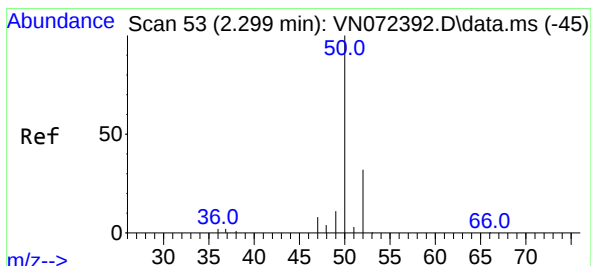
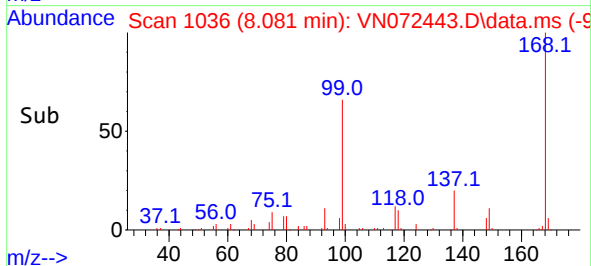
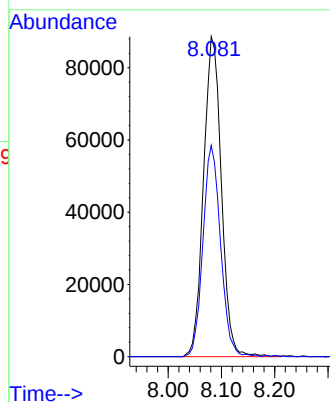
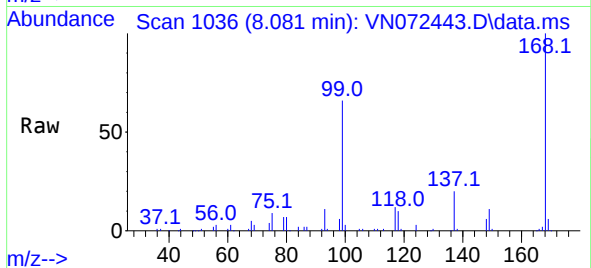




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

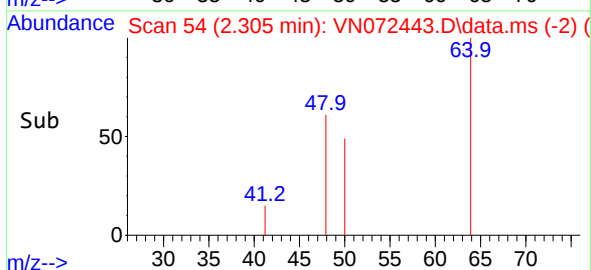
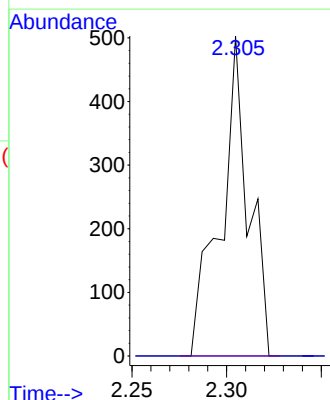
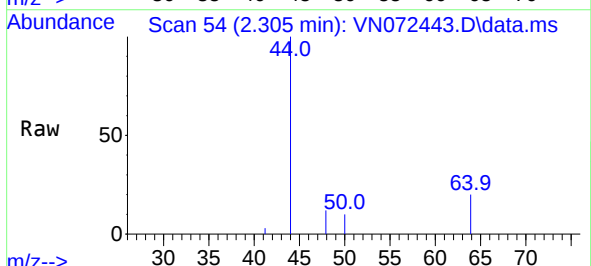
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBL01

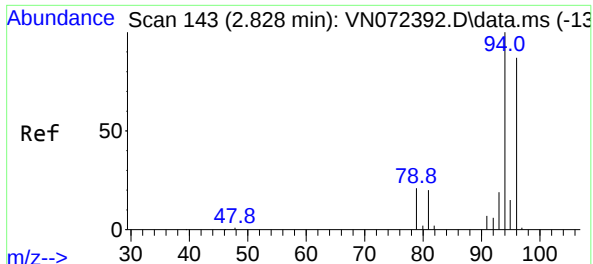
Tgt Ion:168 Resp: 206386
Ion Ratio Lower Upper
168 100
99 66.0 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

Tgt Ion: 50 Resp: 518
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

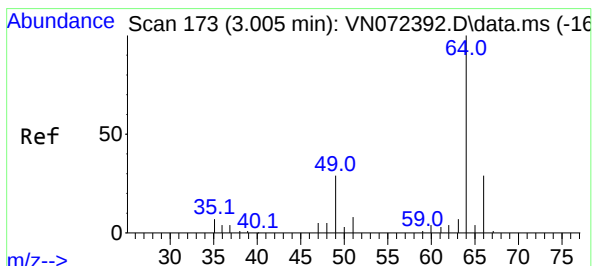
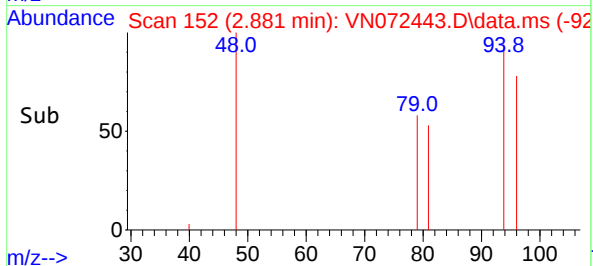
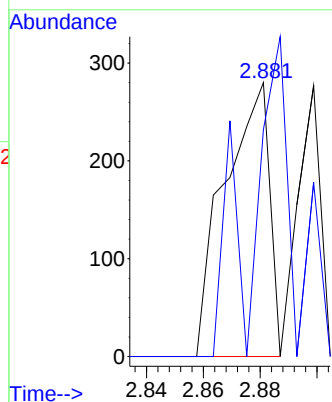
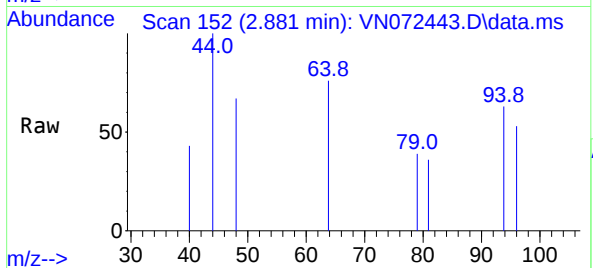




#5
Bromomethane
Concen: 0.233 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

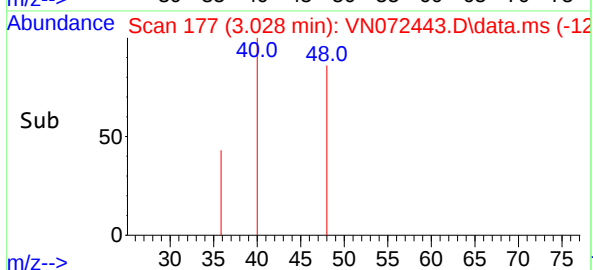
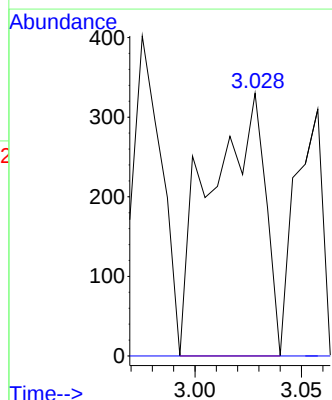
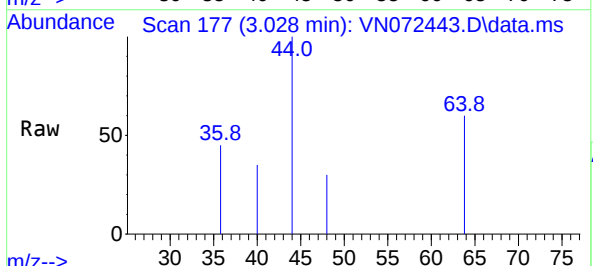
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBL01

