

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085253.D
 Acq On : 18 Dec 2024 16:01
 Operator : JC\MD
 Sample : VN1218MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 06:45:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

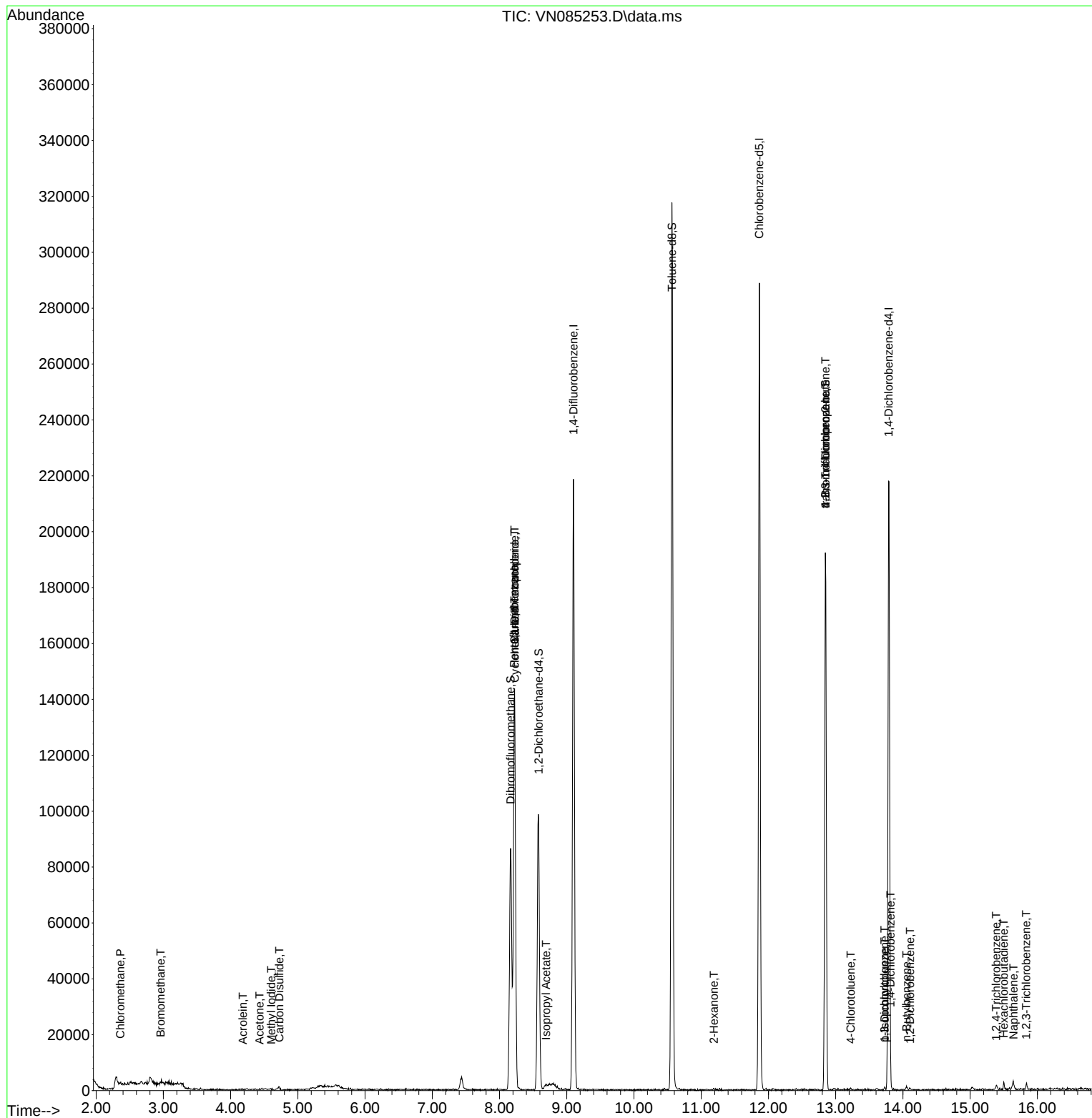
Internal Standards						
1) Pentafluorobenzene	8.218	168	94654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	171531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	150254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	56615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	84346	50.983	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.960%	
35) Dibromofluoromethane	8.165	113	61907	51.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.660%	
50) Toluene-d8	10.565	98	210631	47.787	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.580%	
62) 4-Bromofluorobenzene	12.847	95	62120	39.458	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 78.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	397	0.276	ug/l #	42
5) Bromomethane	2.959	94	224	0.254	ug/l	99
6) Chloroethane	3.118	64	484	Below Cal	#	42
10) Methyl Iodide	4.606	142	597	0.449	ug/l #	33
13) Acrolein	4.183	56	56	0.212	ug/l #	13
16) Acetone	4.430	43	118	0.207	ug/l #	49
17) Carbon Disulfide	4.724	76	1908	0.518	ug/l #	76
31) Cyclohexane	8.230	56	2977	1.391	ug/l #	36
36) 1,1-Dichloropropene	8.224	75	9461	5.634	ug/l #	52
38) Carbon Tetrachloride	8.224	117	11361	5.596	ug/l #	16
43) Isopropyl Acetate	8.694	43	1692	0.478	ug/l #	58
59) 2-Hexanone	11.188	43	470	0.354	ug/l #	55
76) 1,2,3-Trichloropropane	12.847	75	37102	27.493	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	37102	73.002	ug/l #	7
82) 4-Chlorotoluene	13.223	91	694	0.216	ug/l #	59
86) p-Isopropyltoluene	13.729	119	432	2.053	ug/l #	50
87) 1,3-Dichlorobenzene	13.729	146	552	0.280	ug/l #	53
88) 1,4-Dichlorobenzene	13.818	146	805	0.394	ug/l #	74
89) n-Butylbenzene	14.053	91	1043	0.352	ug/l #	86
91) 1,2-Dichlorobenzene	14.106	146	532	0.290	ug/l #	40
93) 1,2,4-Trichlorobenzene	15.388	180	834	0.887	ug/l #	78
94) Hexachlorobutadiene	15.500	225	680	1.392	ug/l	67
95) Naphthalene	15.647	128	3633	1.167	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.835	180	990	1.054	ug/l #	77

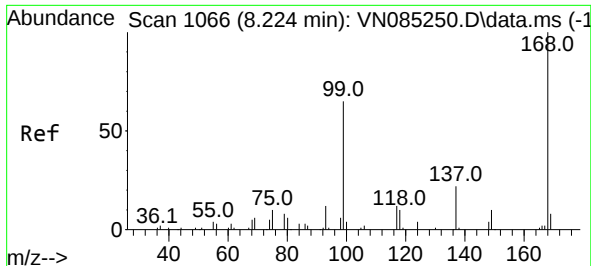
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085253.D
Acq On : 18 Dec 2024 16:01
Operator : JC\MD
Sample : VN1218MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

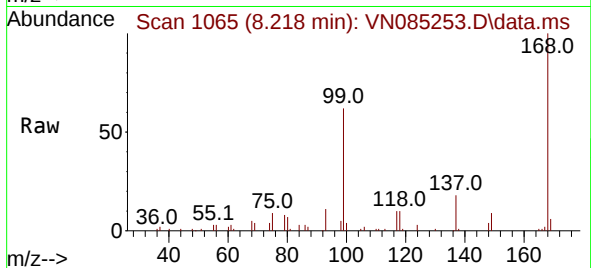
Quant Time: Dec 19 06:45:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



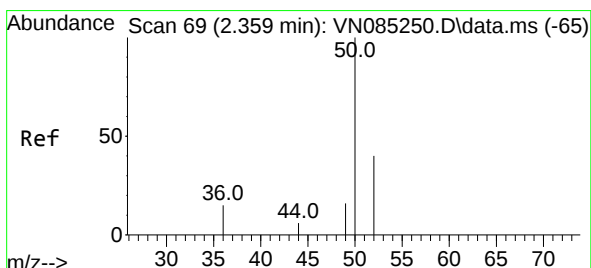
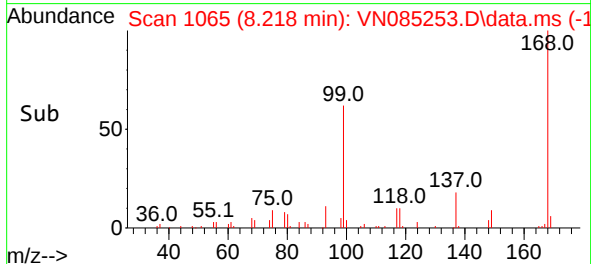
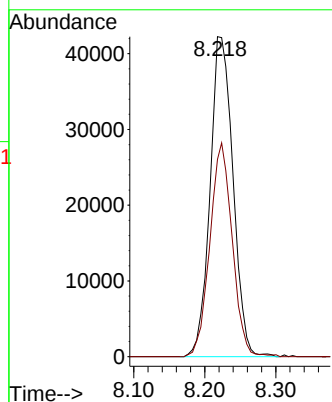


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

Instrument :
MSVOA_N
ClientSampleId :

