

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083454.D
 Acq On : 23 Aug 2024 12:35
 Operator : JC\MD
 Sample : PB162920TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 23:58:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

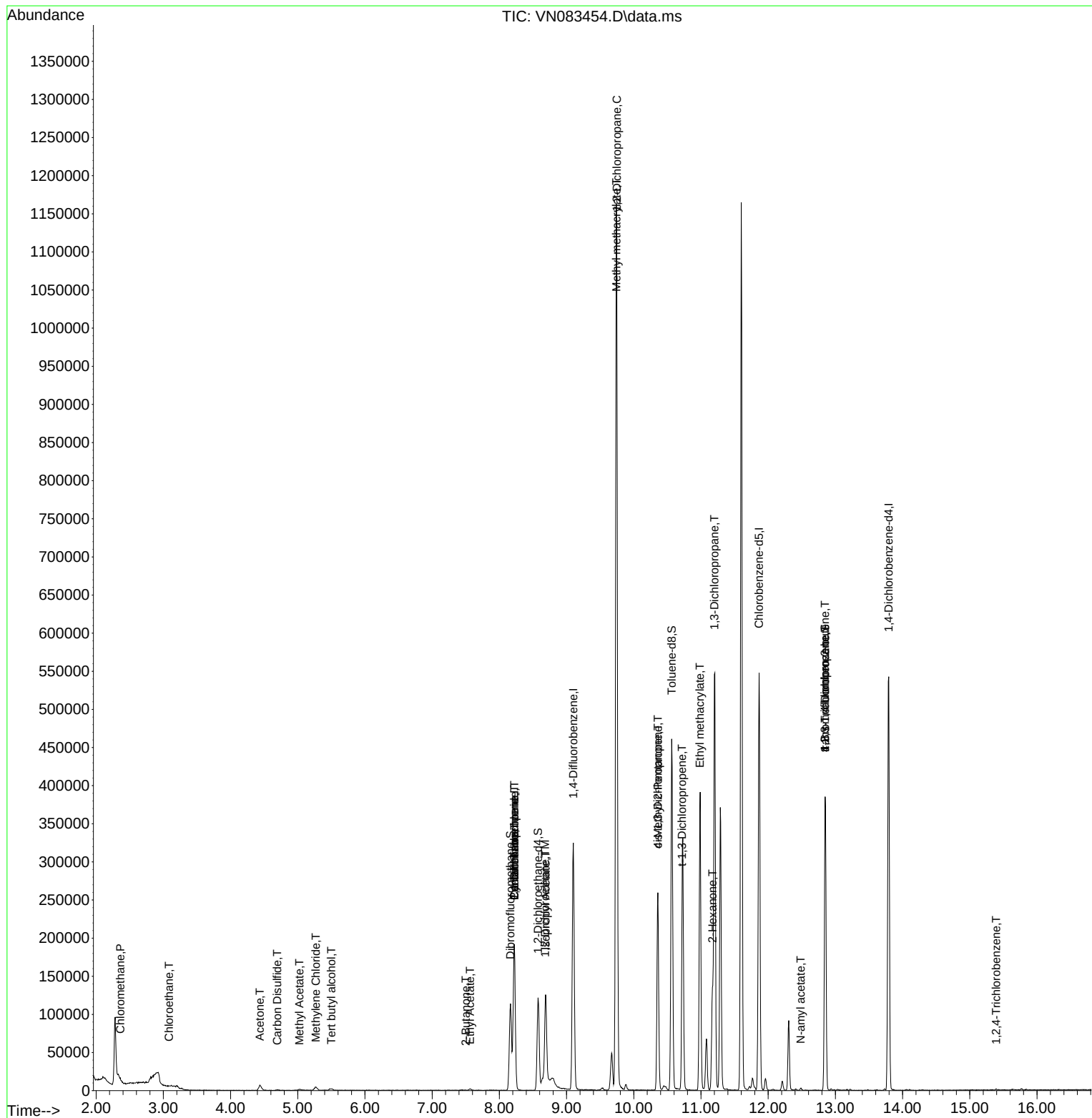
Internal Standards						
1) Pentafluorobenzene	8.224	168	131737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103673	55.289	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.580%			
35) Dibromofluoromethane	8.165	113	80820	48.443	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.880%			
50) Toluene-d8	10.565	98	303938	48.838	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.680%			
62) 4-Bromofluorobenzene	12.847	95	138775	57.198	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.400%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	724	0.473	ug/l #	43
6) Chloroethane	3.083	64	1340	1.372	ug/l #	41
11) Tert butyl alcohol	5.500	59	2038	5.230	ug/l #	71
16) Acetone	4.436	43	10314	14.057	ug/l	91
17) Carbon Disulfide	4.694	76	1918	0.449	ug/l #	75
18) Methyl Acetate	5.024	43	3143	1.438	ug/l #	73
20) Methylene Chloride	5.271	84	3372	1.997	ug/l #	90
25) 2-Butanone	7.500	43	452	0.401	ug/l #	53
31) Cyclohexane	8.224	56	3434	1.236	ug/l #	21
36) 1,1-Dichloropropene	8.224	75	12372	4.902	ug/l #	50
37) Ethyl Acetate	7.565	43	3268	1.157	ug/l #	79
38) Carbon Tetrachloride	8.224	117	14942	5.257	ug/l #	16
42) 1,2-Dichloroethane	8.682	62	558	0.204	ug/l #	78
43) Isopropyl Acetate	8.688	43	167589	33.267	ug/l #	89
45) 1,2-Dichloropropane	9.747	63	1176	0.659	ug/l #	44
48) Methyl methacrylate	9.741	41	108593	46.483	ug/l #	51
51) 4-Methyl-2-Pentanone	10.359	43	100264	37.522	ug/l #	49
53) t-1,3-Dichloropropene	10.718	75	725	0.246	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	44293	14.134	ug/l #	58
56) Ethyl methacrylate	10.982	69	954	0.297	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	6030	1.987	ug/l #	43
59) 2-Hexanone	11.171	43	108961	52.708	ug/l #	28
74) N-amyl acetate	12.482	43	1173	0.205	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	76342	24.825	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76342	54.001	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.394	180	572	0.215	ug/l #	90

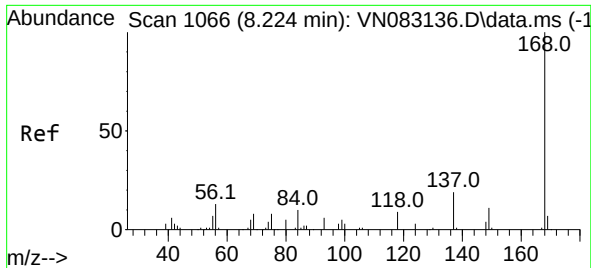
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
Data File : VN083454.D
Acq On : 23 Aug 2024 12:35
Operator : JC\MD
Sample : PB162920TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 23 23:58:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

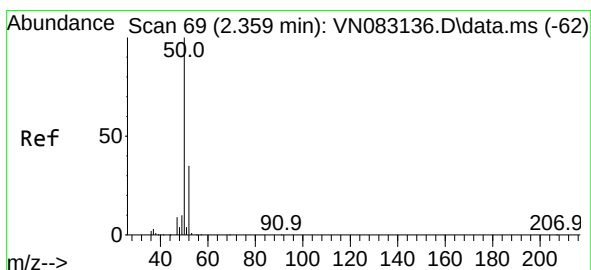
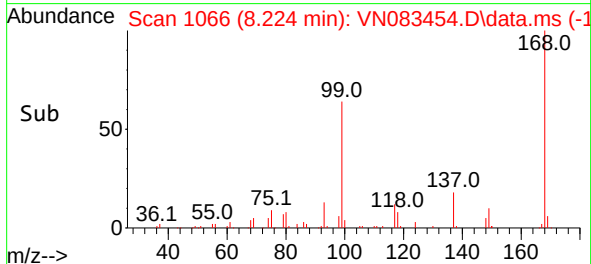
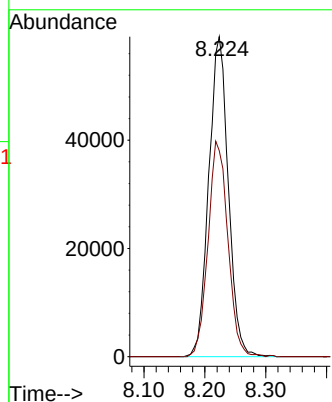
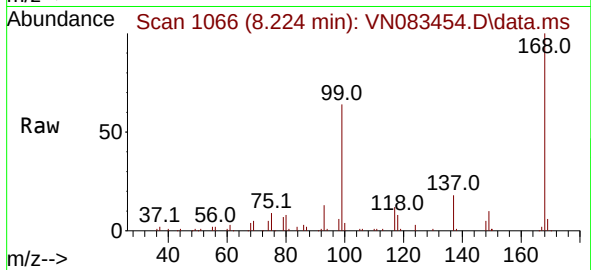




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

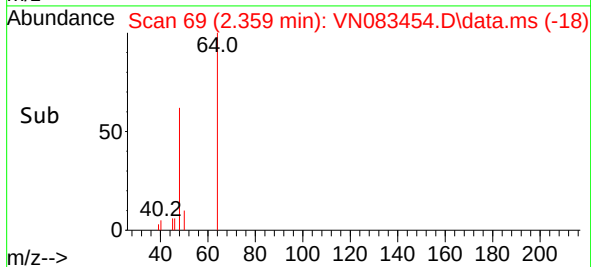
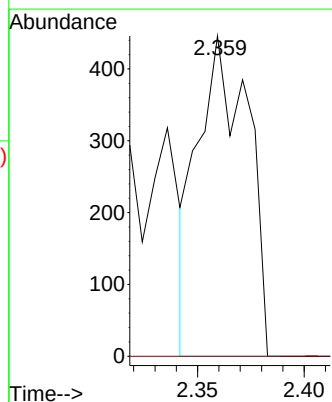
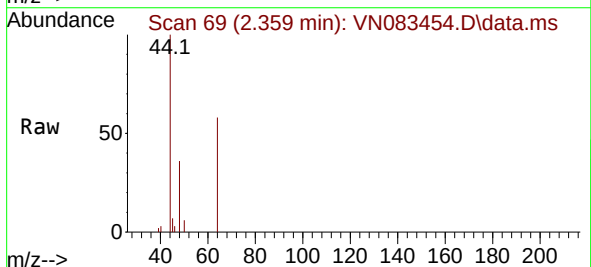
Instrument :
MSVOA_N
ClientSampleId :

