

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082946.D
 Acq On : 16 Jul 2024 19:39
 Operator : JC\MD
 Sample : P3246-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 17 01:00:54 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)

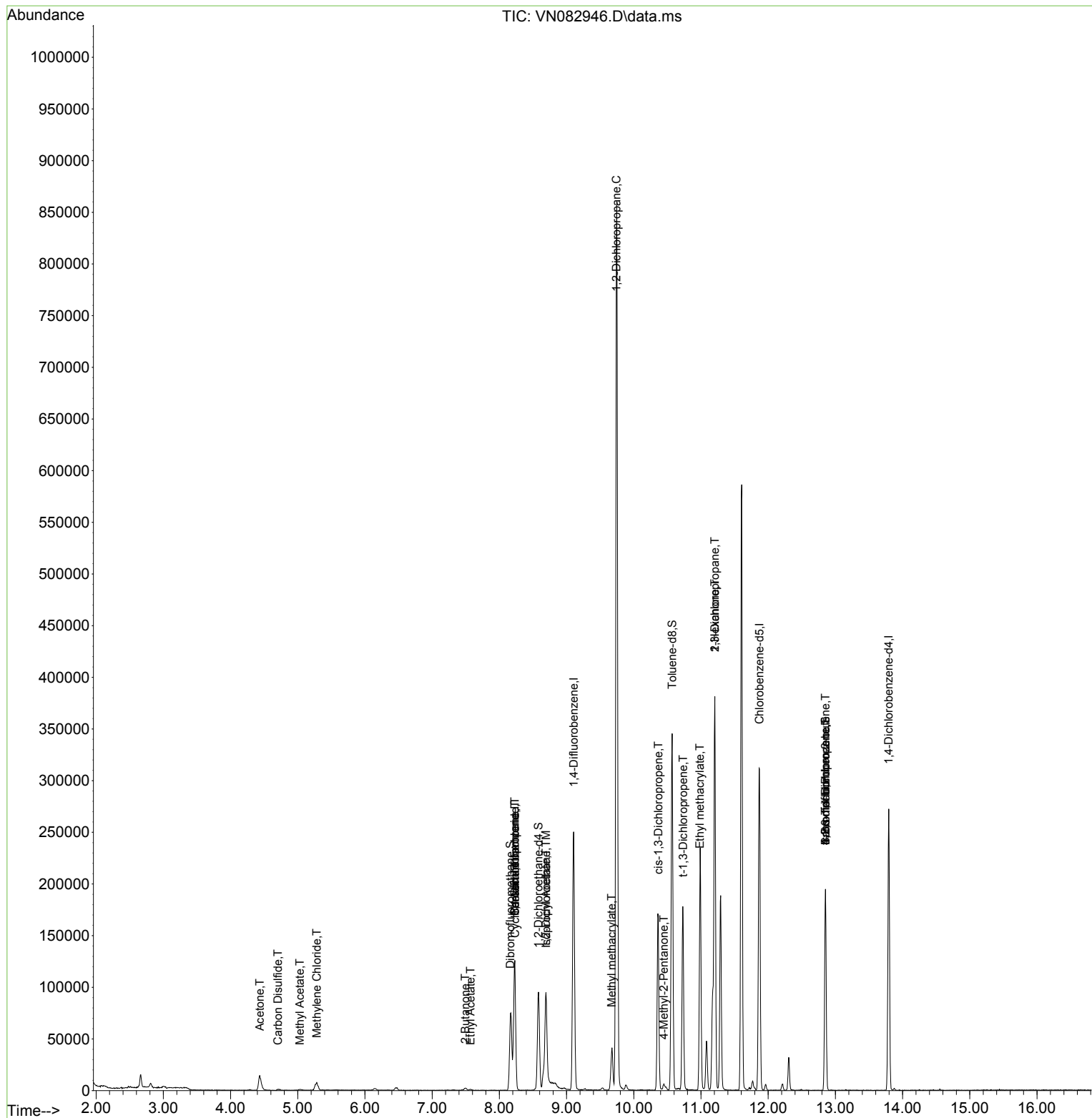
Internal Standards						
1) Pentafluorobenzene	8.230	168	85027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	205446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	181000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	69311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	79080	66.348	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	132.700%#
35) Dibromofluoromethane	8.165	113	53846	40.845	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.700%
50) Toluene-d8	10.571	98	227934	46.812	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.620%
62) 4-Bromofluorobenzene	12.853	95	60662	34.683	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	69.360%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	26924	64.160	ug/l #	87
17) Carbon Disulfide	4.706	76	1575	0.607	ug/l #	75
18) Methyl Acetate	5.030	43	653	0.588	ug/l #	76
20) Methylene Chloride	5.283	84	5913	5.835	ug/l #	80
25) 2-Butanone	7.494	43	4081	6.441	ug/l	93
31) Cyclohexane	8.235	56	2239	1.437	ug/l #	2
36) 1,1-Dichloropropene	8.230	75	7964	4.382	ug/l #	48
37) Ethyl Acetate	7.571	43	1801	0.973	ug/l #	77
38) Carbon Tetrachloride	8.230	117	9445	4.316	ug/l #	18
42) 1,2-Dichloroethane	8.694	62	502	0.249	ug/l #	78
43) Isopropyl Acetate	8.694	43	119307	33.196	ug/l #	89
45) 1,2-Dichloropropane	9.741	63	1157	0.886	ug/l #	44
48) Methyl methacrylate	9.671	41	2857	1.969	ug/l #	55
51) 4-Methyl-2-Pentanone	10.447	43	7206	3.928	ug/l #	65
53) t-1,3-Dichloropropene	10.735	75	550	0.254	ug/l #	1
54) cis-1,3-Dichloropropene	10.365	75	28837	12.587	ug/l #	60
56) Ethyl methacrylate	10.982	69	1343	0.672	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3815	1.678	ug/l #	43
59) 2-Hexanone	11.206	43	44018	32.273	ug/l #	63
71) Bromoform	12.853	173	667	0.615	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	35645	29.829	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	35645	58.666	ug/l #	6

