

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072888.D
 Acq On : 16 Jun 2022 19:13
 Operator : JC\MD
 Sample : VN0616WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 17 06:06:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

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

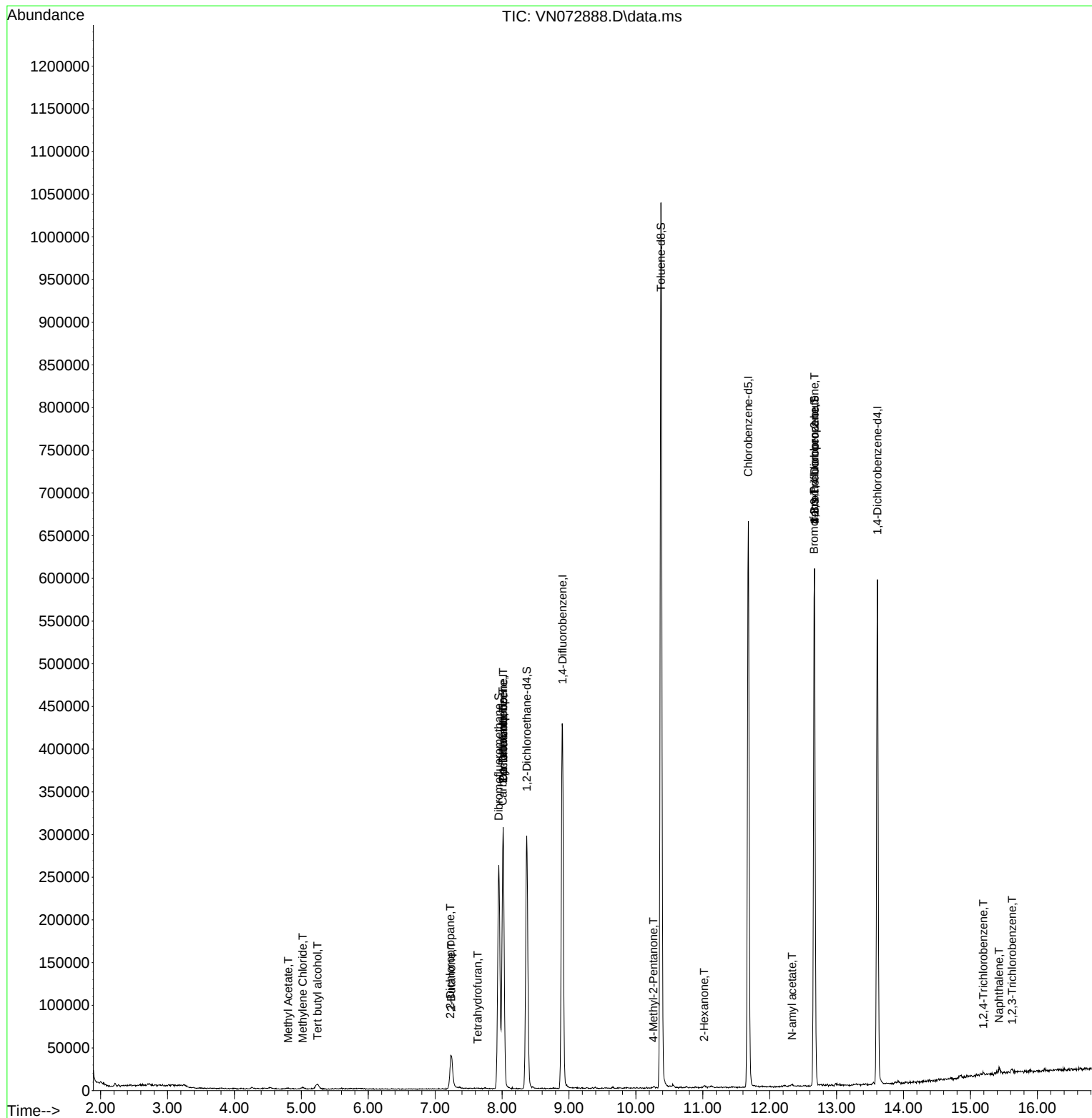
Internal Standards						
1) Pentafluorobenzene	8.016	168	236883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	403670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	395112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	168122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	247758	56.611	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	113.220%	
35) Dibromofluoromethane	7.951	113	193354	52.731	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	105.460%	
50) Toluene-d8	10.374	98	719050	50.098	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	100.200%	
62) 4-Bromofluorobenzene	12.668	95	224944	45.179	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	90.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.239	59	5800	5.090	ug/l #	72
13) Acrolein	4.010	56	54	Below Cal	#	31
18) Methyl Acetate	4.804	43	2244	0.356	ug/l #	75
20) Methylene Chloride	5.022	84	1398	0.354	ug/l #	65
25) 2-Butanone	7.239	43	2674	0.760	ug/l #	45
26) 2,2-Dichloropropane	7.228	77	2736	0.467	ug/l #	53
29) Tetrahydrofuran	7.633	42	492	0.211	ug/l #	60
31) Cyclohexane	8.016	56	4859	0.828	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	17926	3.580	ug/l #	49
38) Carbon Tetrachloride	8.010	117	23730	4.401	ug/l #	15
51) 4-Methyl-2-Pentanone	10.263	43	1813	0.248	ug/l #	57
59) 2-Hexanone	11.021	43	2496	0.461	ug/l	81
71) Bromoform	12.662	173	1263	0.388	ug/l #	28
74) N-amyl acetate	12.333	43	1444	0.209	ug/l #	41
76) 1,2,3-Trichloropropane	12.668	75	109814	21.975	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	109814	62.589	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.527	75	457	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	15.192	180	1266	0.410	ug/l	90
95) Naphthalene	15.427	128	7472	0.701	ug/l	96
96) 1,2,3-Trichlorobenzene	15.621	180	1397	0.456	ug/l	95

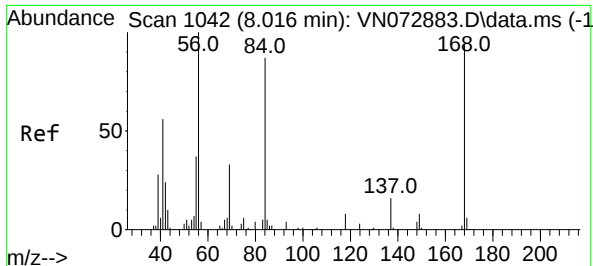
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072888.D
Acq On : 16 Jun 2022 19:13
Operator : JC\MD
Sample : VN0616WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 17 06:06:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 17 06:04:26 2022
Response via : Initial Calibration

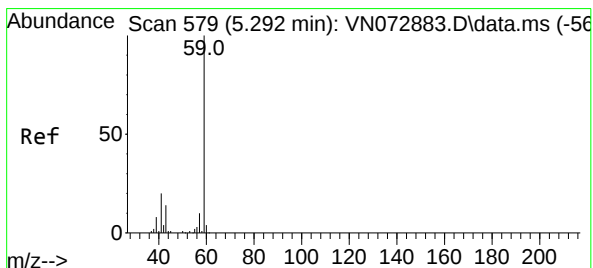
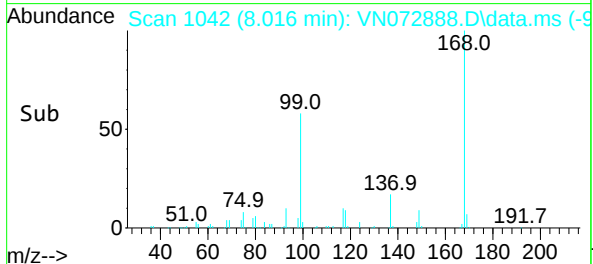
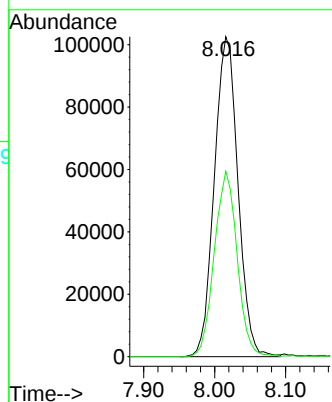
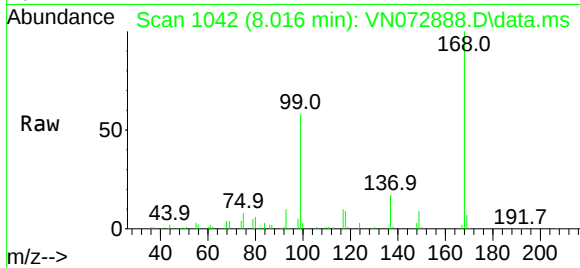




