

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083263.D
 Acq On : 13 Aug 2024 17:20
 Operator : JC\MD
 Sample : P3543-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 01:46:18 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

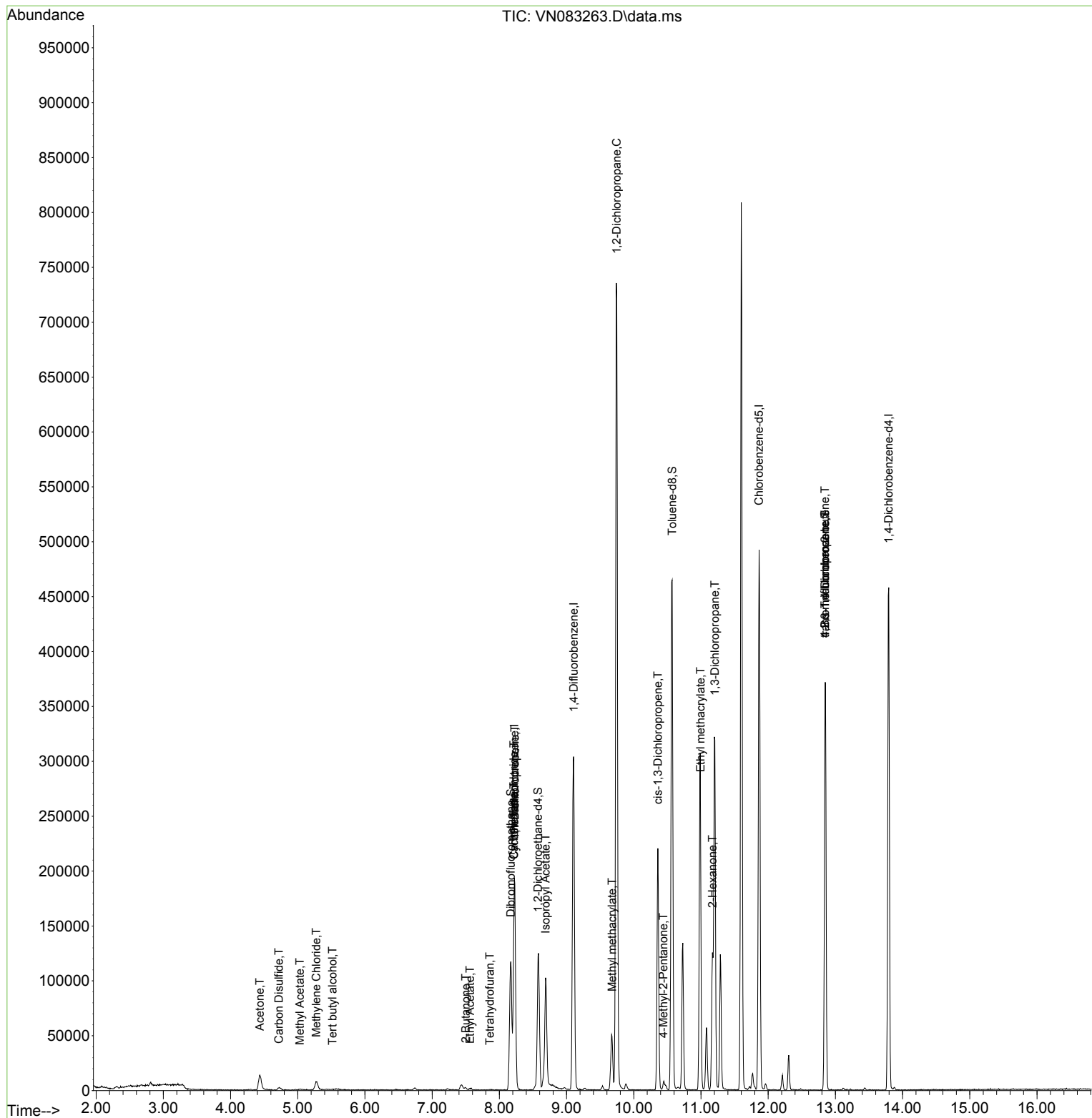
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	135708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	261858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109210	56.537	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.080%
35) Dibromofluoromethane	8.171	113	85086	52.058	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.120%
50) Toluene-d8	10.571	98	326738	53.591	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.180%
62) 4-Bromofluorobenzene	12.847	95	136135	57.273	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	114.540%
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	119	0.296	ug/l #	71
16) Acetone	4.436	43	27154	35.925	ug/l	98
17) Carbon Disulfide	4.718	76	959	0.218	ug/l #	75
18) Methyl Acetate	5.030	43	1824	0.810	ug/l #	62
20) Methylene Chloride	5.277	84	5660	3.254	ug/l	92
25) 2-Butanone	7.500	43	4281	3.689	ug/l	96
29) Tetrahydrofuran	7.859	42	384	0.512	ug/l #	38
31) Cyclohexane	8.218	56	3291	1.150	ug/l #	44
36) 1,1-Dichloropropene	8.230	75	11991	4.850	ug/l #	51
37) Ethyl Acetate	7.565	43	2739	0.989	ug/l #	78
38) Carbon Tetrachloride	8.218	117	15101	5.423	ug/l #	17
43) Isopropyl Acetate	8.688	43	125652	24.927	ug/l #	92
45) 1,2-Dichloropropane	9.747	63	974	0.557	ug/l #	44
48) Methyl methacrylate	9.676	41	2884	1.260	ug/l #	46
51) 4-Methyl-2-Pentanone	10.441	43	9102	3.477	ug/l #	78
54) cis-1,3-Dichloropropene	10.359	75	38019	12.384	ug/l #	55
56) Ethyl methacrylate	10.994	69	925	0.294	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3467	1.166	ug/l #	43
59) 2-Hexanone	11.171	43	107389	53.024	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	74504	28.327	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74504	61.619	ug/l #	6

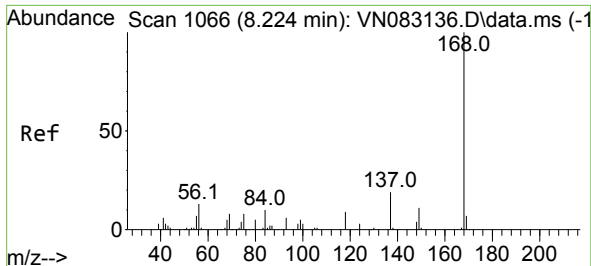
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
Data File : VN083263.D
Acq On : 13 Aug 2024 17:20
Operator : JC\MD
Sample : P3543-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 14 01:46:18 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

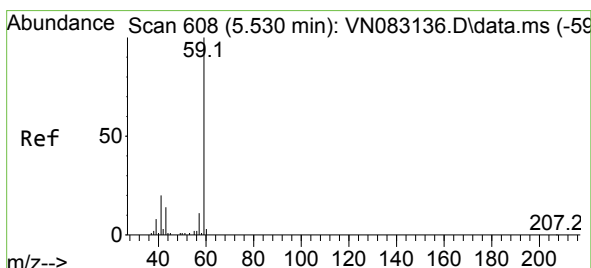
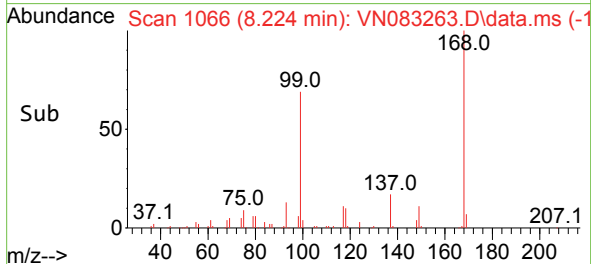
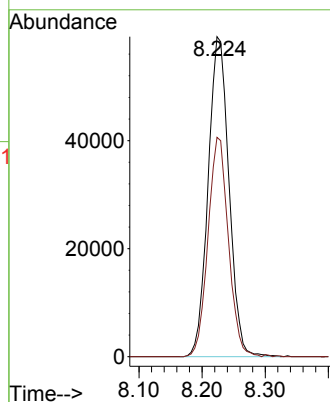
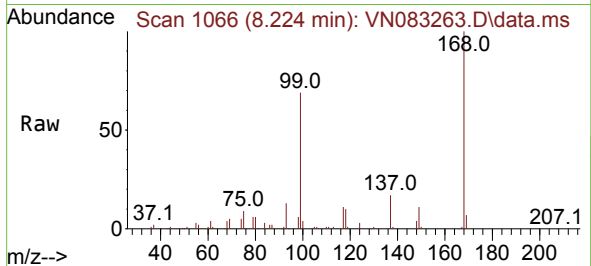




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083263.D
Acq: 13 Aug 2024 17:20