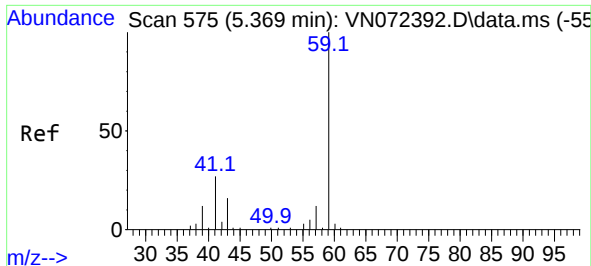
Tgt Ion: 94 Resp: 304
Ion Ratio Lower Upper
94 100
96 82.9 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 3.028 min Scan# 177
Delta R.T. 0.023 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

Tgt Ion: 64 Resp: 594
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

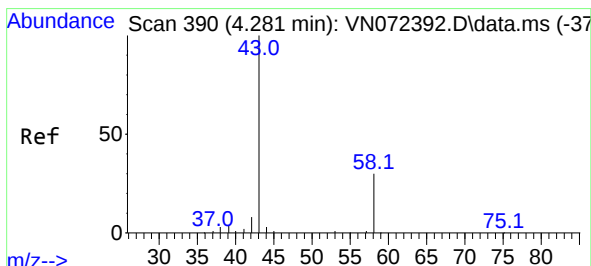
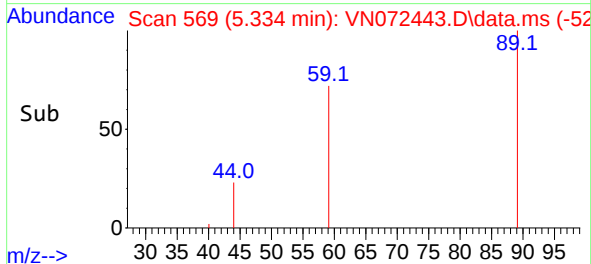
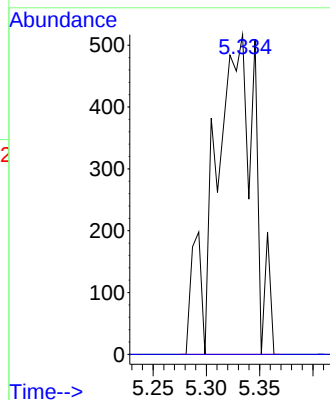
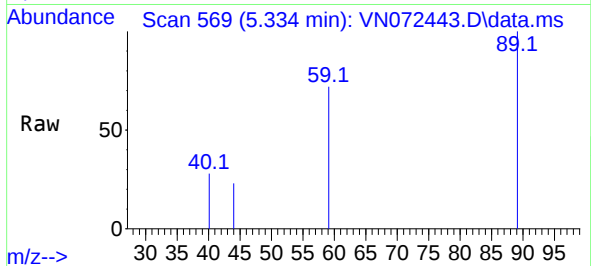




#11
Tert butyl alcohol
Concen: 2.598 ug/l
RT: 5.334 min Scan# 50
Delta R.T. -0.035 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

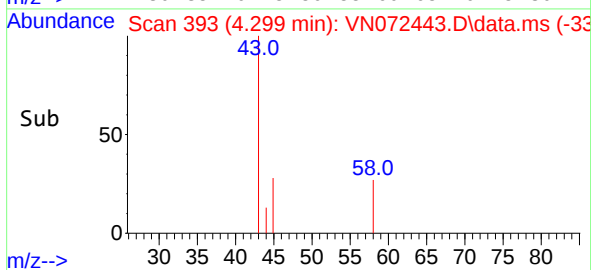
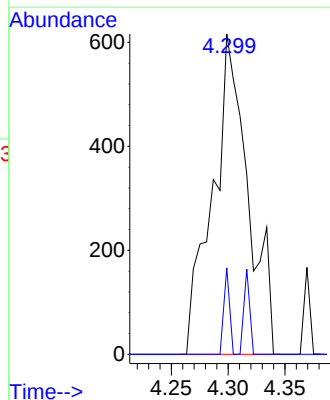
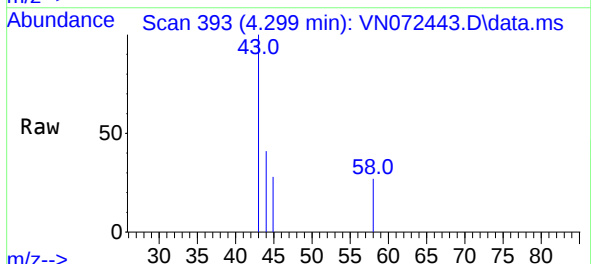
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBL01

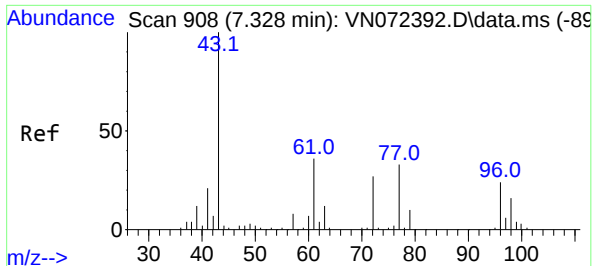
Tgt Ion: 59 Resp: 1343
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.064 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
58 26.9 26.0 39.0





#25

2-Butanone

Concen: 0.317 ug/l

RT: 7.346 min Scan# 911

Delta R.T. 0.018 min

Lab File: VN072443.D

Acq: 12 May 2022 11:05

Instrument :

MSVOA_N

ClientSampleId :

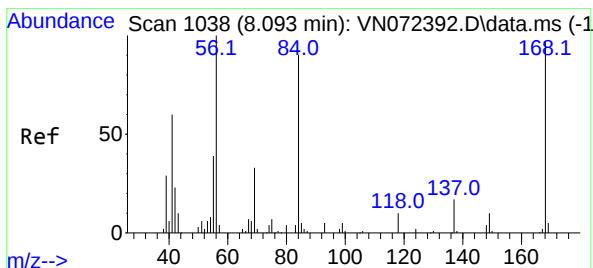
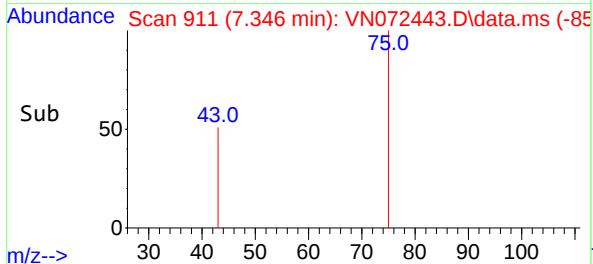
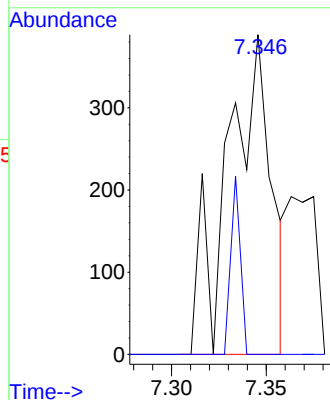
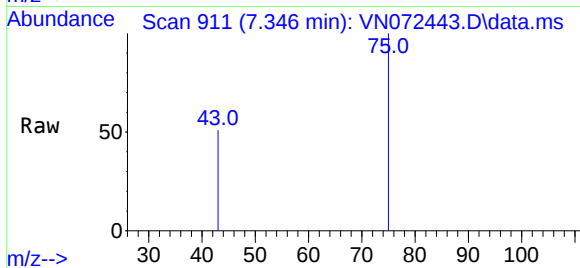
VN0512WBL01