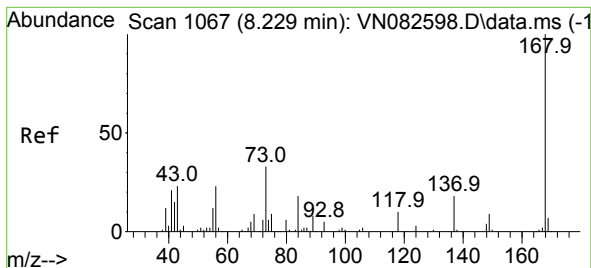
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
Data File : VN082946.D
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Sample : P3246-17
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

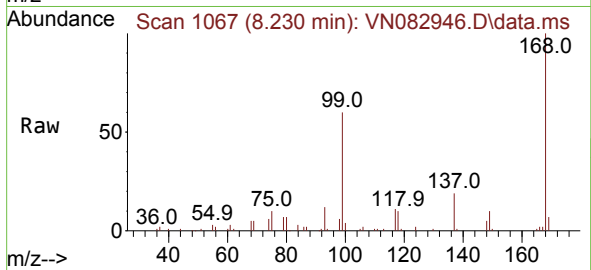
Quant Time: Jul 17 01:00:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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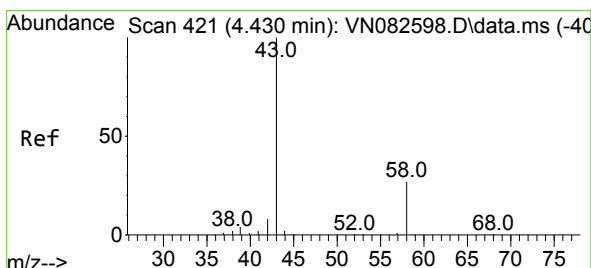
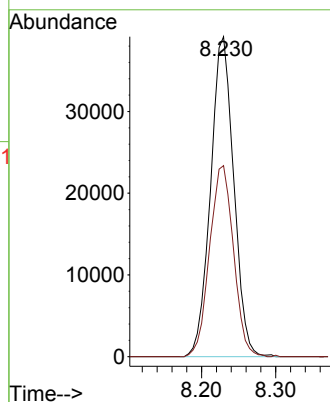
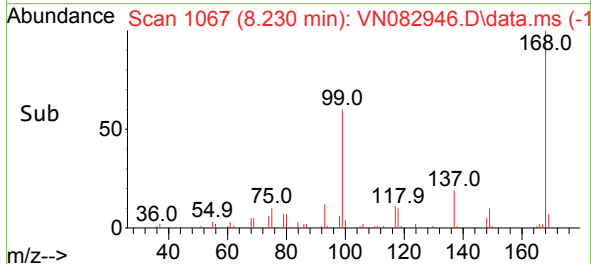