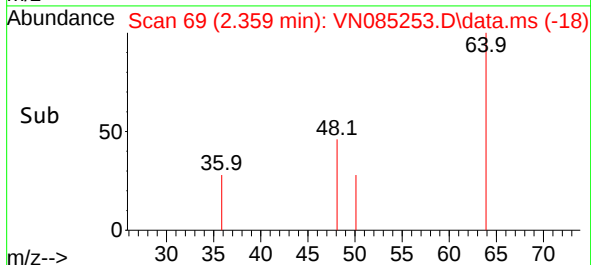
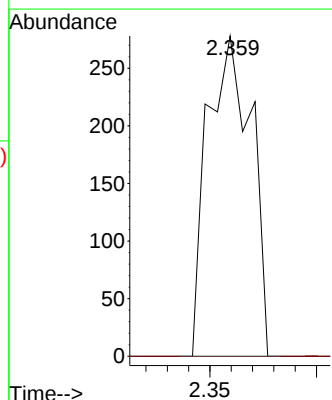
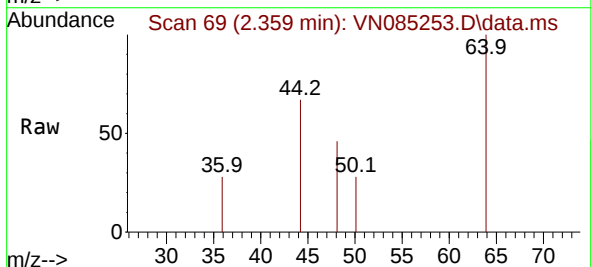


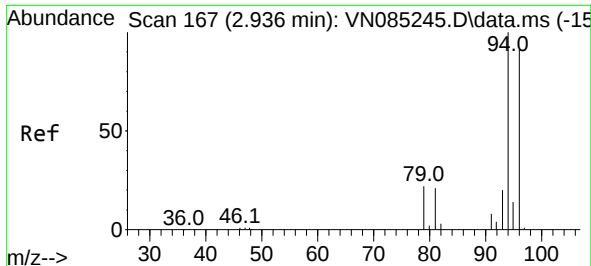
Tgt Ion:168 Resp: 94654
Ion Ratio Lower Upper
168 100
99 61.6 50.7 76.1



#3
Chloromethane
Concen: 0.276 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

Tgt Ion: 50 Resp: 397
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#

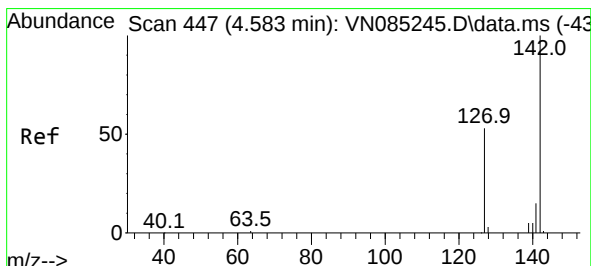
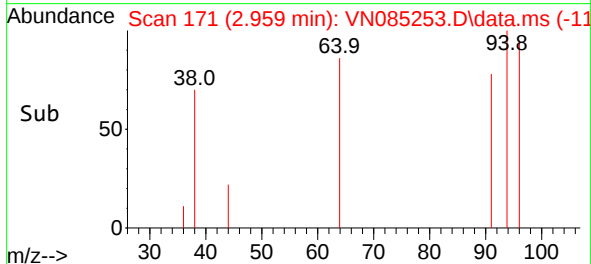
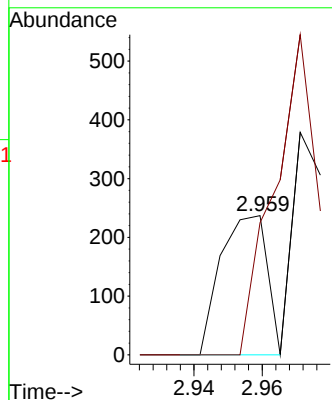
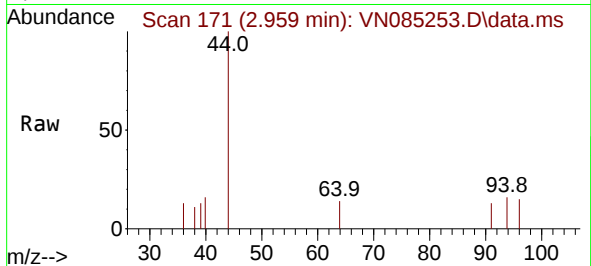




#5
Bromomethane
Concen: 0.254 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

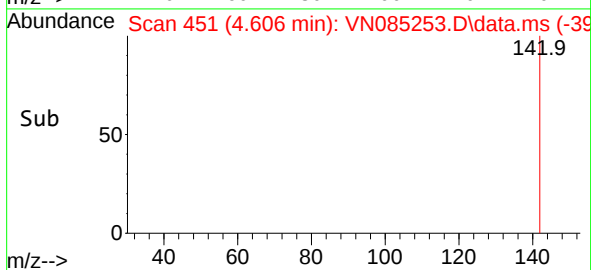
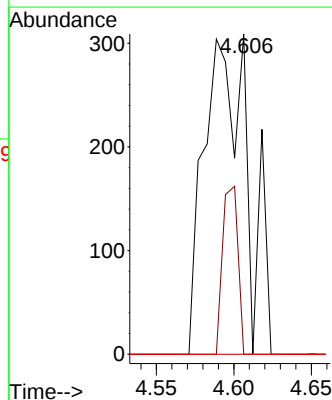
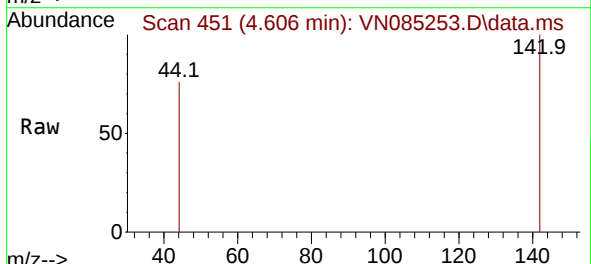
Instrument :
MSVOA_N
ClientSampleId :

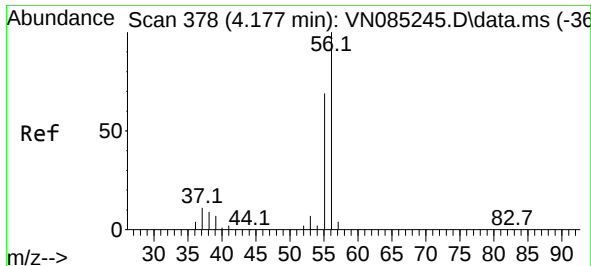
Tgt Ion: 94 Resp: 224
Ion Ratio Lower Upper
94 100
96 94.9 76.8 115.2



#10
Methyl Iodide
Concen: 0.449 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.017 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

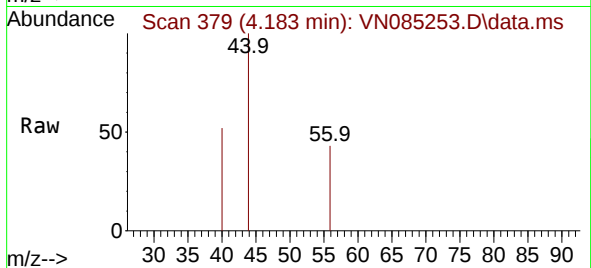
Tgt Ion: 142 Resp: 597
Ion Ratio Lower Upper
142 100
127 0.0 42.5 63.7#
141 0.0 10.2 15.4#



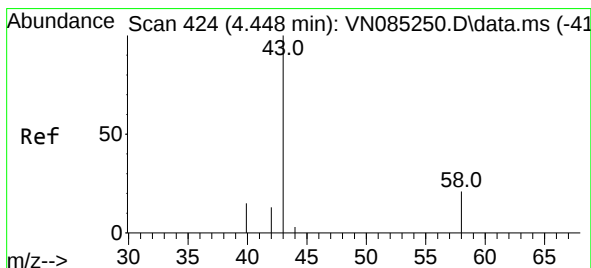
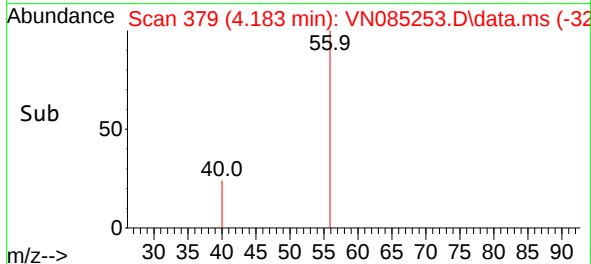
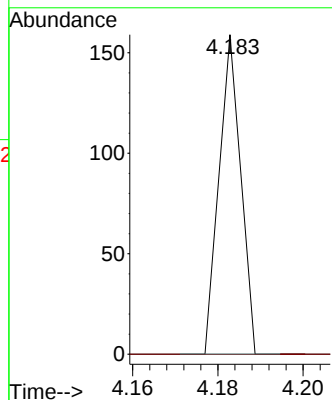


#13
Acrolein
Concen: 0.212 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

Instrument :
MSVOA_N
ClientSampleId :

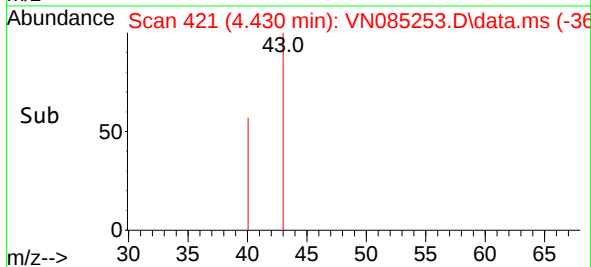
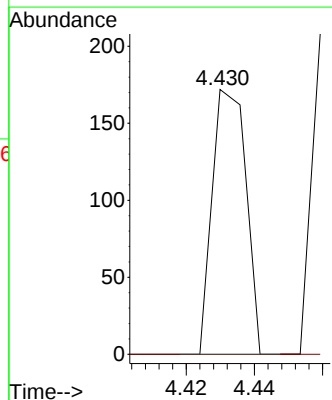
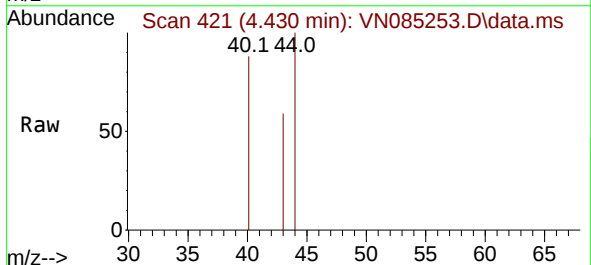