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

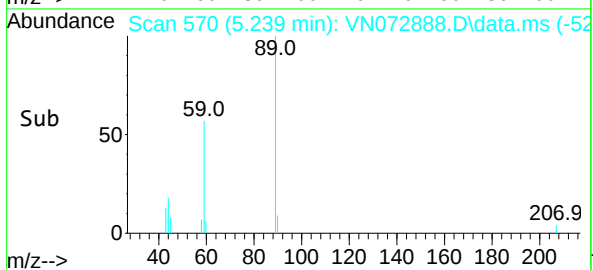
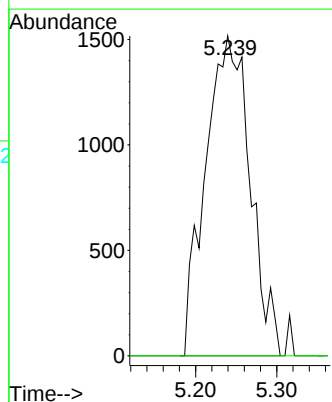
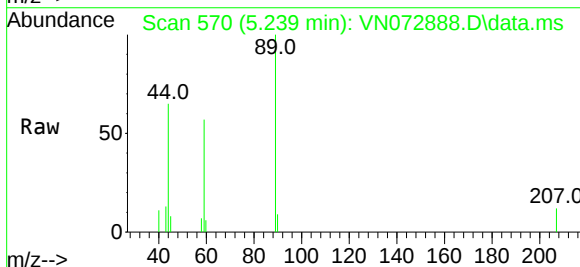
Instrument :
MSVOA_N
ClientSampleId :

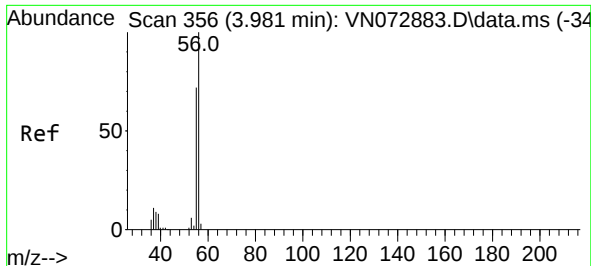
Tgt Ion:168 Resp: 236883
Ion Ratio Lower Upper
168 100
99 58.0 42.3 63.5



#11
Tert butyl alcohol
Concen: 5.090 ug/l
RT: 5.239 min Scan# 570
Delta R.T. -0.053 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

Tgt Ion: 59 Resp: 5800
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: Below Cal

RT: 4.010 min Scan# 30

Delta R.T. 0.029 min

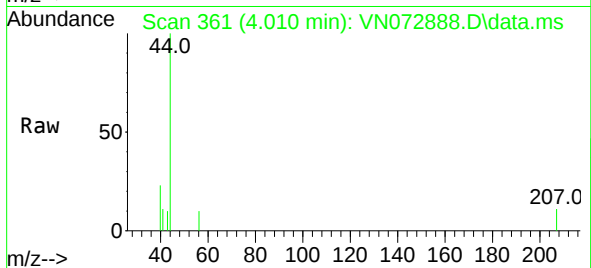
Lab File: VN072888.D

Acq: 16 Jun 2022 19:13

Instrument :

MSVOA_N

ClientSampleId :

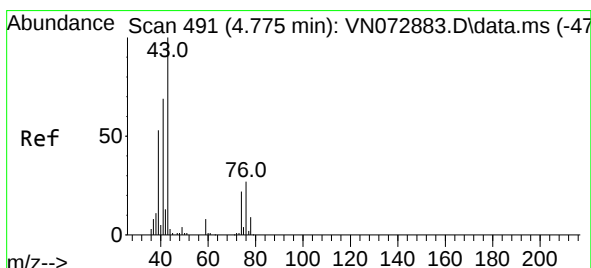
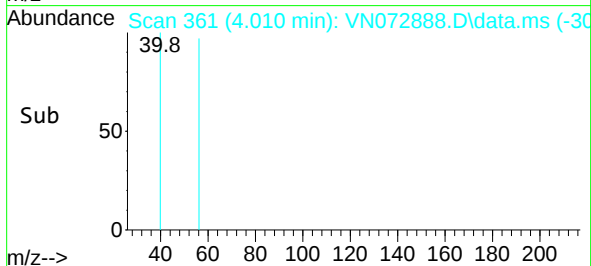
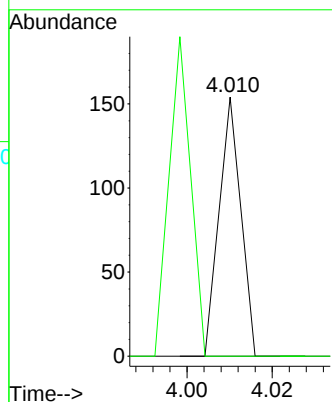


Tgt Ion: 56 Resp: 54

Ion Ratio Lower Upper

56 100

55 124.1 54.8 82.2#



#18

Methyl Acetate

Concen: 0.356 ug/l

RT: 4.804 min Scan# 496

Delta R.T. 0.029 min

Lab File: VN072888.D

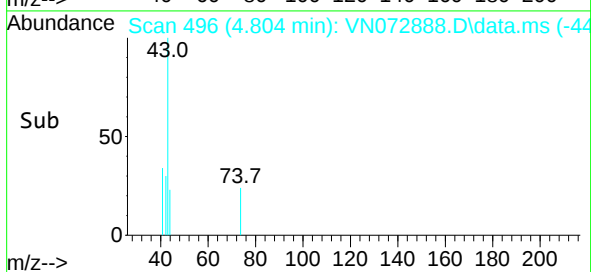
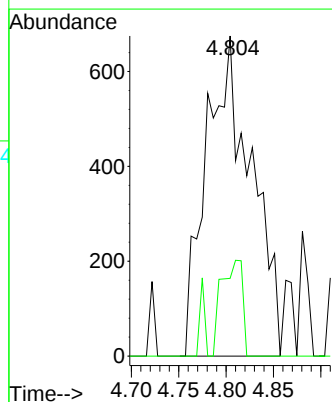
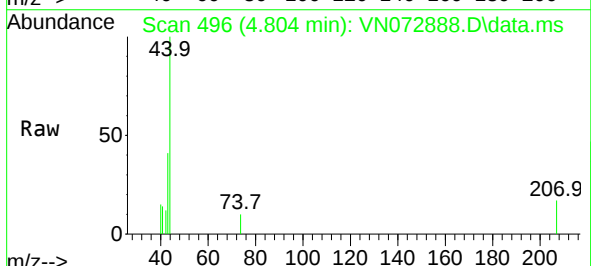
Acq: 16 Jun 2022 19:13

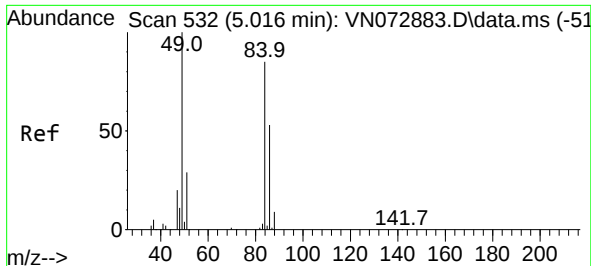
Tgt Ion: 43 Resp: 2244

Ion Ratio Lower Upper

43 100

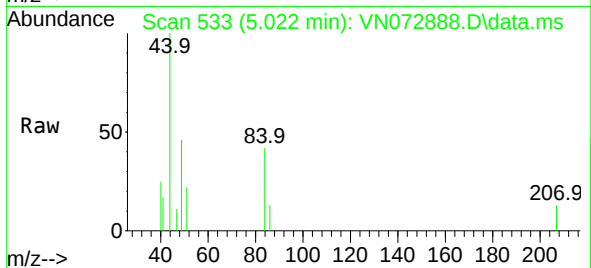
74 14.0 21.6 32.4#



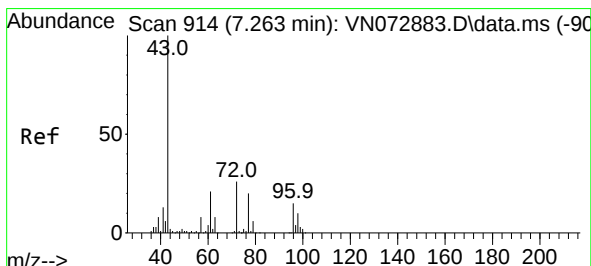
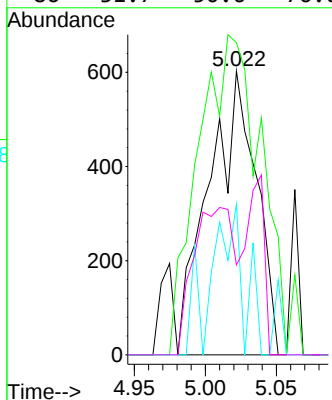
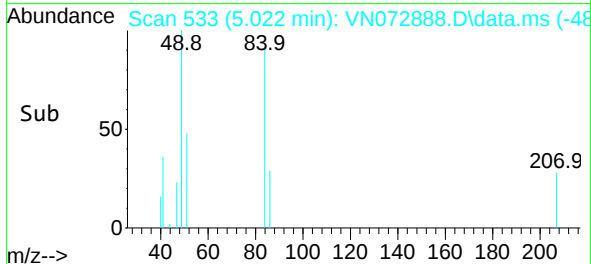