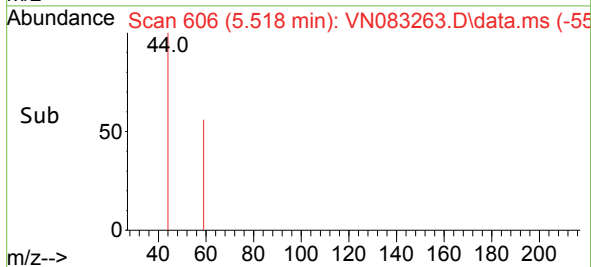
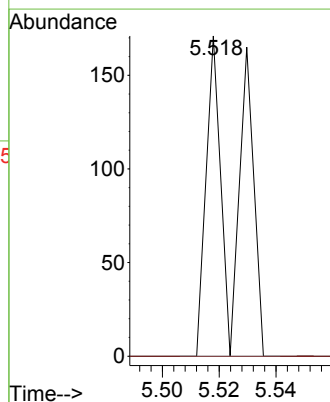
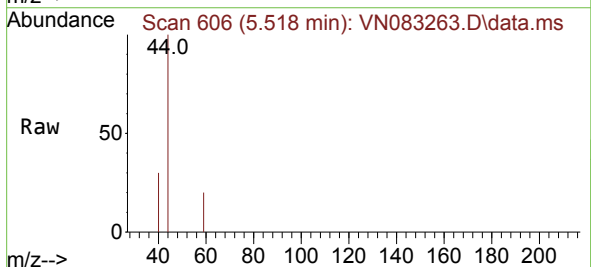
Instrument :
MSVOA_N
ClientSampleId :

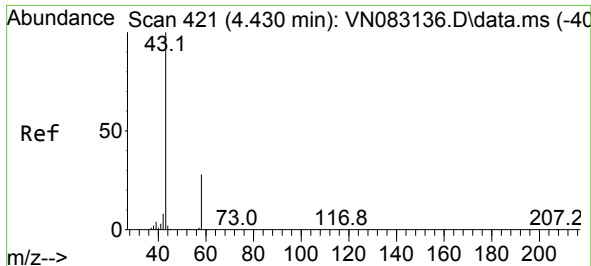
Tgt Ion:168 Resp: 135708
Ion Ratio Lower Upper
168 100
99 68.6 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.296 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN083263.D
Acq: 13 Aug 2024 17:20

Tgt Ion: 59 Resp: 119
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

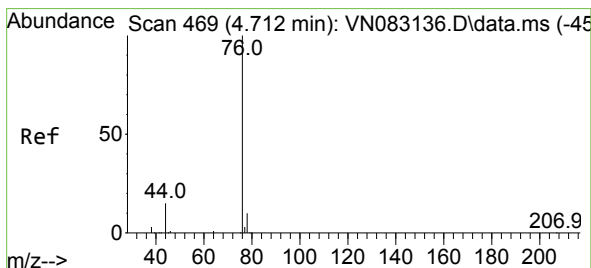
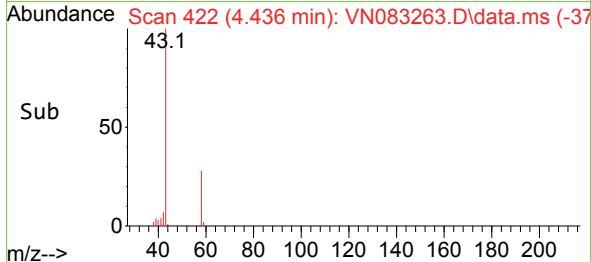
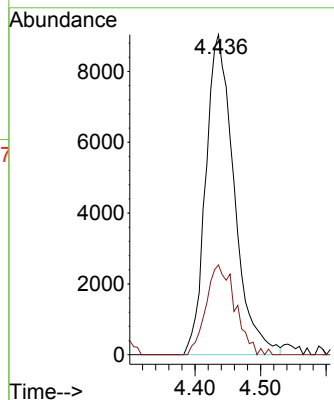
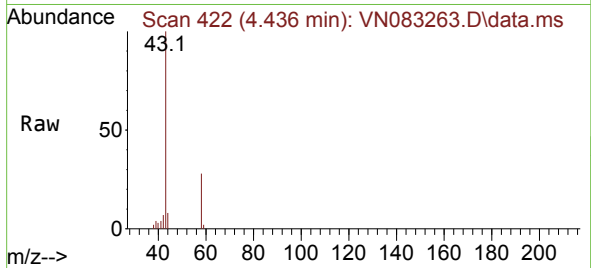




#16
Acetone
Concen: 35.925 ug/l
RT: 4.436 min Scan# 431
Delta R.T. 0.006 min
Lab File: VN083263.D
Acq: 13 Aug 2024 17:20

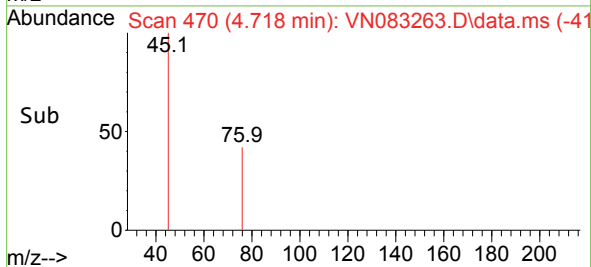
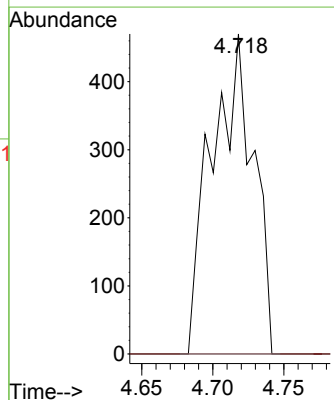
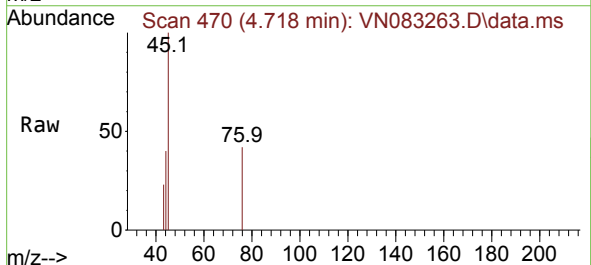
Instrument :
MSVOA_N
ClientSampleId :

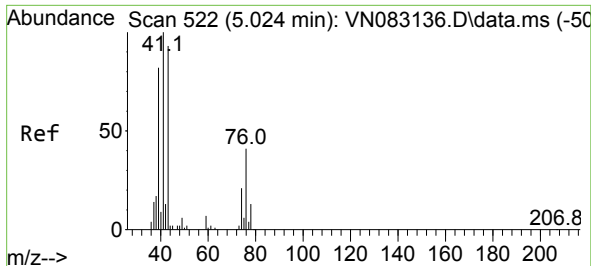
Tgt Ion: 43 Resp: 27154
Ion Ratio Lower Upper
43 100
58 28.1 21.8 32.6



#17
Carbon Disulfide
Concen: 0.218 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN083263.D
Acq: 13 Aug 2024 17:20

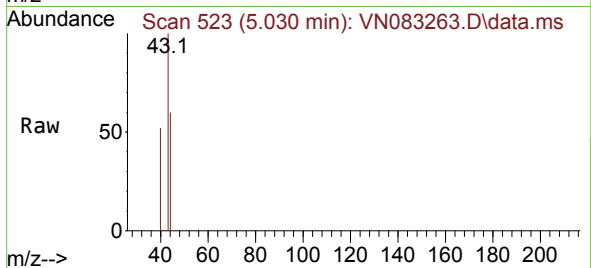
Tgt Ion: 76 Resp: 959
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



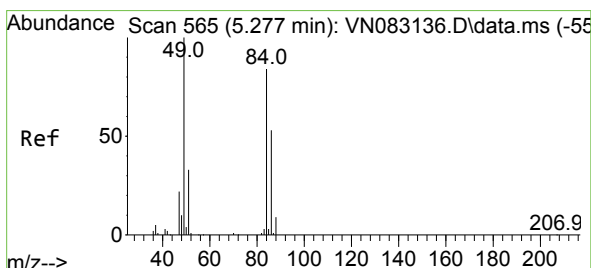
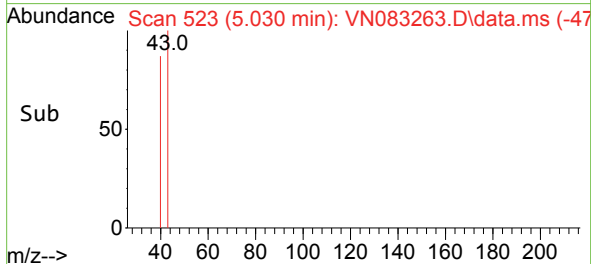
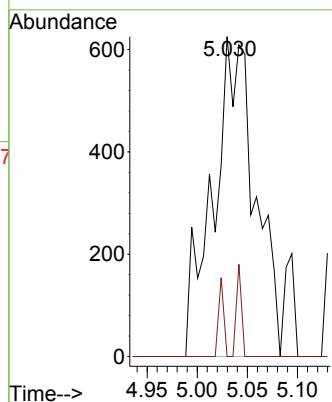


#18
Methyl Acetate
Concen: 0.810 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083263.D
Acq: 13 Aug 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :