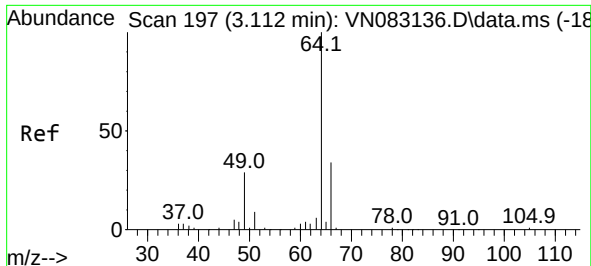
Tgt Ion:168 Resp: 131737
Ion Ratio Lower Upper
168 100
99 64.4 48.2 72.4



#3
Chloromethane
Concen: 0.473 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

Tgt Ion: 50 Resp: 724
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

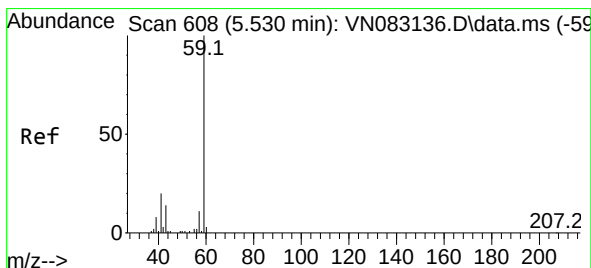
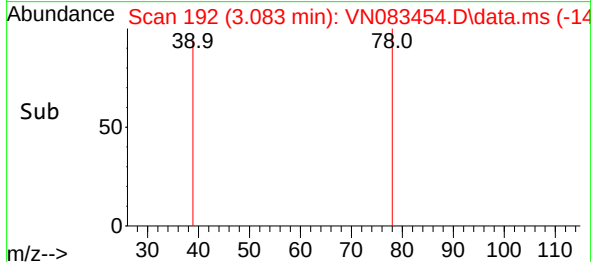
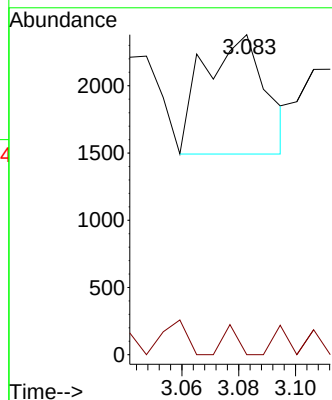
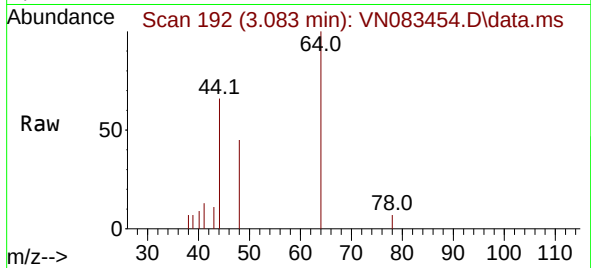




#6
Chloroethane
Concen: 1.372 ug/l
RT: 3.083 min Scan# 197
Delta R.T. -0.029 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

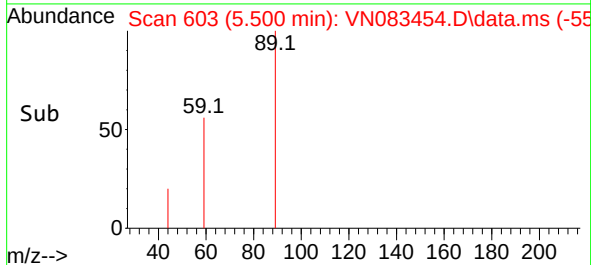
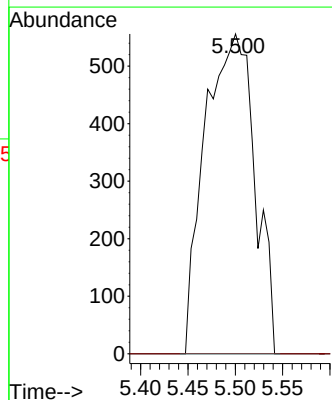
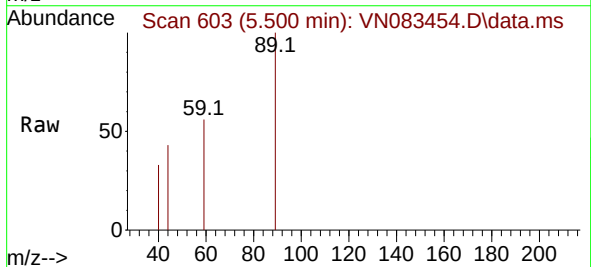
Instrument :
MSVOA_N
ClientSampleId :

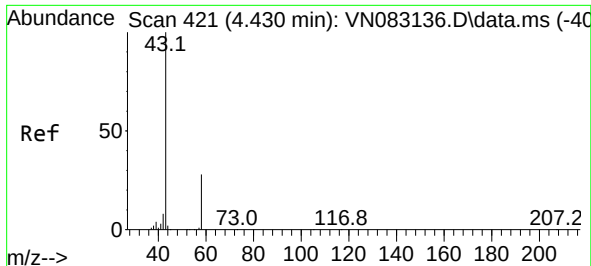
Tgt Ion: 64 Resp: 1340
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#11
Tert butyl alcohol
Concen: 5.230 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.029 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

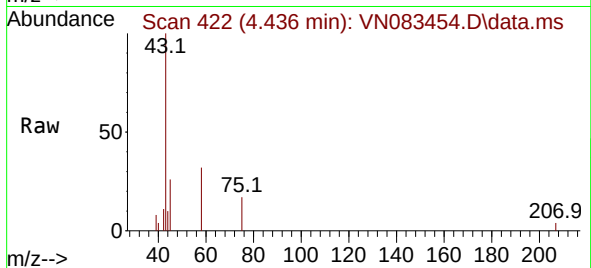
Tgt Ion: 59 Resp: 2038
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



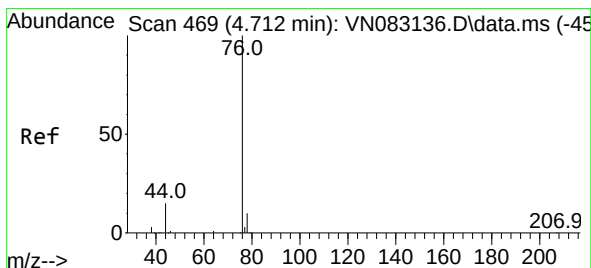
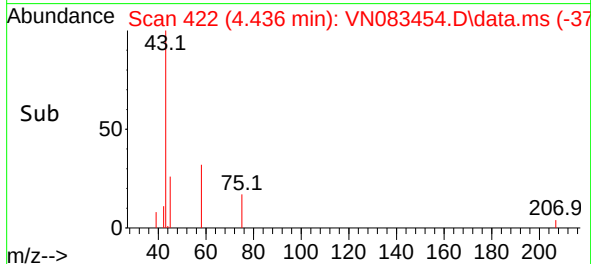
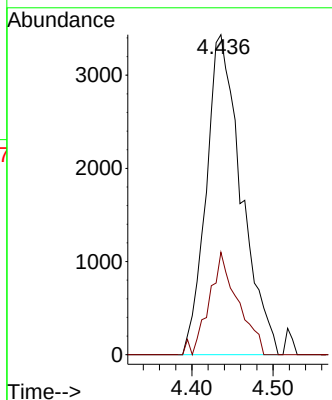


#16
Acetone
Concen: 14.057 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

Instrument :
MSVOA_N
ClientSampleId :

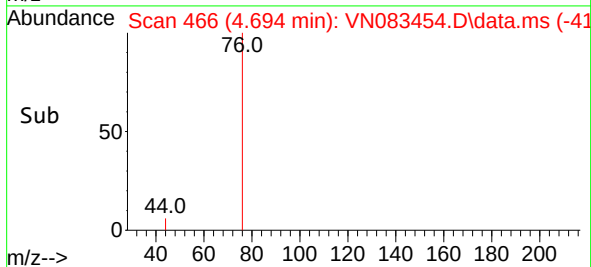
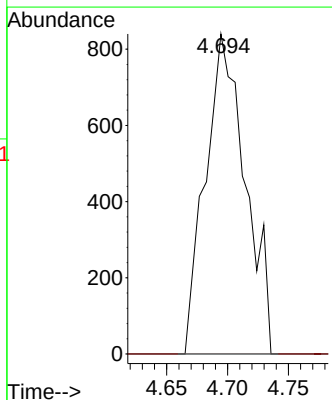
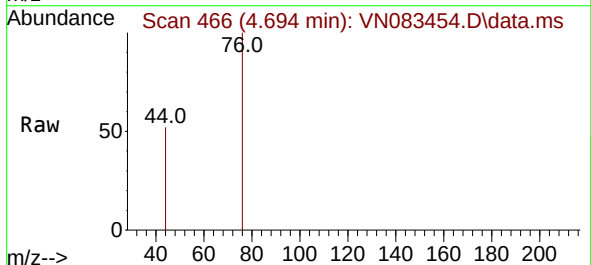


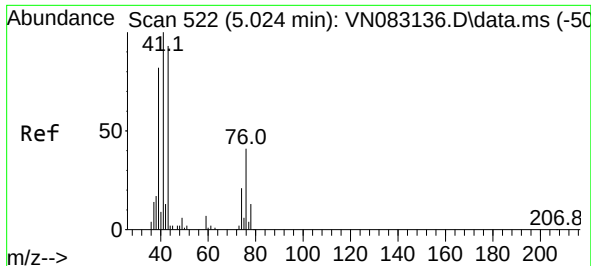
Tgt Ion: 43 Resp: 10314
Ion Ratio Lower Upper
43 100
58 32.0 21.8 32.6



#17
Carbon Disulfide
Concen: 0.449 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.018 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

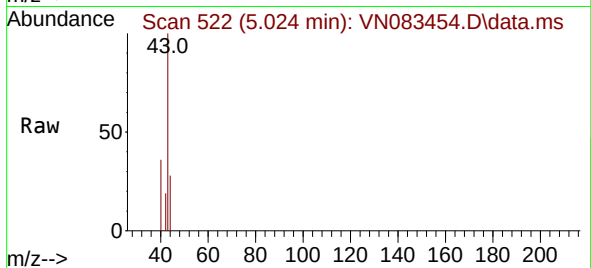
Tgt Ion: 76 Resp: 1918
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