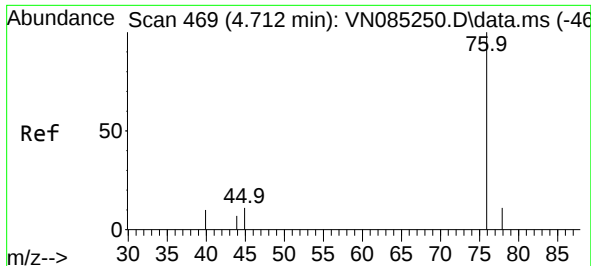
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 0.0 59.0 88.6#



#16
Acetone
Concen: 0.207 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

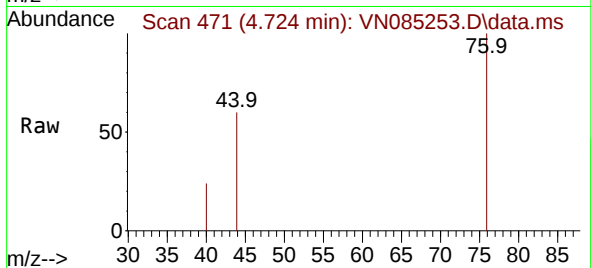
Tgt Ion: 43 Resp: 118
Ion Ratio Lower Upper
43 100
58 0.0 20.8 31.2#



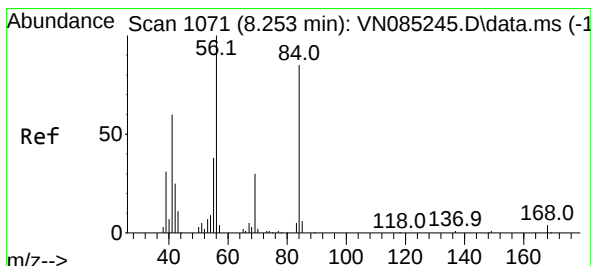
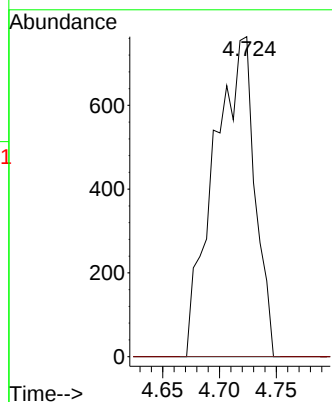
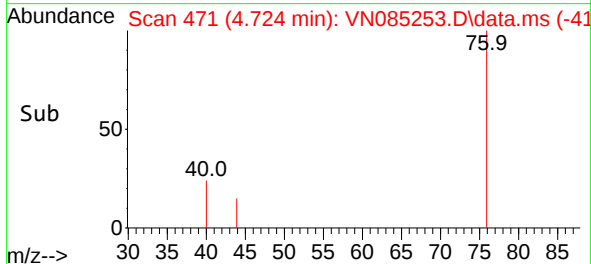


#17
Carbon Disulfide
Concen: 0.518 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

Instrument :
MSVOA_N
ClientSampleId :

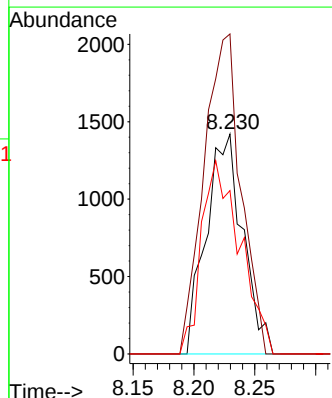
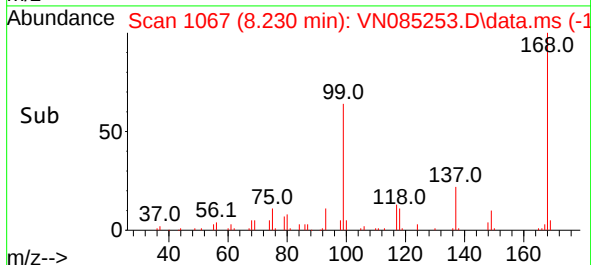
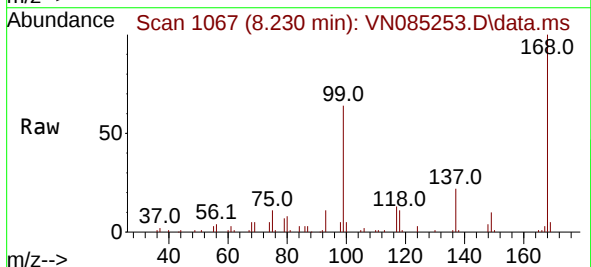


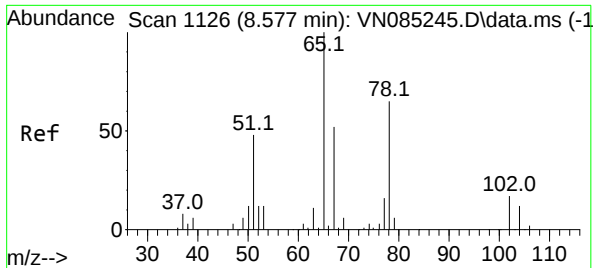
Tgt Ion: 76 Resp: 1908
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#31
Cyclohexane
Concen: 1.391 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

Tgt Ion: 56 Resp: 2977
Ion Ratio Lower Upper
56 100
69 145.6 23.6 35.4#
84 74.3 66.6 99.8





#33

1,2-Dichloroethane-d4

Concen: 50.983 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN085253.D

Acq: 18 Dec 2024 16:01

Instrument :

MSVOA_N

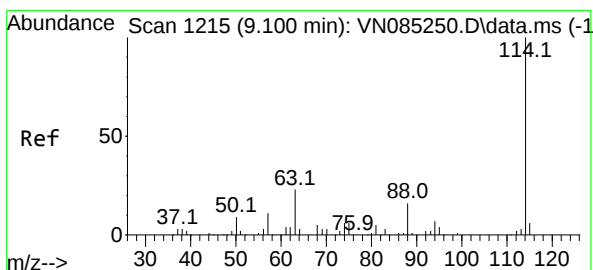
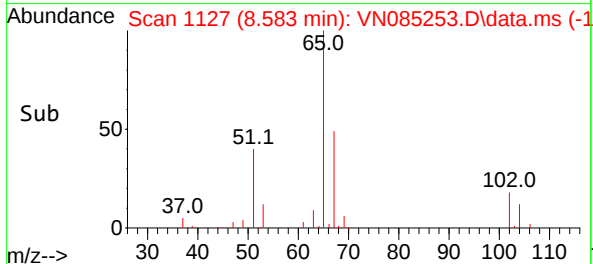
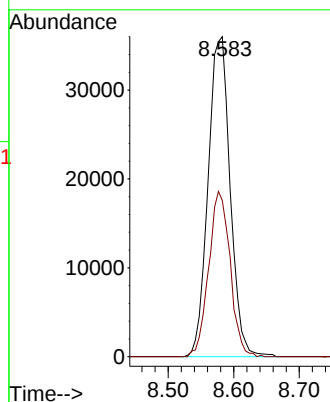
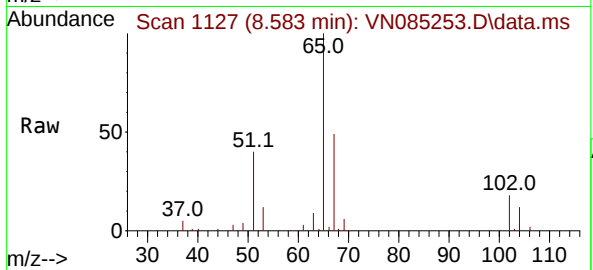
ClientSampleId :

Tgt Ion: 65 Resp: 84346

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN085253.D

Acq: 18 Dec 2024 16:01

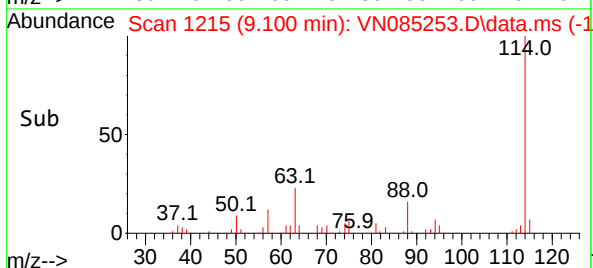
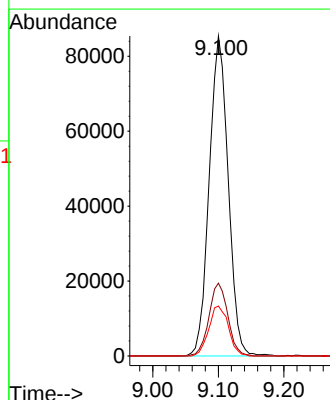
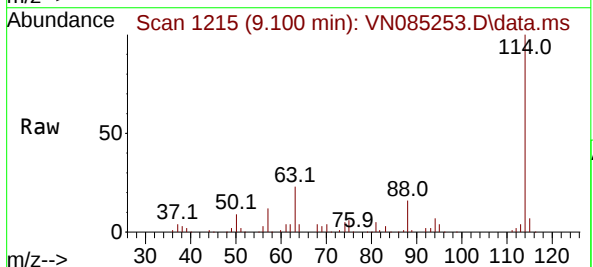
Tgt Ion: 114 Resp: 171531