#20
Methylene Chloride
Concen: 0.354 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

Instrument :
MSVOA_N
ClientSampleId :

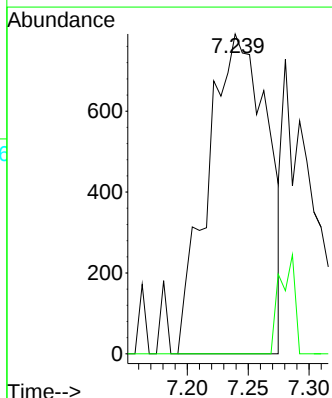
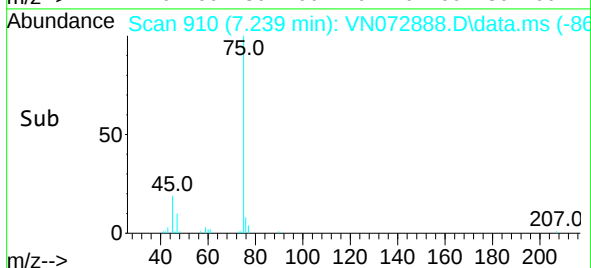
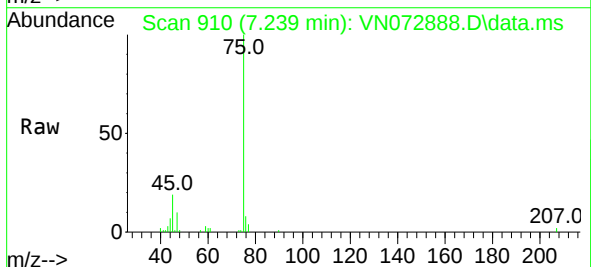


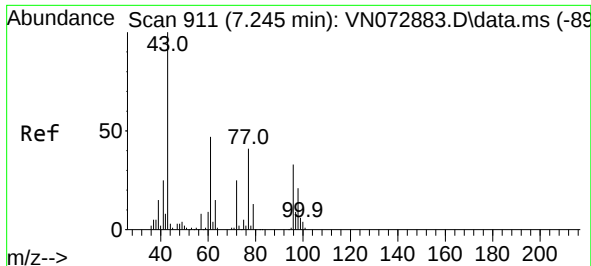
Tgt Ion: 84 Resp: 1398
Ion Ratio Lower Upper
84 100
49 75.8 88.3 132.5#
51 53.1 28.2 42.2#
86 31.7 50.6 76.0#



#25
2-Butanone
Concen: 0.760 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.024 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

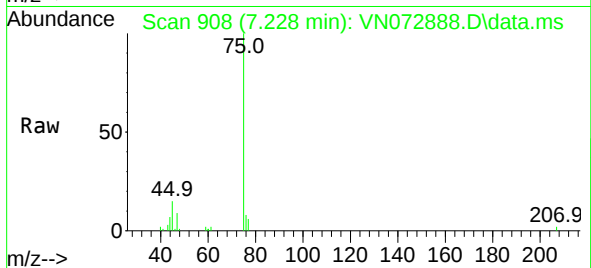
Tgt Ion: 43 Resp: 2674
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



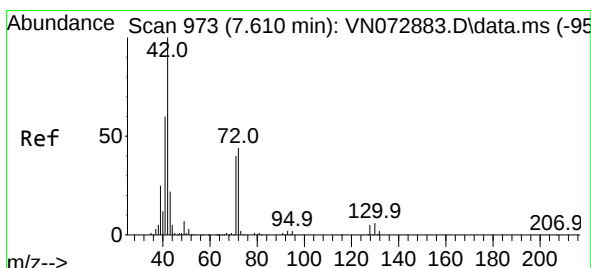
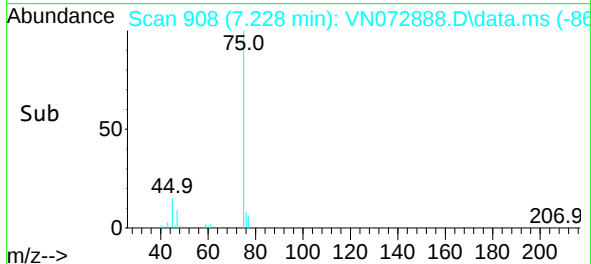
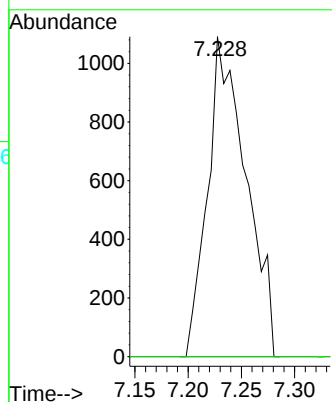


#26
2,2-Dichloropropane
Concen: 0.467 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.018 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

Instrument :
MSVOA_N
ClientSampleId :

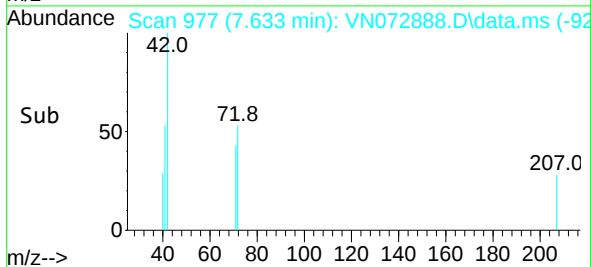
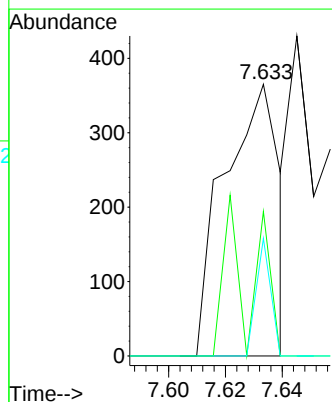
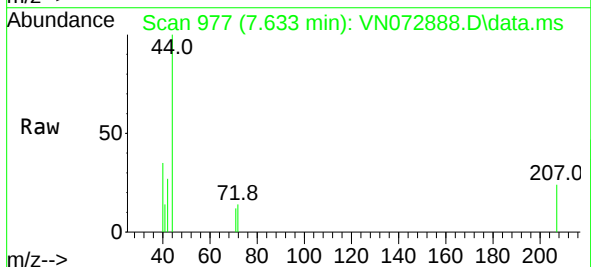


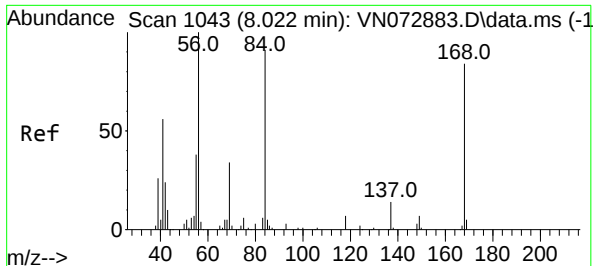
Tgt Ion: 77 Resp: 2736
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#29
Tetrahydrofuran
Concen: 0.211 ug/l
RT: 7.633 min Scan# 977
Delta R.T. 0.023 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

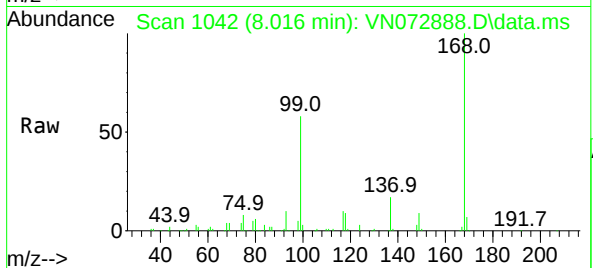
Tgt Ion: 42 Resp: 492
Ion Ratio Lower Upper
42 100
72 29.5 39.7 59.5#
71 11.4 36.6 55.0#