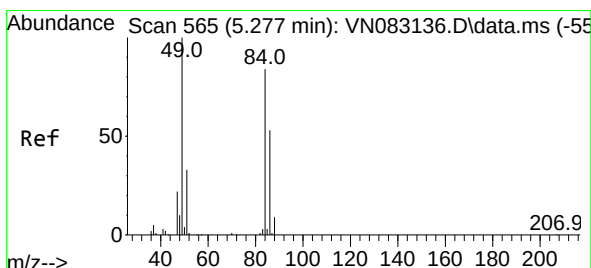
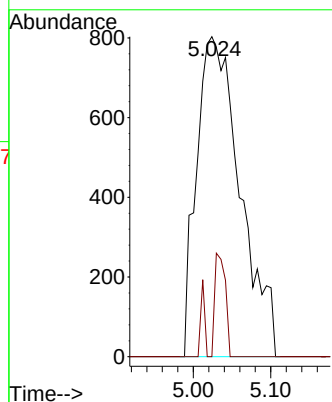
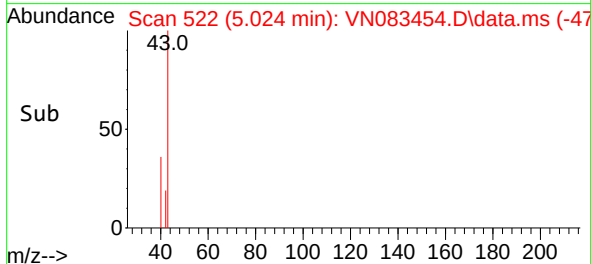


#18
Methyl Acetate
Concen: 1.438 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

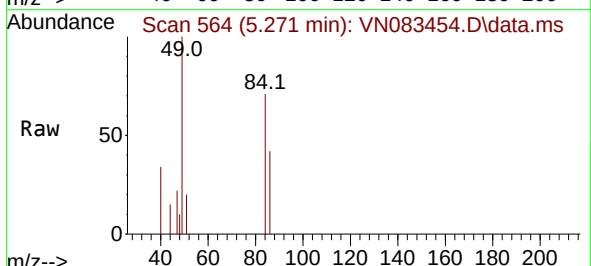
Instrument :
MSVOA_N
ClientSampleId :



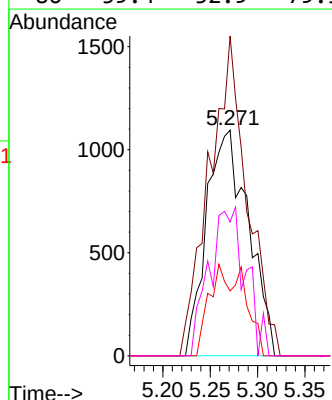
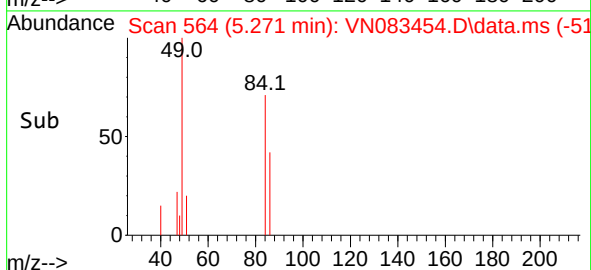
Tgt Ion: 43 Resp: 3143
Ion Ratio Lower Upper
43 100
74 7.8 16.3 24.5#

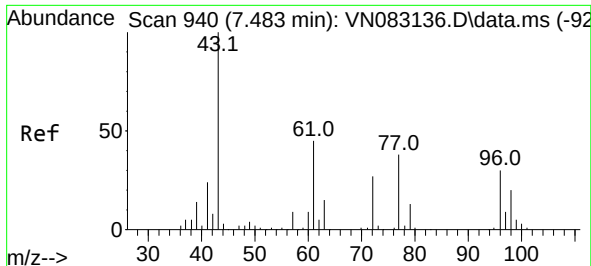


#20
Methylene Chloride
Concen: 1.997 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35



Tgt Ion: 84 Resp: 3372
Ion Ratio Lower Upper
84 100
49 141.7 119.6 179.4
51 28.8 34.8 52.2#
86 59.4 52.9 79.3

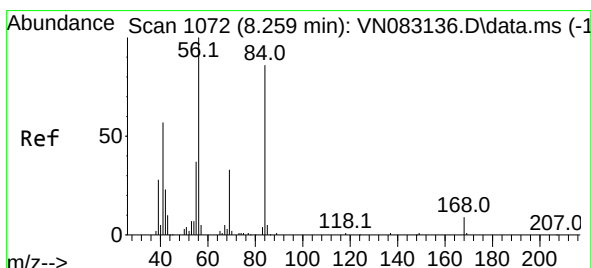
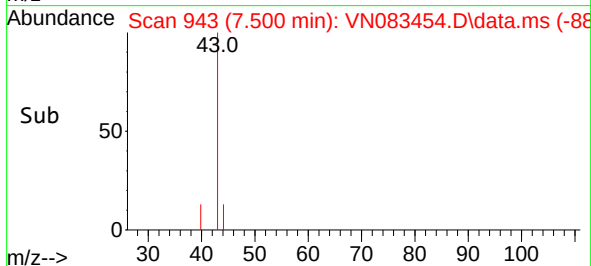
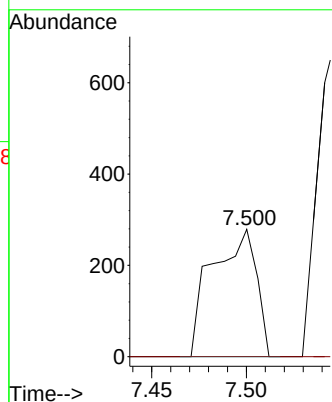
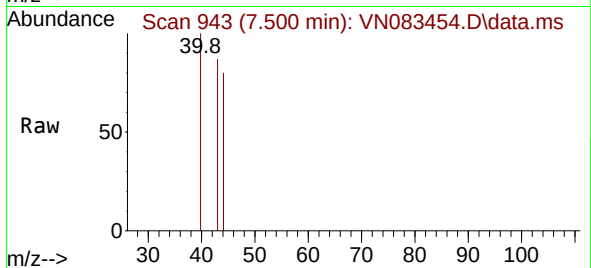




#25
2-Butanone
Concen: 0.401 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

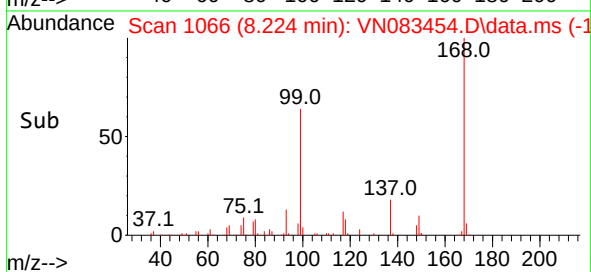
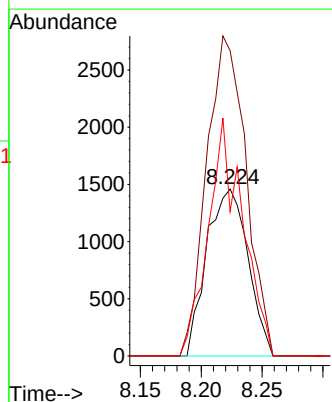
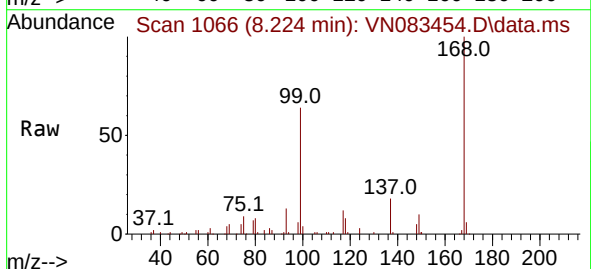
Instrument :
MSVOA_N
ClientSampleId :

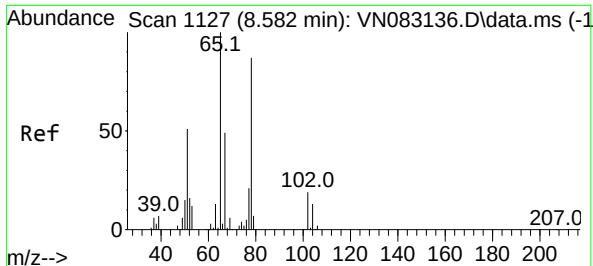
Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#31
Cyclohexane
Concen: 1.236 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

Tgt Ion: 56 Resp: 3434
Ion Ratio Lower Upper
56 100
69 182.9 24.5 36.7#
84 86.6 66.0 99.0





#33

1,2-Dichloroethane-d4

Concen: 55.289 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083454.D

Acq: 23 Aug 2024 12:35

Instrument :

MSVOA_N

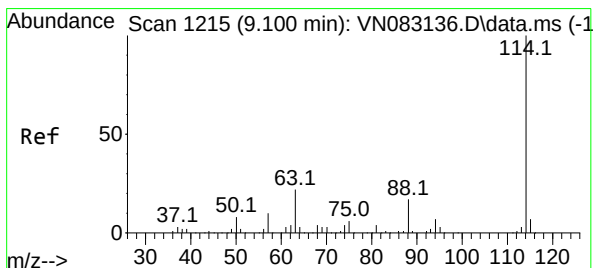
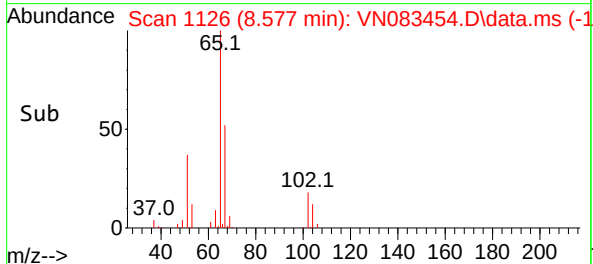
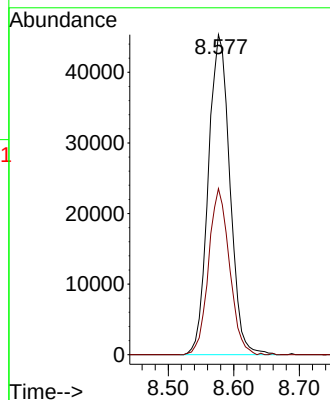
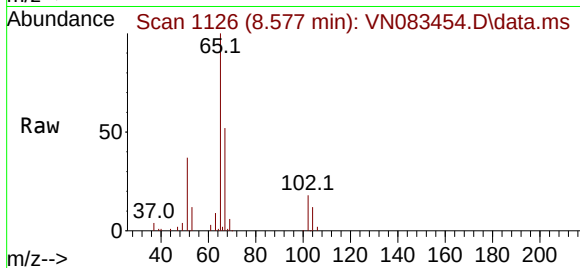
ClientSampleId :