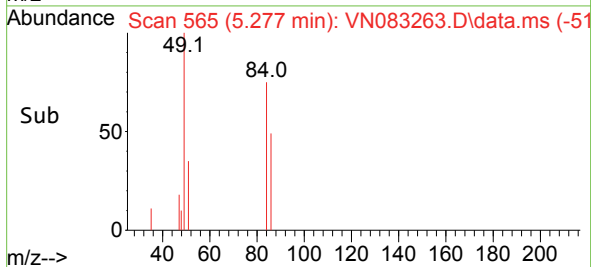
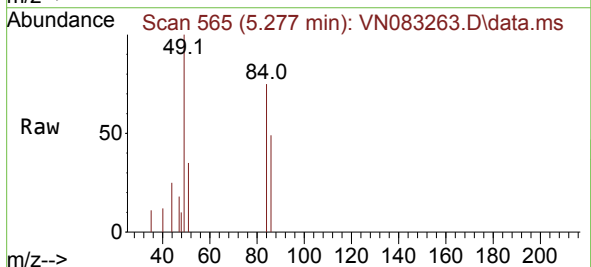
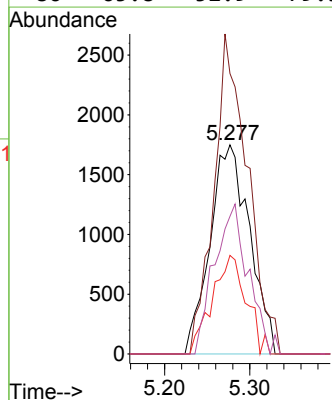


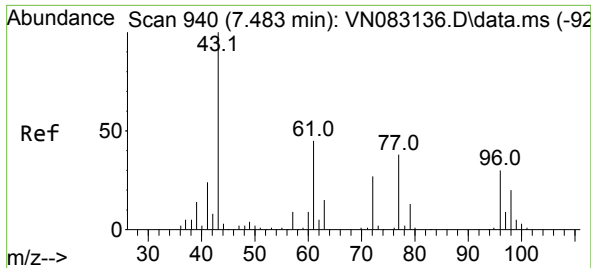
Tgt Ion: 43 Resp: 1824
Ion Ratio Lower Upper
43 100
74 3.0 16.3 24.5#



#20
Methylene Chloride
Concen: 3.254 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083263.D
Acq: 13 Aug 2024 17:20

Tgt Ion: 84 Resp: 5660
Ion Ratio Lower Upper
84 100
49 134.1 119.6 179.4
51 47.1 34.8 52.2
86 65.8 52.9 79.3

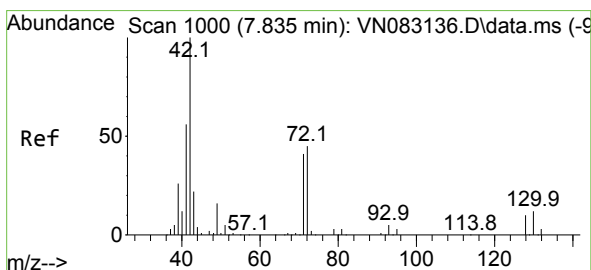
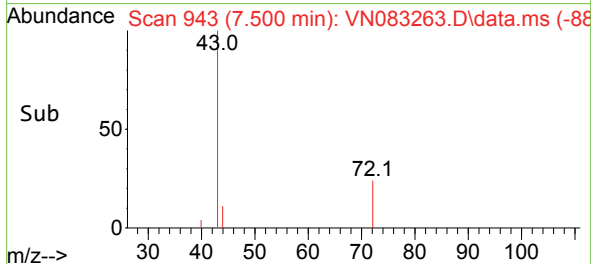
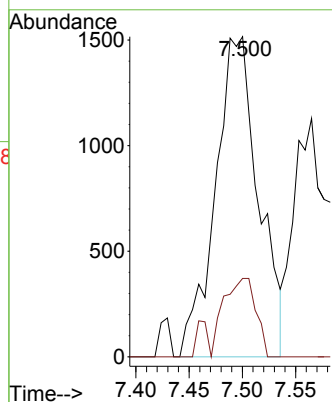
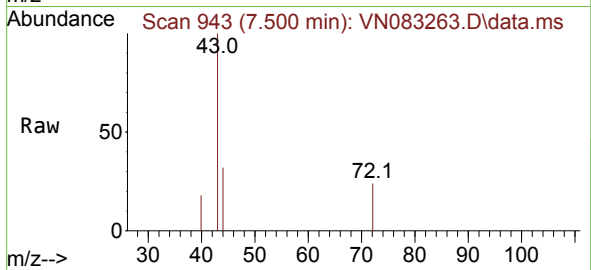




#25
2-Butanone
Concen: 3.689 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN083263.D
Acq: 13 Aug 2024 17:20

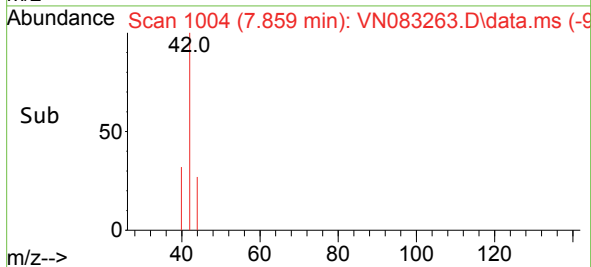
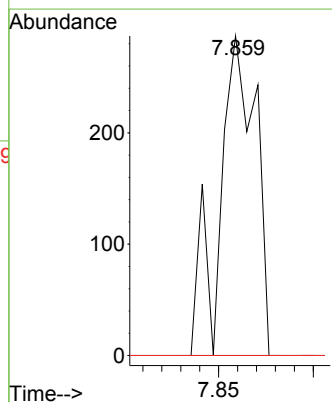
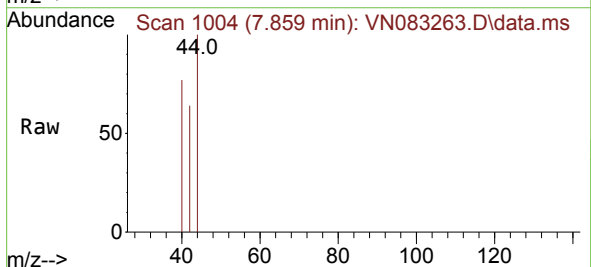
Instrument :
MSVOA_N
ClientSampleId :

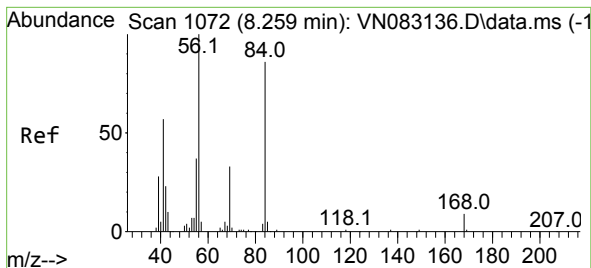
Tgt Ion: 43 Resp: 4281
Ion Ratio Lower Upper
43 100
72 24.5 18.2 27.2



#29
Tetrahydrofuran
Concen: 0.512 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.023 min
Lab File: VN083263.D
Acq: 13 Aug 2024 17:20

Tgt Ion: 42 Resp: 384
Ion Ratio Lower Upper
42 100
72 0.0 30.0 45.0#
71 0.0 28.3 42.5#





#31

Cyclohexane

Concen: 1.150 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

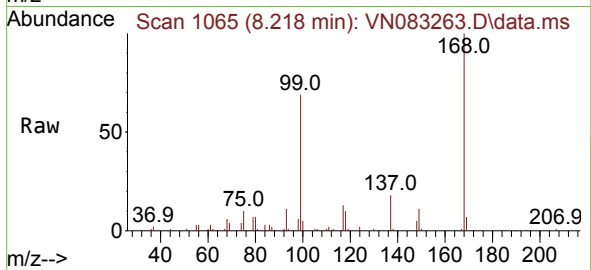
Lab File: VN083263.D

Acq: 13 Aug 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :



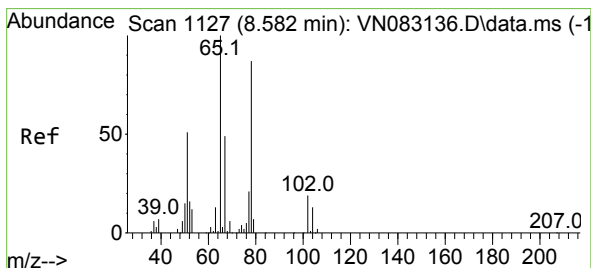
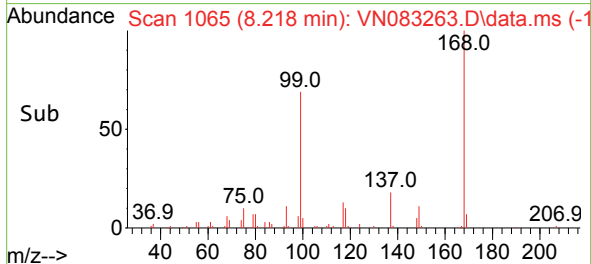
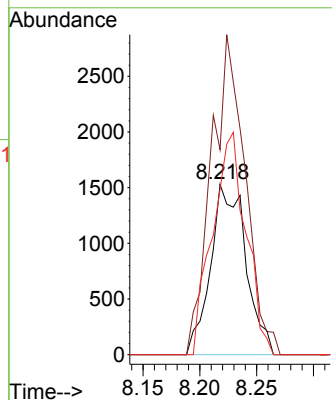
Tgt Ion: 56 Resp: 3291