Tgt Ion: 43 Resp: 627

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.069 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN072443.D

Acq: 12 May 2022 11:05

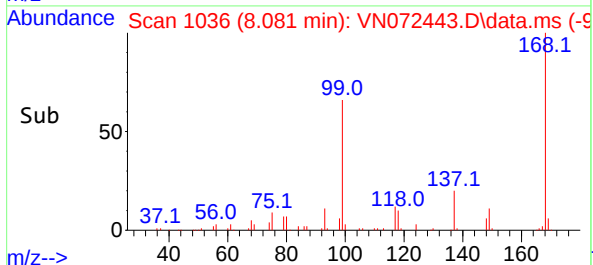
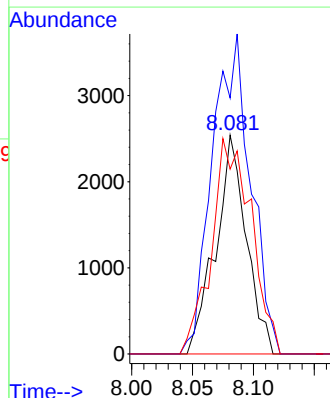
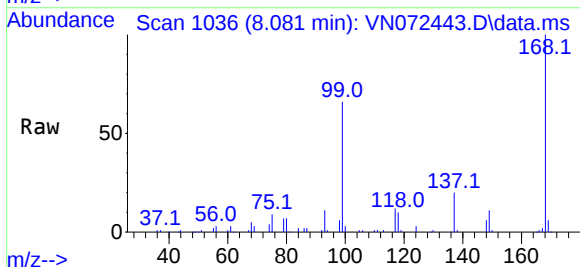
Tgt Ion: 56 Resp: 4477

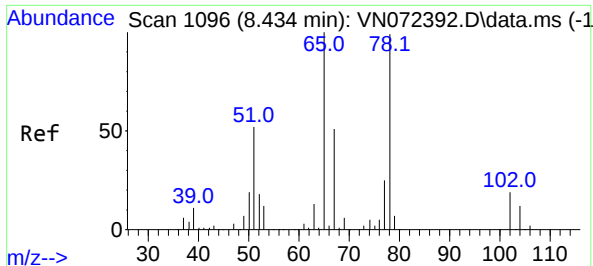
Ion Ratio Lower Upper

56 100

69 117.0 27.8 41.8#

84 84.5 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 51.608 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072443.D

Acq: 12 May 2022 11:05

Instrument :

MSVOA_N

ClientSampleId :

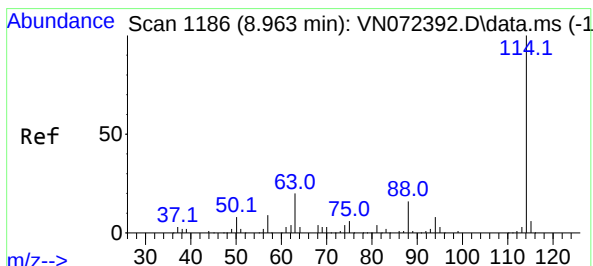
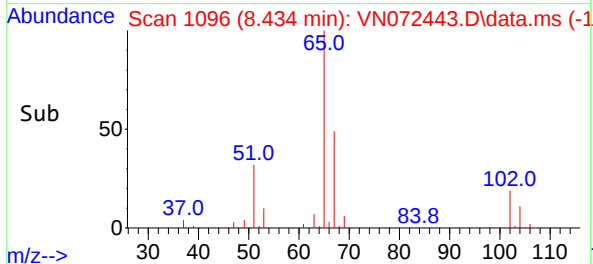
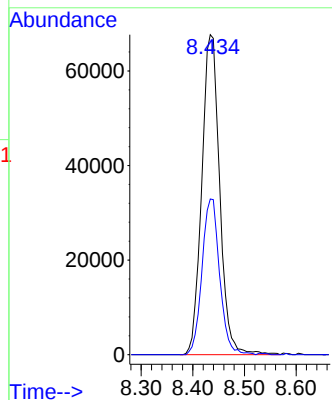
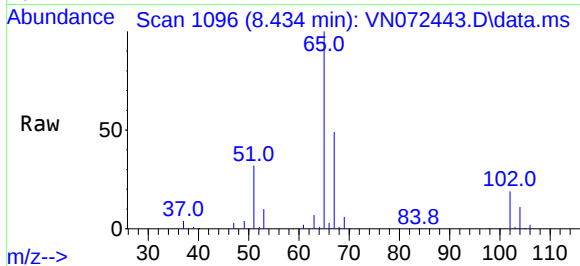
VN0512WBL01

Tgt Ion: 65 Resp: 163142

Ion Ratio Lower Upper

65 100

67 47.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072443.D

Acq: 12 May 2022 11:05

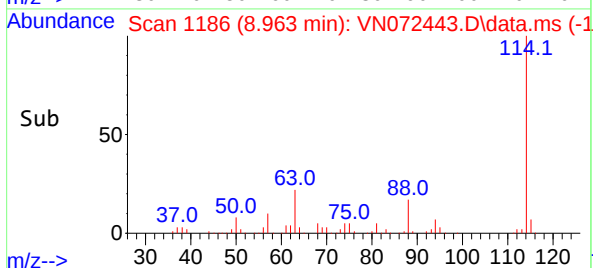
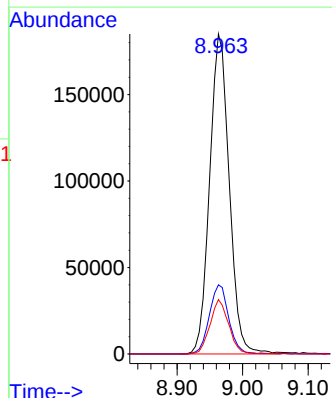
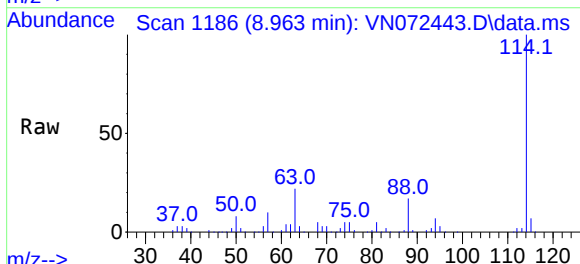
Tgt Ion: 114 Resp: 384373

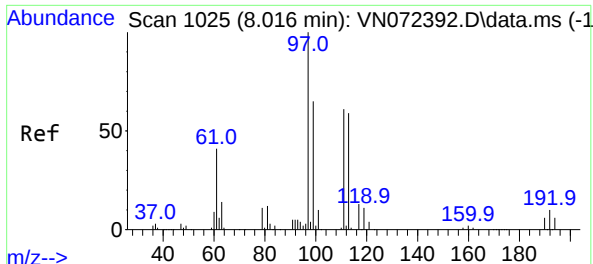
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 17.0 0.0 32.6

