

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082961.D
 Acq On : 17 Jul 2024 14:22
 Operator : JC\MD
 Sample : PB162094TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162094TB

Quant Time: Jul 18 05:24:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

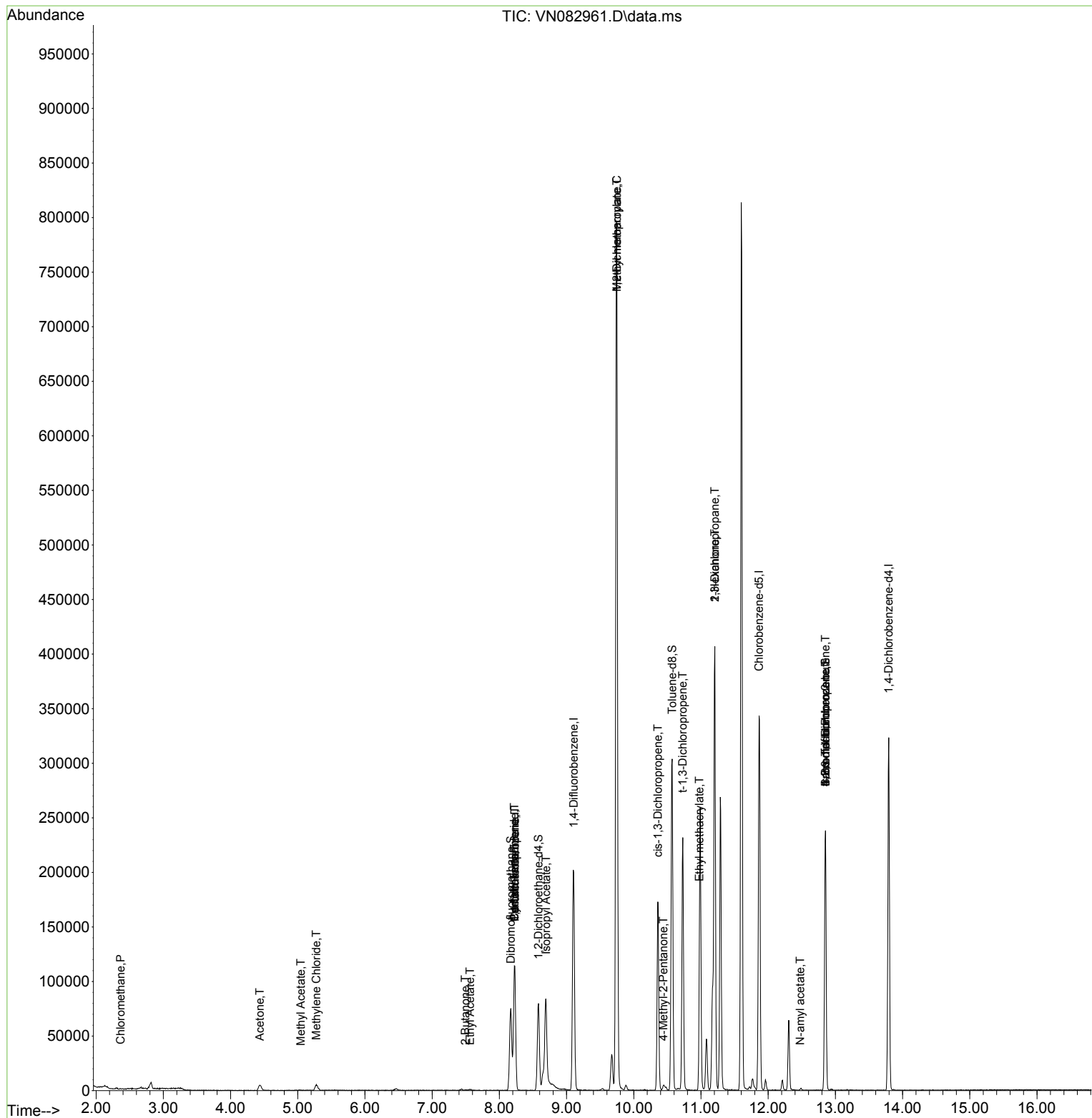
Internal Standards						
1) Pentafluorobenzene	8.230	168	82630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	172332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	195310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	65758	56.771	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.540%
35) Dibromofluoromethane	8.171	113	53232	48.138	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.280%
50) Toluene-d8	10.571	98	208697	51.098	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.200%
62) 4-Bromofluorobenzene	12.853	95	78162	53.276	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.560%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	228	0.225	ug/l #	43
16) Acetone	4.436	43	10211	25.039	ug/l	91
18) Methyl Acetate	5.047	43	637	0.590	ug/l #	56
20) Methylene Chloride	5.277	84	3725	3.782	ug/l	87
25) 2-Butanone	7.494	43	894	1.452	ug/l #	53
31) Cyclohexane	8.224	56	2216	1.463	ug/l #	28
36) 1,1-Dichloropropene	8.230	75	7418	4.865	ug/l #	48
37) Ethyl Acetate	7.565	43	1994	1.285	ug/l #	76
38) Carbon Tetrachloride	8.224	117	8962	4.882	ug/l #	17
43) Isopropyl Acetate	8.694	43	110426	36.955	ug/l #	88
45) 1,2-Dichloropropane	9.747	63	951	0.869	ug/l #	44
48) Methyl methacrylate	9.747	41	77221	63.447	ug/l #	52
51) 4-Methyl-2-Pentanone	10.441	43	6126	3.981	ug/l #	76
53) t-1,3-Dichloropropene	10.729	75	565	0.311	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	28927	15.052	ug/l #	61
56) Ethyl methacrylate	10.976	69	1142	0.681	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3795	1.990	ug/l #	43
59) 2-Hexanone	11.206	43	54200	47.374	ug/l #	59
71) Bromoform	12.853	173	718	0.613	ug/l #	1
74) N-amyl acetate	12.476	43	756	0.302	ug/l #	46
76) 1,2,3-Trichloropropane	12.853	75	44624	31.035	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	44624	61.036	ug/l #	6

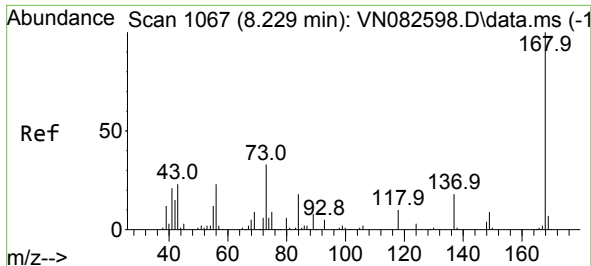
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
Data File : VN082961.D
Acq On : 17 Jul 2024 14:22
Operator : JC\MD
Sample : PB162094TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB162094TB

Quant Time: Jul 18 05:24:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

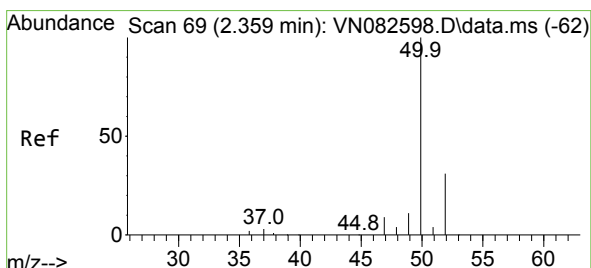
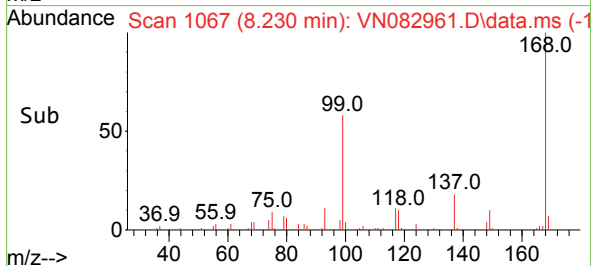
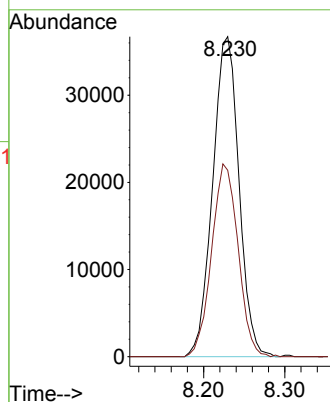
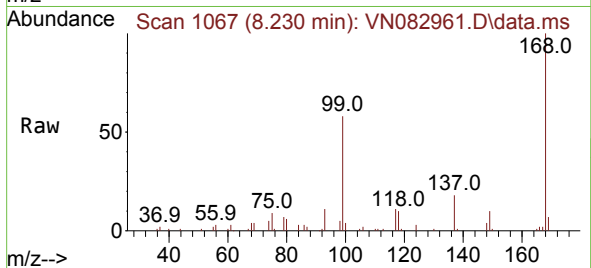