Ion Ratio Lower Upper

56 100

69 120.4 24.5 36.7#

84 97.1 66.0 99.0



#33

1,2-Dichloroethane-d4

Concen: 56.537 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN083263.D

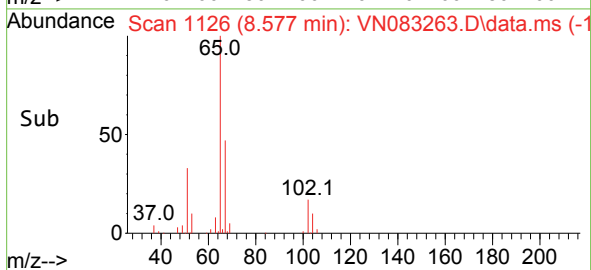
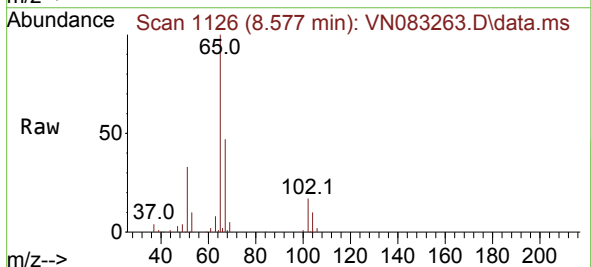
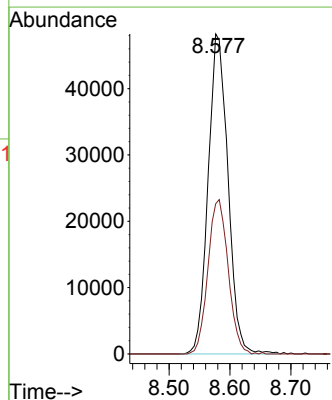
Acq: 13 Aug 2024 17:20

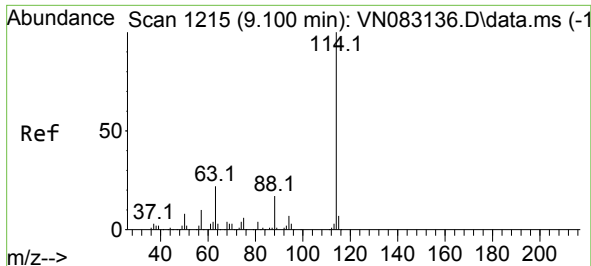
Tgt Ion: 65 Resp: 109210

Ion Ratio Lower Upper

65 100

67 49.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083263.D

Acq: 13 Aug 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

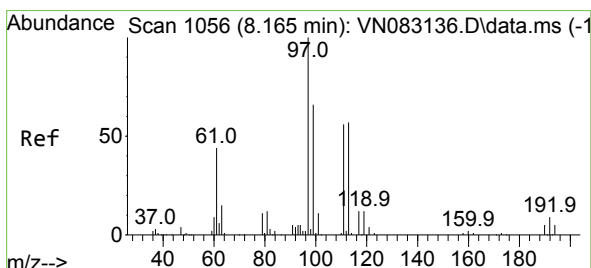
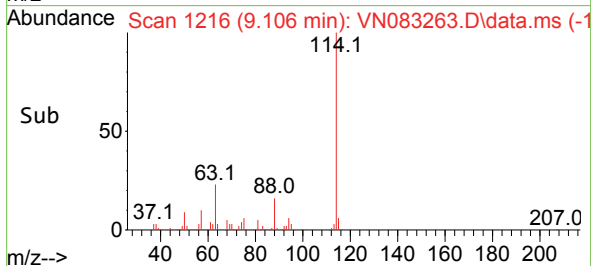
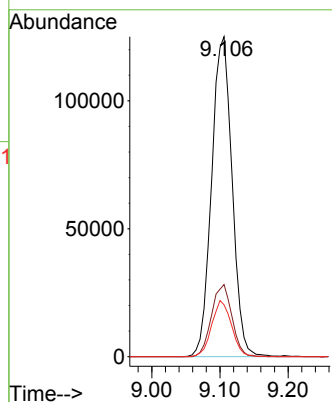
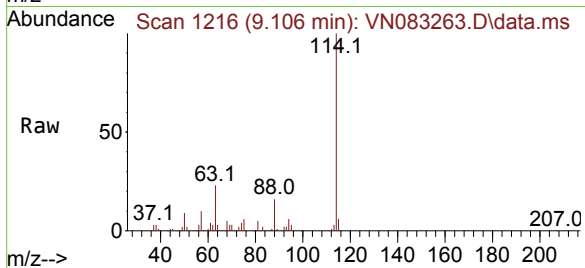
Tgt Ion:114 Resp: 261858

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.058 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083263.D

Acq: 13 Aug 2024 17:20

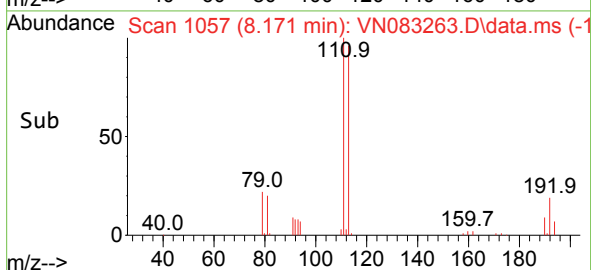
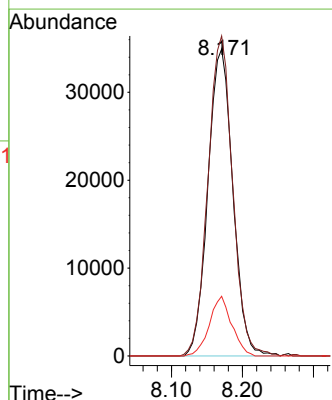
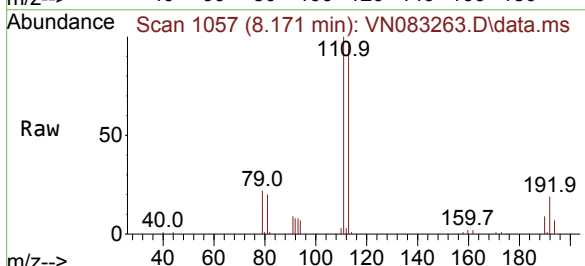
Tgt Ion:113 Resp: 85086

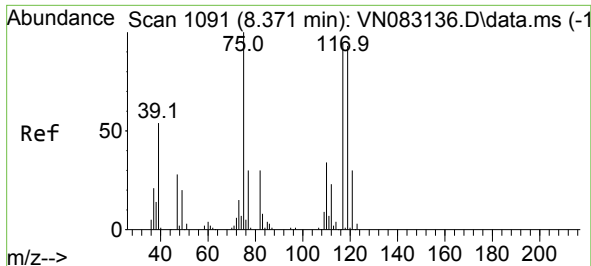
Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 17.5 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.850 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN083263.D

Acq: 13 Aug 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

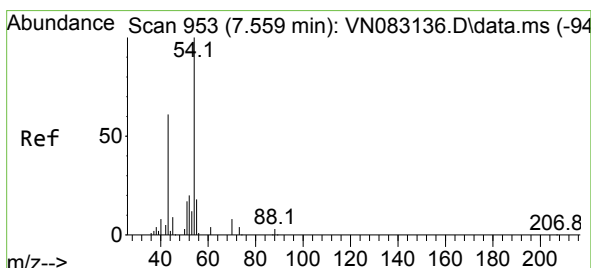
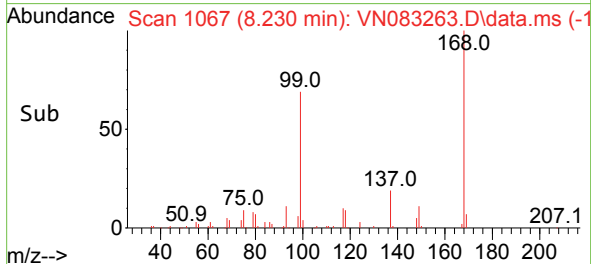
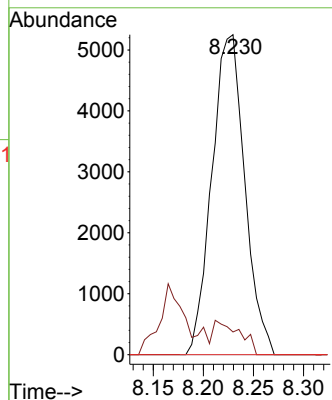
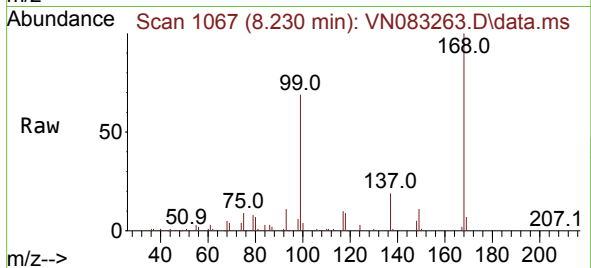
Tgt Ion: 75 Resp: 11991