Tgt Ion: 65 Resp: 103673

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083454.D

Acq: 23 Aug 2024 12:35

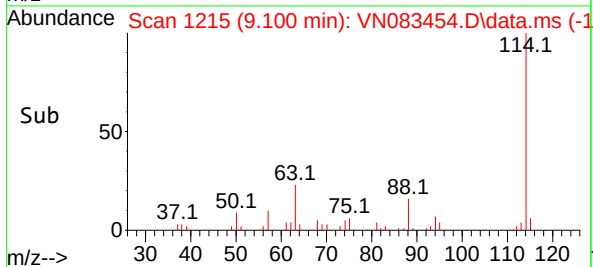
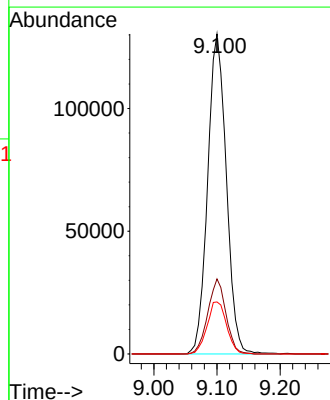
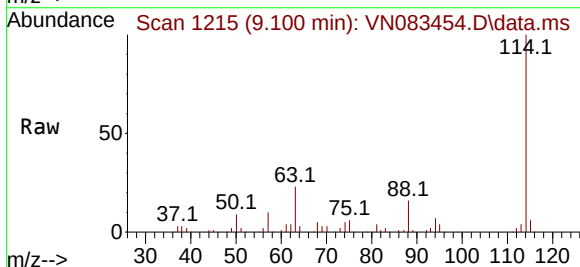
Tgt Ion: 114 Resp: 267287

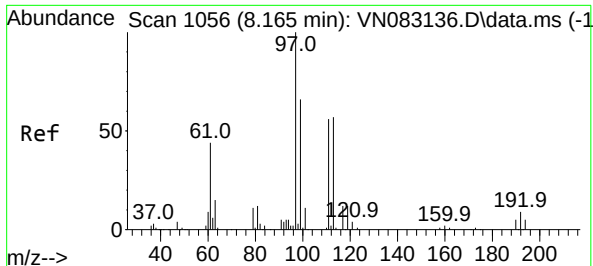
Ion Ratio Lower Upper

114 100

63 23.4 0.0 44.6

88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.443 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083454.D

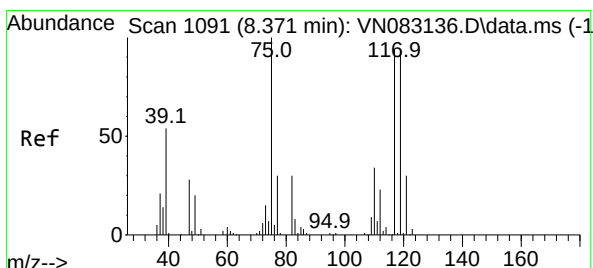
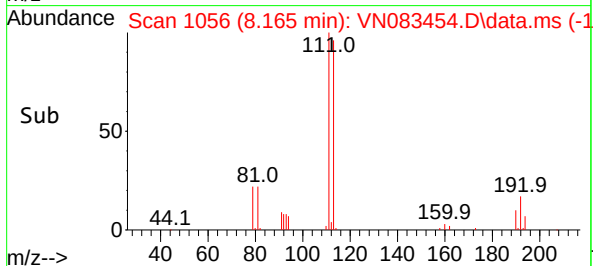
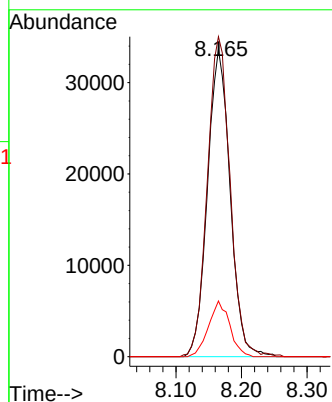
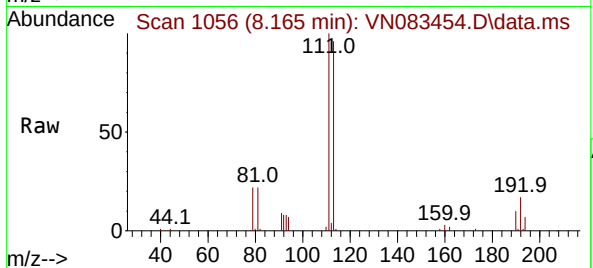
Acq: 23 Aug 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:113	Resp:	80820
Ion	Ratio	Lower Upper
113	100	
111	104.6	82.4 123.6
192	17.0	14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.902 ug/l

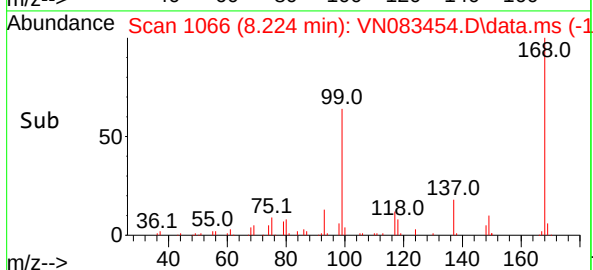
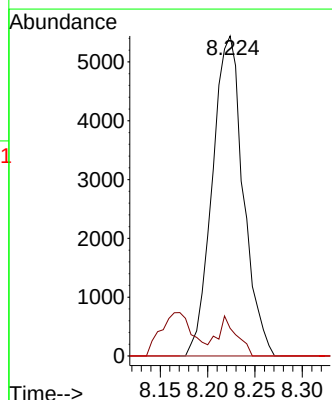
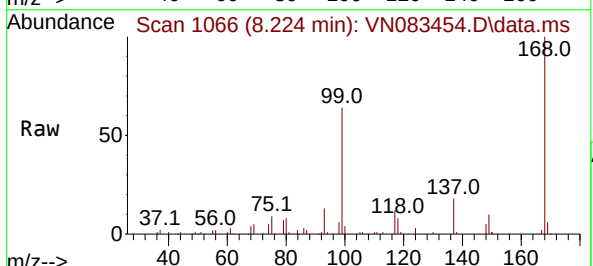
RT: 8.224 min Scan# 1066

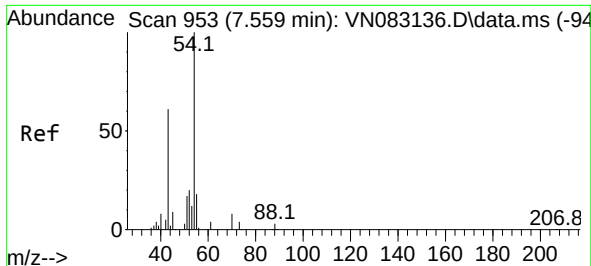
Delta R.T. -0.147 min

Lab File: VN083454.D

Acq: 23 Aug 2024 12:35

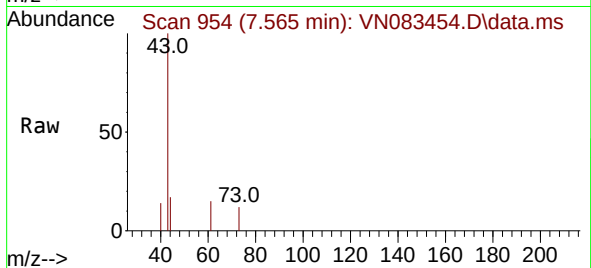
Tgt Ion: 75	Resp:	12372
Ion	Ratio	Lower Upper
75	100	
110	7.5	16.3 48.9#
77	0.0	24.6 37.0#



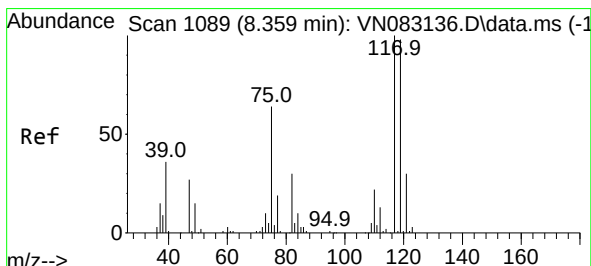
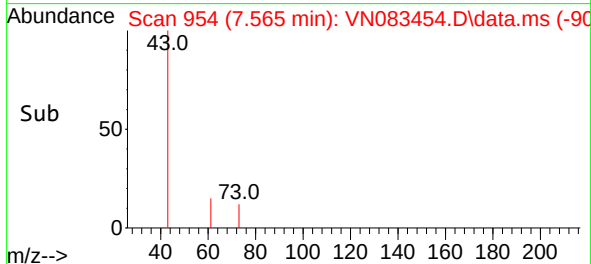
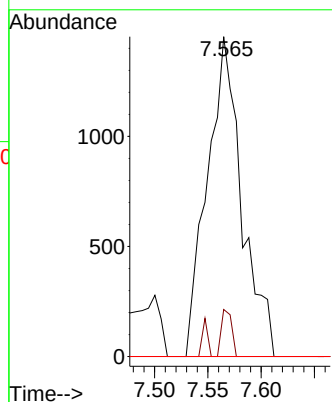


#37
Ethyl Acetate
Concen: 1.157 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

Instrument :
MSVOA_N
ClientSampleId :