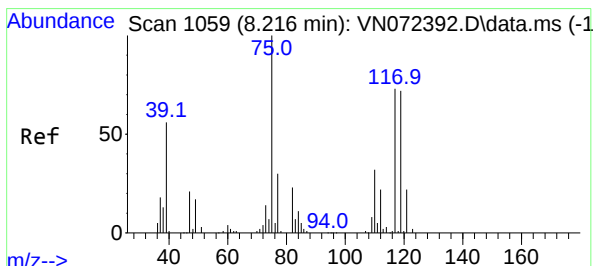
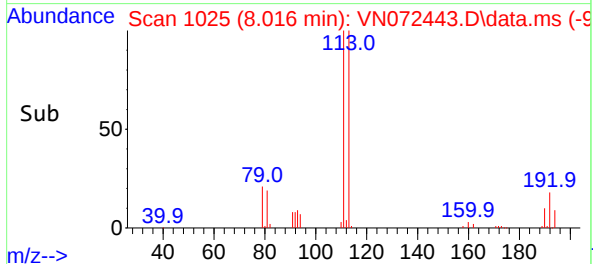
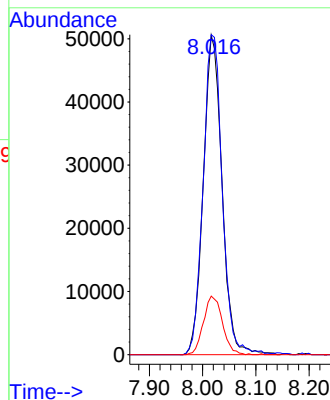
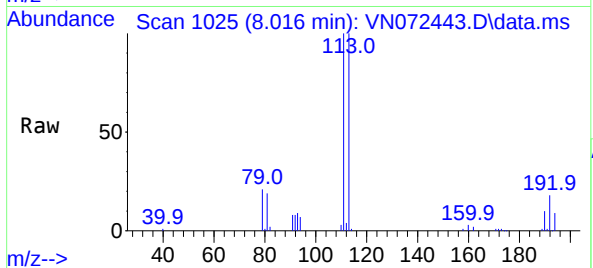




#35
Dibromofluoromethane
Concen: 48.288 ug/l
RT: 8.016 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

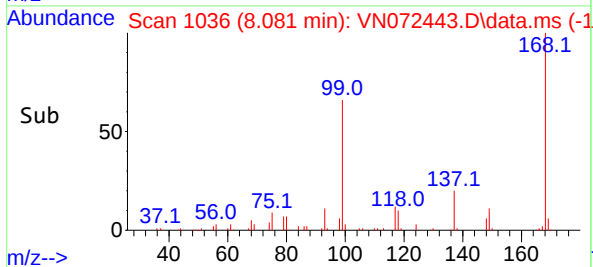
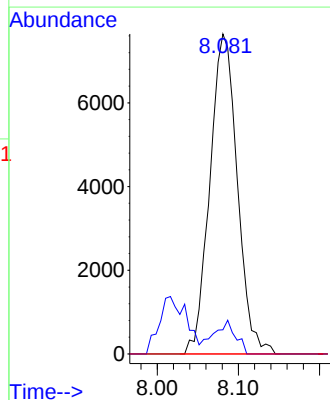
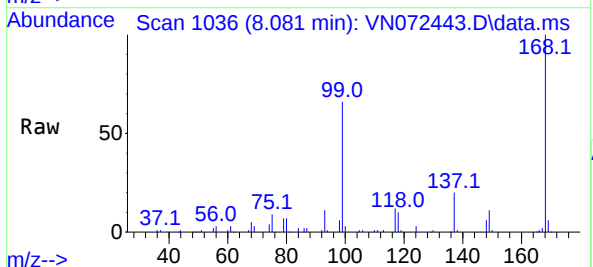
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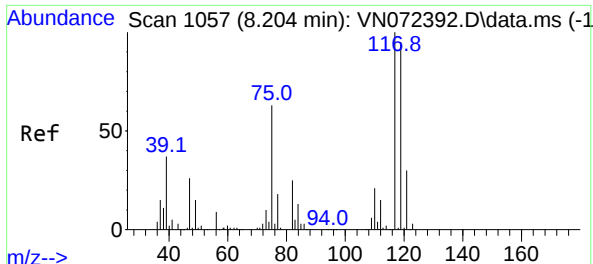
Tgt Ion:113 Resp: 123482
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 18.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.893 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

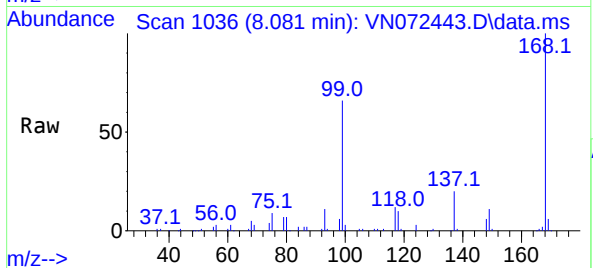
Tgt Ion: 75 Resp: 17971
Ion Ratio Lower Upper
75 100
110 7.9 18.3 54.8#
77 0.0 25.1 37.7#



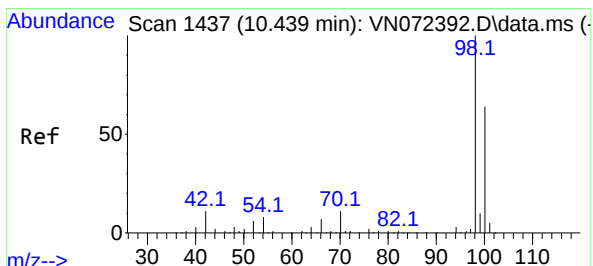
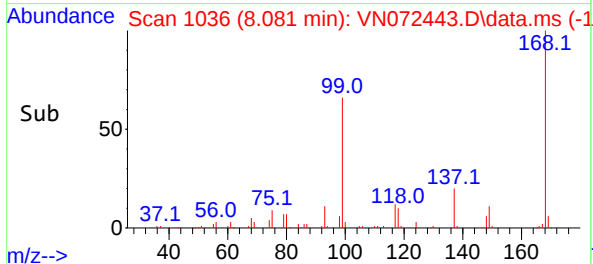
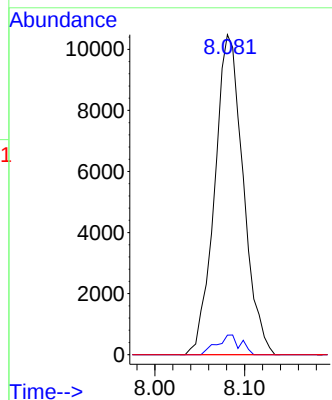


#38
Carbon Tetrachloride
Concen: 5.638 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBL01