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

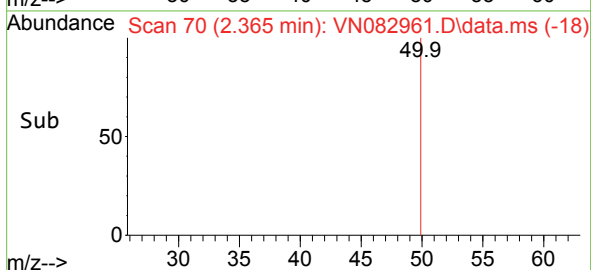
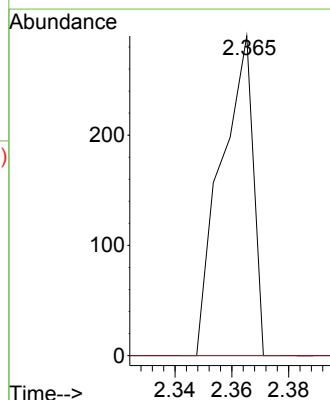
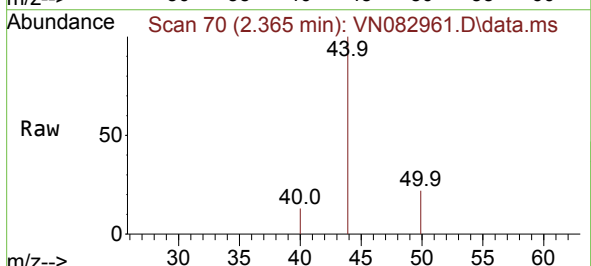
Instrument :
MSVOA_N
ClientSampleId :
PB162094TB

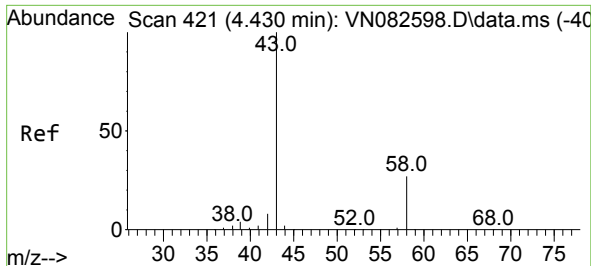
Tgt Ion:168 Resp: 82630
Ion Ratio Lower Upper
168 100
99 58.3 48.2 72.4



#3
Chloromethane
Concen: 0.225 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

Tgt Ion: 50 Resp: 228
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

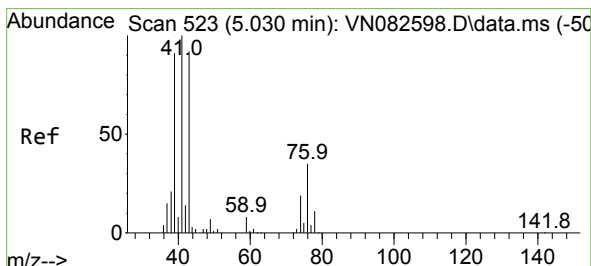
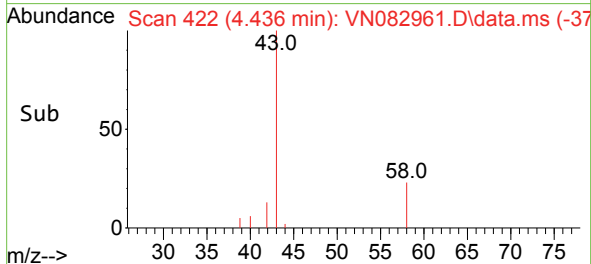
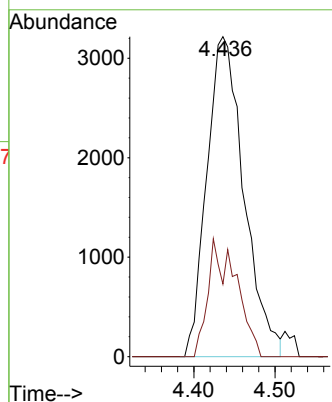
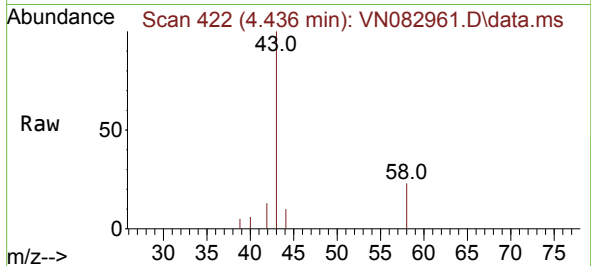




#16
Acetone
Concen: 25.039 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

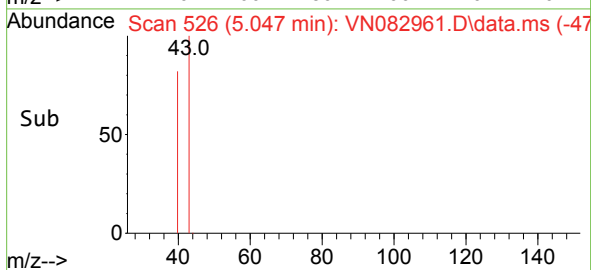
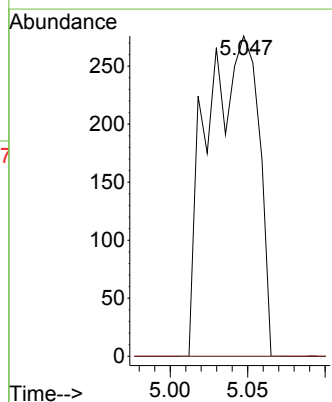
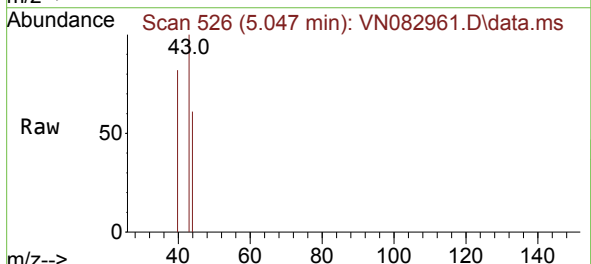
Instrument :
MSVOA_N
ClientSampleId :
PB162094TB

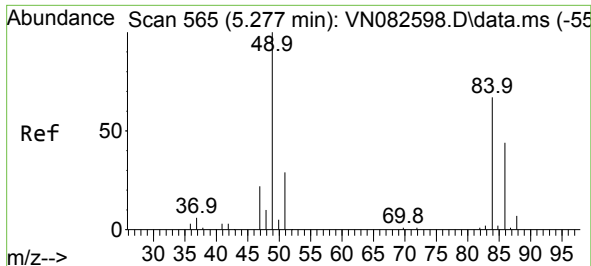
Tgt Ion: 43 Resp: 10211
Ion Ratio Lower Upper
43 100
58 22.7 21.8 32.6



#18
Methyl Acetate
Concen: 0.590 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.017 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

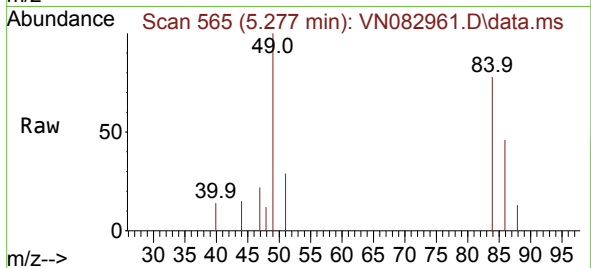
Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



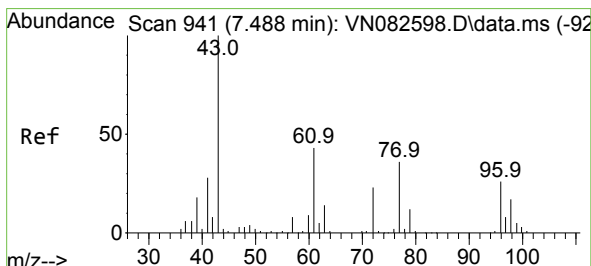
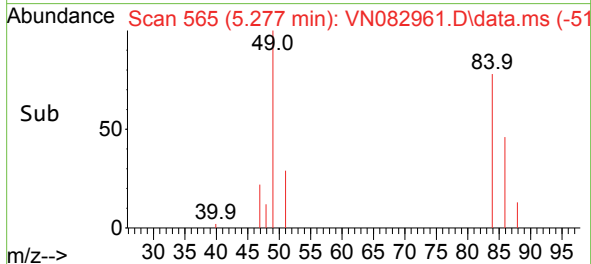
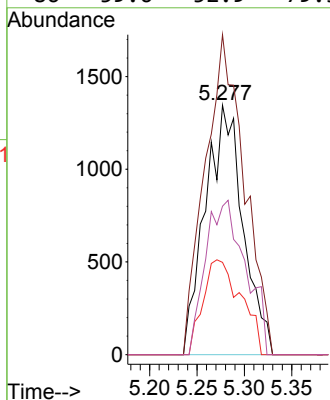


#20
Methylene Chloride
Concen: 3.782 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
PB162094TB