Ion Ratio Lower Upper

75 100

110 8.5 16.3 48.9#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 0.989 ug/l

RT: 7.565 min Scan# 954

Delta R.T. 0.006 min

Lab File: VN083263.D

Acq: 13 Aug 2024 17:20

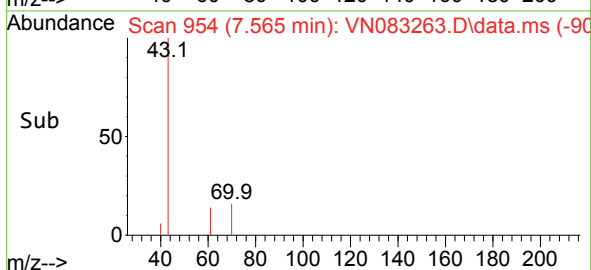
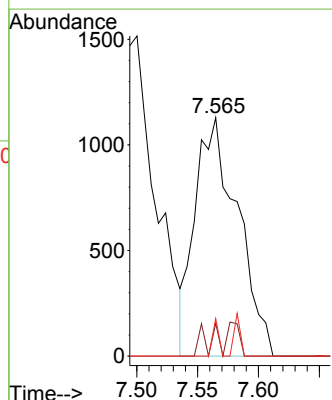
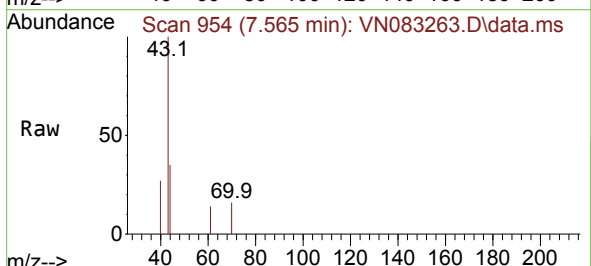
Tgt Ion: 43 Resp: 2739

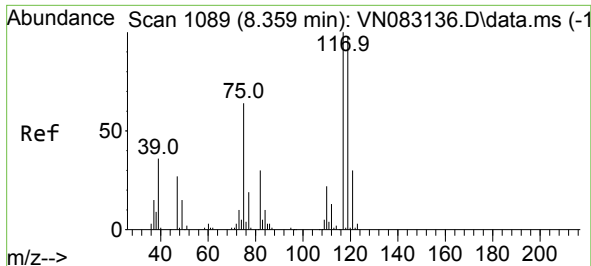
Ion Ratio Lower Upper

43 100

61 2.0 9.3 13.9#

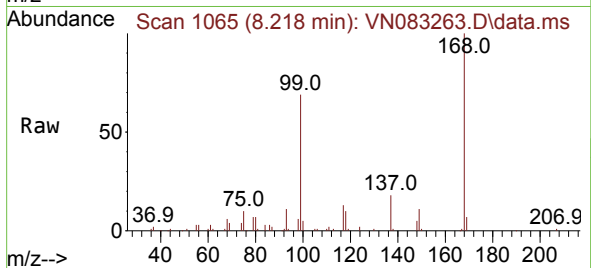
70 2.3 7.0 10.6#



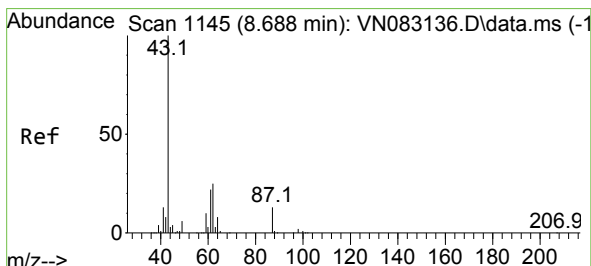
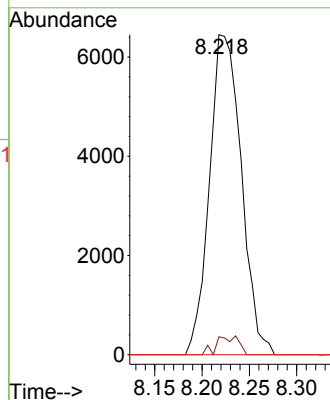
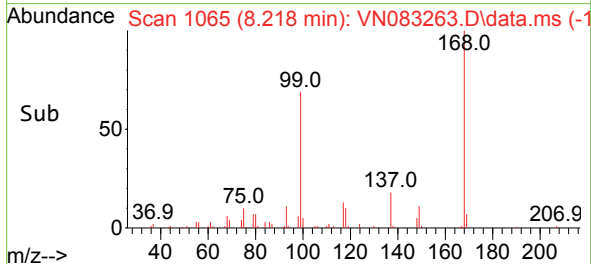


#38
Carbon Tetrachloride
Concen: 5.423 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083263.D
Acq: 13 Aug 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :

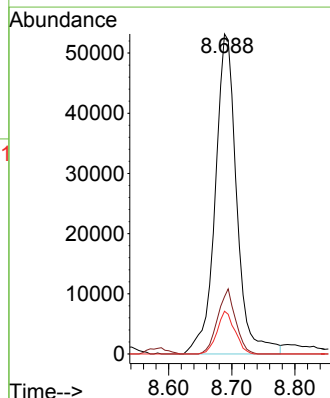
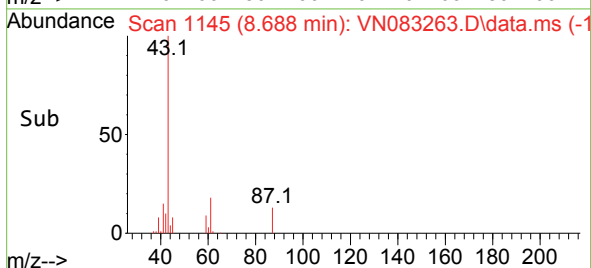
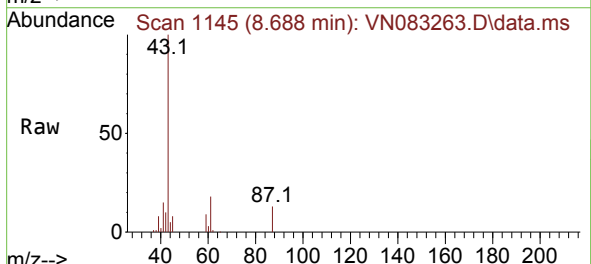


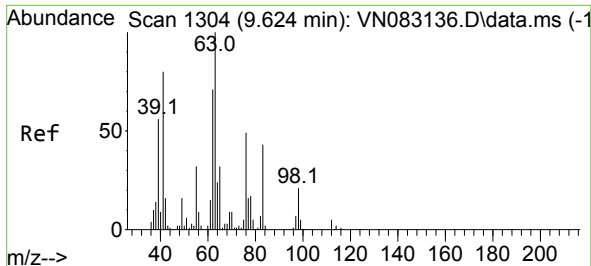
Tgt Ion:117 Resp: 15101
Ion Ratio Lower Upper
117 100
119 5.6 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 24.927 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083263.D
Acq: 13 Aug 2024 17:20

Tgt Ion: 43 Resp: 125652
Ion Ratio Lower Upper
43 100
61 16.9 17.8 26.6#
87 11.0 8.2 12.2





#45

1,2-Dichloropropane

Concen: 0.557 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.123 min

Lab File: VN083263.D

Acq: 13 Aug 2024 17:20

Instrument :

MSVOA_N

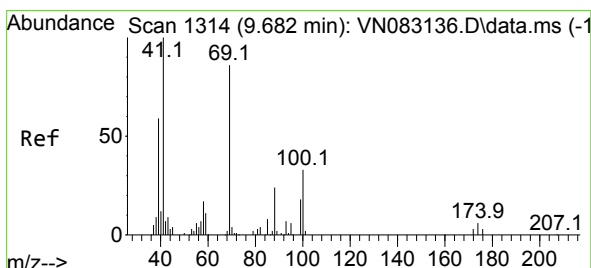
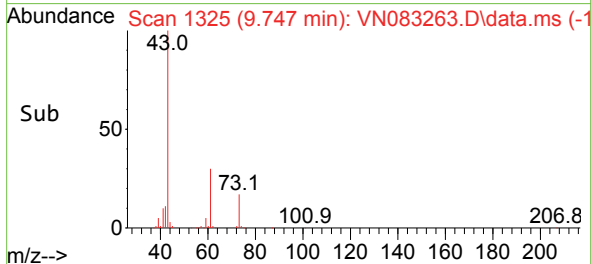
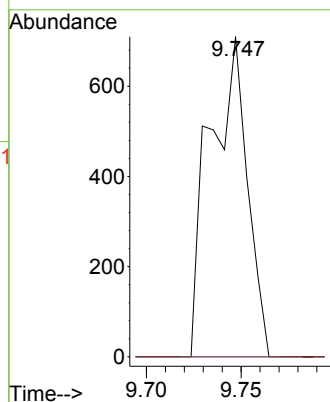
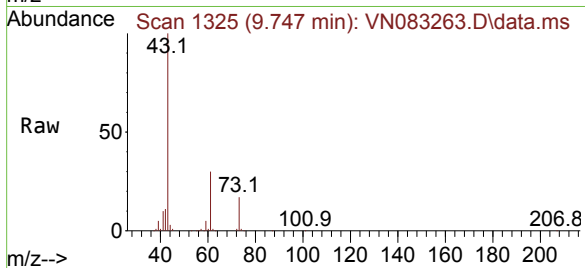
ClientSampleId :