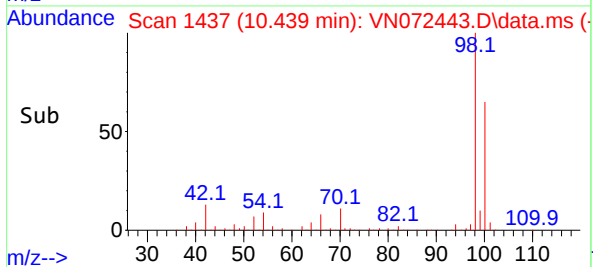
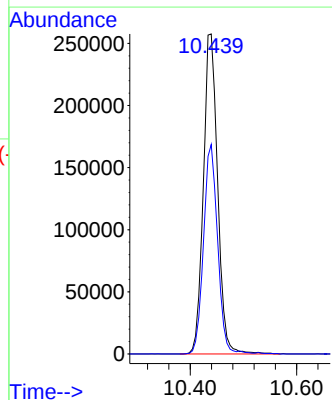
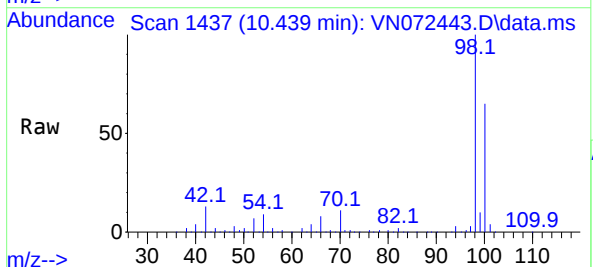


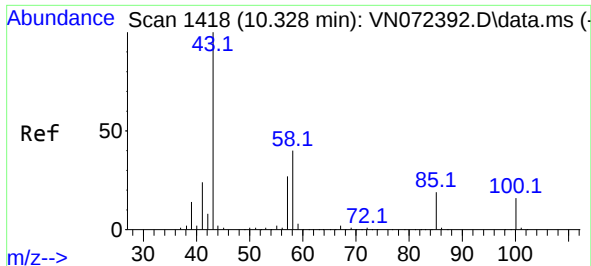
Tgt Ion:117 Resp: 23176
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 49.221 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

Tgt Ion: 98 Resp: 479375
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

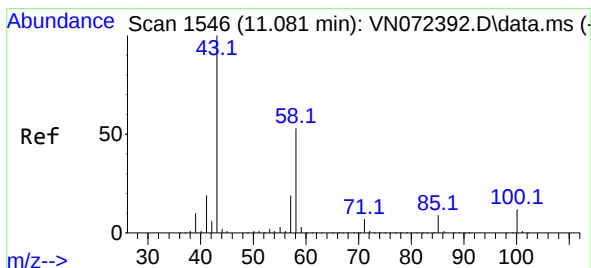
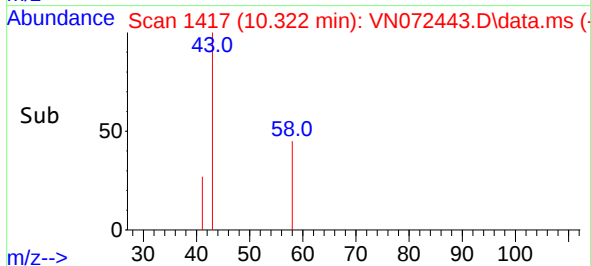
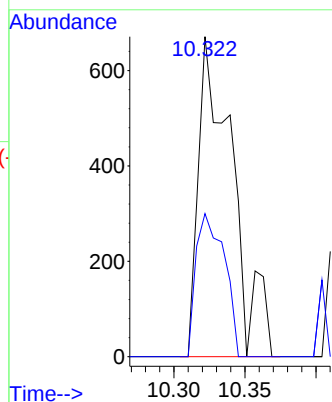
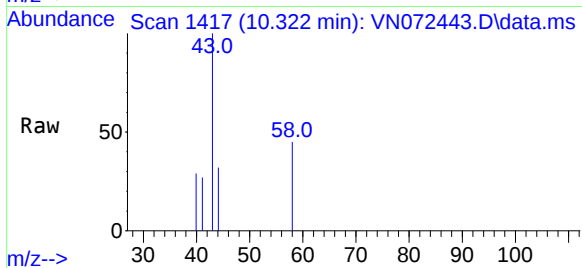




#51
4-Methyl-2-Pentanone
Concen: 0.265 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

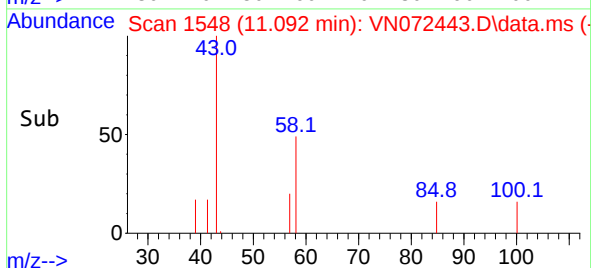
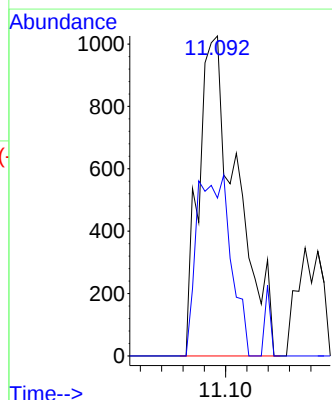
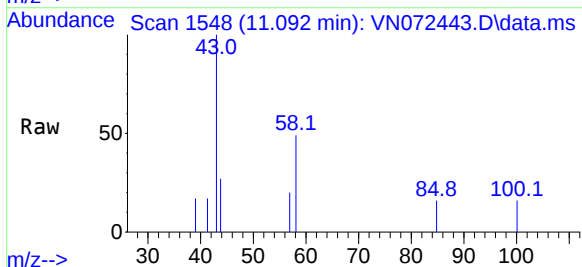
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBL01

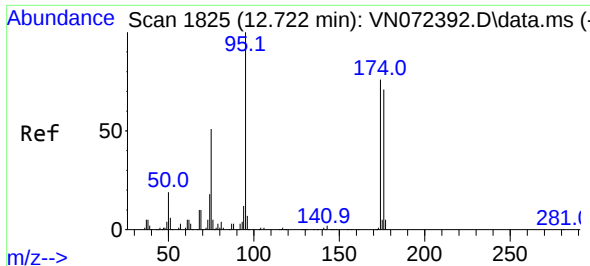
Tgt Ion: 43 Resp: 1113
Ion Ratio Lower Upper
43 100
58 37.4 34.1 51.1



#59
2-Hexanone
Concen: 0.870 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.011 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

Tgt Ion: 43 Resp: 2564
Ion Ratio Lower Upper
43 100
58 49.8 29.7 89.1

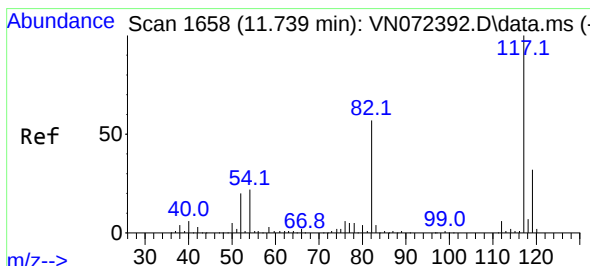
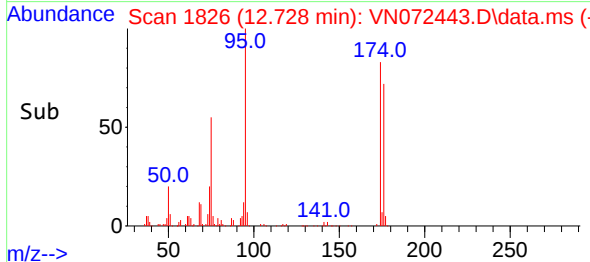
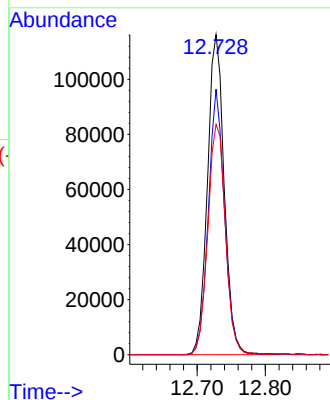
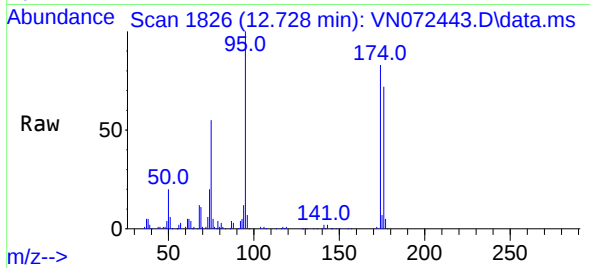