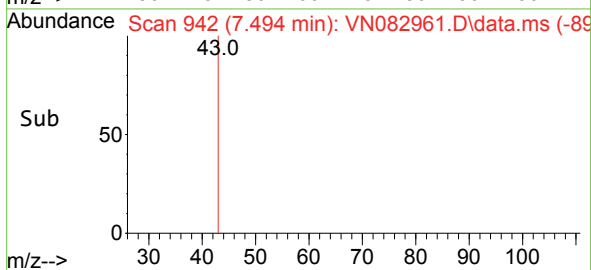
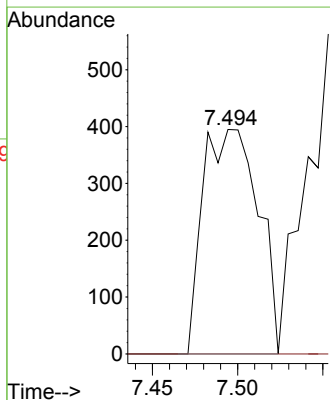
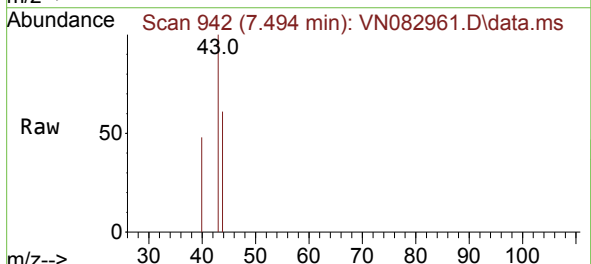


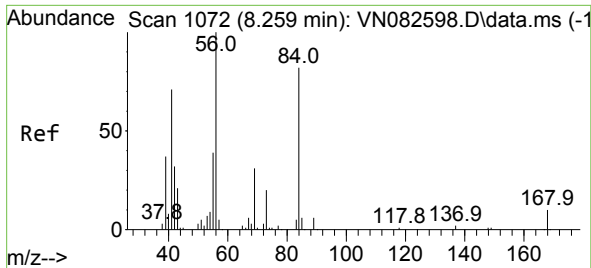
Tgt Ion:	84	Resp:	3725
Ion	Ratio	Lower	Upper
84	100		
49	128.3	119.6	179.4
51	37.0	34.8	52.2
86	59.6	52.9	79.3



#25
2-Butanone
Concen: 1.452 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

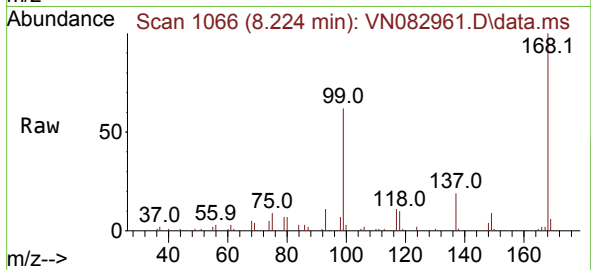
Tgt Ion:	43	Resp:	894
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#



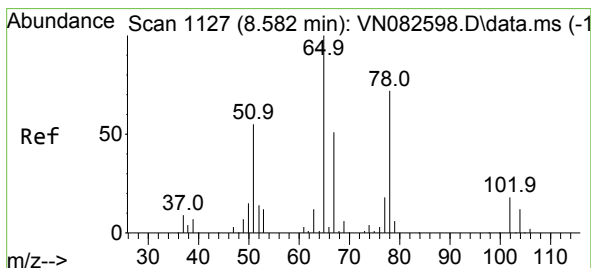
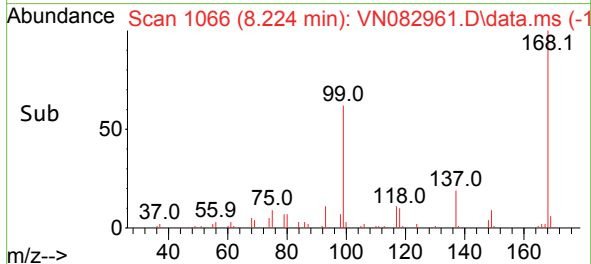
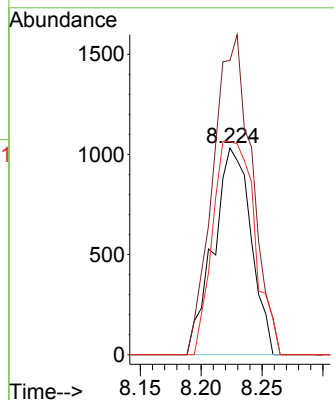


#31
Cyclohexane
Concen: 1.463 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
PB162094TB

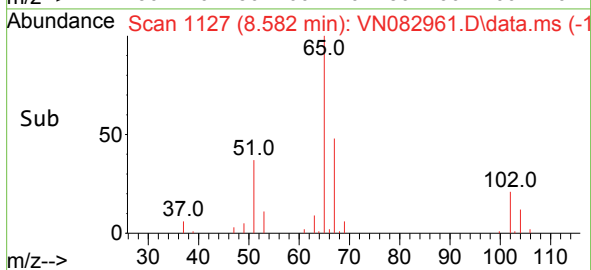
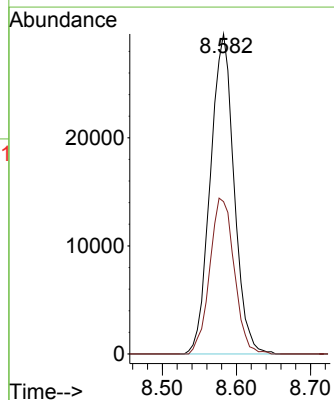
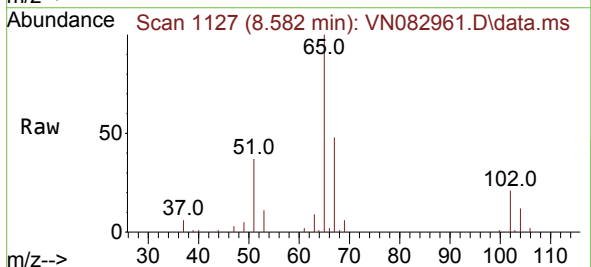


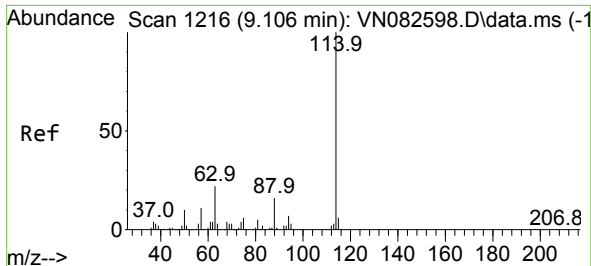
Tgt Ion: 56 Resp: 2216
Ion Ratio Lower Upper
56 100
69 142.3 24.5 36.7#
84 103.2 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.771 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

Tgt Ion: 65 Resp: 65758
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.4

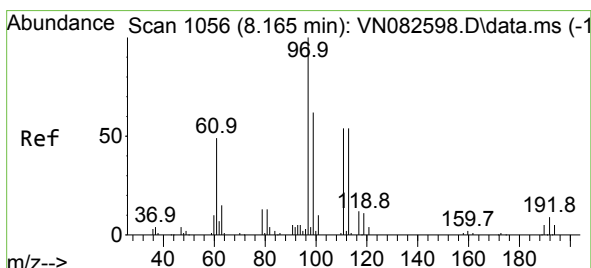
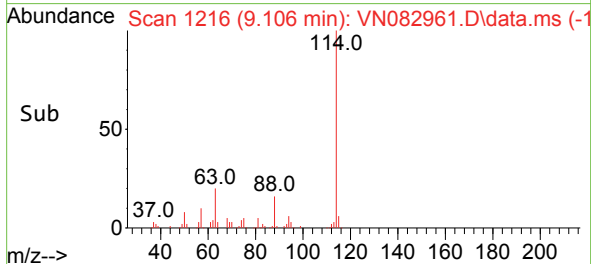
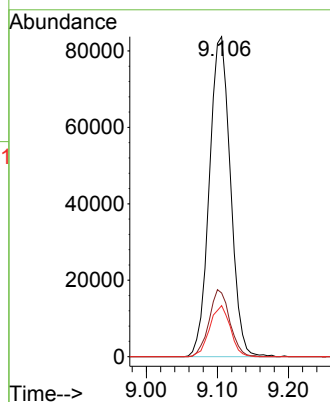
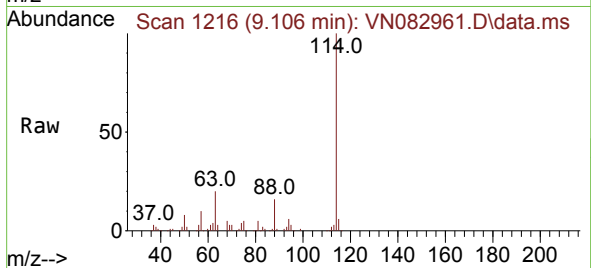