Tgt Ion: 63 Resp: 974

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 1.260 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN083263.D

Acq: 13 Aug 2024 17:20

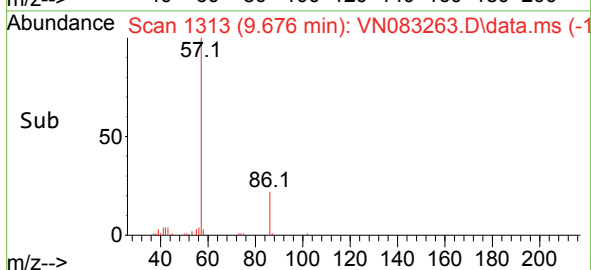
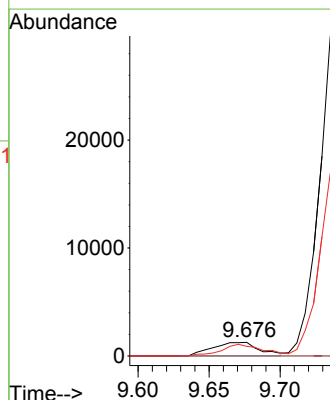
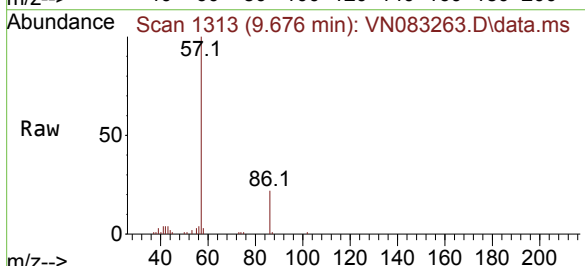
Tgt Ion: 41 Resp: 2884

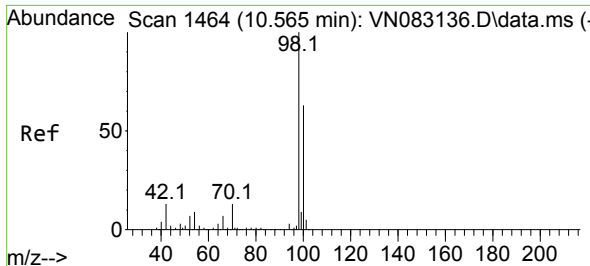
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 77.0 50.3 75.5#

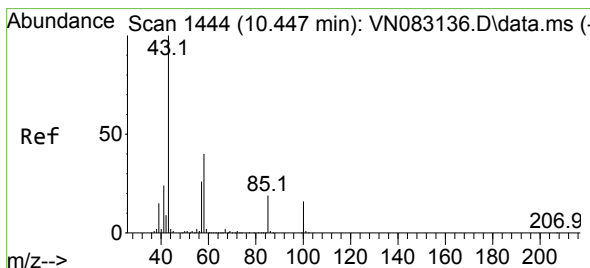
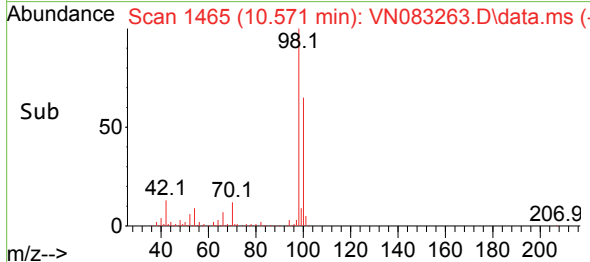
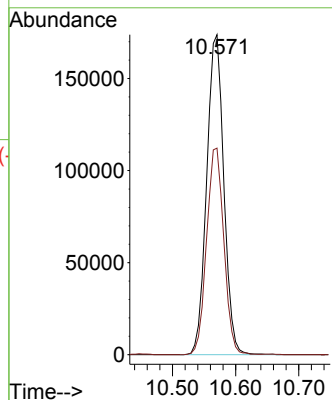
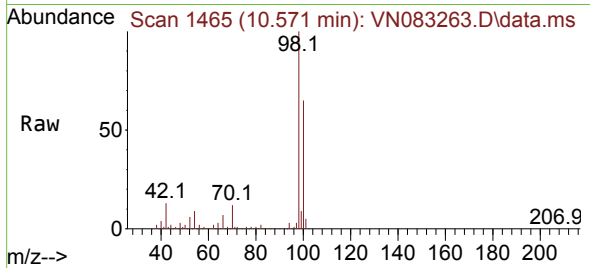




#50
Toluene-d8
Concen: 53.591 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083263.D
Acq: 13 Aug 2024 17:20

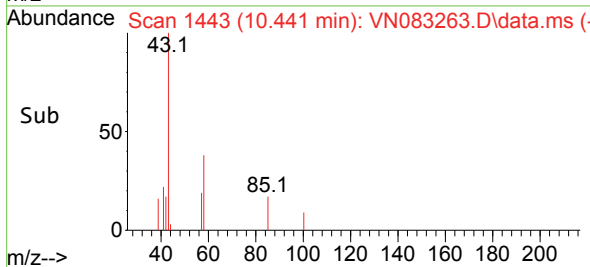
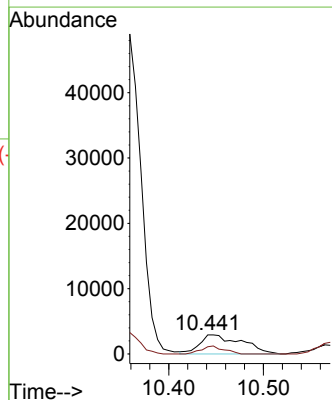
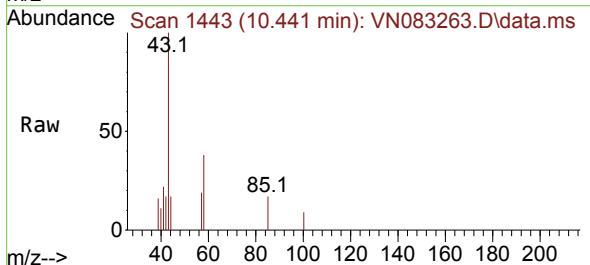
Instrument :
MSVOA_N
ClientSampleId :

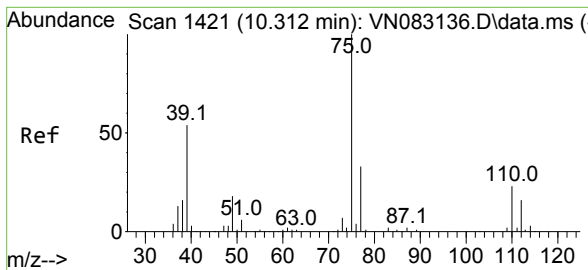
Tgt Ion: 98 Resp: 326738
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 3.477 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083263.D
Acq: 13 Aug 2024 17:20

Tgt Ion: 43 Resp: 9102
Ion Ratio Lower Upper
43 100
58 22.4 28.2 42.4#

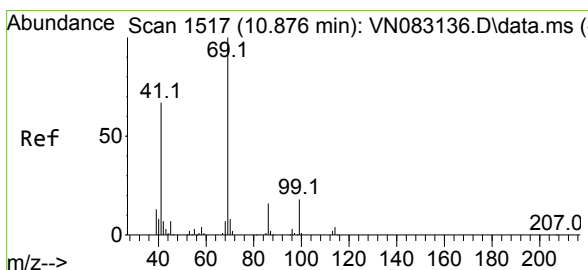
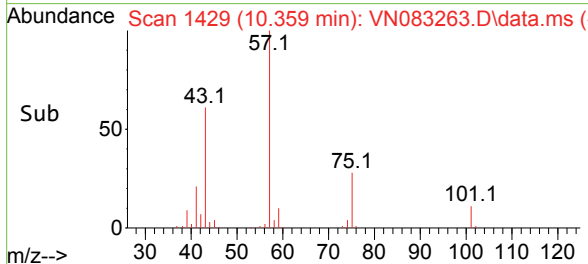
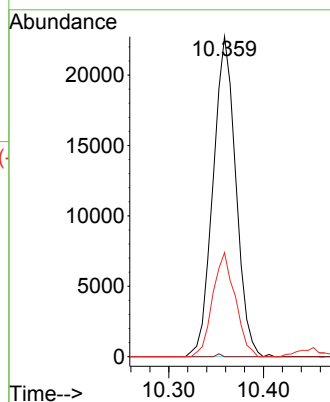
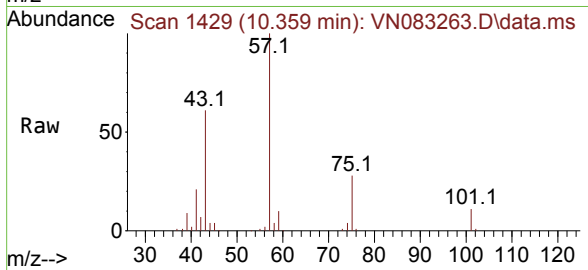