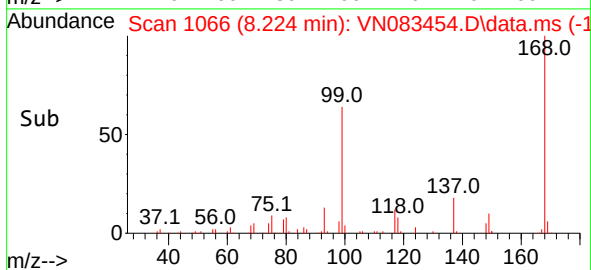
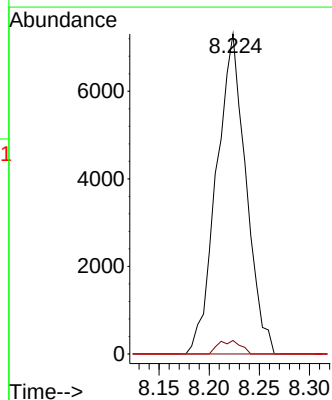
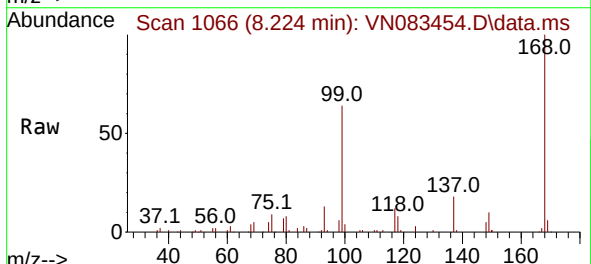


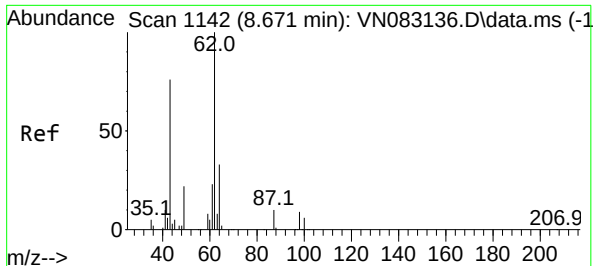
Tgt Ion: 43 Resp: 3268
Ion Ratio Lower Upper
43 100
61 4.4 9.3 13.9#
70 0.0 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 5.257 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

Tgt Ion: 117 Resp: 14942
Ion Ratio Lower Upper
117 100
119 4.2 74.9 112.3#
121 0.0 24.3 36.5#





#42

1,2-Dichloroethane

Concen: 0.204 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN083454.D

Acq: 23 Aug 2024 12:35

Instrument :

MSVOA_N

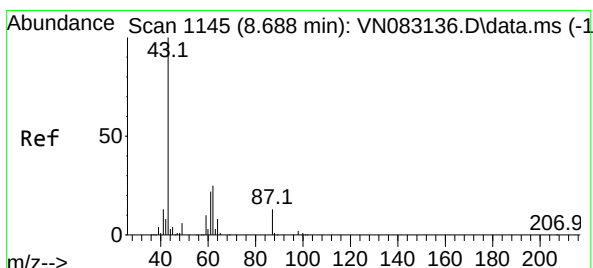
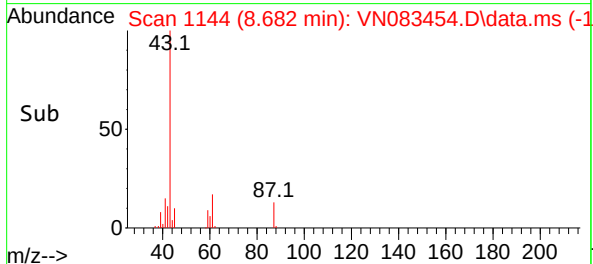
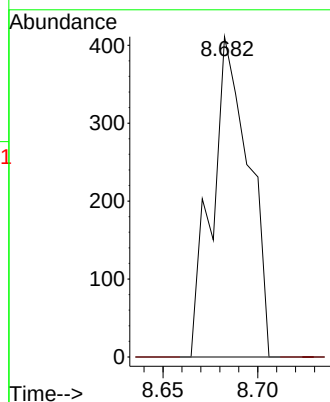
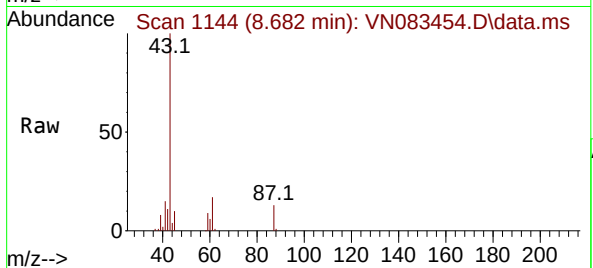
ClientSampleId :

Tgt Ion: 62 Resp: 558

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 33.267 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083454.D

Acq: 23 Aug 2024 12:35

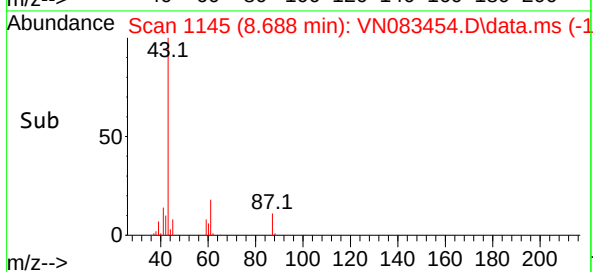
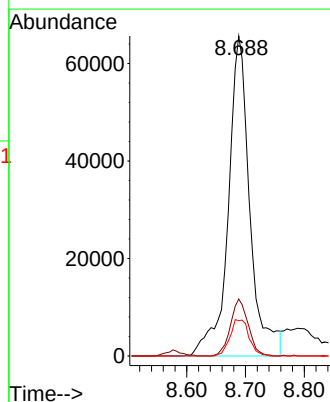
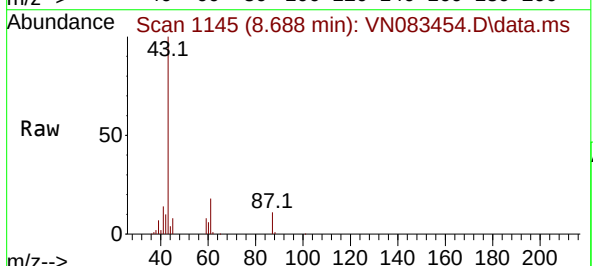
Tgt Ion: 43 Resp: 167589

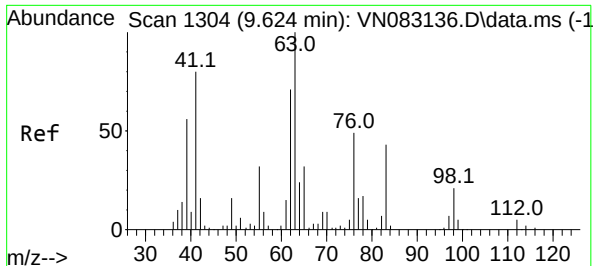
Ion Ratio Lower Upper

43 100

61 14.6 17.8 26.6#

87 10.0 8.2 12.2

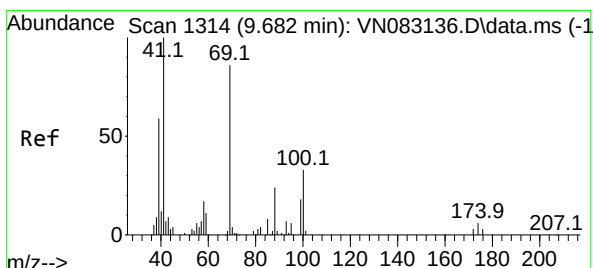
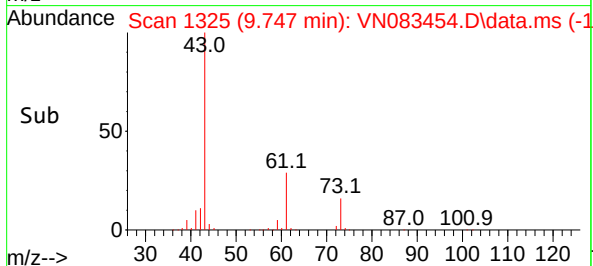
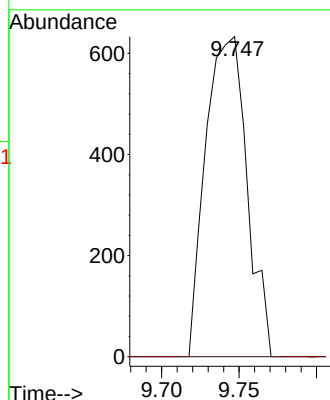
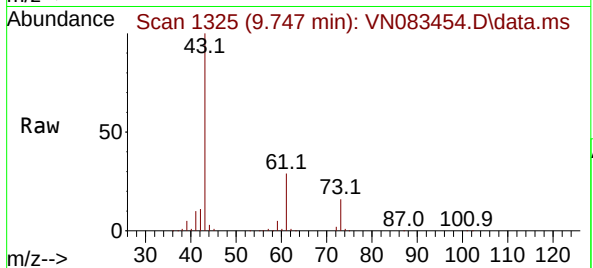




#45
1,2-Dichloropropane
Concen: 0.659 ug/l
RT: 9.747 min Scan# 1176
Delta R.T. 0.123 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

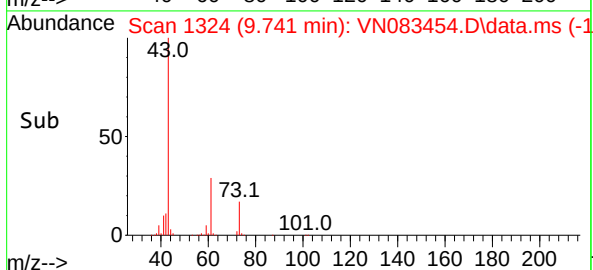
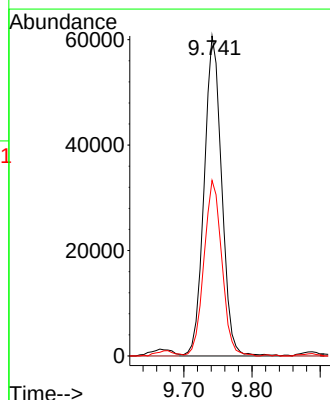
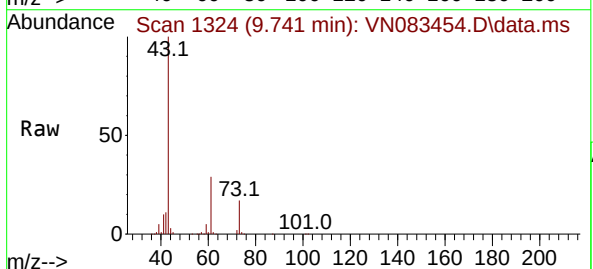
Instrument :
MSVOA_N
ClientSampleId :