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

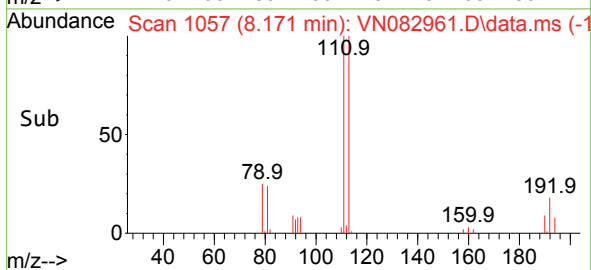
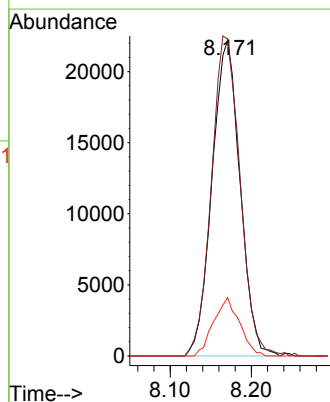
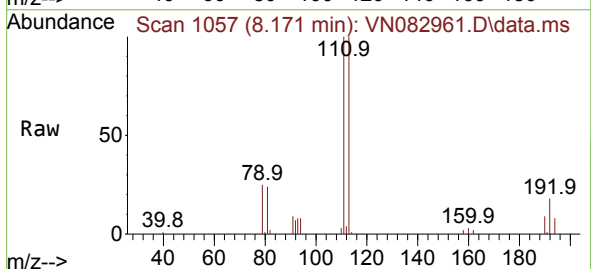
Instrument :
MSVOA_N
ClientSampleId :
PB162094TB

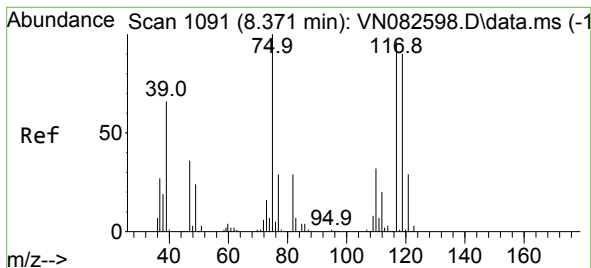
Tgt Ion:114 Resp: 172332
Ion Ratio Lower Upper
114 100
63 19.9 0.0 44.6
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.138 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

Tgt Ion:113 Resp: 53232
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 17.2 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.865 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082961.D

Acq: 17 Jul 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB162094TB

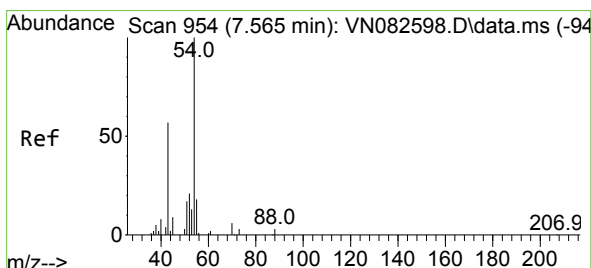
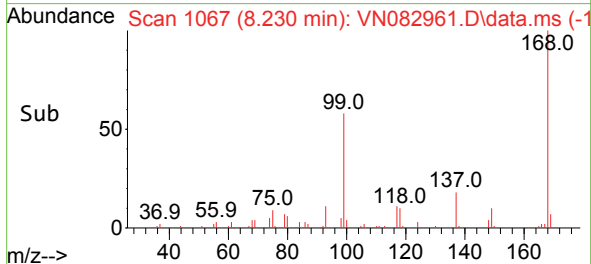
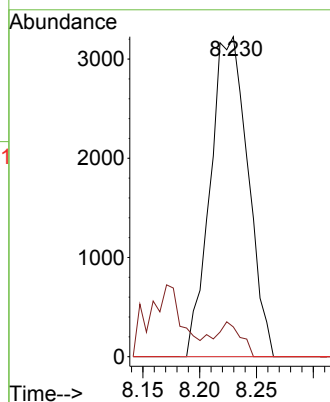
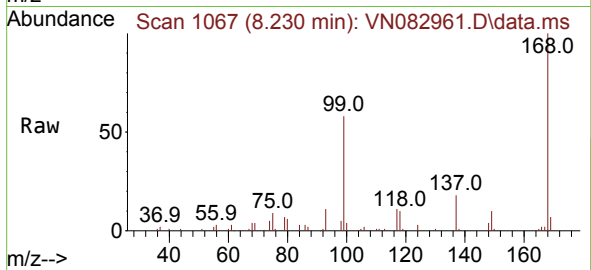
Tgt Ion: 75 Resp: 7418

Ion Ratio Lower Upper

75 100

110 6.0 16.3 48.9#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 1.285 ug/l

RT: 7.565 min Scan# 954

Delta R.T. -0.000 min

Lab File: VN082961.D

Acq: 17 Jul 2024 14:22

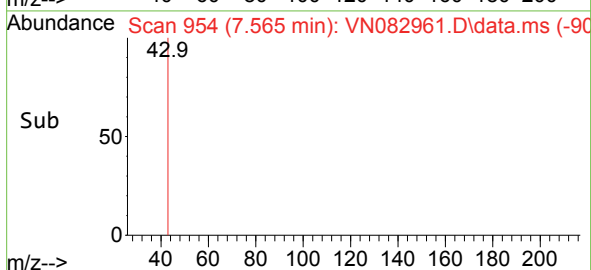
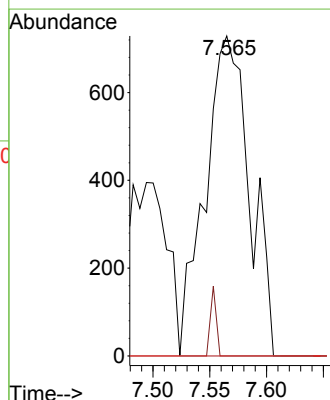
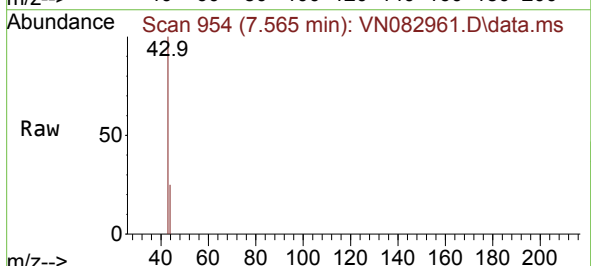
Tgt Ion: 43 Resp: 1994

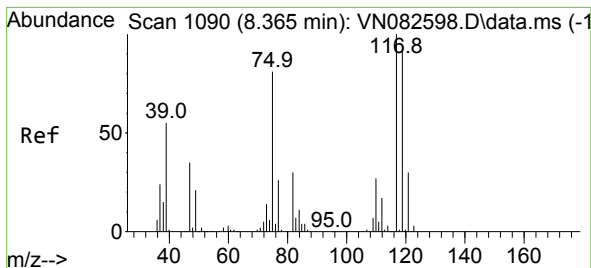
Ion Ratio Lower Upper

43 100

61 2.8 9.3 13.9#

70 0.0 7.0 10.6#





#38

Carbon Tetrachloride

Concen: 4.882 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082961.D

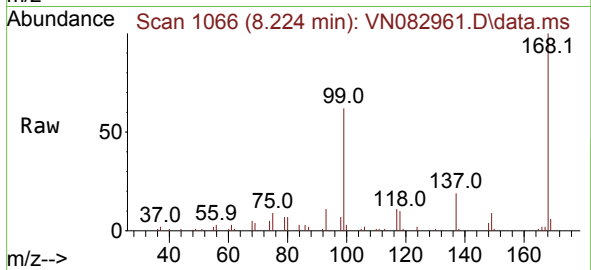
Acq: 17 Jul 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB162094TB



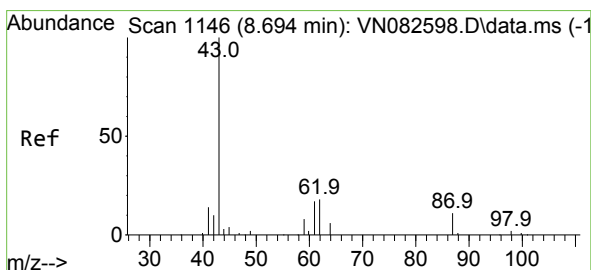
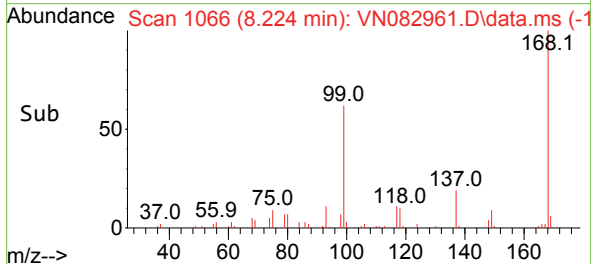
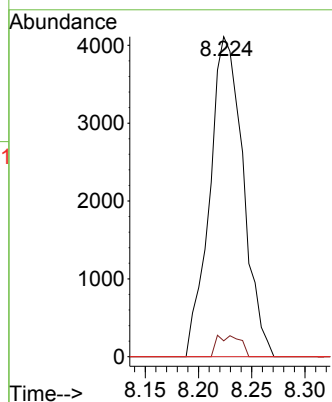
Tgt Ion:117 Resp: 8962

Ion Ratio Lower Upper

117 100

119 4.9 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 36.955 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082961.D