#62
4-Bromofluorobenzene
Concen: 61.543 ug/l
RT: 12.728 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

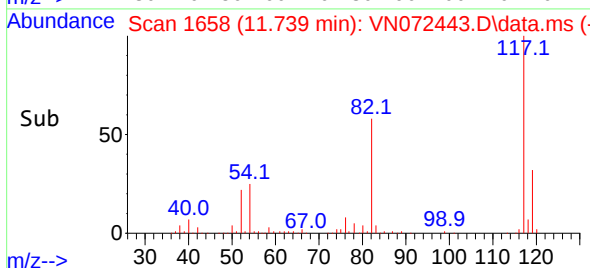
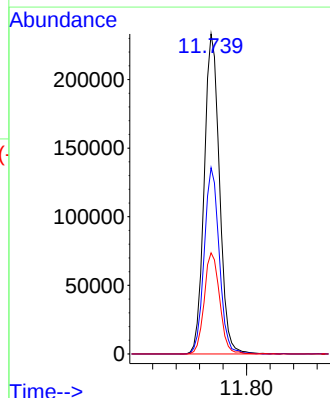
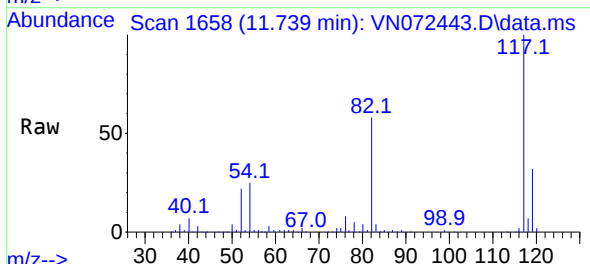
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBL01

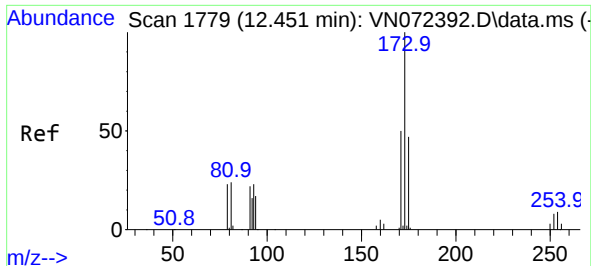
Tgt Ion: 95 Resp: 199057
Ion Ratio Lower Upper
95 100
174 79.9 0.0 167.6
176 75.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

Tgt Ion: 117 Resp: 419479
Ion Ratio Lower Upper
117 100
82 58.2 44.2 66.2
119 31.6 25.4 38.0

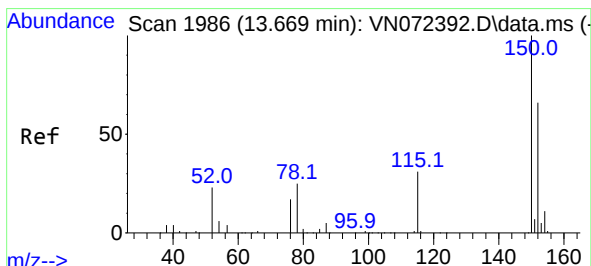
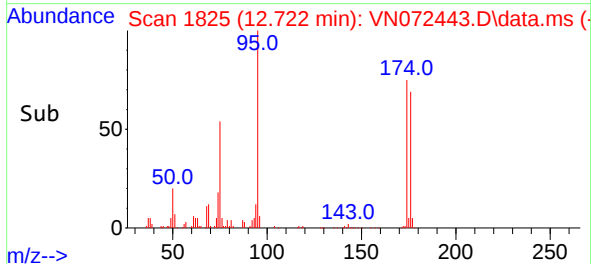
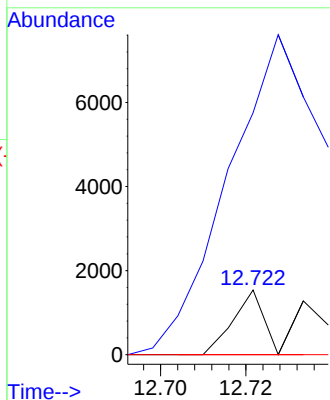
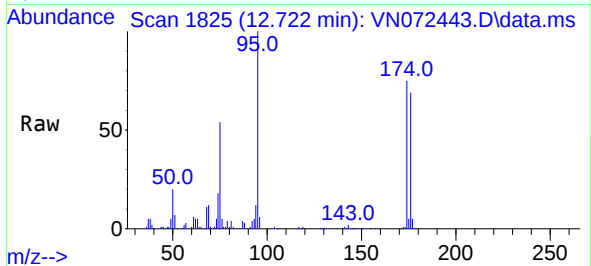




#71
Bromoform
Concen: 0.303 ug/l
RT: 12.722 min Scan# 1825
Delta R.T. 0.271 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

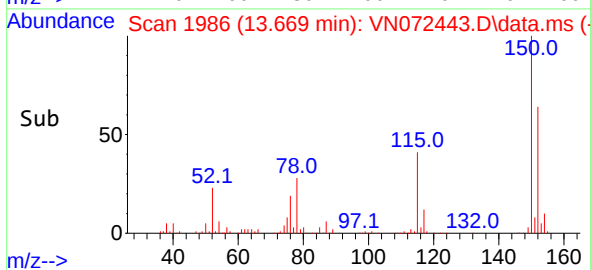
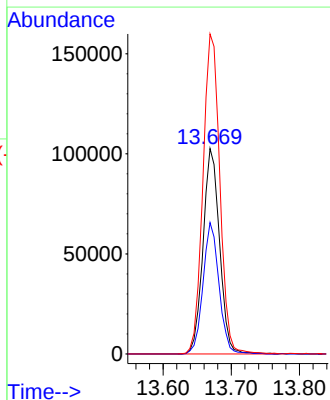
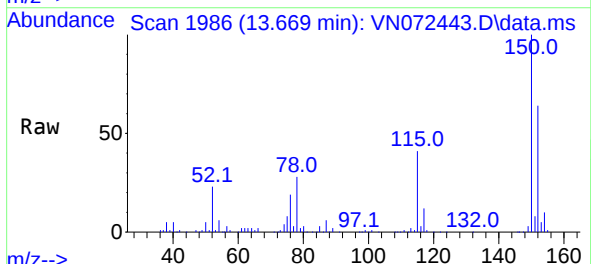
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBL01

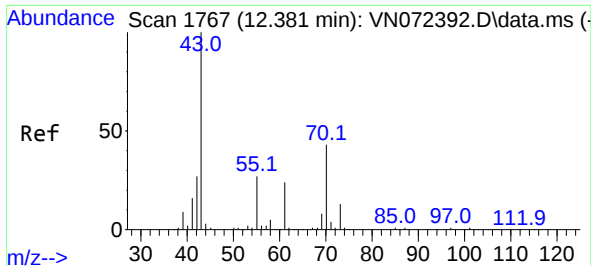
Tgt Ion:173 Resp: 766
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