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :

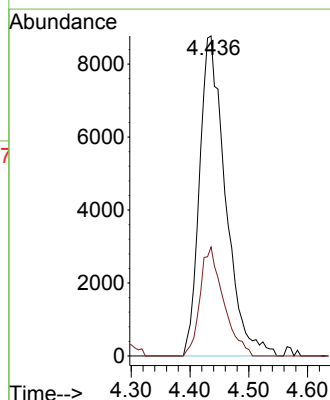
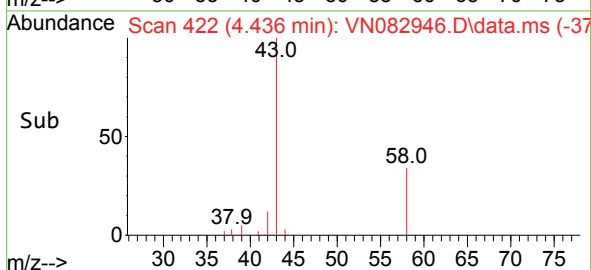
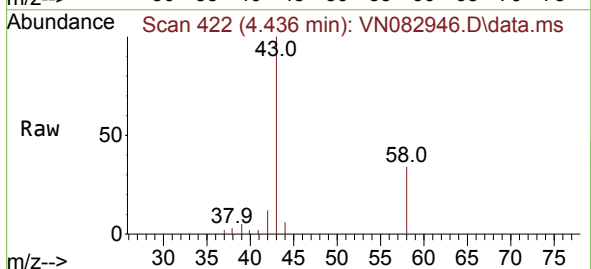


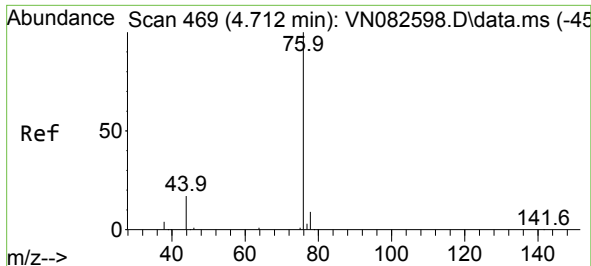
Tgt Ion:168 Resp: 85027
Ion Ratio Lower Upper
168 100
99 59.7 48.2 72.4