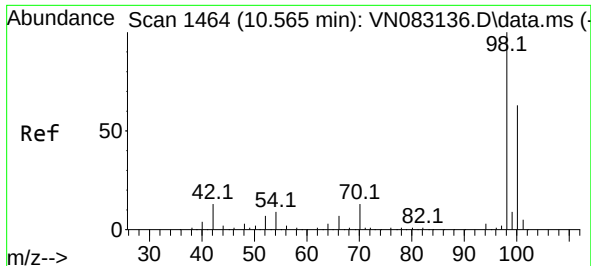
Tgt Ion: 63 Resp: 1176
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#



#48
Methyl methacrylate
Concen: 46.483 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.059 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

Tgt Ion: 41 Resp: 108593
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 56.0 50.3 75.5

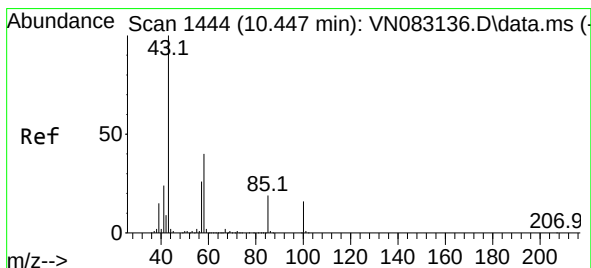
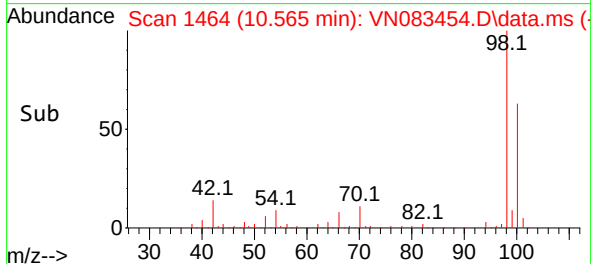
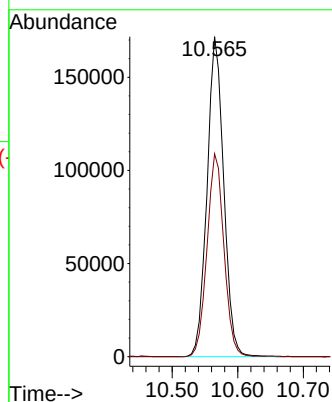
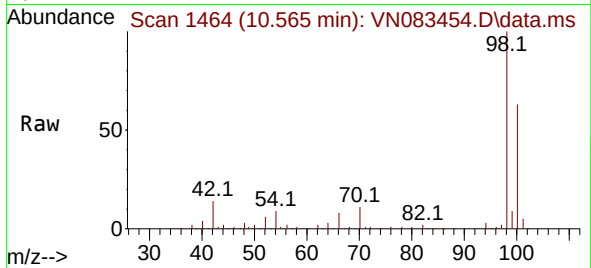




#50
Toluene-d8
Concen: 48.838 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

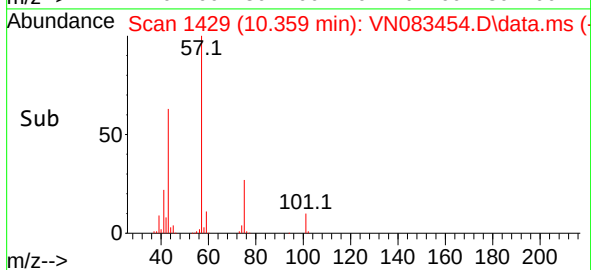
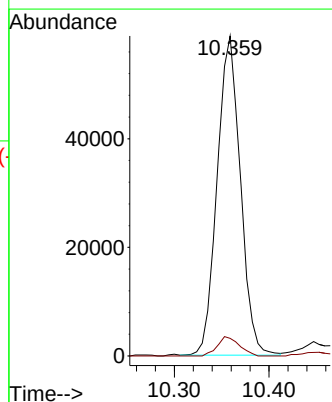
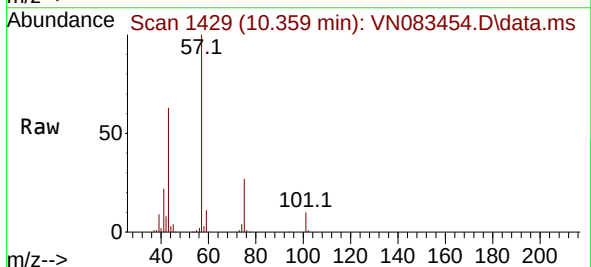
Instrument :
MSVOA_N
ClientSampleId :

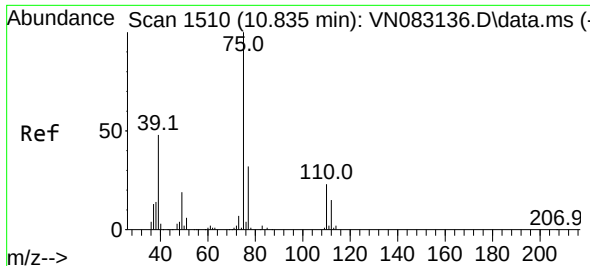
Tgt Ion: 98 Resp: 303938
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 37.522 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. -0.088 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

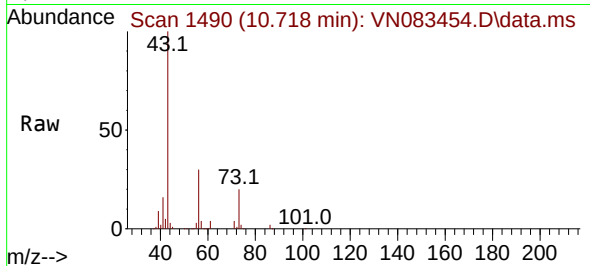
Tgt Ion: 43 Resp: 100264
Ion Ratio Lower Upper
43 100
58 5.7 28.2 42.4#



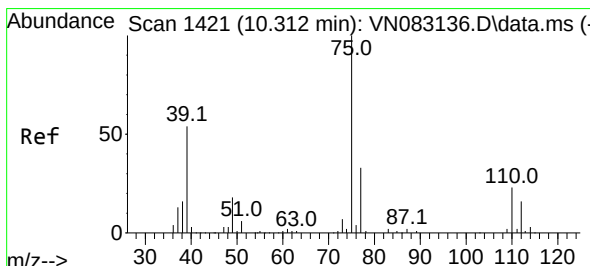
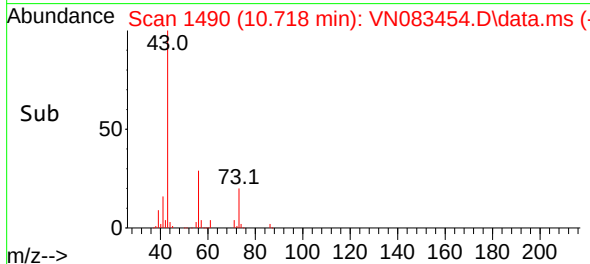
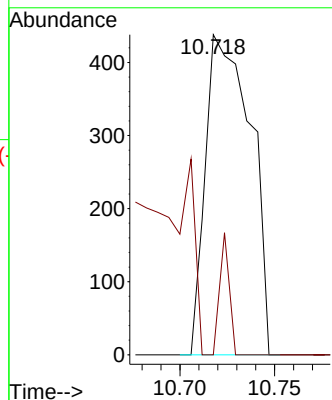


#53
t-1,3-Dichloropropene
Concen: 0.246 ug/l
RT: 10.718 min Scan# 1490
Delta R.T. -0.118 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

Instrument :
MSVOA_N
ClientSampleId :

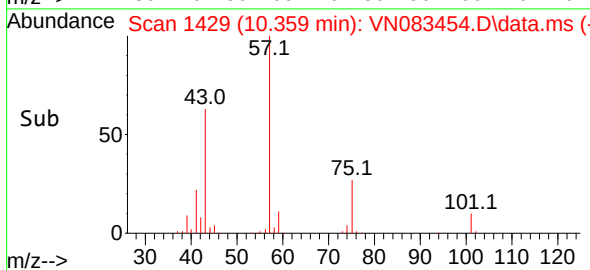
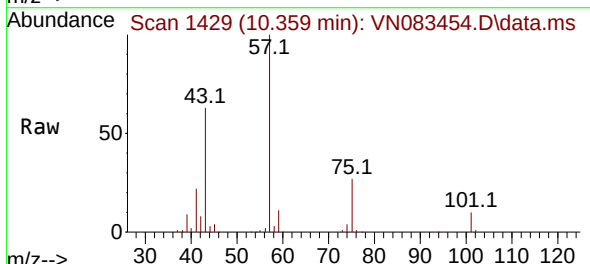
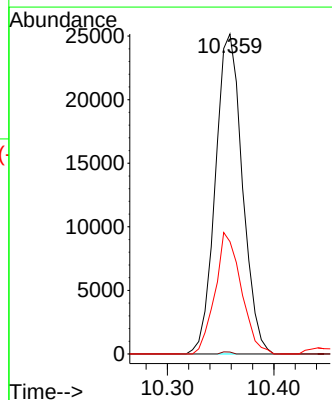


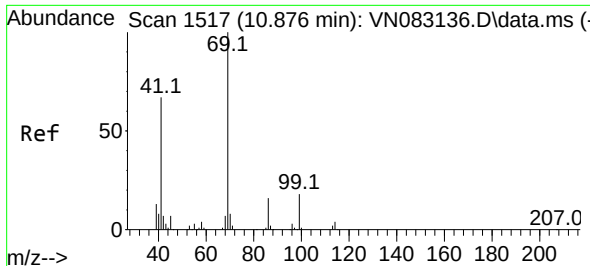
Tgt Ion: 75 Resp: 725
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 14.134 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

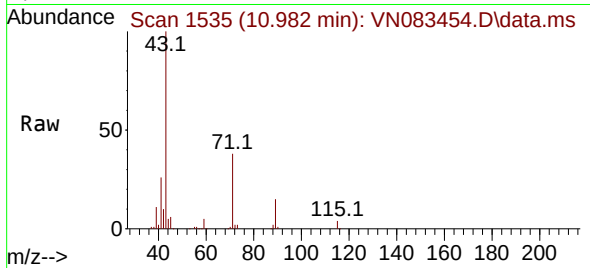
Tgt Ion: 75 Resp: 44293
Ion Ratio Lower Upper
75 100
77 0.6 24.3 36.5#
39 35.1 50.5 75.7#