Acq: 17 Jul 2024 14:22

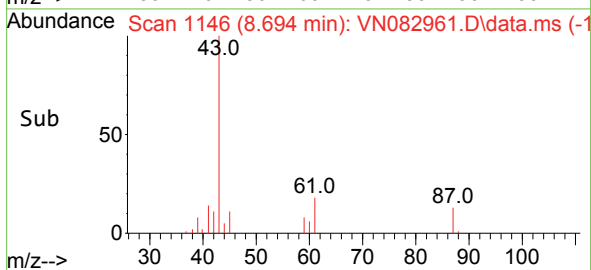
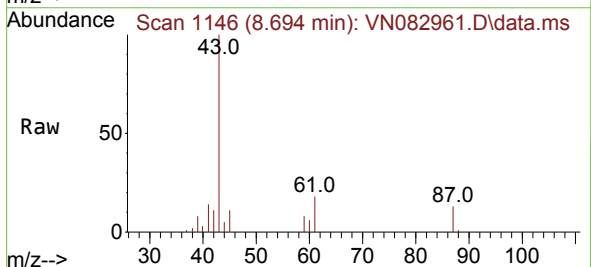
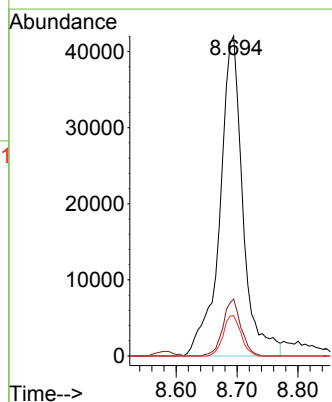
Tgt Ion: 43 Resp: 110426

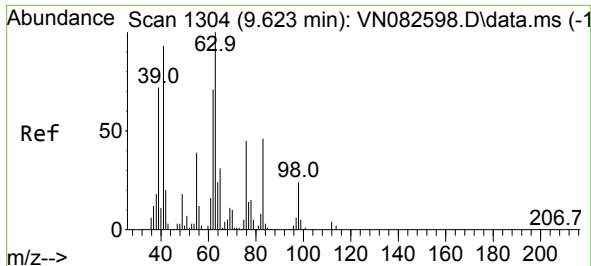
Ion Ratio Lower Upper

43 100

61 13.9 17.8 26.6#

87 9.7 8.2 12.2





#45

1,2-Dichloropropane

Concen: 0.869 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.124 min

Lab File: VN082961.D

Acq: 17 Jul 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

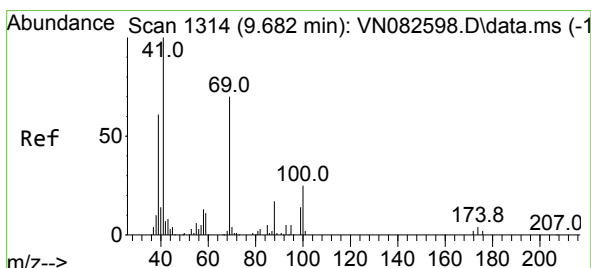
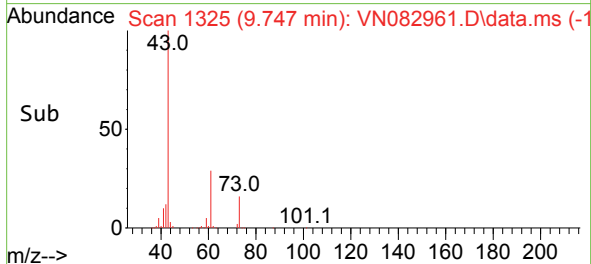
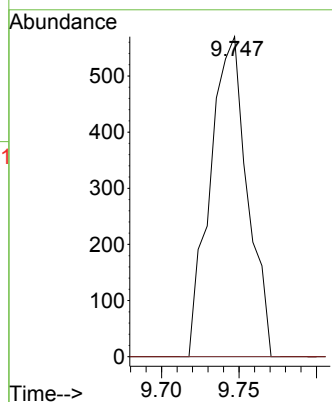
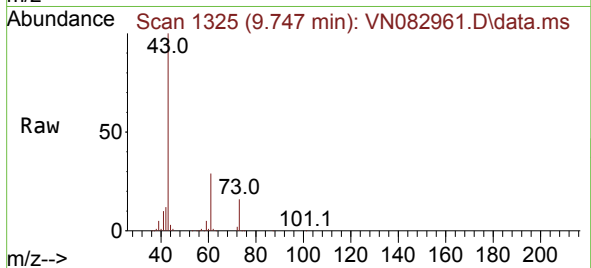
PB162094TB

Tgt Ion: 63 Resp: 951

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 63.447 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.065 min

Lab File: VN082961.D

Acq: 17 Jul 2024 14:22

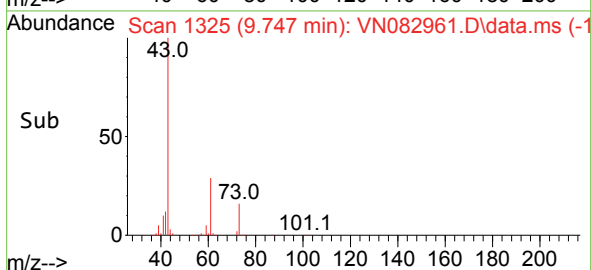
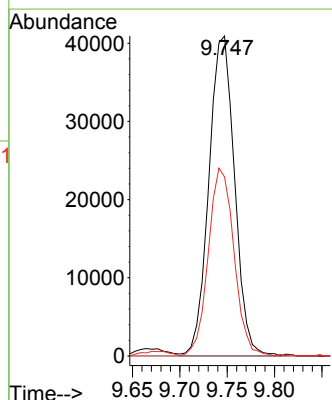
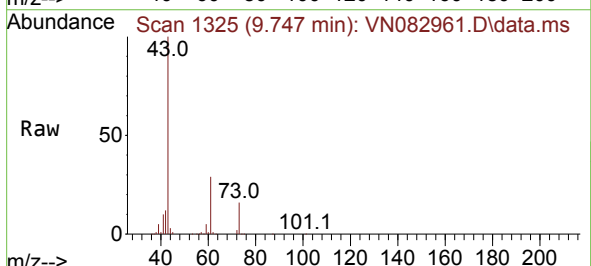
Tgt Ion: 41 Resp: 77221

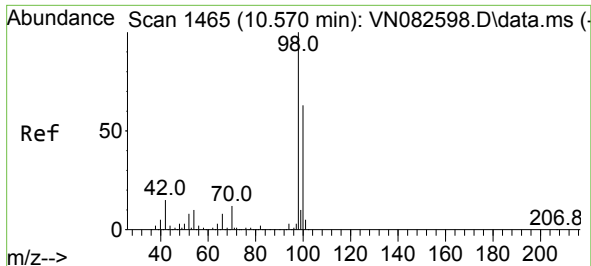
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 58.7 50.3 75.5

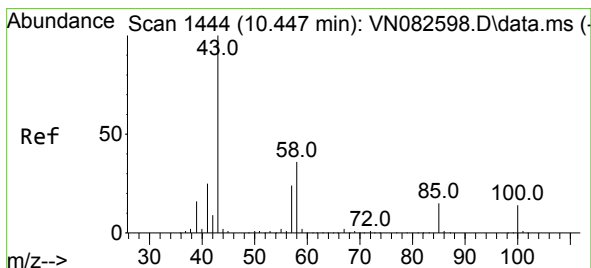
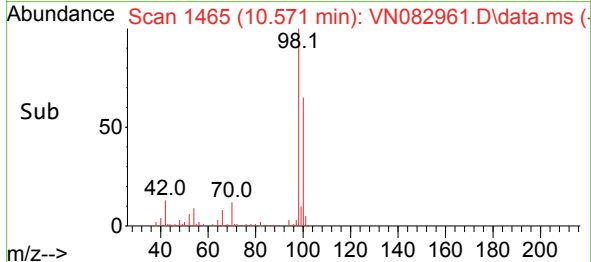
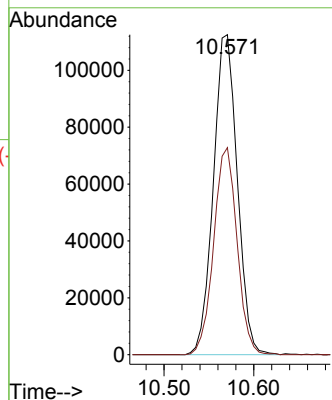
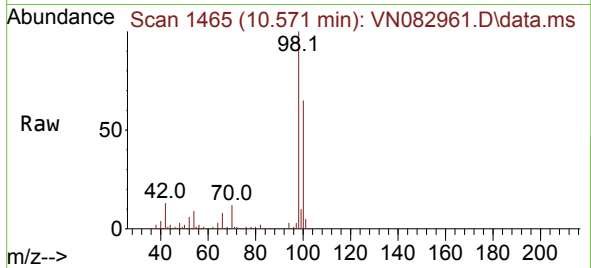




#50
Toluene-d8
Concen: 51.098 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