#54
 cis-1,3-Dichloropropene
 Concen: 12.384 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN083263.D
 Acq: 13 Aug 2024 17:20

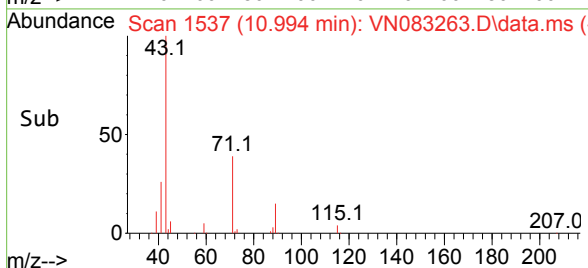
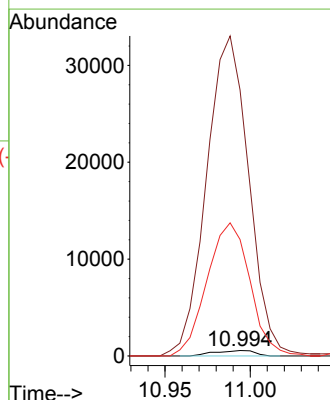
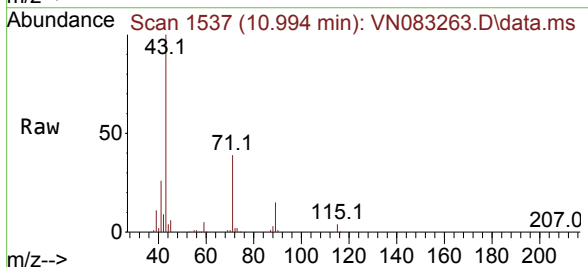
Instrument :
 MSVOA_N
 ClientSampleId :

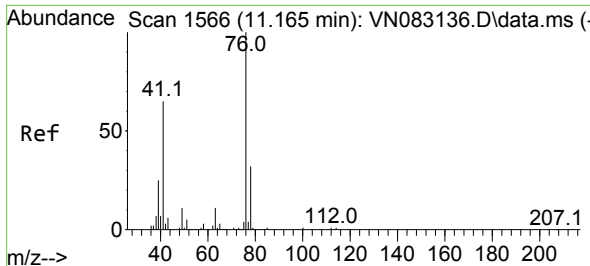
Tgt Ion: 75 Resp: 38019
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 32.5 50.5 75.7#



#56
 Ethyl methacrylate
 Concen: 0.294 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.118 min
 Lab File: VN083263.D
 Acq: 13 Aug 2024 17:20

Tgt Ion: 69 Resp: 925
 Ion Ratio Lower Upper
 69 100
 41 6173.7 63.4 95.2#
 39 2601.1 37.4 56.0#





#57

1,3-Dichloropropane

Concen: 1.166 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.041 min

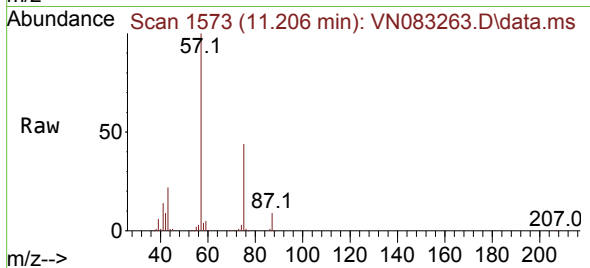
Lab File: VN083263.D

Acq: 13 Aug 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

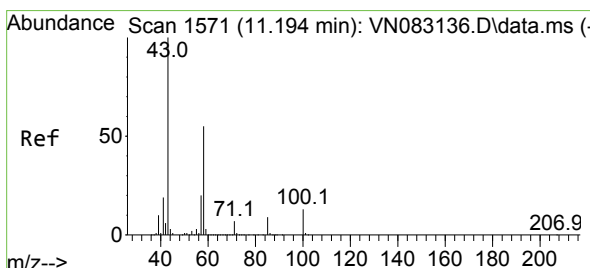
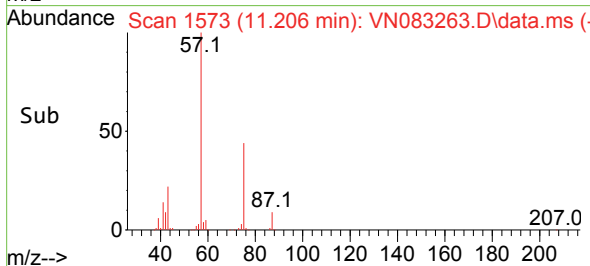
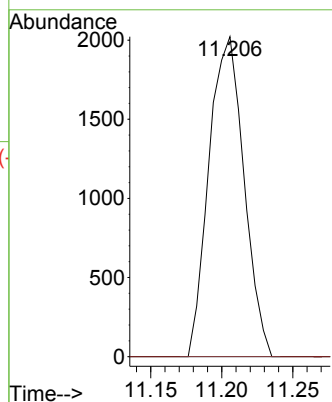


Tgt Ion: 76 Resp: 3467

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 53.024 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.024 min

Lab File: VN083263.D

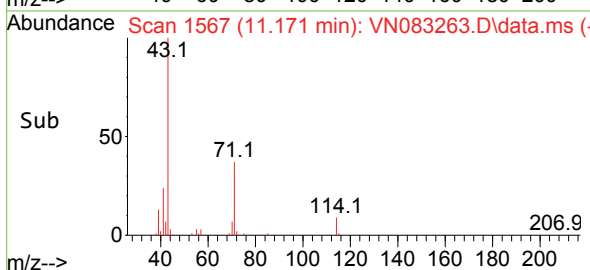
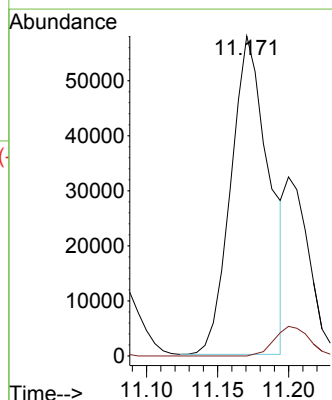
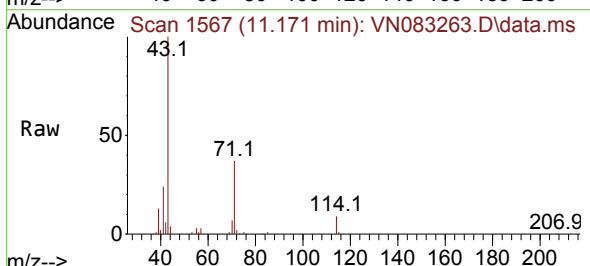
Acq: 13 Aug 2024 17:20

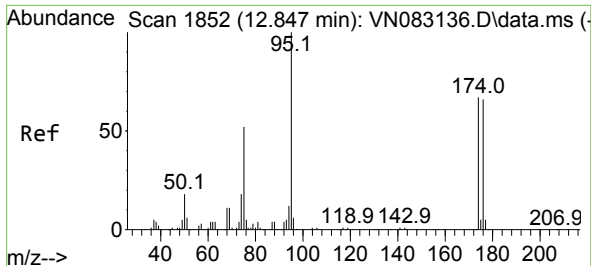
Tgt Ion: 43 Resp: 107389

Ion Ratio Lower Upper

43 100

58 0.0 24.6 73.8#

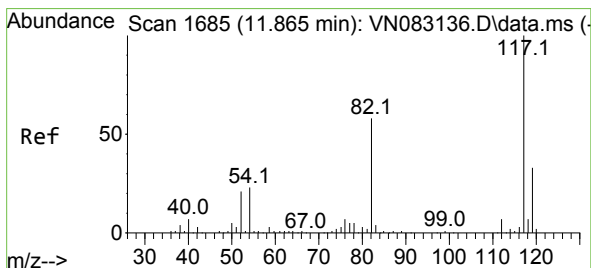
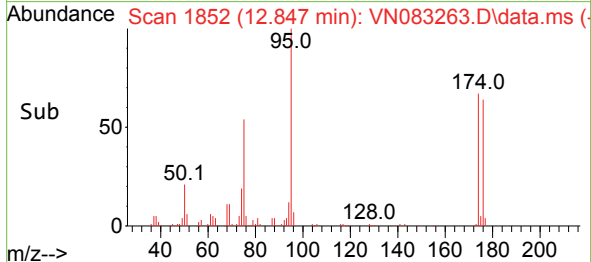
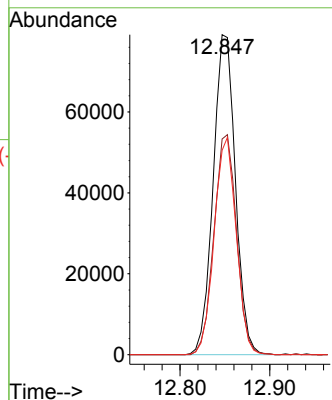
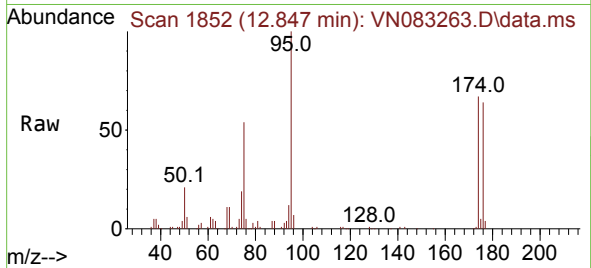