Tgt Ion:152 Resp: 173181
Ion Ratio Lower Upper
152 100
115 61.9 28.9 86.7
150 159.5 0.0 356.2

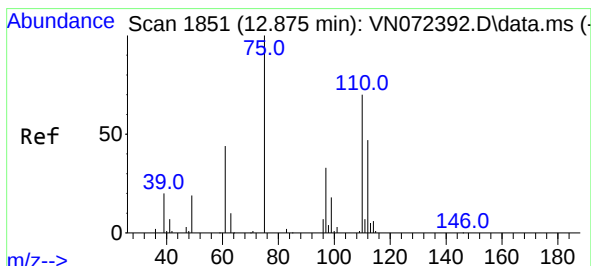
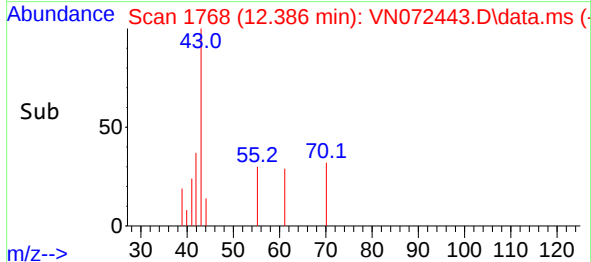
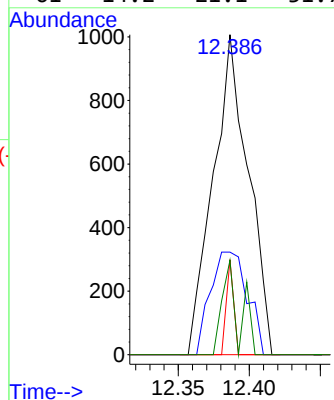
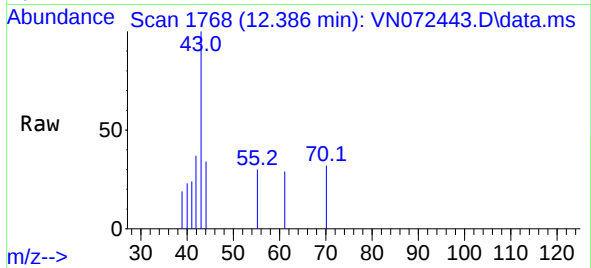




#74
N-amy1 acetate
Concen: 0.342 ug/l
RT: 12.386 min Scan# 1735
Delta R.T. 0.005 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

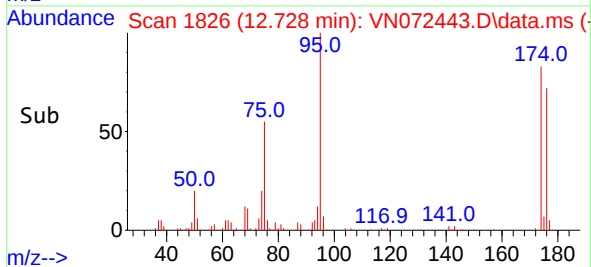
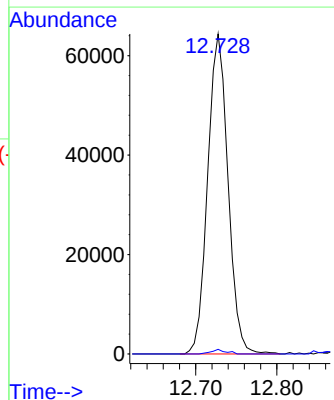
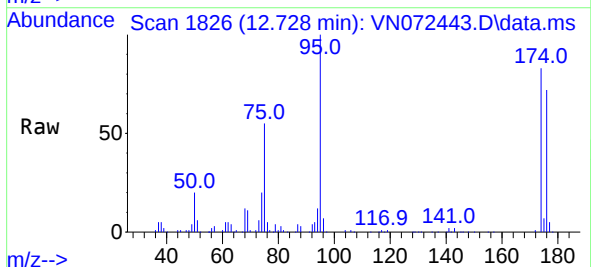
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBL01

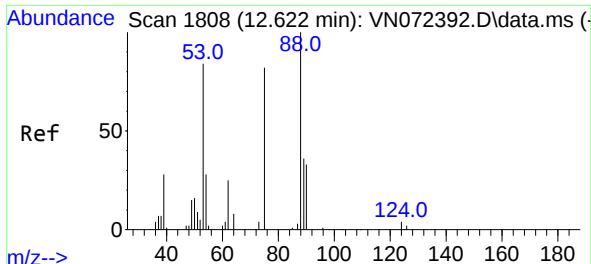
Tgt Ion: 43	Resp: 1735
Ion Ratio	Lower Upper
43 100	
70 33.7	39.0 58.4#
55 6.1	21.1 31.7#
61 14.2	21.1 31.7#



#76
1,2,3-Trichloropropane
Concen: 24.763 ug/l
RT: 12.728 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

Tgt Ion: 75	Resp: 111854
Ion Ratio	Lower Upper
75 100	
77 1.0	98.5 295.5#

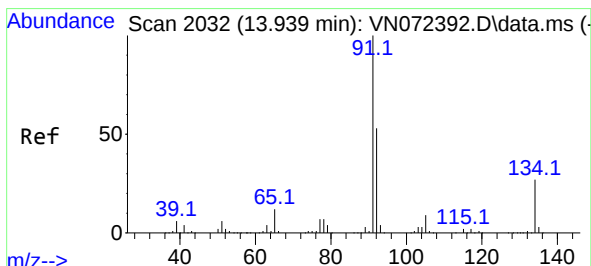
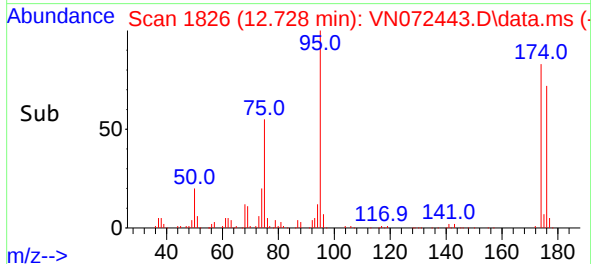
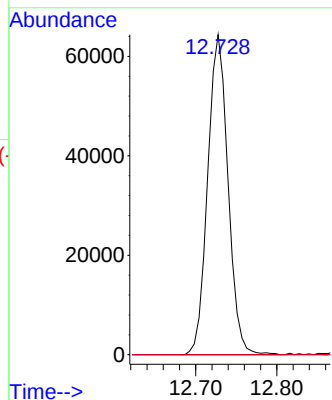
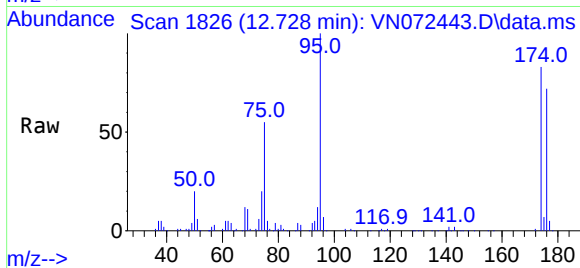




#81
trans-1,4-Dichloro-2-butene
Concen: 82.612 ug/l
RT: 12.728 min Scan# 111854
Delta R.T. 0.106 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