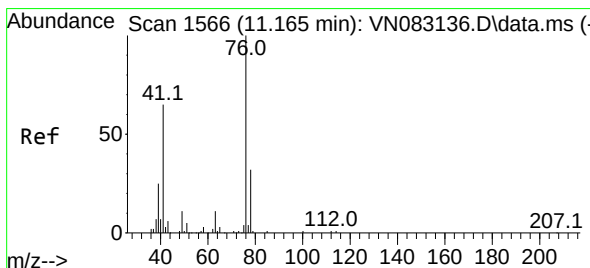
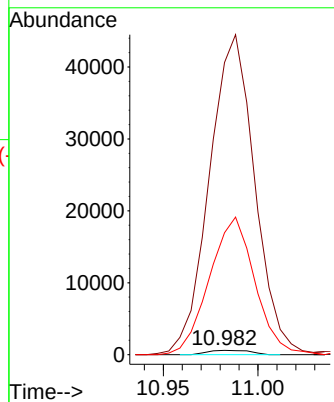
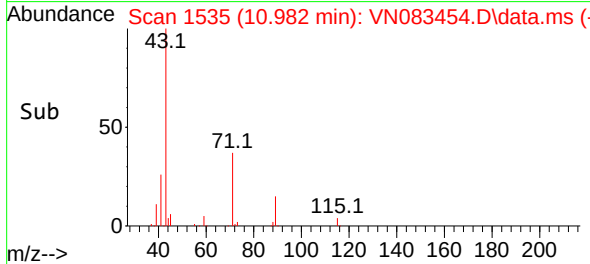


#56
Ethyl methacrylate
Concen: 0.297 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.106 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

Instrument :
MSVOA_N
ClientSampleId :

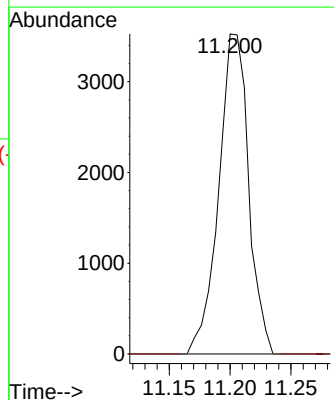
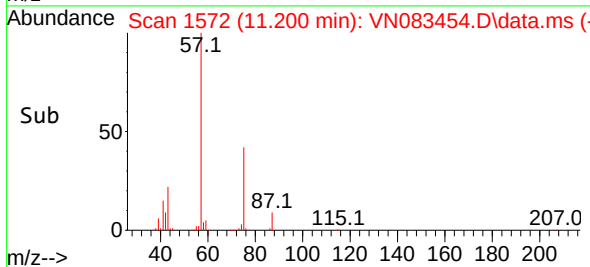
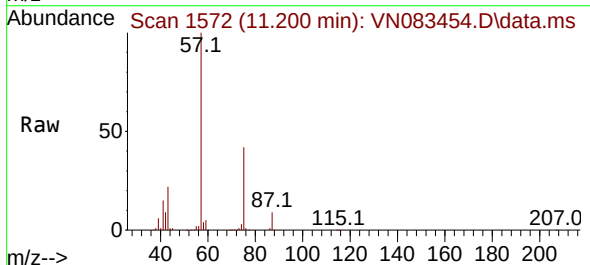


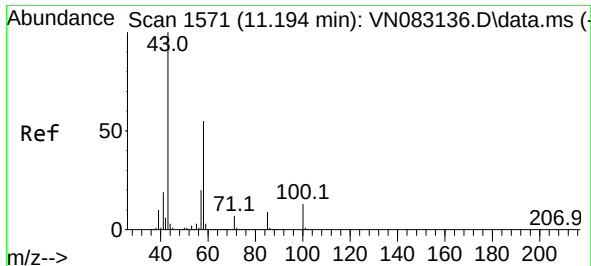
Tgt Ion: 69 Resp: 954
Ion Ratio Lower Upper
69 100
41 7798.7 63.4 95.2#
39 3351.2 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.987 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

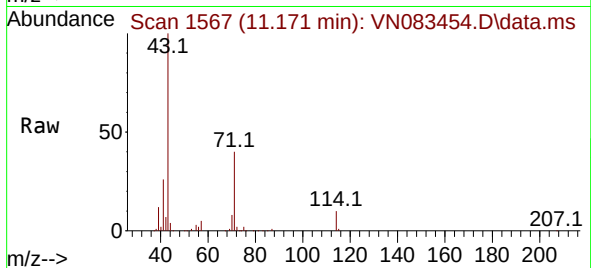
Tgt Ion: 76 Resp: 6030
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



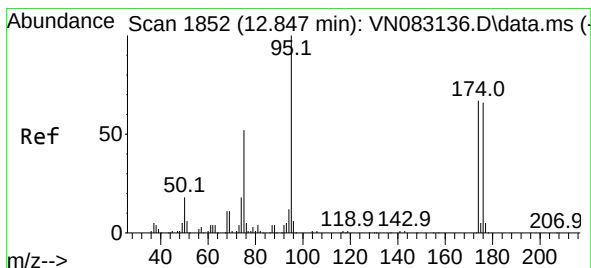
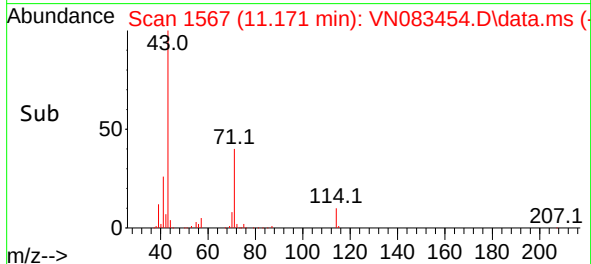
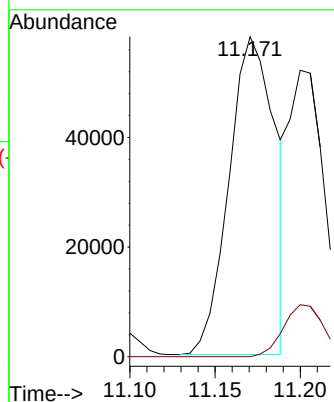


#59
2-Hexanone
Concen: 52.708 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

Instrument :
MSVOA_N
ClientSampleId :

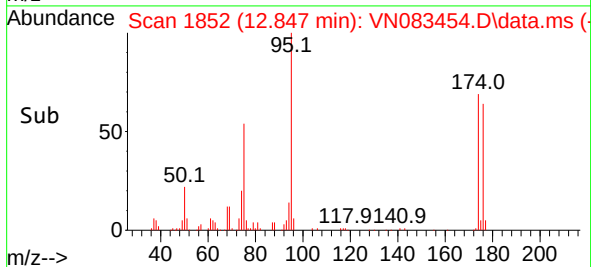
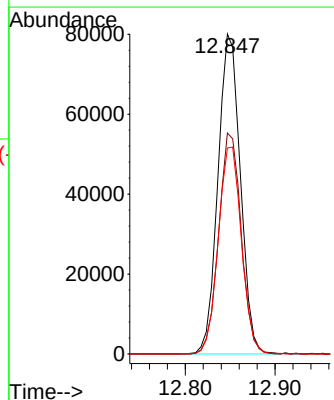
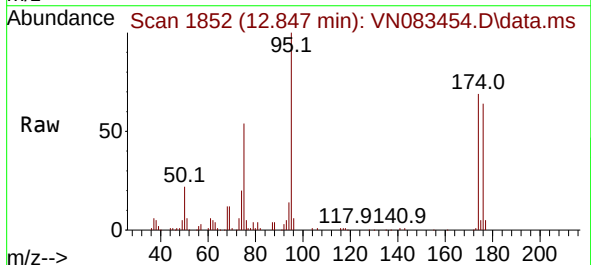


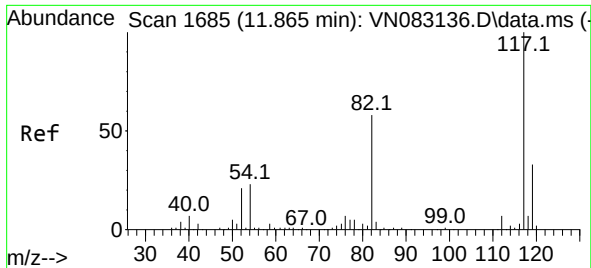
Tgt Ion: 43 Resp: 108961
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 57.198 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

Tgt Ion: 95 Resp: 138775
Ion Ratio Lower Upper
95 100
174 69.3 0.0 159.2
176 67.0 0.0 147.6

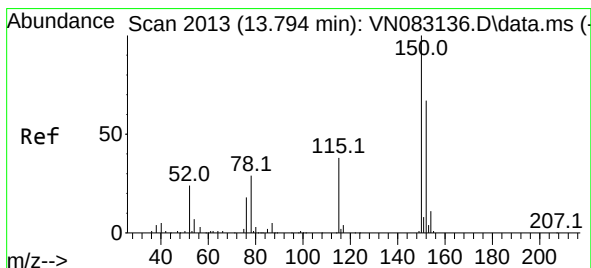
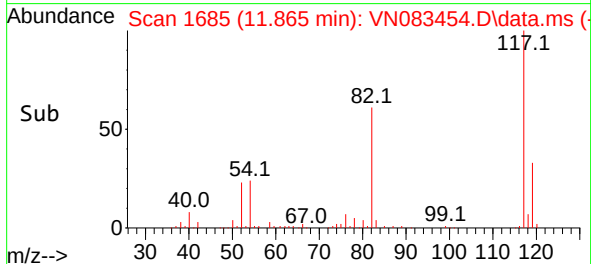
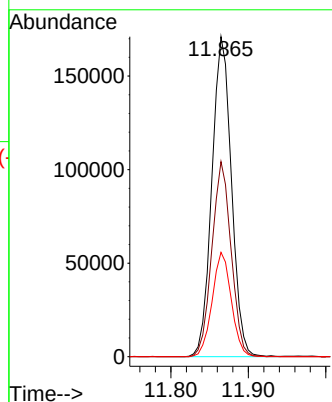
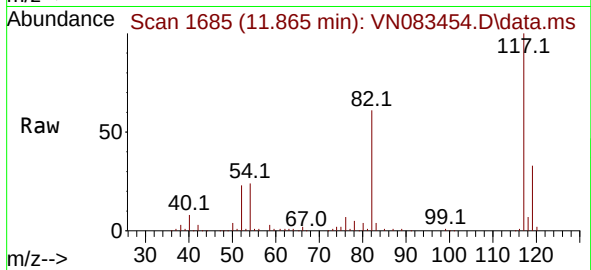