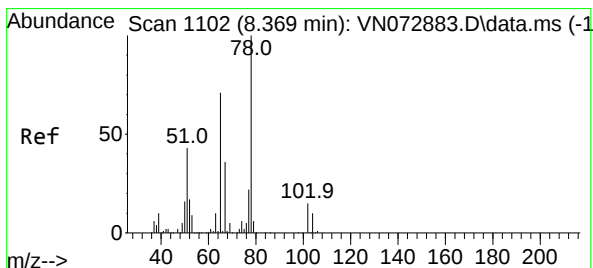
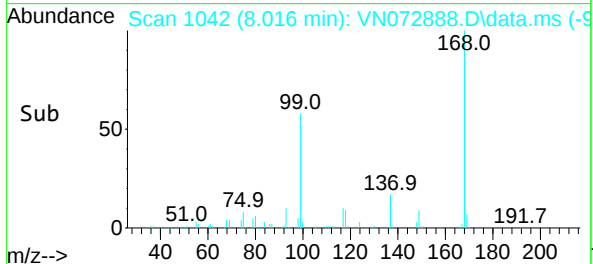
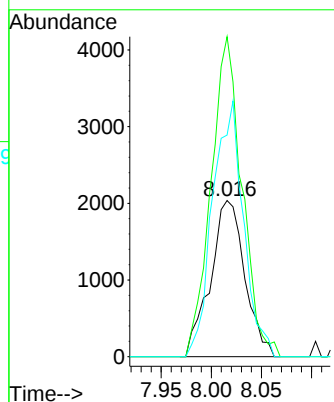


#31
Cyclohexane
Concen: 0.828 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

Instrument :
MSVOA_N
ClientSampleId :

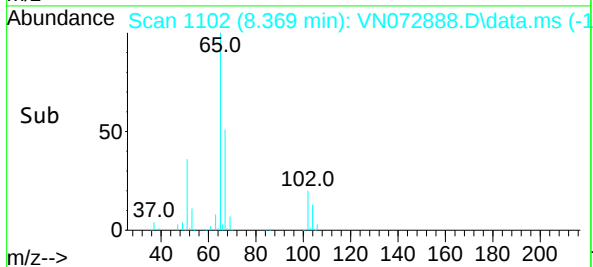
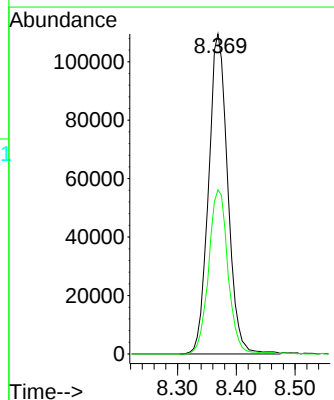
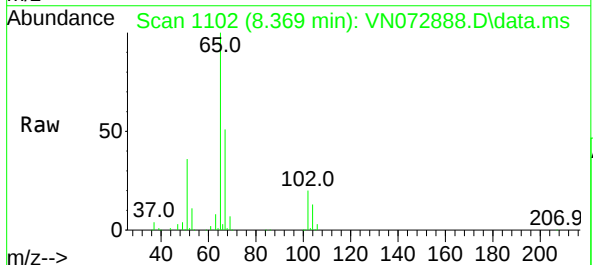


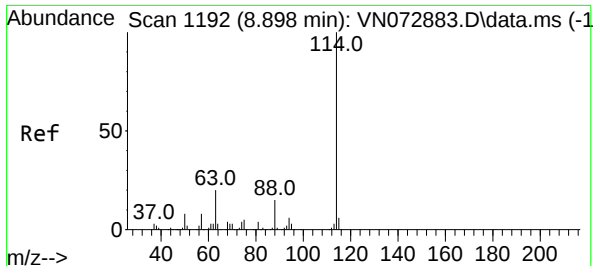
Tgt Ion: 56 Resp: 4859
Ion Ratio Lower Upper
56 100
69 205.0 27.8 41.8#
84 141.9 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 56.611 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

Tgt Ion: 65 Resp: 247758
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8

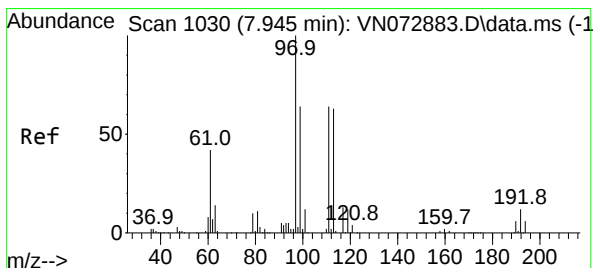
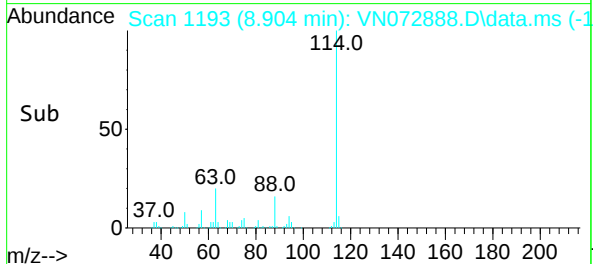
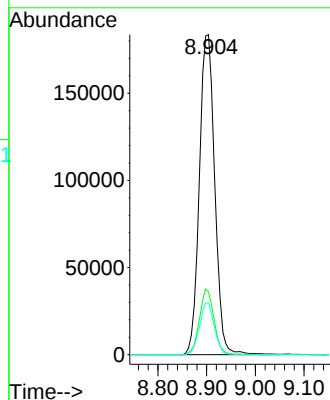
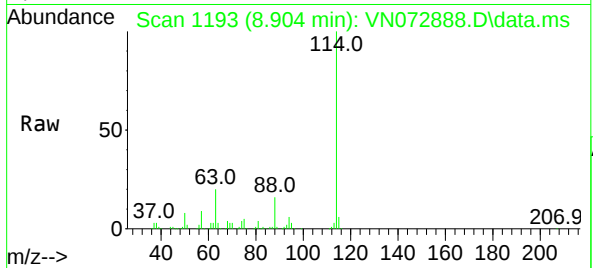




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

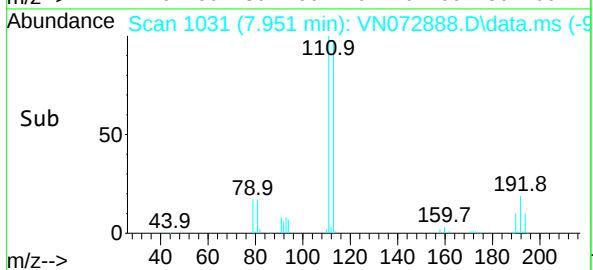
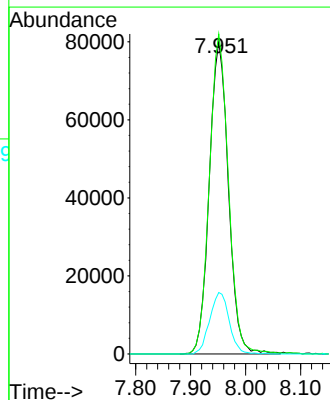
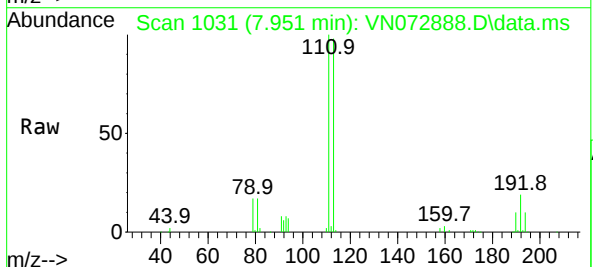
Instrument :
MSVOA_N
ClientSampleId :

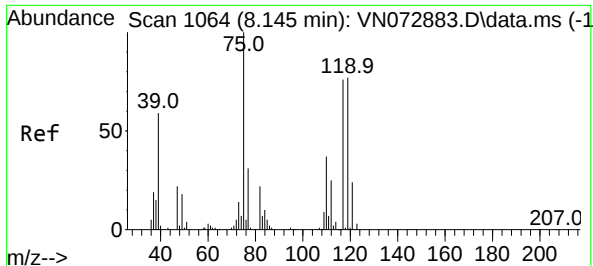
Tgt Ion:114 Resp: 403670
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.731 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

Tgt Ion:113 Resp: 193354
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 20.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 3.580 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