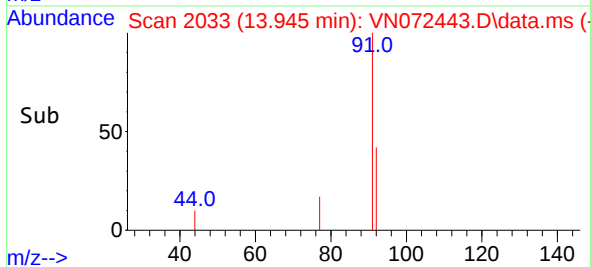
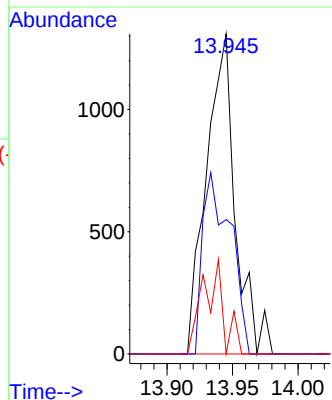
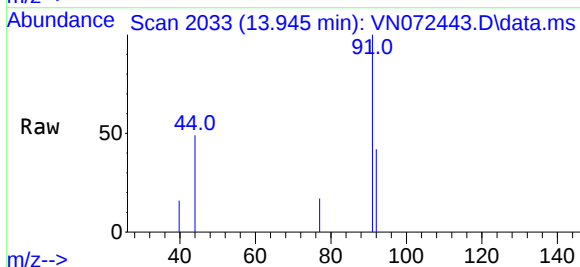
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBL01

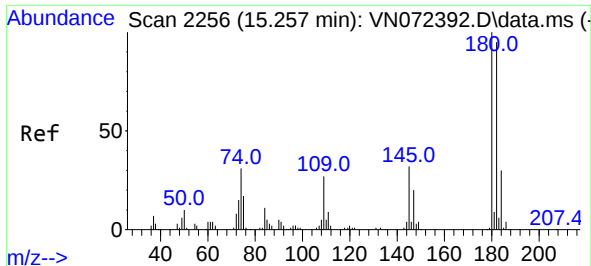
Tgt Ion: 75 Resp: 111854
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#89
n-Butylbenzene
Concen: 0.247 ug/l
RT: 13.945 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

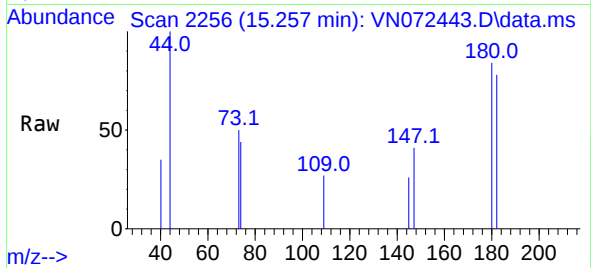
Tgt Ion: 91 Resp: 2017
Ion Ratio Lower Upper
91 100
92 54.4 26.9 80.7
134 21.1 13.6 40.8



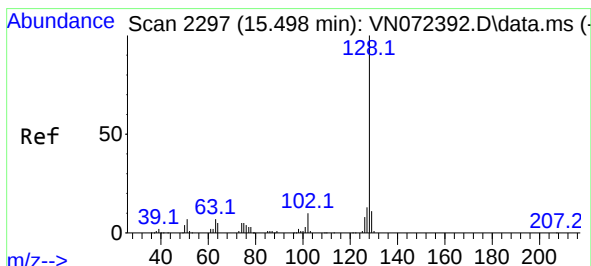
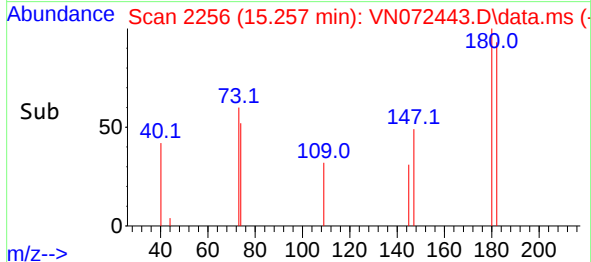
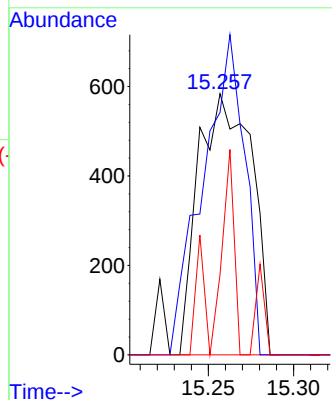


#93
1,2,4-Trichlorobenzene
Concen: 0.569 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBL01

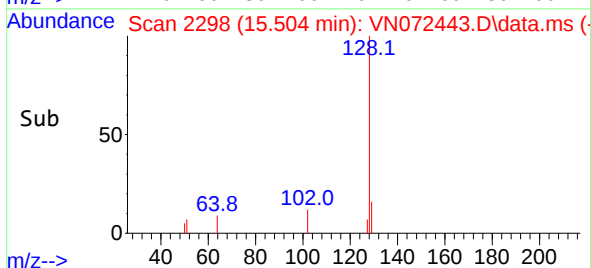
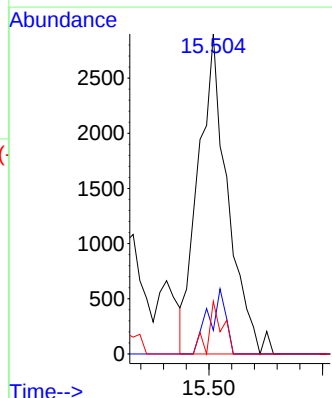
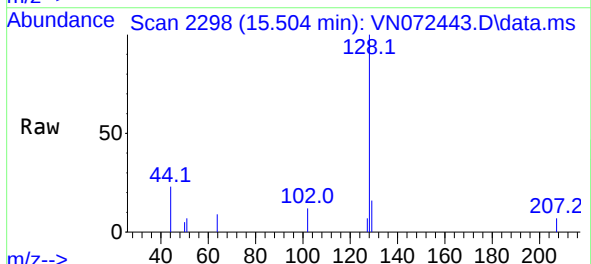


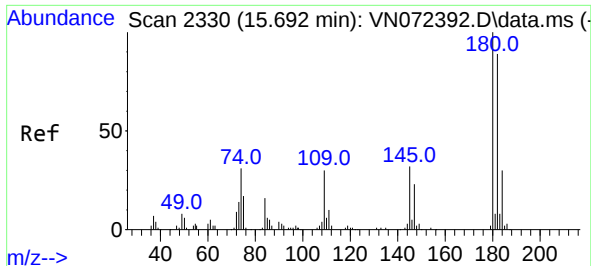
Tgt Ion:180 Resp: 1274
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.5
145 25.1 14.5 43.5



#95
Naphthalene
Concen: 3.764 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

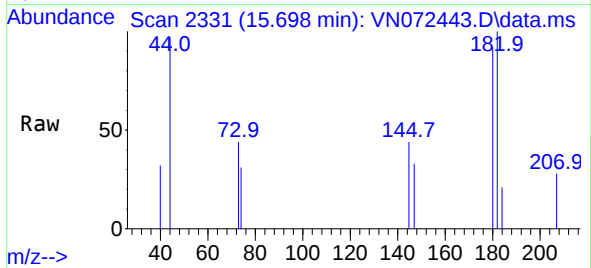
Tgt Ion:128 Resp: 5194
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 8.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.753 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072443.D
 Acq: 12 May 2022 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBL01



Tgt Ion:	180	Resp:	1689
Ion	Ratio	Lower	Upper
180	100		
182	97.9	47.8	143.3
145	11.0	15.5	46.5