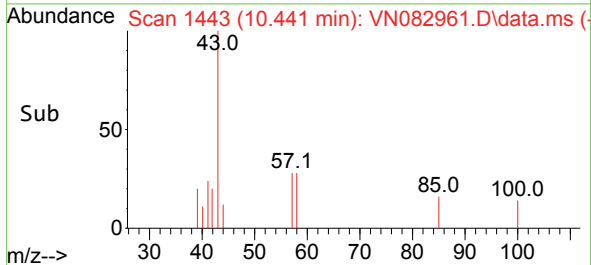
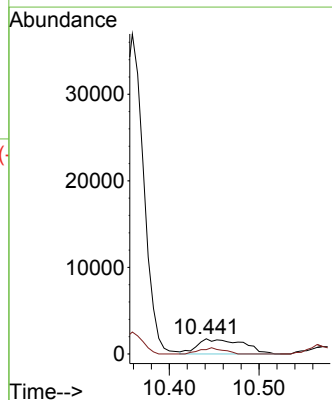
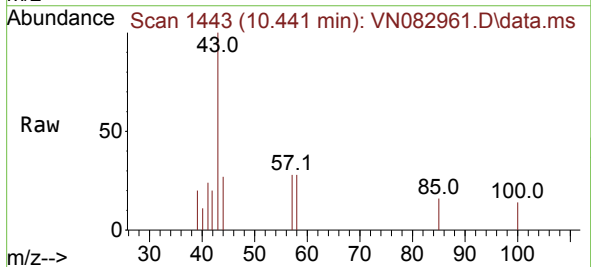
Instrument :
MSVOA_N
ClientSampleId :
PB162094TB

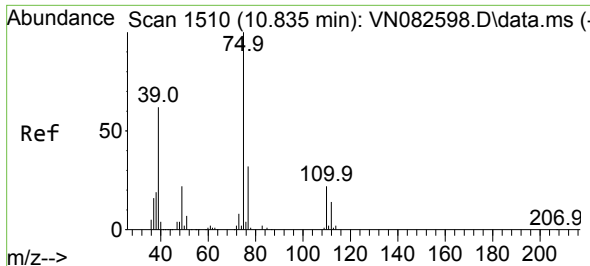
Tgt Ion: 98 Resp: 208697
Ion Ratio Lower Upper
98 100
100 63.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 3.981 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

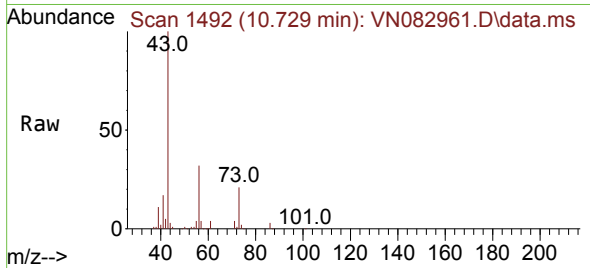
Tgt Ion: 43 Resp: 6126
Ion Ratio Lower Upper
43 100
58 21.3 28.2 42.4#



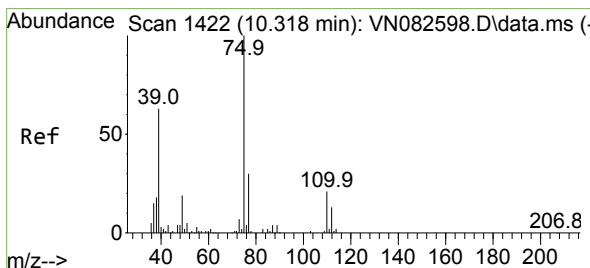
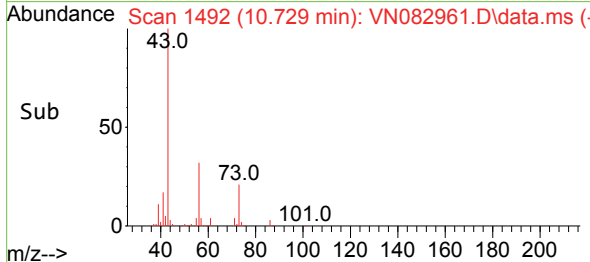
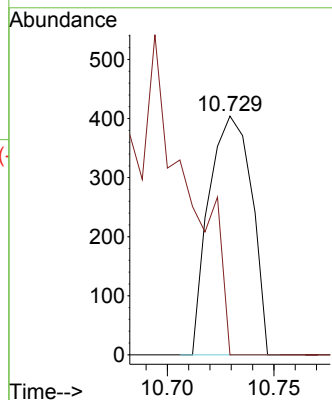


#53
 t-1,3-Dichloropropene
 Concen: 0.311 ug/l
 RT: 10.729 min Scan# 1492
 Delta R.T. -0.106 min
 Lab File: VN082961.D
 Acq: 17 Jul 2024 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162094TB

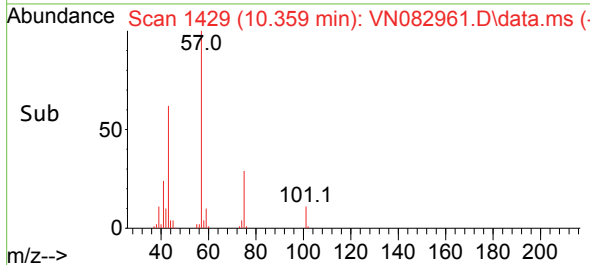
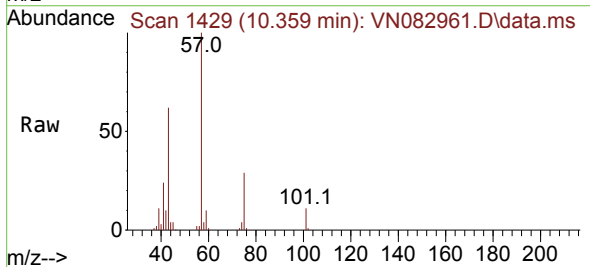
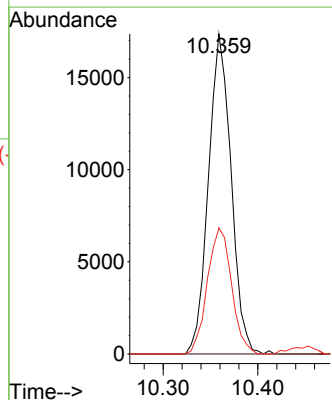


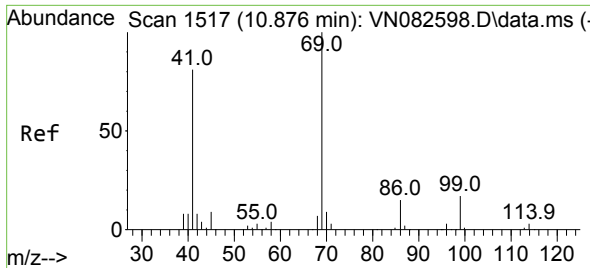
Tgt Ion: 75 Resp: 565
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 15.052 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN082961.D
 Acq: 17 Jul 2024 14:22

Tgt Ion: 75 Resp: 28927
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 39.4 50.5 75.7#

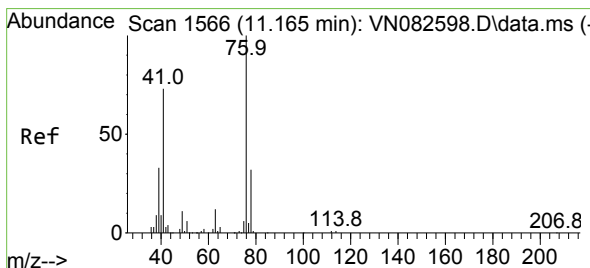
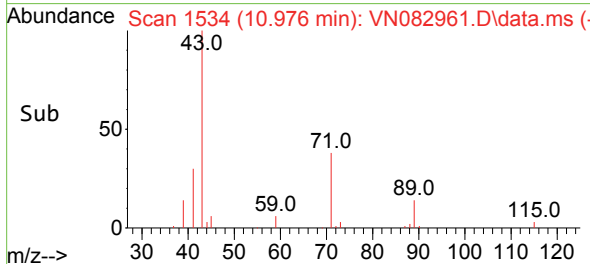
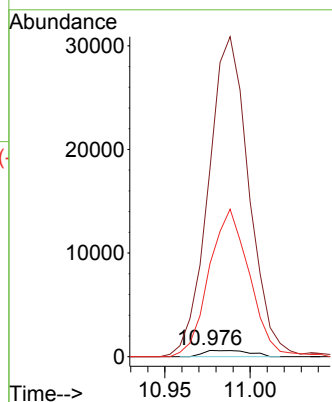
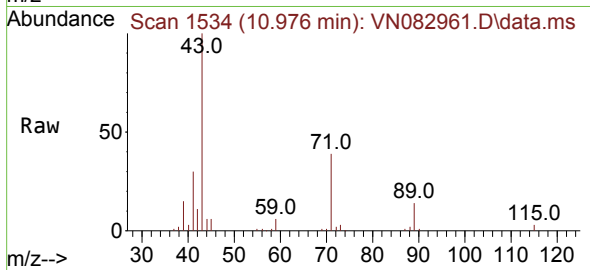




#56
Ethyl methacrylate
Concen: 0.681 ug/l
RT: 10.976 min Scan# 1142
Delta R.T. 0.100 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