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

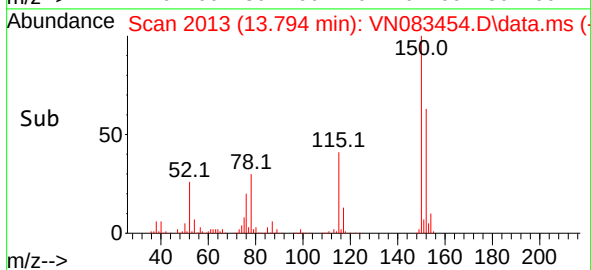
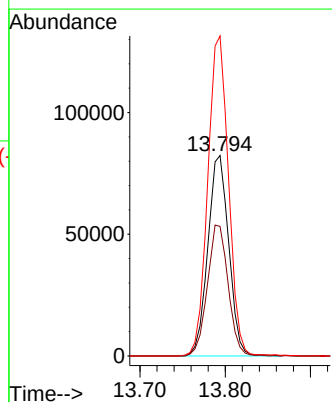
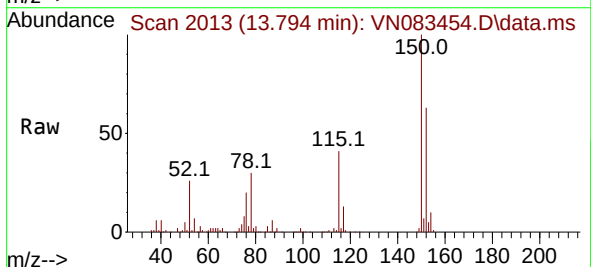
Instrument :
MSVOA_N
ClientSampleId :

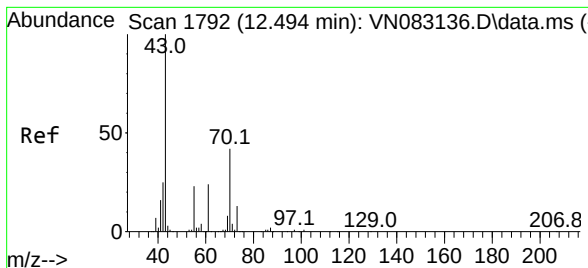
Tgt Ion:117 Resp: 300055
Ion Ratio Lower Upper
117 100
82 60.9 47.5 71.3
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083454.D
Acq: 23 Aug 2024 12:35

Tgt Ion:152 Resp: 140114
Ion Ratio Lower Upper
152 100
115 64.8 30.6 91.6
150 158.5 0.0 348.6





#74

N-amy1 acetate

Concen: 0.205 ug/l

RT: 12.482 min Scan# 1173

Delta R.T. -0.012 min

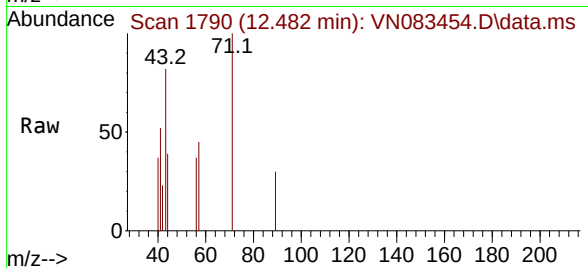
Lab File: VN083454.D

Acq: 23 Aug 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 1173

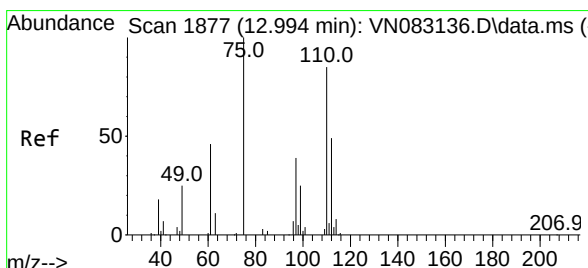
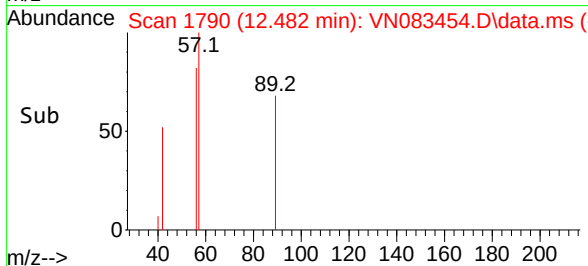
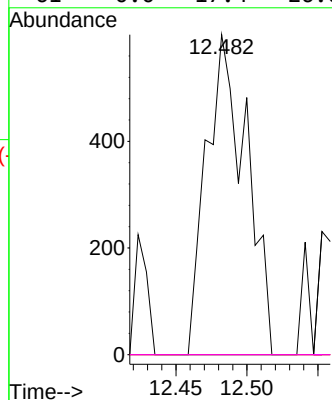
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.6#

55 0.0 18.7 28.1#

61 0.0 17.4 26.0#



#76

1,2,3-Trichloropropane

Concen: 24.825 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083454.D

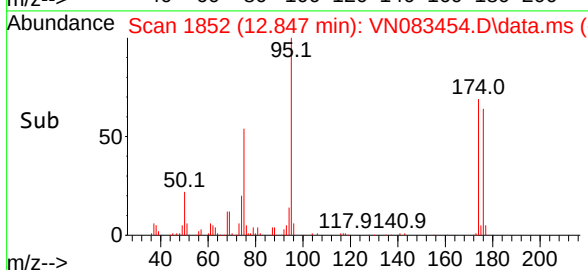
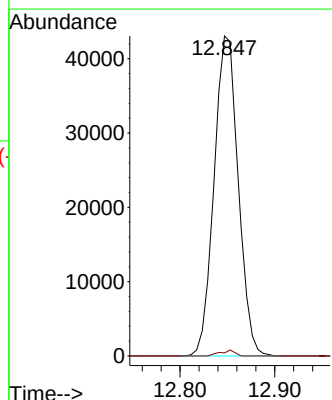
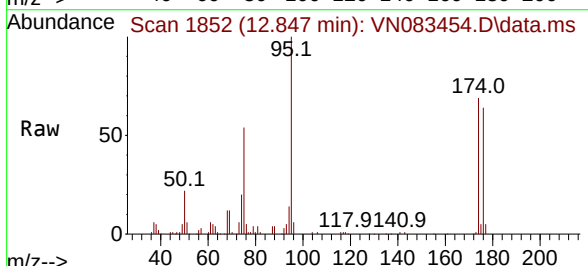
Acq: 23 Aug 2024 12:35

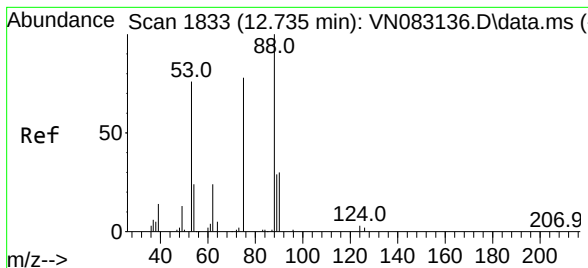
Tgt Ion: 75 Resp: 76342

Ion Ratio Lower Upper

75 100

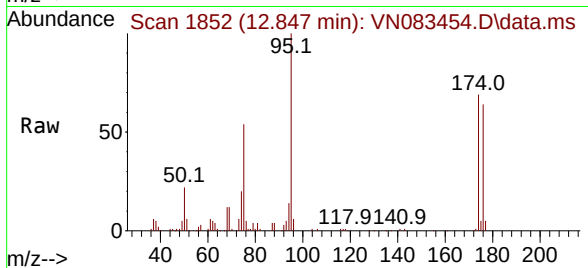
77 1.1 110.9 332.6#



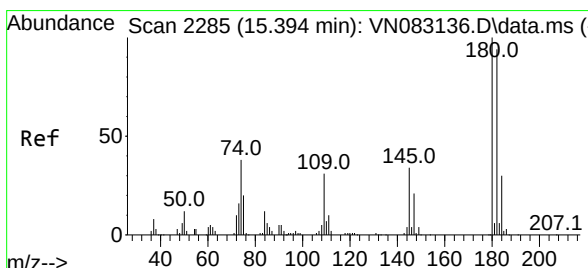
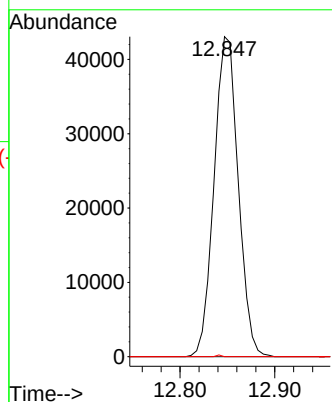
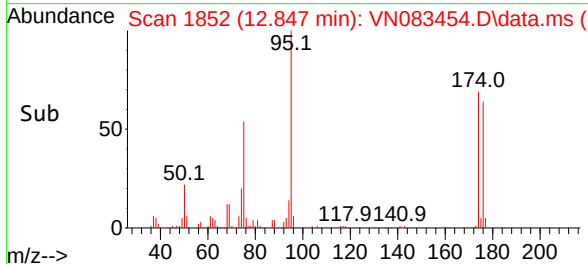


#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.001 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN083454.D
 Acq: 23 Aug 2024 12:35

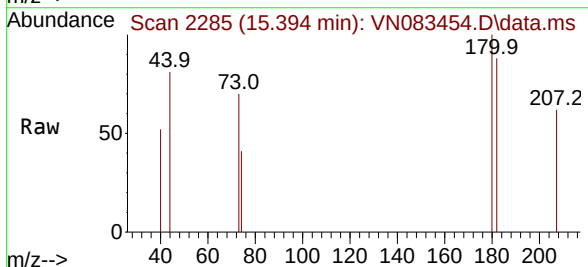
Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 76342
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.1 36.3 54.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.215 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: VN083454.D
 Acq: 23 Aug 2024 12:35



Tgt Ion: 180 Resp: 572
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.3 141.8
 145 10.7 15.7 47.1#