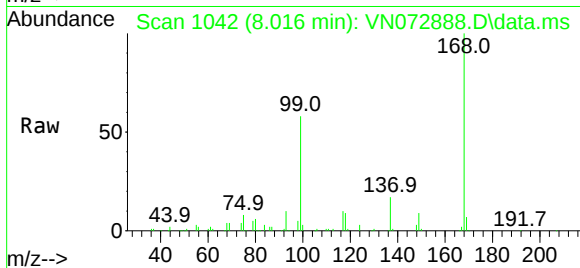
Lab File: VN072888.D

Acq: 16 Jun 2022 19:13

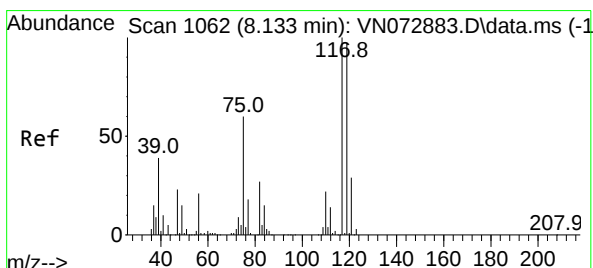
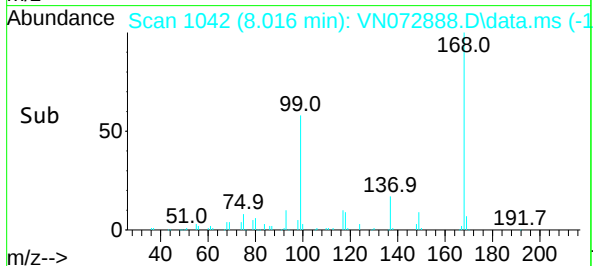
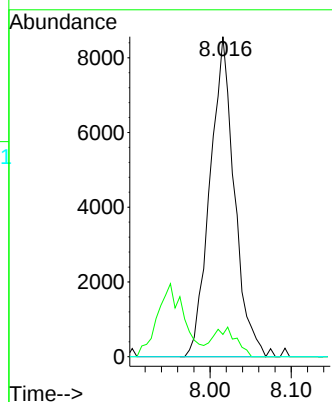
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	17926
Ion Ratio	Lower	Upper	
75	100		
110	8.7	18.3	54.8#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 4.401 ug/l

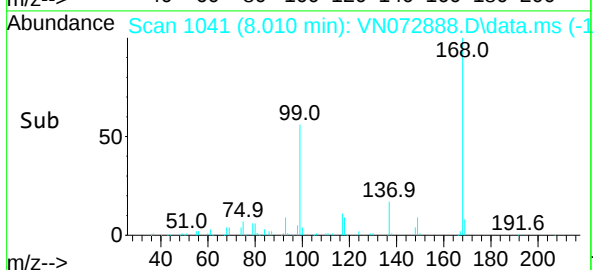
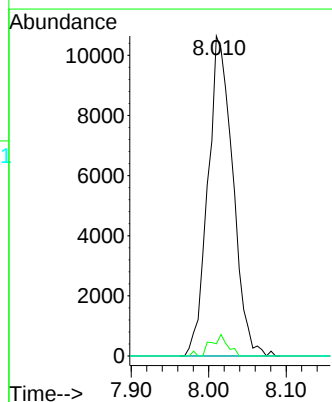
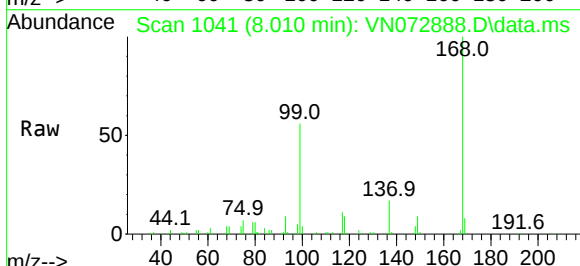
RT: 8.010 min Scan# 1041

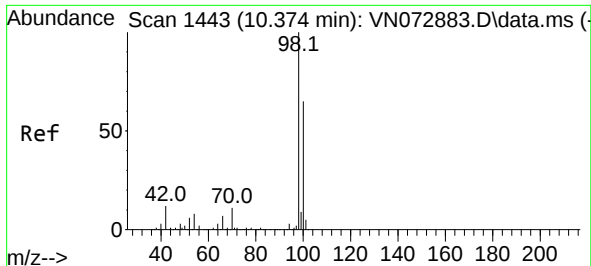
Delta R.T. -0.124 min

Lab File: VN072888.D

Acq: 16 Jun 2022 19:13

Tgt Ion:	117	Resp:	23730
Ion Ratio	Lower	Upper	
117	100		
119	3.8	75.8	113.8#
121	0.0	24.6	37.0#

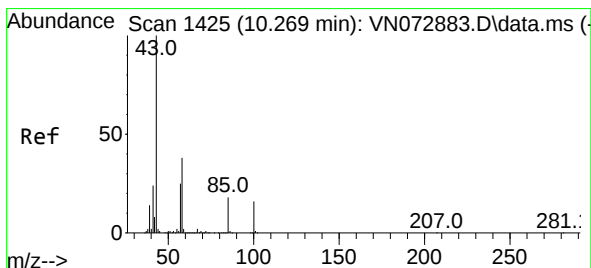
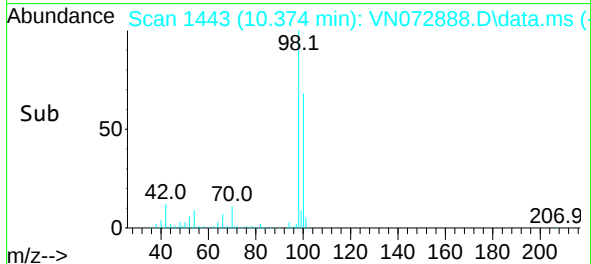
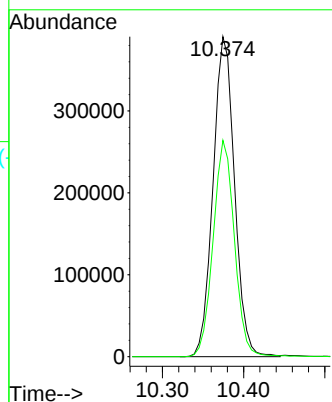
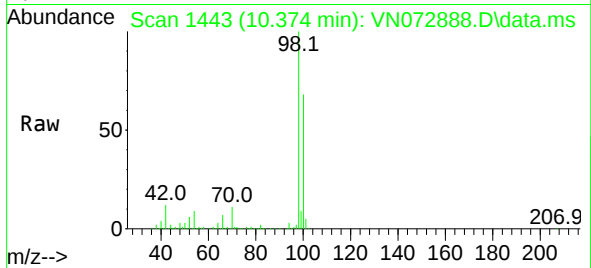




#50
Toluene-d8
Concen: 50.098 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

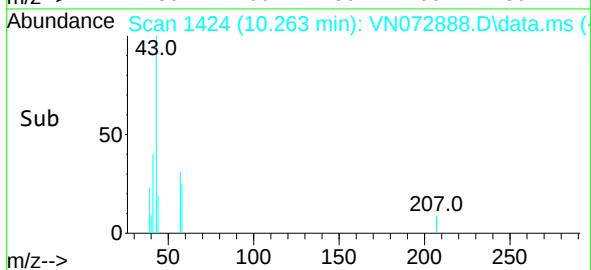
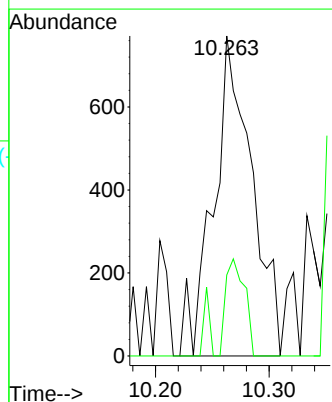
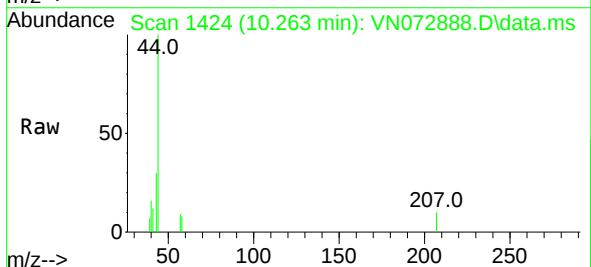
Instrument :
MSVOA_N
ClientSampleId :

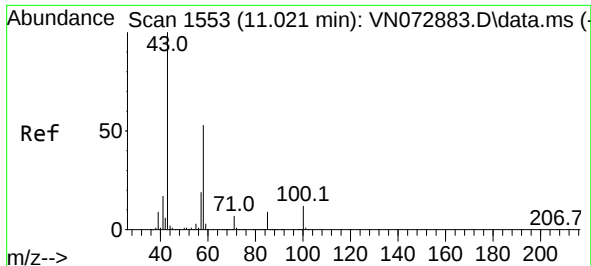
Tgt Ion: 98 Resp: 719050
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.248 ug/l
RT: 10.263 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