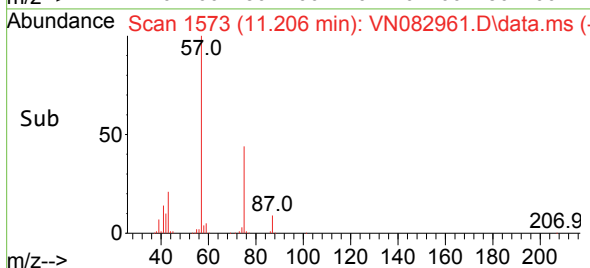
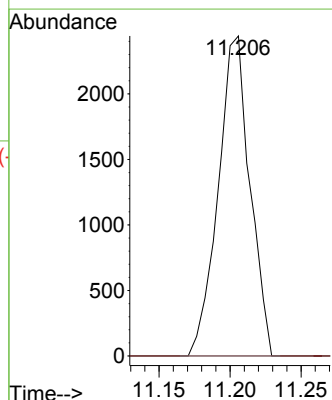
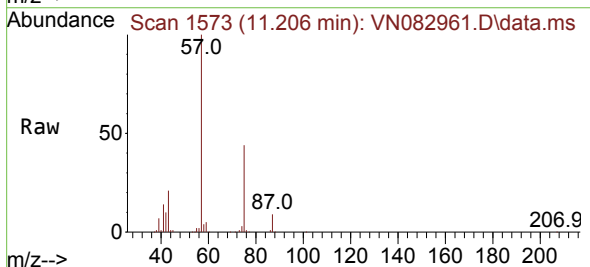
Instrument :
MSVOA_N
ClientSampleId :
PB162094TB

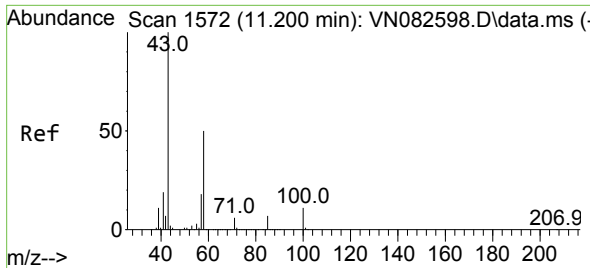
Tgt Ion: 69 Resp: 1142
Ion Ratio Lower Upper
69 100
41 4501.8 63.4 95.2#
39 2070.1 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.990 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

Tgt Ion: 76 Resp: 3795
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

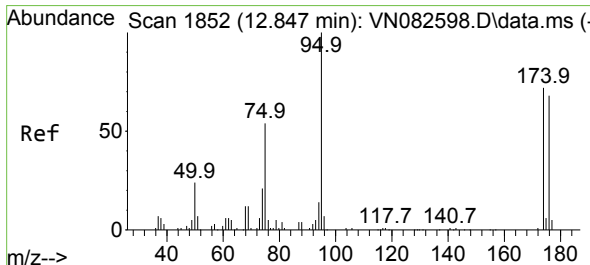
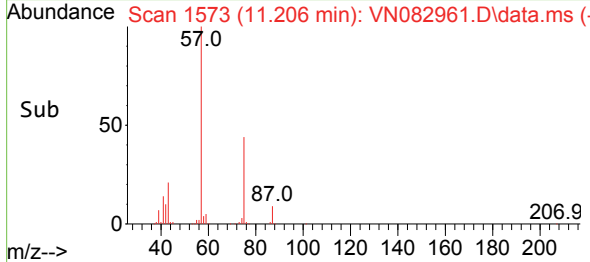
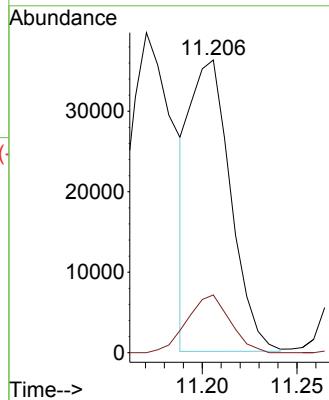
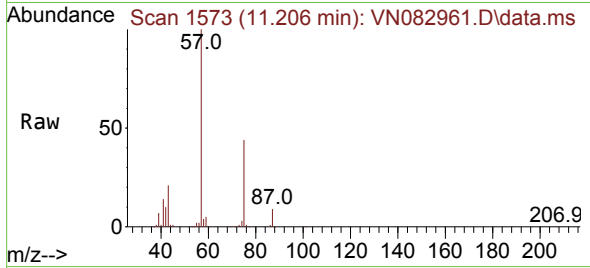




#59
2-Hexanone
Concen: 47.374 ug/l
RT: 11.206 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

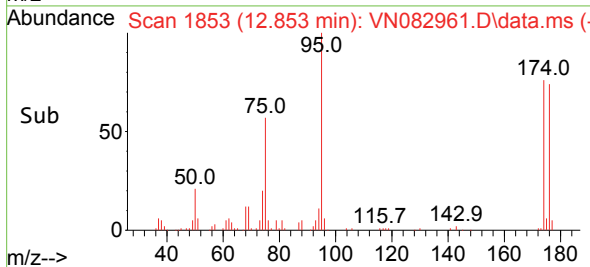
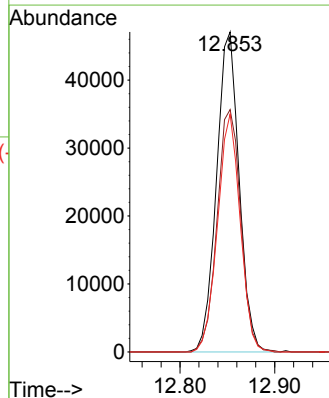
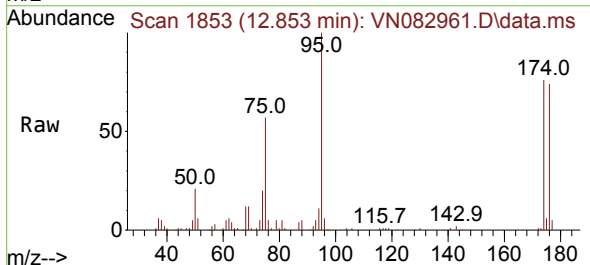
Instrument :
MSVOA_N
ClientSampleId :
PB162094TB

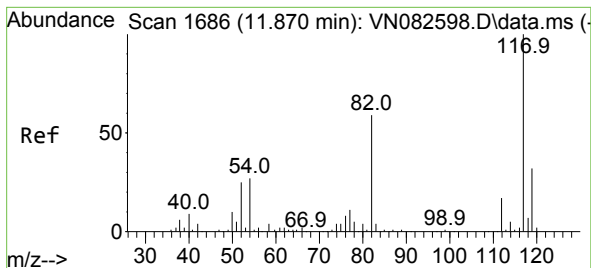
Tgt Ion: 43 Resp: 54200
Ion Ratio Lower Upper
43 100
58 20.9 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 53.276 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

Tgt Ion: 95 Resp: 78162
Ion Ratio Lower Upper
95 100
174 79.2 0.0 159.2
176 74.1 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082961.D

Acq: 17 Jul 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB162094TB

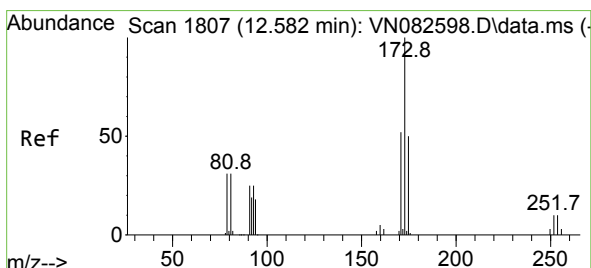
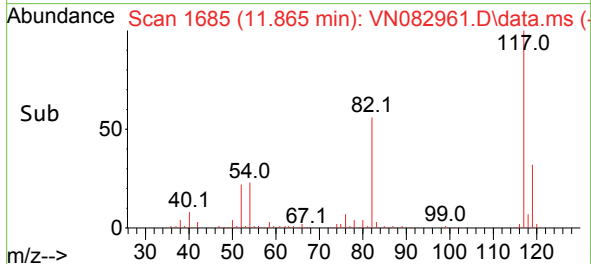
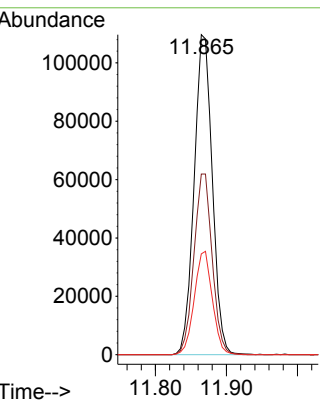
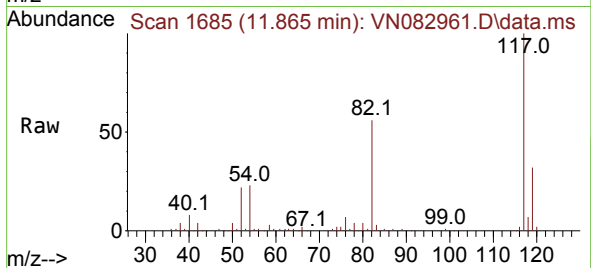
Tgt Ion:117 Resp: 195310