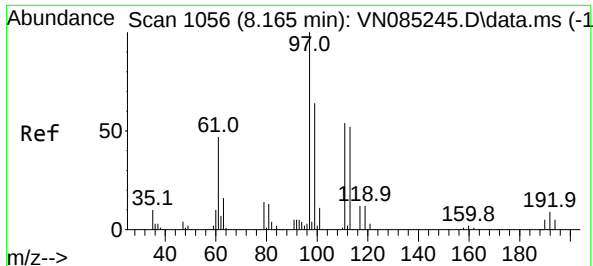
Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.2

88 15.6 0.0 32.6

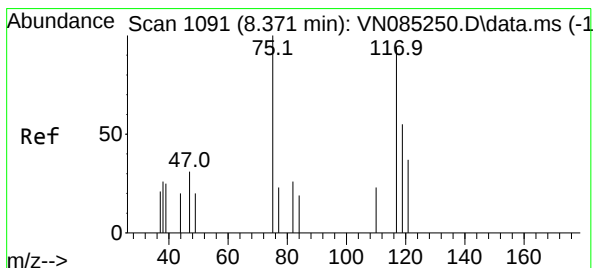
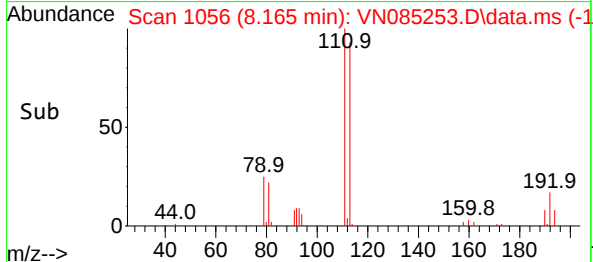
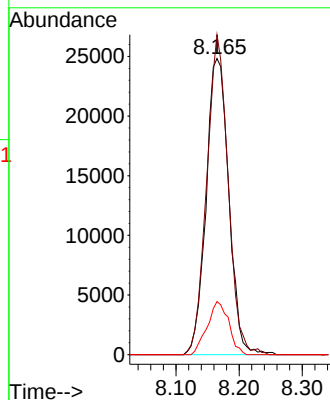
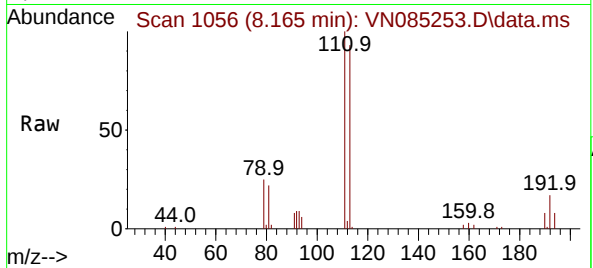




#35
Dibromofluoromethane
Concen: 51.335 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

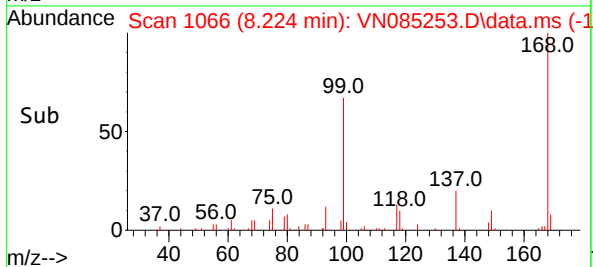
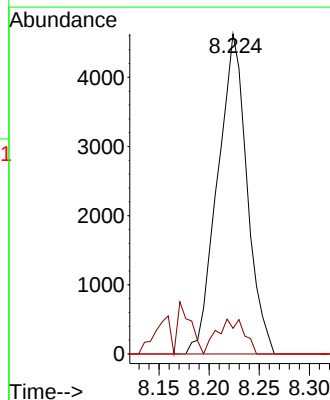
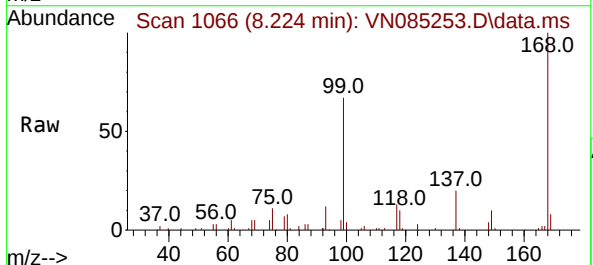
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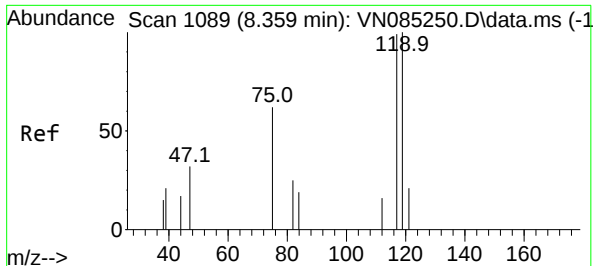
Tgt Ion:113 Resp: 61907
Ion Ratio Lower Upper
113 100
111 102.1 82.1 123.1
192 17.0 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.634 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

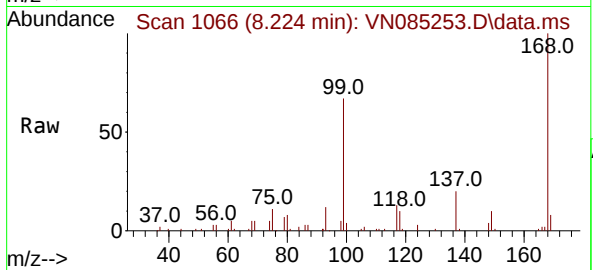
Tgt Ion: 75 Resp: 9461
Ion Ratio Lower Upper
75 100
110 10.0 16.0 48.0#
77 0.0 24.6 36.8#



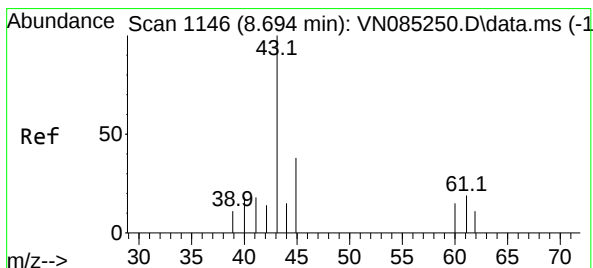
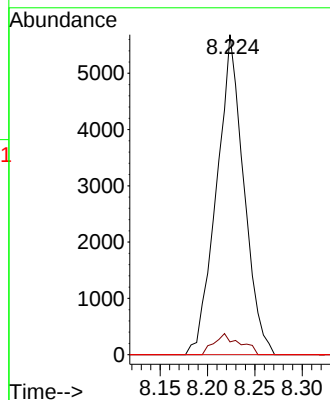
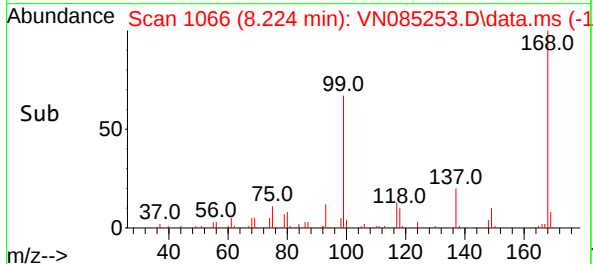


#38
Carbon Tetrachloride
Concen: 5.596 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

Instrument :
MSVOA_N
ClientSampleId :

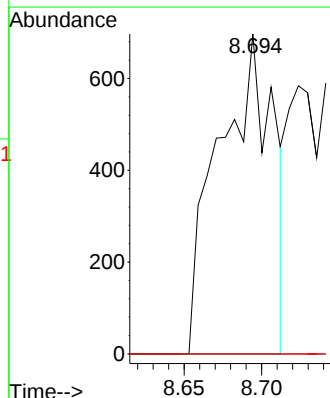
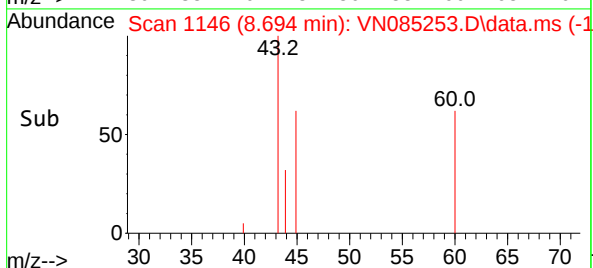
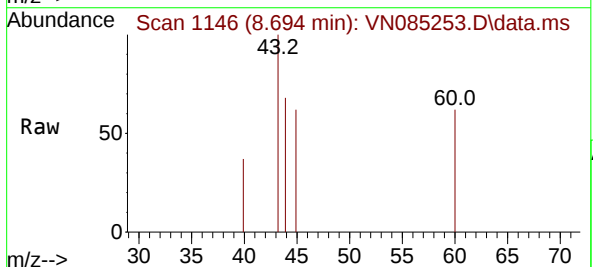


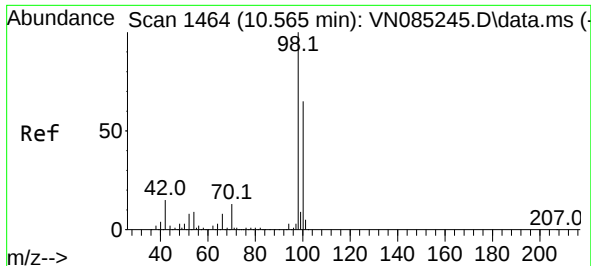
Tgt Ion:117 Resp: 11361
Ion Ratio Lower Upper
117 100
119 4.0 74.8 112.2#
121 0.0 24.2 36.4#