Tgt Ion: 43 Resp: 1813
Ion Ratio Lower Upper
43 100
58 15.1 34.1 51.1#

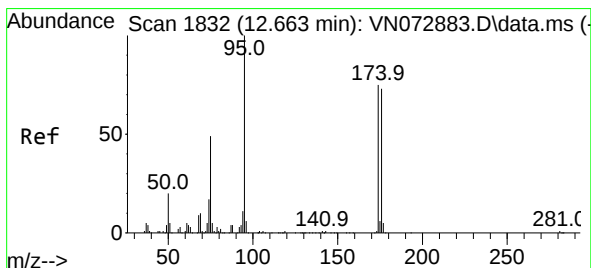
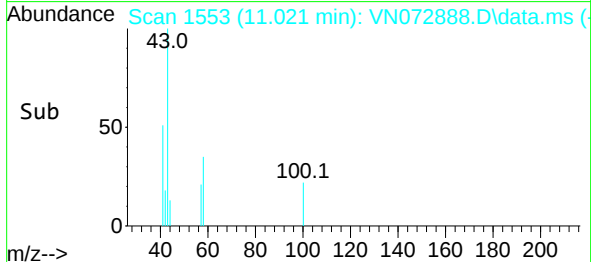
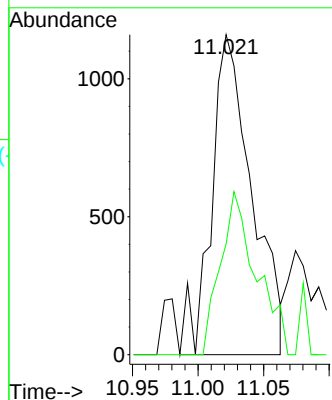
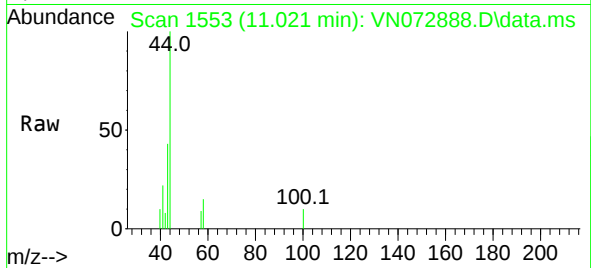




#59
2-Hexanone
Concen: 0.461 ug/l
RT: 11.021 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

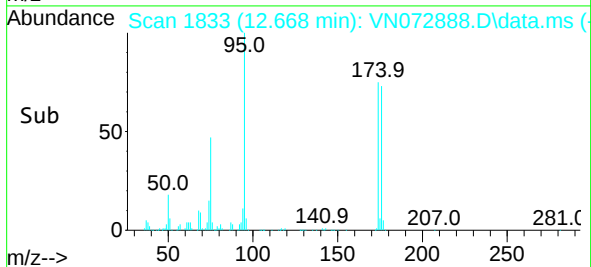
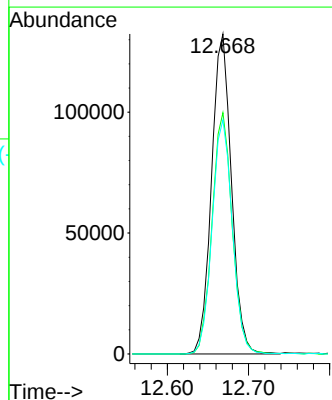
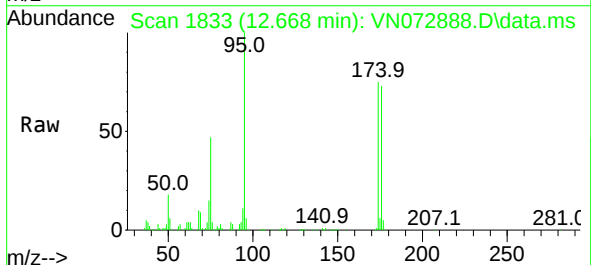
Instrument :
MSVOA_N
ClientSampleId :

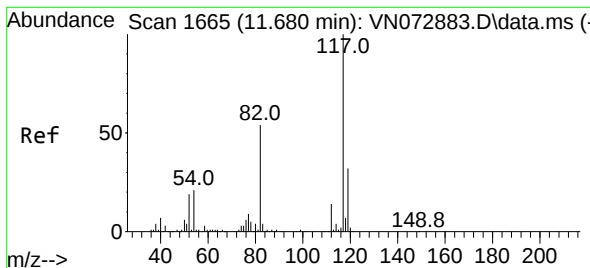
Tgt Ion: 43 Resp: 2496
Ion Ratio Lower Upper
43 100
58 45.3 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 45.179 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

Tgt Ion: 95 Resp: 224944
Ion Ratio Lower Upper
95 100
174 76.3 0.0 167.6
176 74.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. -0.000 min

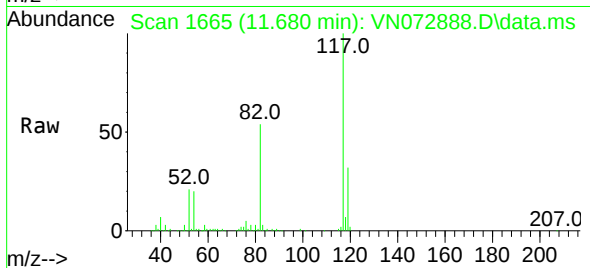
Lab File: VN072888.D

Acq: 16 Jun 2022 19:13

Instrument :

MSVOA_N

ClientSampleId :



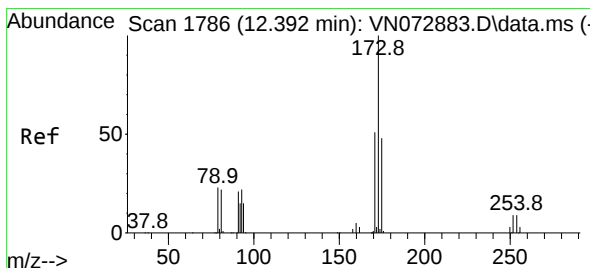
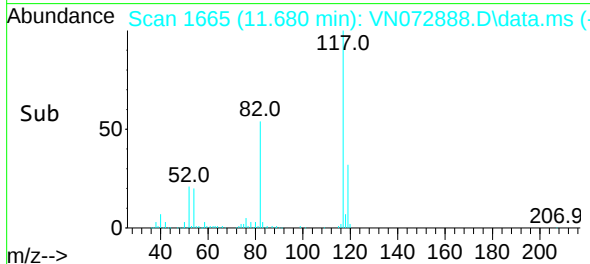
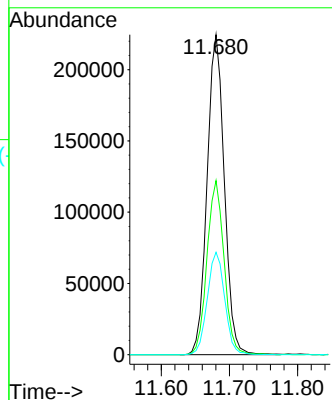
Tgt Ion:117 Resp: 395112

Ion Ratio Lower Upper

117 100

82 54.4 44.2 66.2

119 32.0 25.4 38.0



#71

Bromoform

Concen: 0.388 ug/l

RT: 12.662 min Scan# 1832

Delta R.T. 0.271 min

Lab File: VN072888.D

Acq: 16 Jun 2022 19:13

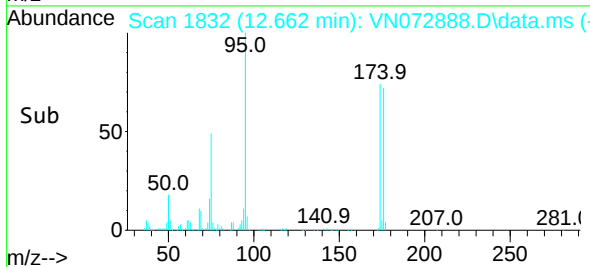
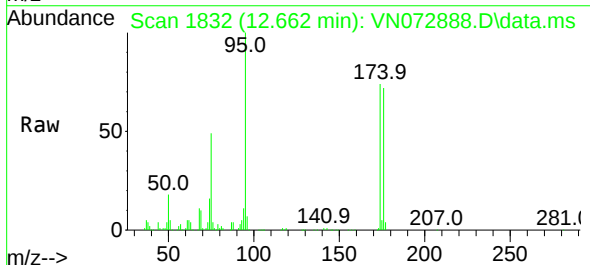
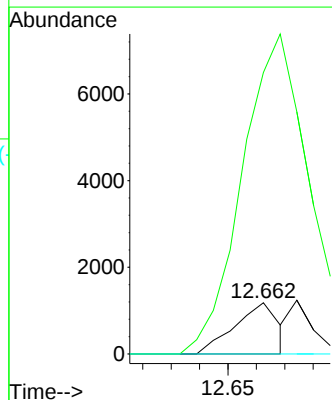
Tgt Ion:173 Resp: 1263