Ion Ratio Lower Upper

117 100

82 56.5 47.5 71.3

119 31.5 25.6 38.4



#71

Bromoform

Concen: 0.613 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN082961.D

Acq: 17 Jul 2024 14:22

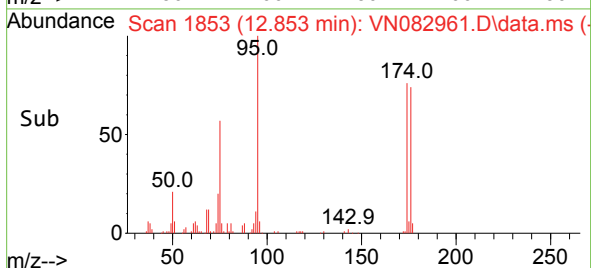
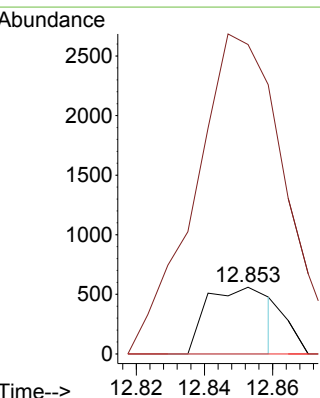
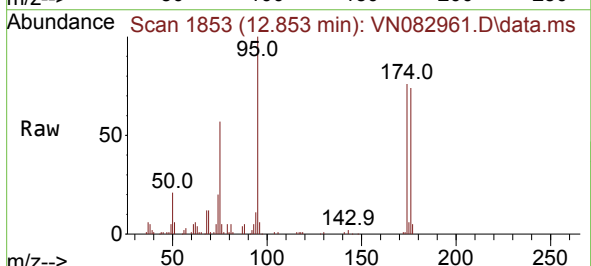
Tgt Ion:173 Resp: 718

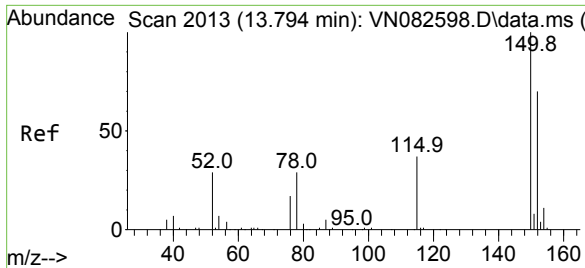
Ion Ratio Lower Upper

173 100

175 567.3 24.0 72.0#

254 0.0 0.0 0.0

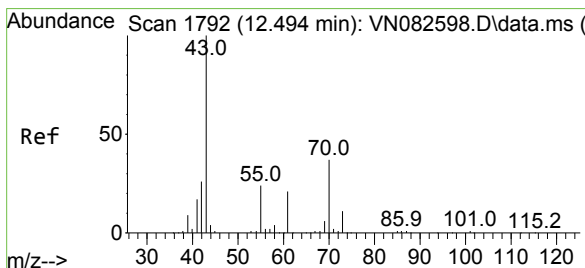
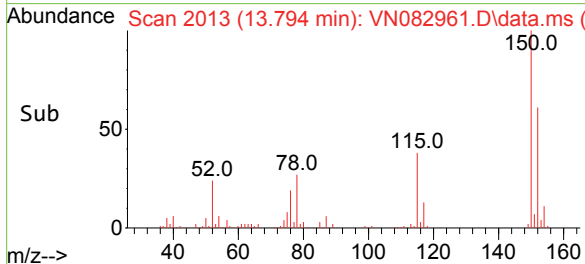
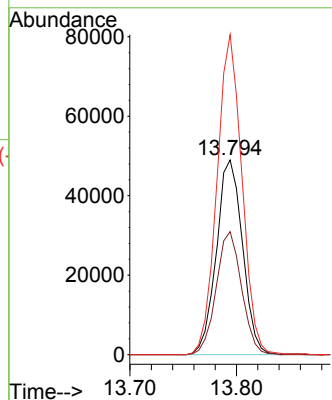
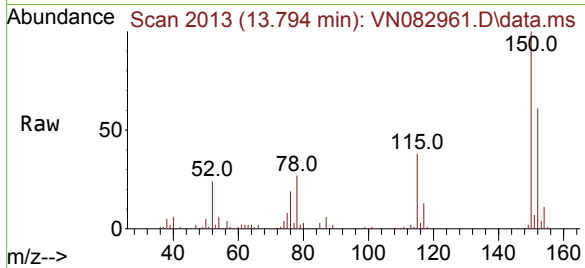




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

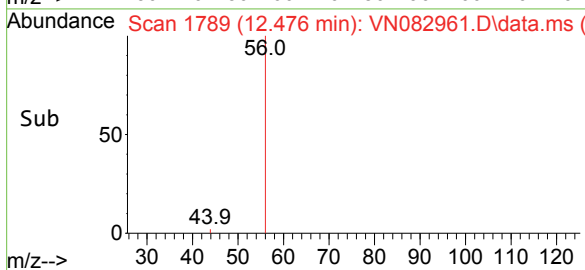
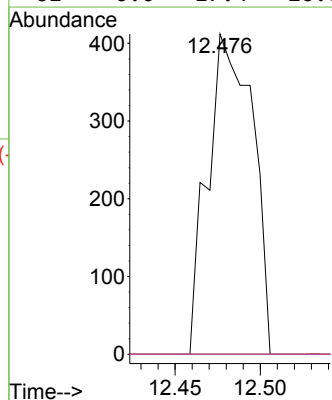
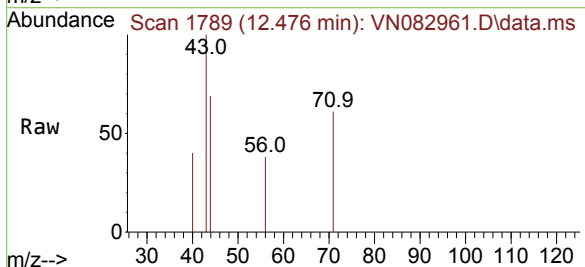
Instrument :
MSVOA_N
ClientSampleId :
PB162094TB

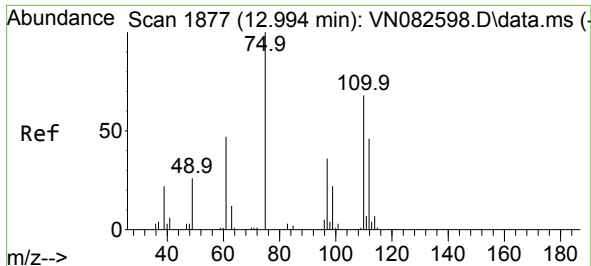
Tgt Ion:152 Resp: 83401
Ion Ratio Lower Upper
152 100
115 61.4 30.6 91.6
150 157.4 0.0 348.6



#74
N-ethyl acetate
Concen: 0.302 ug/l
RT: 12.476 min Scan# 1789
Delta R.T. -0.018 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

Tgt Ion: 43 Resp: 756
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#

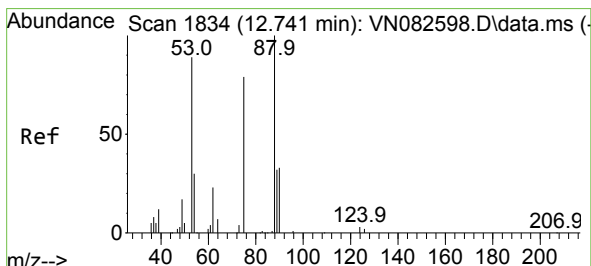
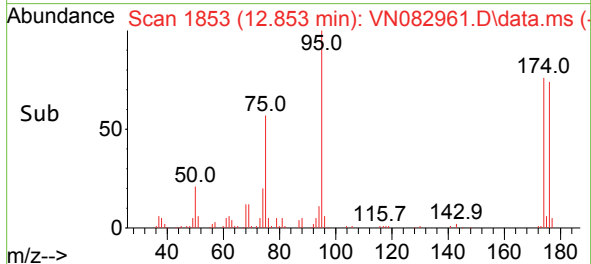
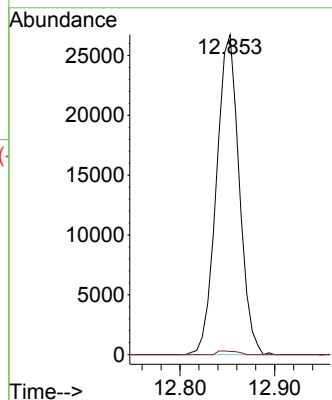
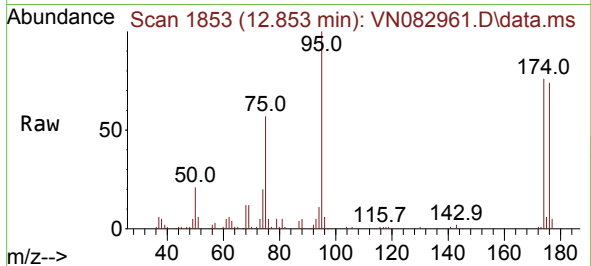




#76
1,2,3-Trichloropropane
Concen: 31.035 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
PB162094TB

Tgt Ion: 75 Resp: 44624
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.036 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

Tgt Ion: 75 Resp: 44624
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