#43
Isopropyl Acetate
Concen: 0.478 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

Tgt Ion: 43 Resp: 1692
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.3 13.9#

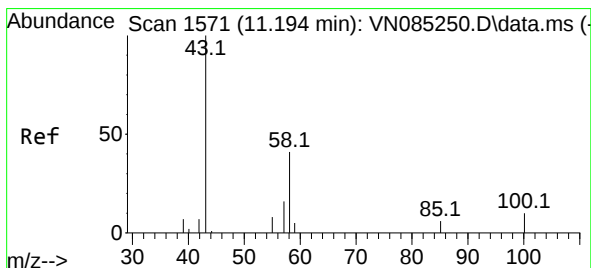
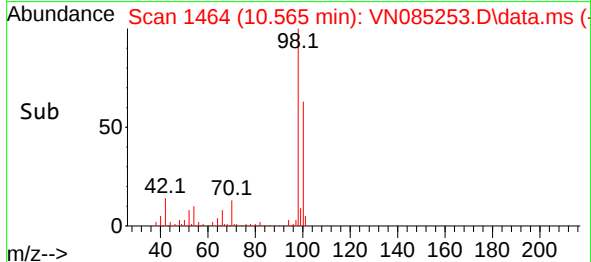
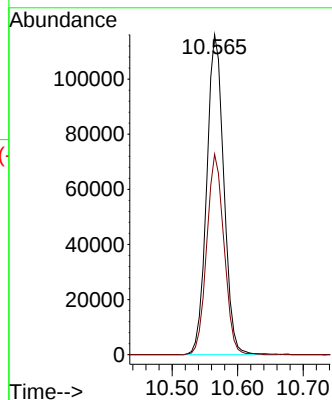
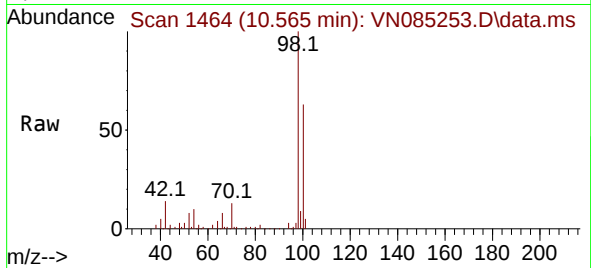




#50
Toluene-d8
Concen: 47.787 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

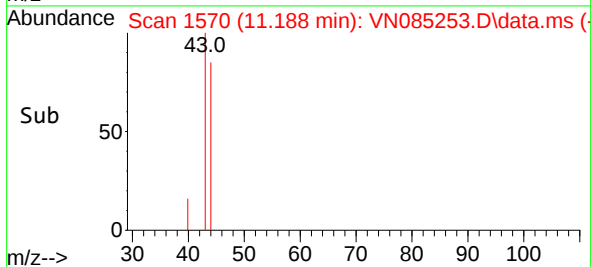
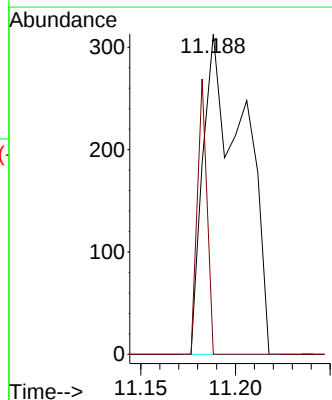
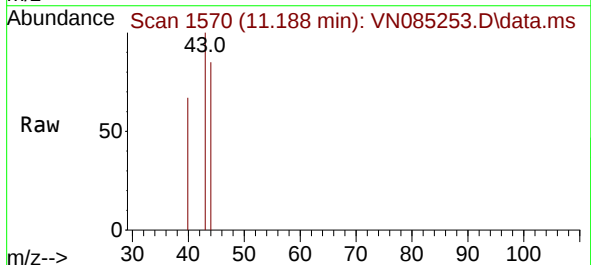
Instrument :
MSVOA_N
ClientSampleId :

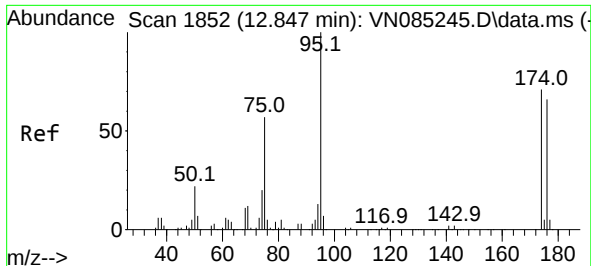
Tgt Ion: 98 Resp: 210631
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4



#59
2-Hexanone
Concen: 0.354 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

Tgt Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
58 20.2 25.8 77.4#

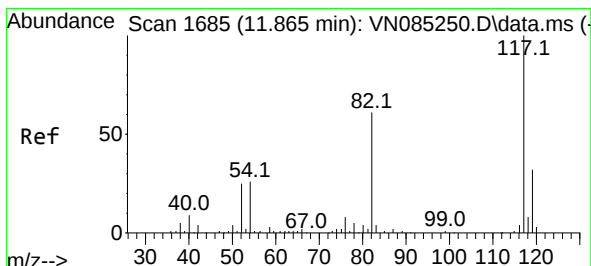
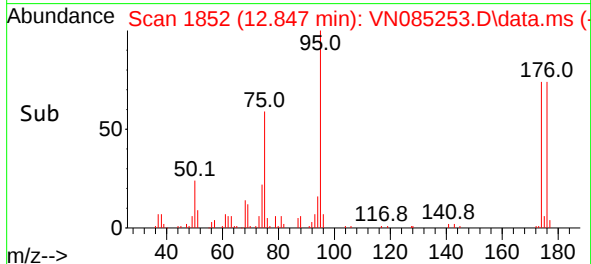
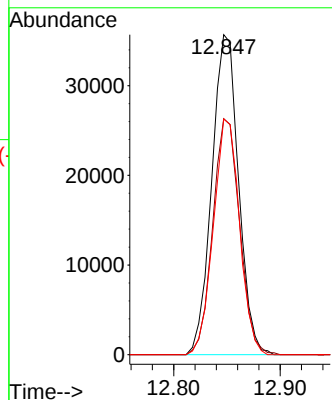
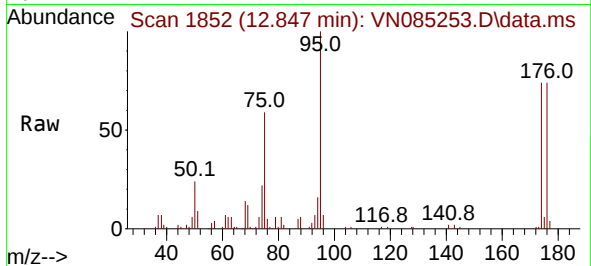




#62
4-Bromofluorobenzene
Concen: 39.458 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

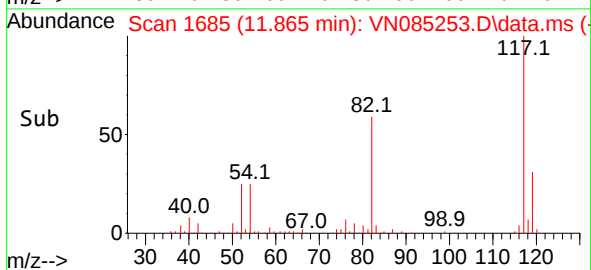
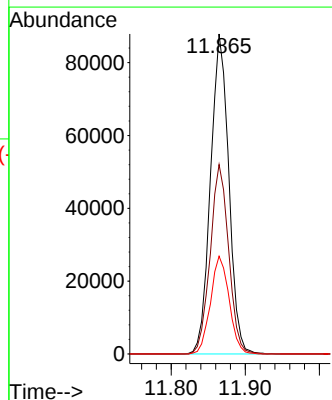
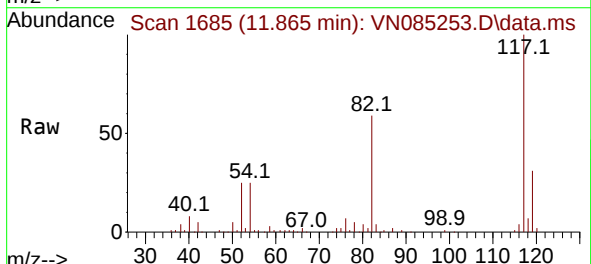
Instrument :
MSVOA_N
ClientSampleId :

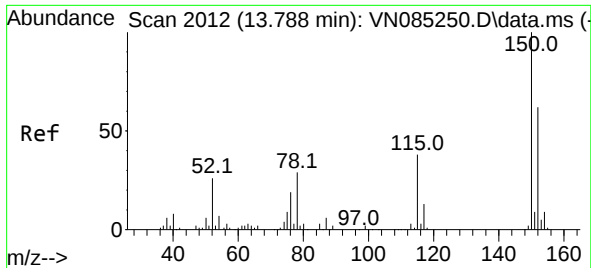
Tgt Ion: 95 Resp: 62120
Ion Ratio Lower Upper
95 100
174 74.1 0.0 144.4
176 72.0 0.0 136.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