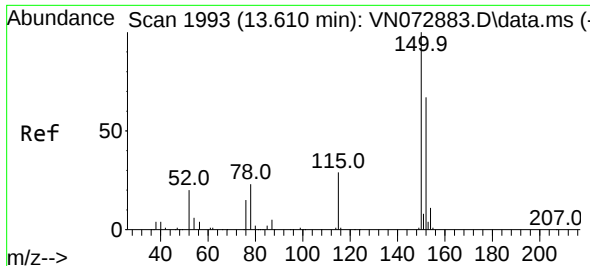
Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.6#

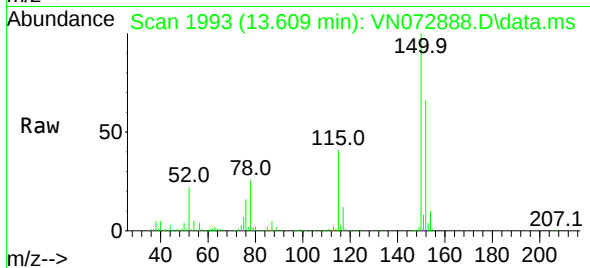
254 0.0 0.1 0.1#



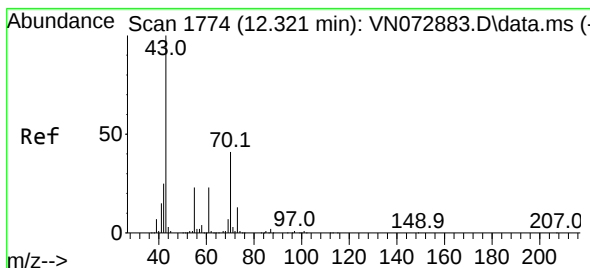
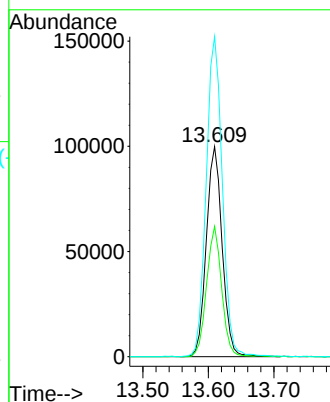
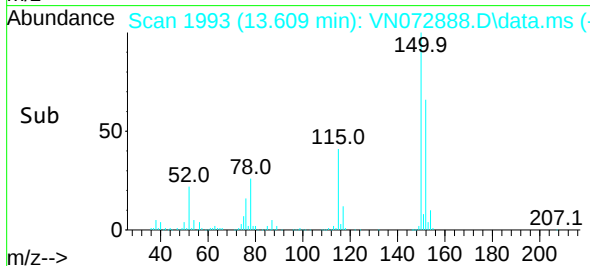


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

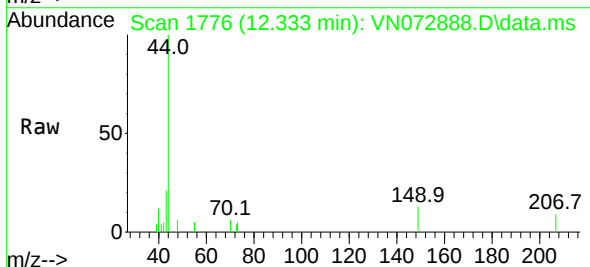
Instrument :
MSVOA_N
ClientSampleId :



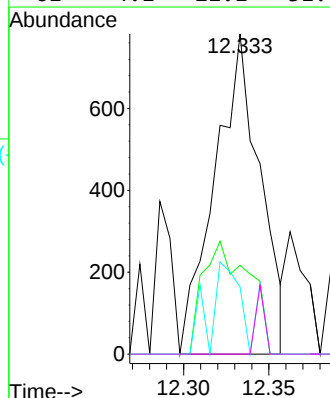
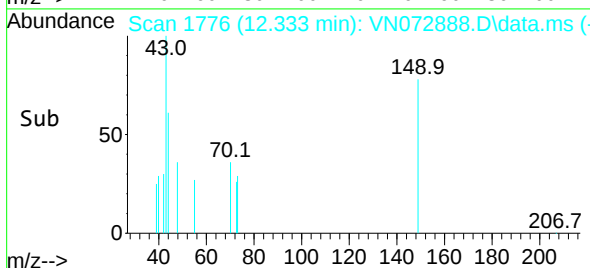
Tgt Ion:152 Resp: 168122
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.7
150 155.4 0.0 356.2

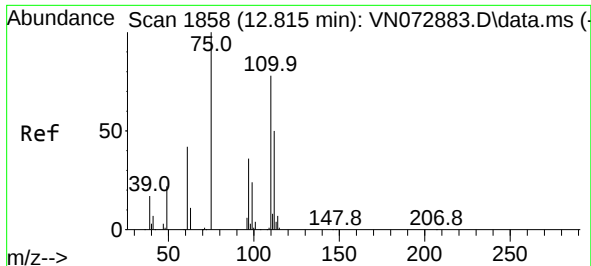


#74
N-ethyl acetate
Concen: 0.209 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.012 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13



Tgt Ion: 43 Resp: 1444
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 0.0 21.1 31.7#
61 4.1 21.1 31.7#

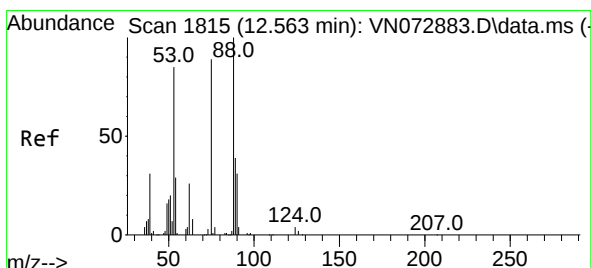
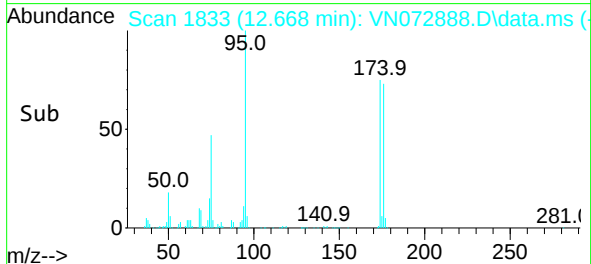
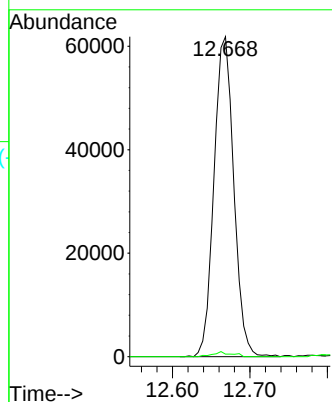
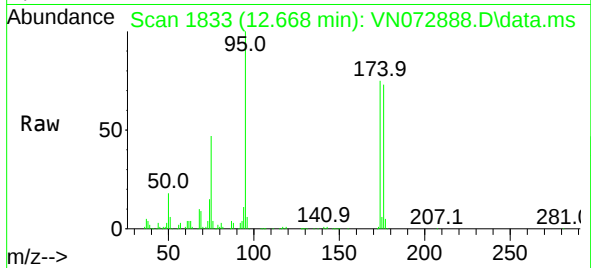




#76
1,2,3-Trichloropropane
Concen: 21.975 ug/l
RT: 12.668 min Scan# 1858
Delta R.T. -0.147 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

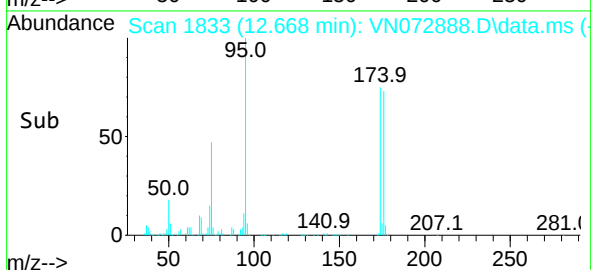
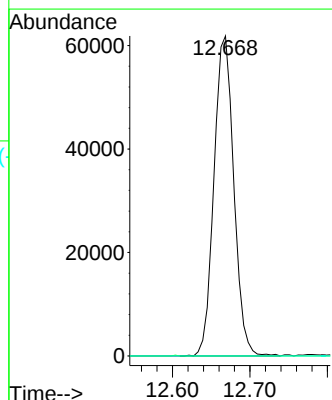
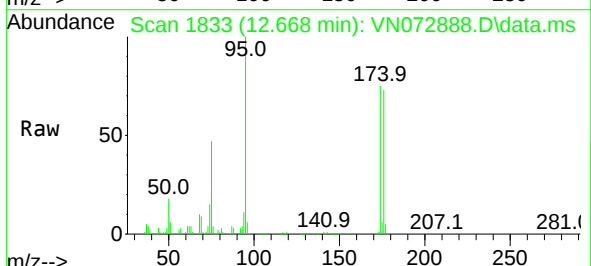
Instrument :
MSVOA_N
ClientSampleId :