#62
4-Bromofluorobenzene
Concen: 57.273 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083263.D
Acq: 13 Aug 2024 17:20

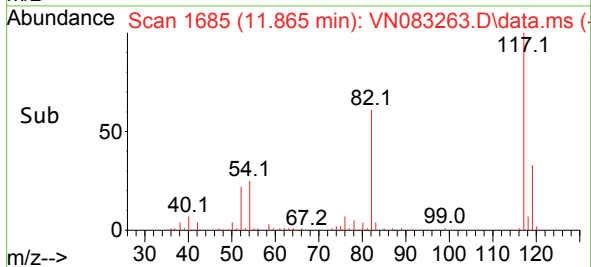
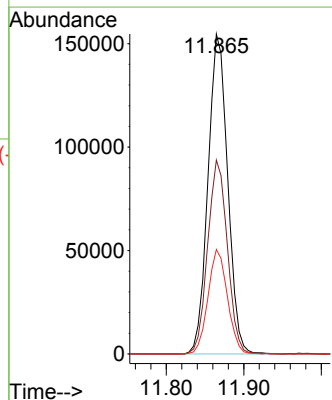
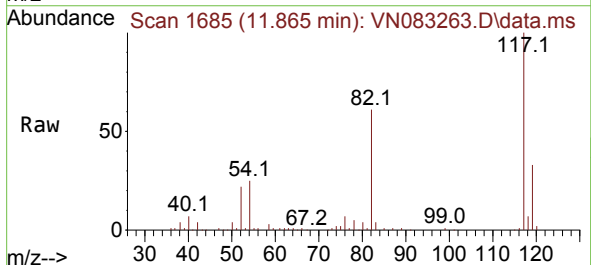
Instrument :
MSVOA_N
ClientSampleId :

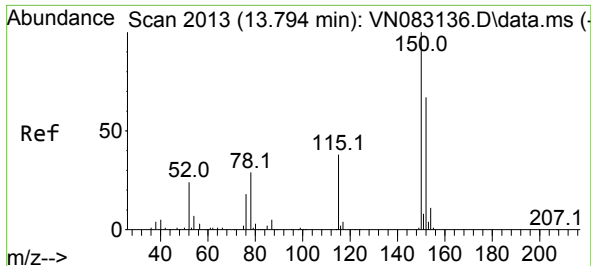
Tgt Ion: 95 Resp: 136135
Ion Ratio Lower Upper
95 100
174 69.8 0.0 159.2
176 67.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083263.D
Acq: 13 Aug 2024 17:20

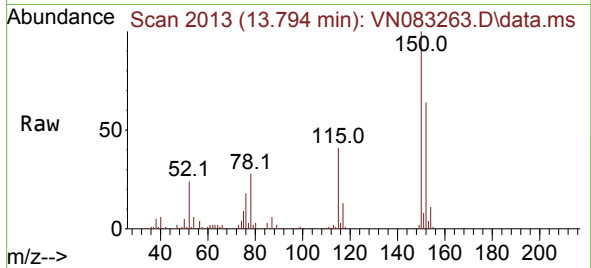
Tgt Ion: 117 Resp: 272888
Ion Ratio Lower Upper
117 100
82 60.6 47.5 71.3
119 32.7 25.6 38.4



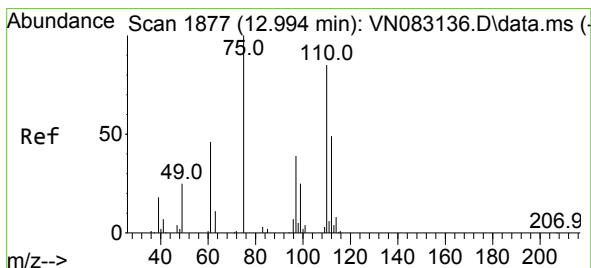
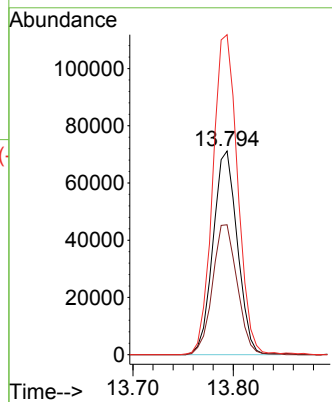
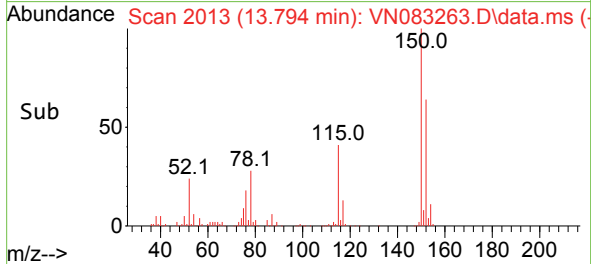


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083263.D
 Acq: 13 Aug 2024 17:20

Instrument :
 MSVOA_N
 ClientSampleId :

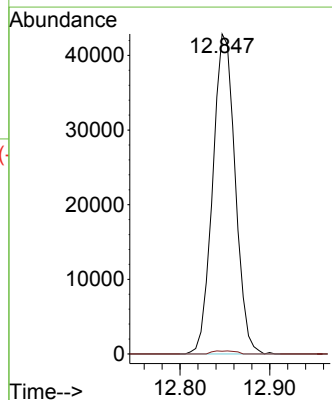
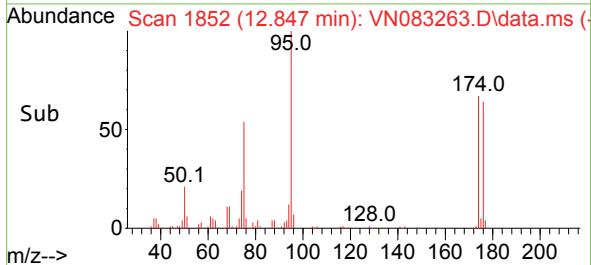
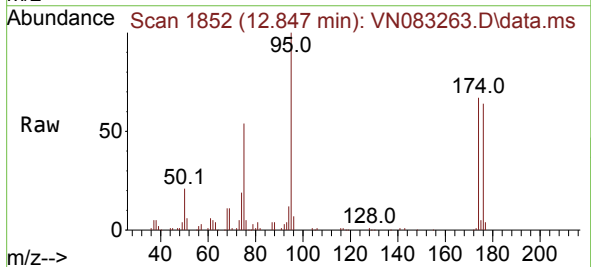


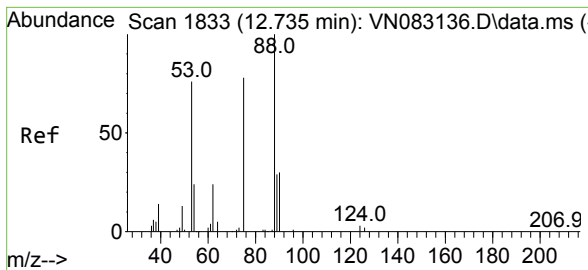
Tgt Ion:152 Resp: 119836
 Ion Ratio Lower Upper
 152 100
 115 64.9 30.6 91.6
 150 161.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.327 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083263.D
 Acq: 13 Aug 2024 17:20

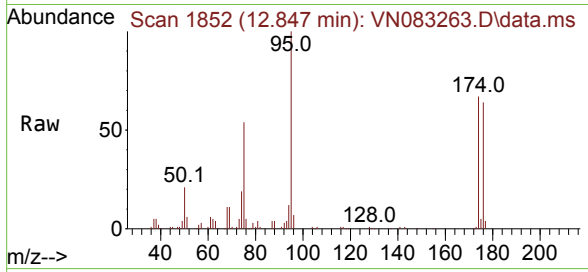
Tgt Ion: 75 Resp: 74504
 Ion Ratio Lower Upper
 75 100
 77 1.0 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.619 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083263.D
 Acq: 13 Aug 2024 17:20

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