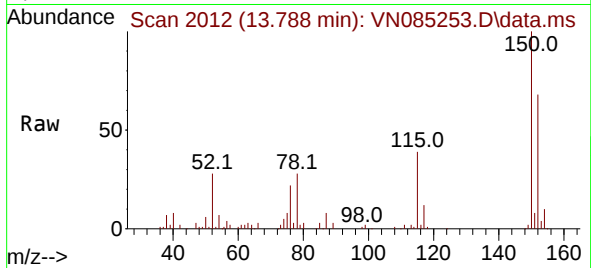
Tgt Ion: 117 Resp: 150254
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 30.6 25.6 38.4



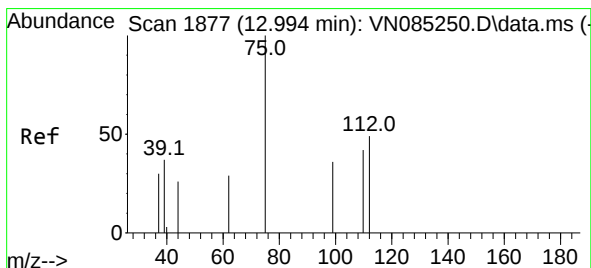
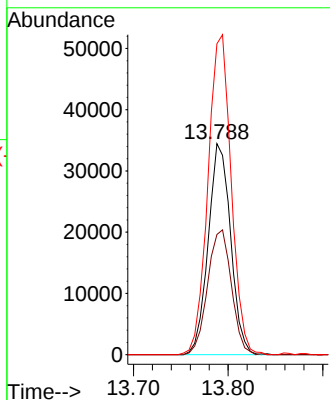
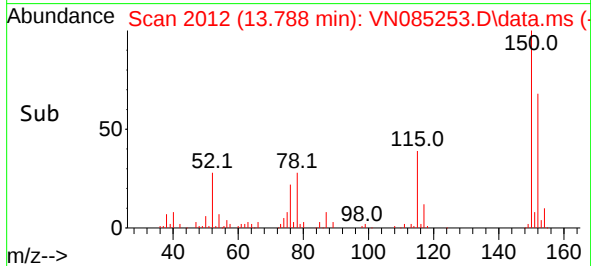


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

Instrument :
MSVOA_N
ClientSampleId :

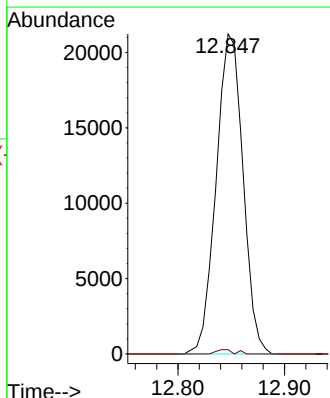
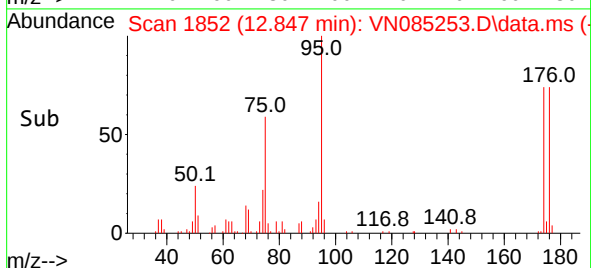
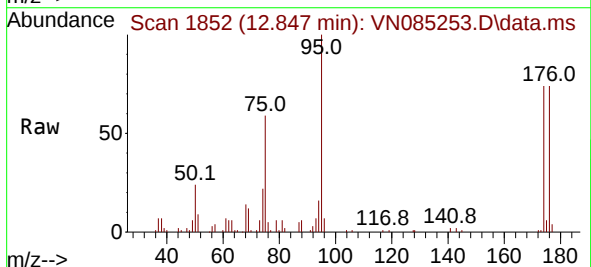


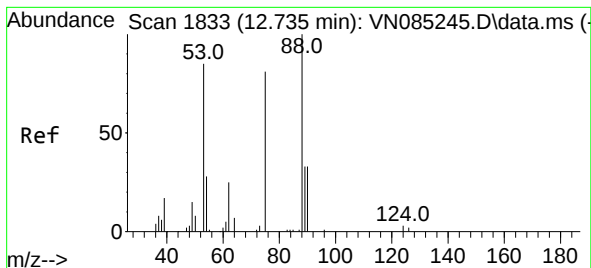
Tgt Ion:152 Resp: 56615
Ion Ratio Lower Upper
152 100
115 62.8 32.1 96.3
150 157.0 0.0 354.6



#76
1,2,3-Trichloropropane
Concen: 27.493 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

Tgt Ion: 75 Resp: 37102
Ion Ratio Lower Upper
75 100
77 0.9 102.6 307.7#

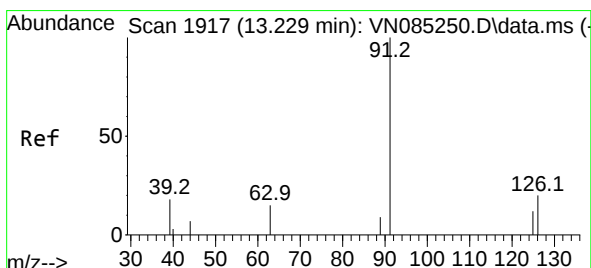
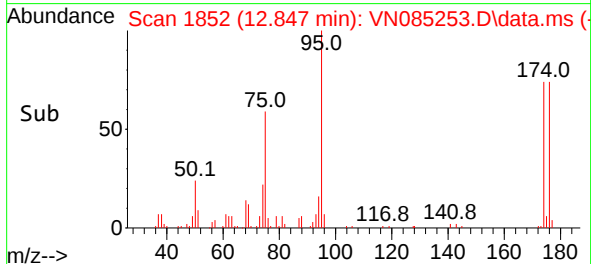
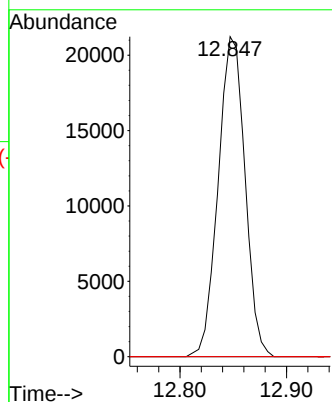
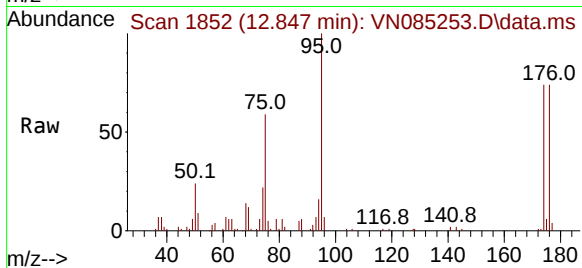




#81
trans-1,4-Dichloro-2-butene
Concen: 73.002 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

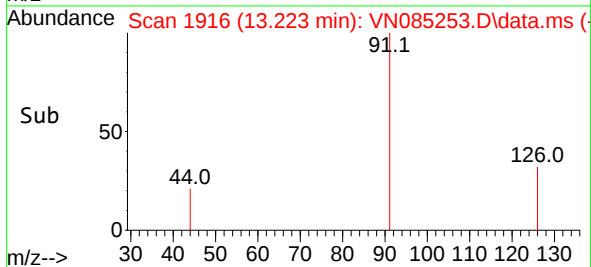
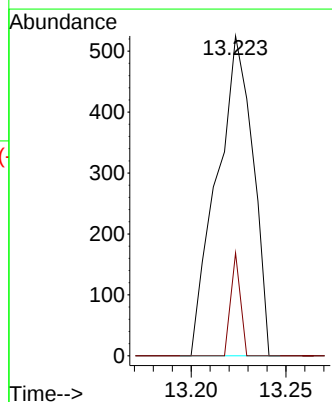
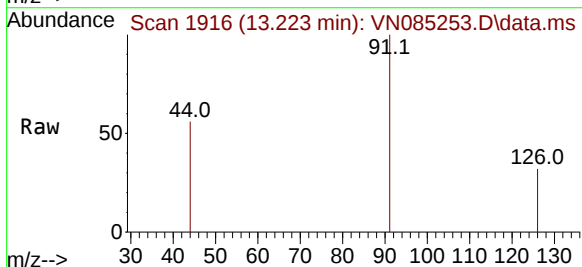
Instrument :
MSVOA_N
ClientSampleId :

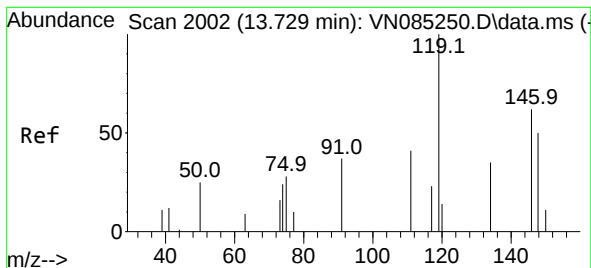
Tgt Ion: 75 Resp: 37102
Ion Ratio Lower Upper
75 100
53 0.0 84.9 127.3#
89 0.0 37.9 56.9#



#82
4-Chlorotoluene
Concen: 0.216 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

Tgt Ion: 91 Resp: 694
Ion Ratio Lower Upper
91 100
126 8.6 15.6 46.8#





#86

p-Isopropyltoluene

Concen: 2.053 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085253.D

Acq: 18 Dec 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :

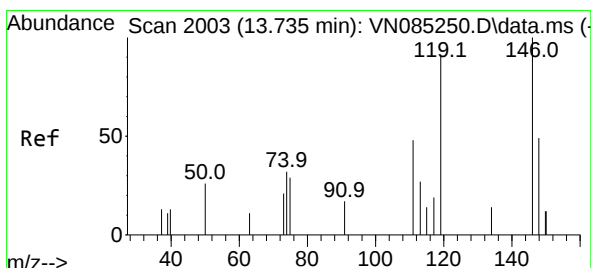
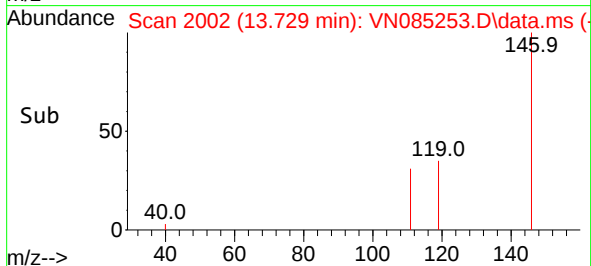
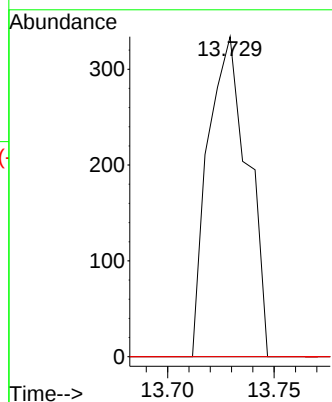
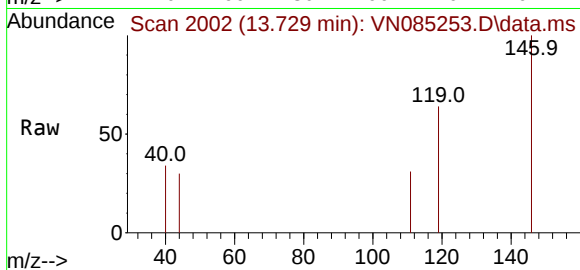
Tgt Ion:119 Resp: 432

Ion Ratio Lower Upper

119 100

134 0.0 12.5 37.5#

91 0.0 13.0 38.9#



#87

1,3-Dichlorobenzene

Concen: 0.280 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085253.D

Acq: 18 Dec 2024 16:01

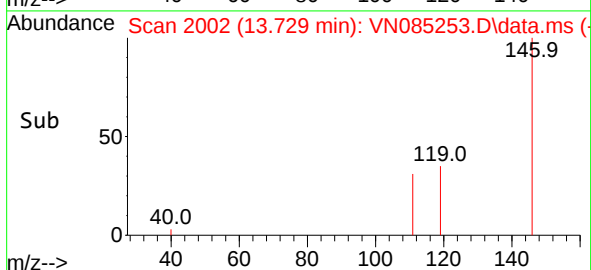
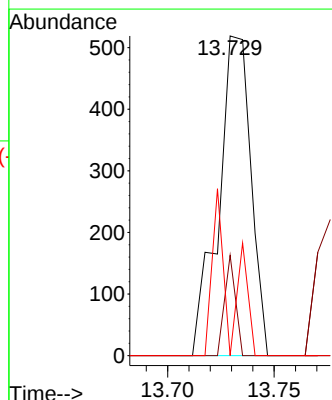
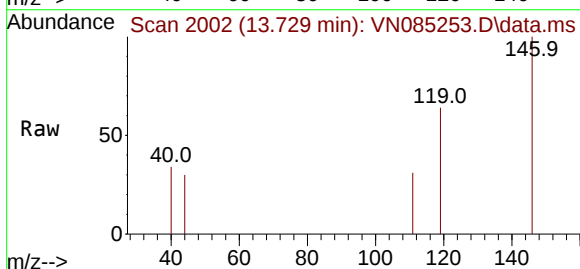
Tgt Ion:146 Resp: 552

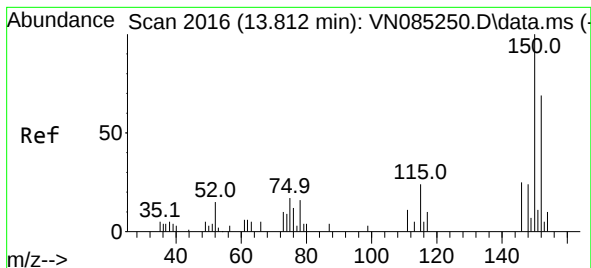
Ion Ratio Lower Upper

146 100

111 10.5 21.5 64.5#

148 29.0 31.4 94.0#





#88

1,4-Dichlorobenzene

Concen: 0.394 ug/l

RT: 13.818 min Scan# 2016

Delta R.T. 0.006 min

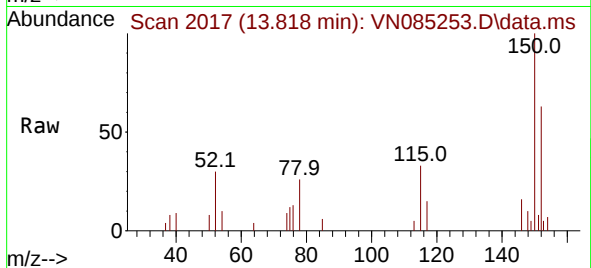
Lab File: VN085253.D

Acq: 18 Dec 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :



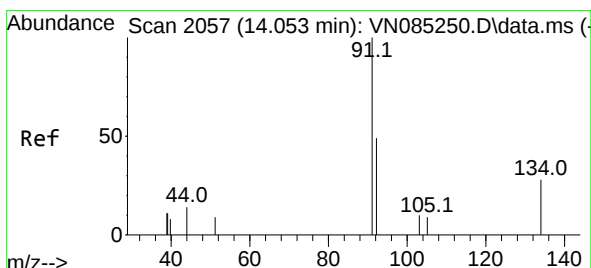
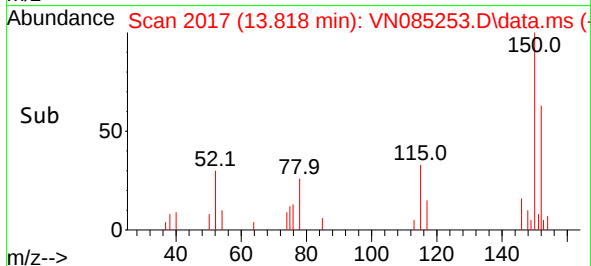
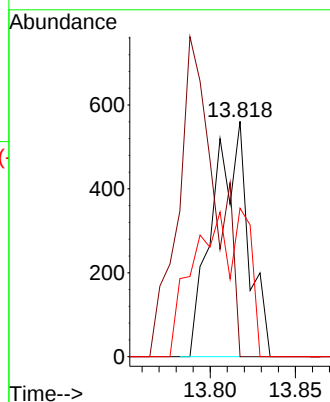
Tgt Ion:146 Resp: 805

Ion Ratio Lower Upper

146 100

111 0.0 20.8 62.5#

148 64.0 31.9 95.9



#89

n-Butylbenzene

Concen: 0.352 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085253.D

Acq: 18 Dec 2024 16:01

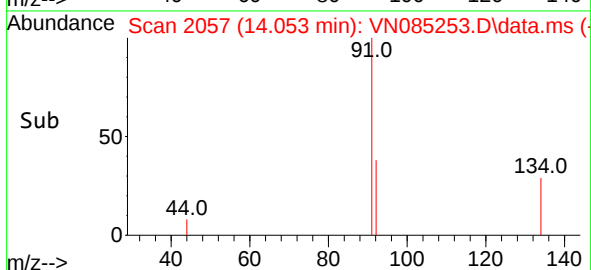
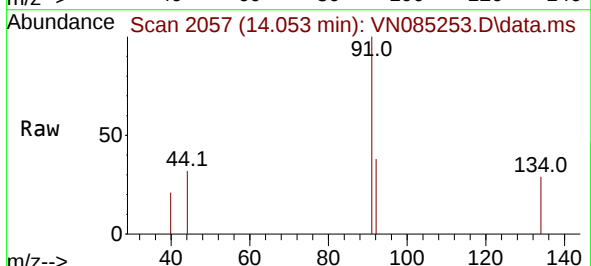
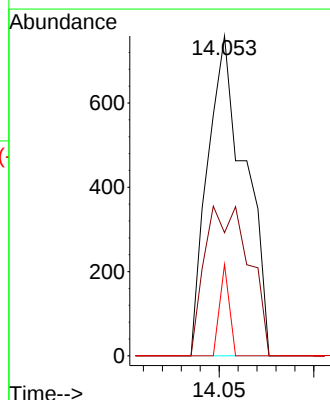
Tgt Ion: 91 Resp: 1043

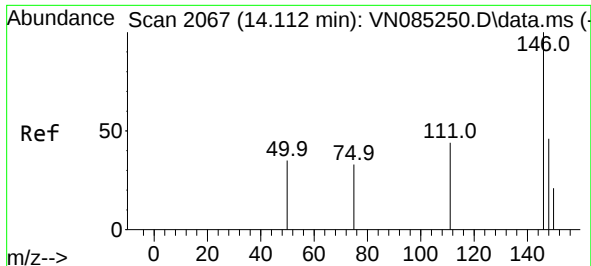
Ion Ratio Lower Upper

91 100

92 55.2 25.8 77.3

134 7.4 12.0 36.0#





#91

1,2-Dichlorobenzene

Concen: 0.290 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

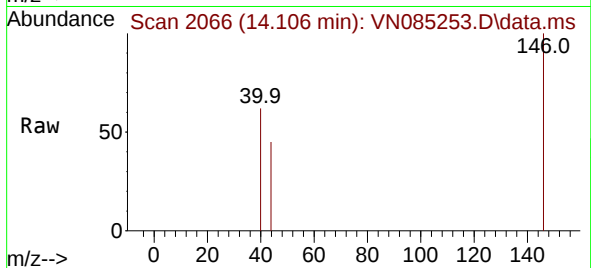
Lab File: VN085253.D

Acq: 18 Dec 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :



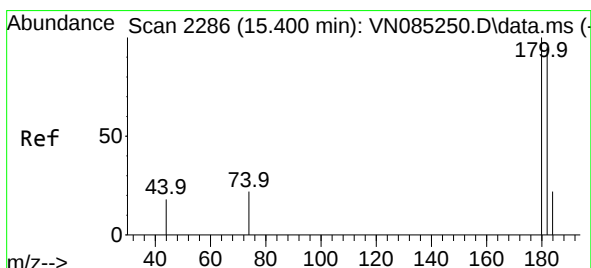
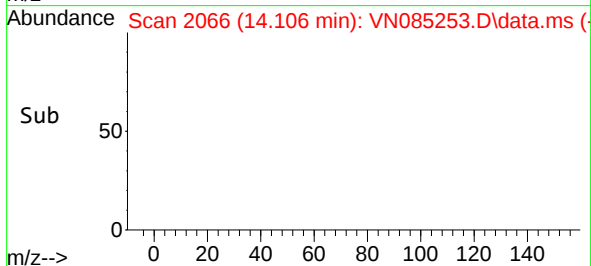
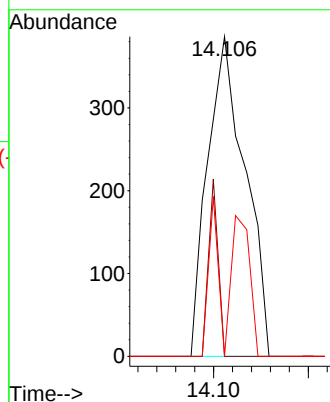
Tgt Ion:146 Resp: 532

Ion Ratio Lower Upper

146 100

111 0.0 22.1 66.1#

148 21.4 31.9 95.9#



#93

1,2,4-Trichlorobenzene

Concen: 0.887 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085253.D

Acq: 18 Dec 2024 16:01

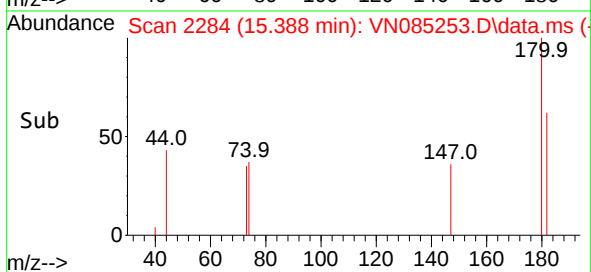
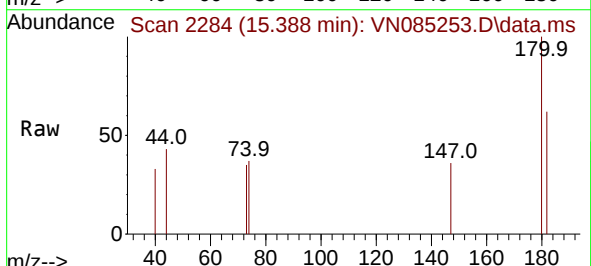
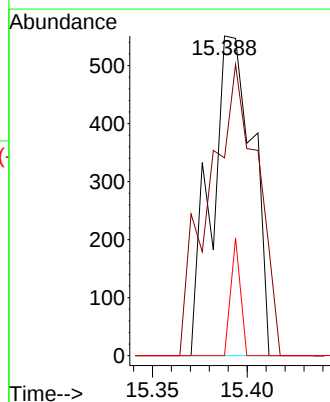
Tgt Ion:180 Resp: 834

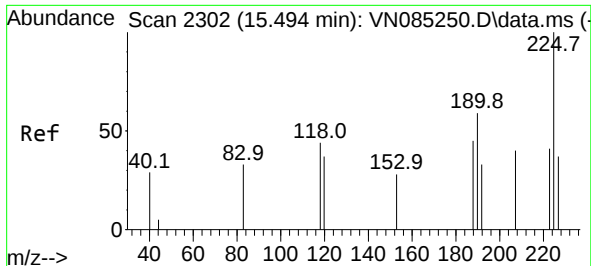
Ion Ratio Lower Upper

180 100

182 106.5 46.3 138.8

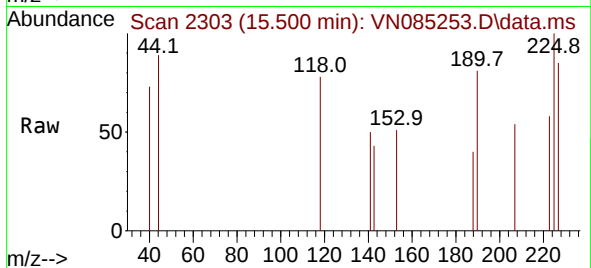
145 8.6 16.6 49.7#



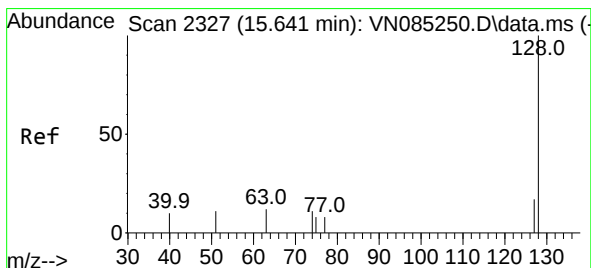
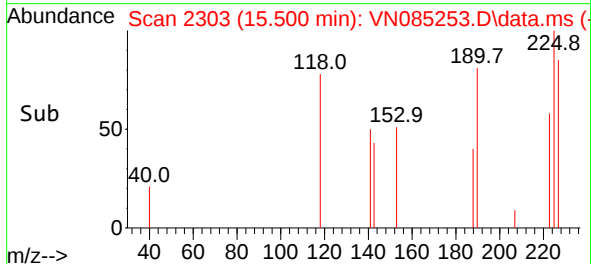
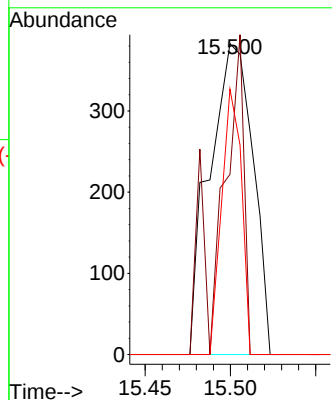


#94
Hexachlorobutadiene
Concen: 1.392 ug/l
RT: 15.500 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

Instrument :
MSVOA_N
ClientSampleId :

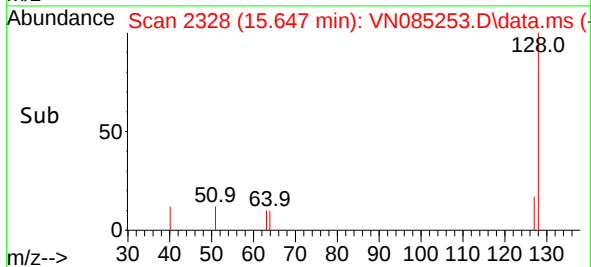
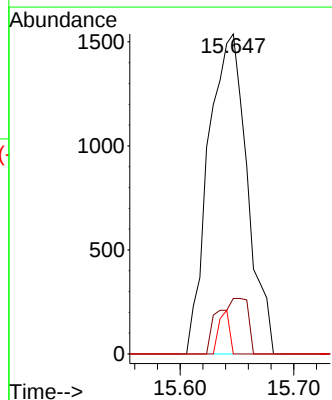
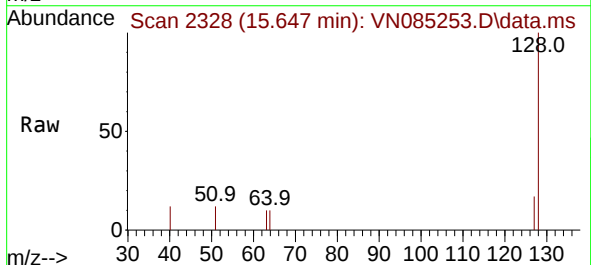


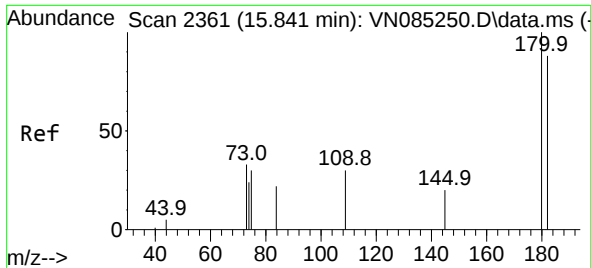
Tgt Ion:225 Resp: 680
Ion Ratio Lower Upper
225 100
223 42.6 34.1 102.2
227 38.7 33.2 99.6



#95
Naphthalene
Concen: 1.167 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN085253.D
Acq: 18 Dec 2024 16:01

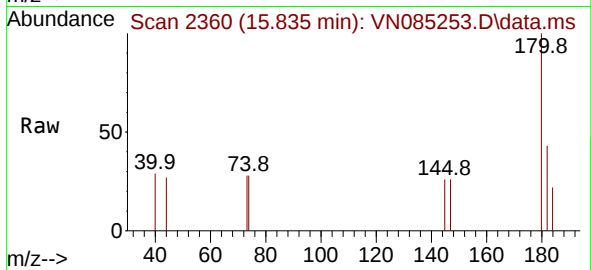
Tgt Ion:128 Resp: 3633
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 3.7 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.054 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN085253.D
 Acq: 18 Dec 2024 16:01

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 990
 Ion Ratio Lower Upper
 180 100
 182 76.9 46.9 140.6
 145 12.7 17.6 52.8#