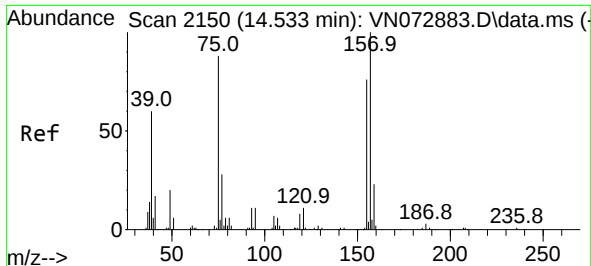
Tgt Ion: 75 Resp: 109814
Ion Ratio Lower Upper
75 100
77 1.5 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.589 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

Tgt Ion: 75 Resp: 109814
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.527 min Scan# 2150

Delta R.T. -0.006 min

Lab File: VN072888.D

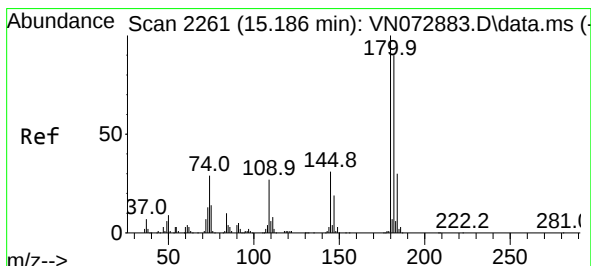
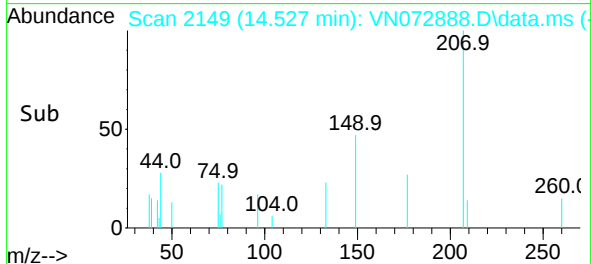
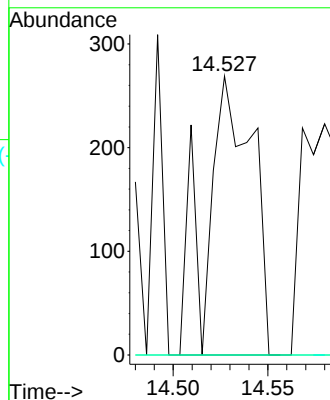
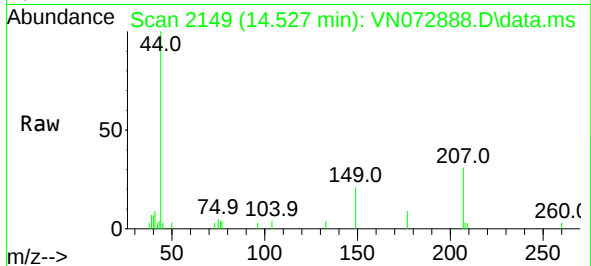
Acq: 16 Jun 2022 19:13

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	457
Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.9	134.5#
157	0.0	59.0	176.8#



#93

1,2,4-Trichlorobenzene

Concen: 0.410 ug/l

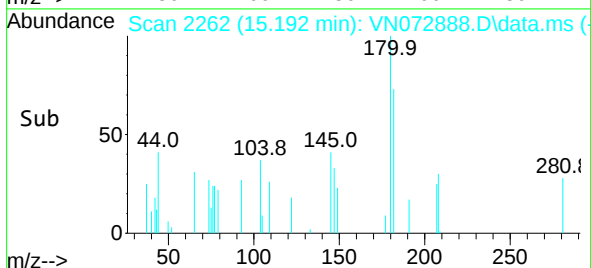
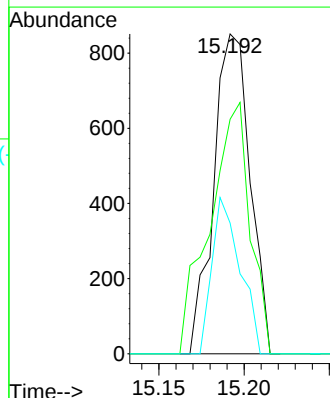
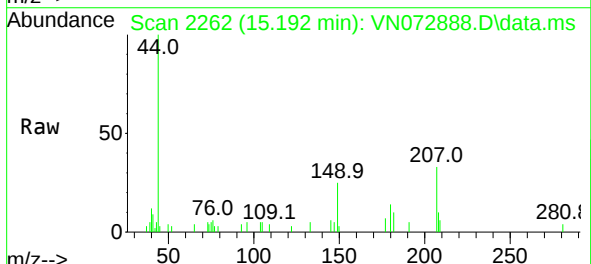
RT: 15.192 min Scan# 2262

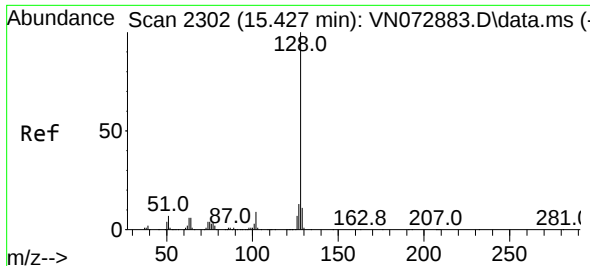
Delta R.T. 0.006 min

Lab File: VN072888.D

Acq: 16 Jun 2022 19:13

Tgt Ion:	180	Resp:	1266
Ion	Ratio	Lower	Upper
180	100		
182	86.8	47.5	142.5
145	37.5	14.5	43.5

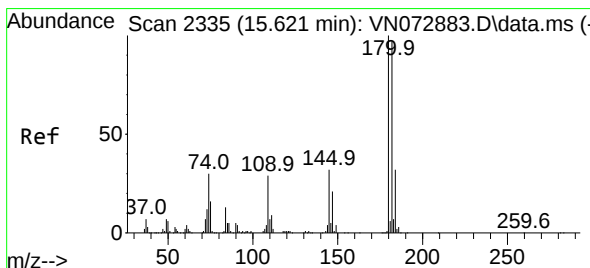
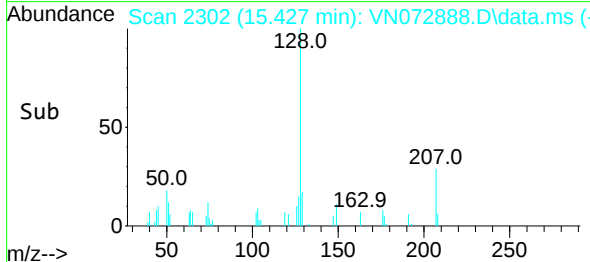
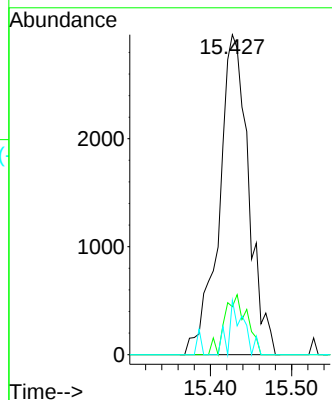
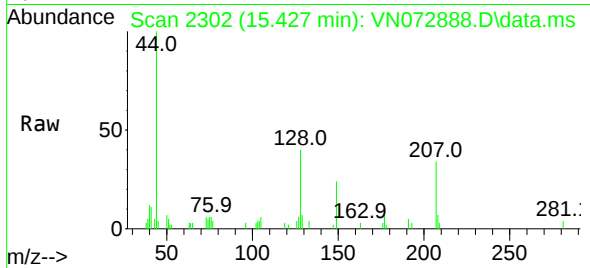




#95
Naphthalene
Concen: 0.701 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 7472
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 8.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.456 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VN072888.D
Acq: 16 Jun 2022 19:13

Tgt Ion:180 Resp: 1397
Ion Ratio Lower Upper
180 100
182 100.4 47.8 143.3
145 33.9 15.5 46.5