#16
Acetone
Concen: 64.160 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

Tgt Ion: 43 Resp: 26924
Ion Ratio Lower Upper
43 100
58 34.0 21.8 32.6#





#17

Carbon Disulfide

Concen: 0.607 ug/l

RT: 4.706 min Scan# 4

Delta R.T. -0.006 min

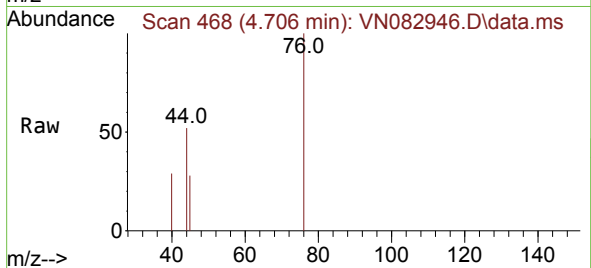
Lab File: VN082946.D

Acq: 16 Jul 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

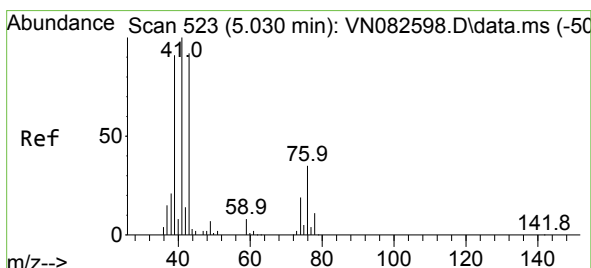
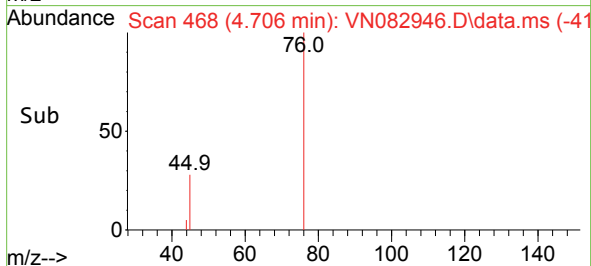
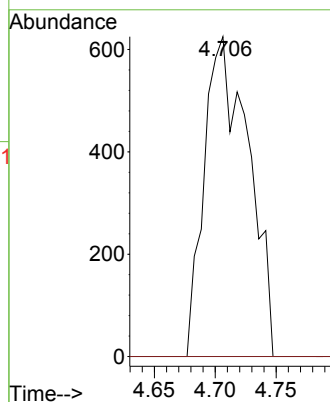


Tgt Ion: 76 Resp: 1575

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#18

Methyl Acetate

Concen: 0.588 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.000 min

Lab File: VN082946.D

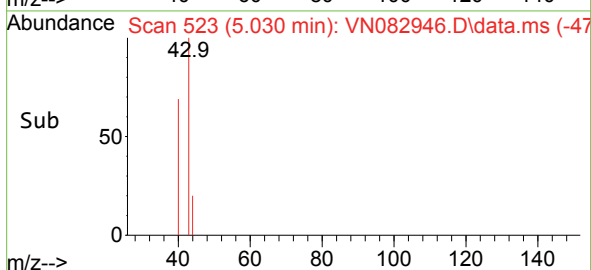
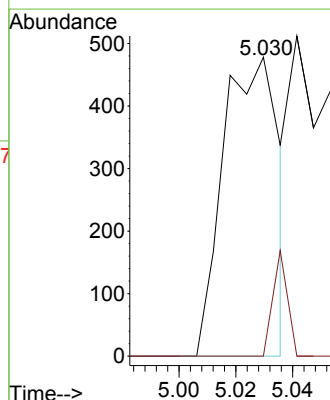
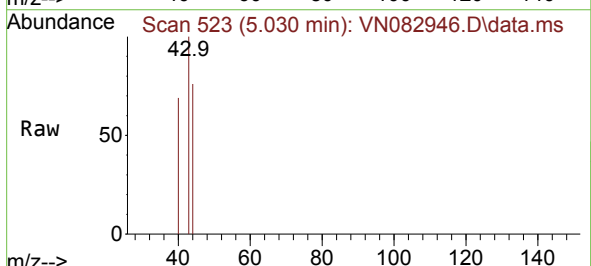
Acq: 16 Jul 2024 19:39

Tgt Ion: 43 Resp: 653

Ion Ratio Lower Upper

43 100

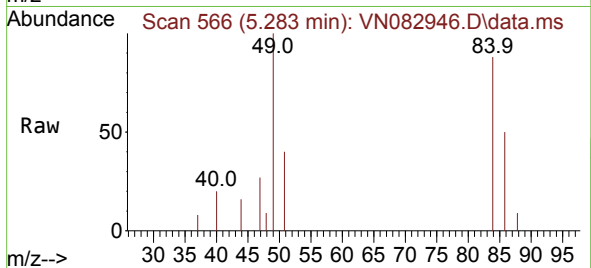
74 9.2 16.3 24.5#





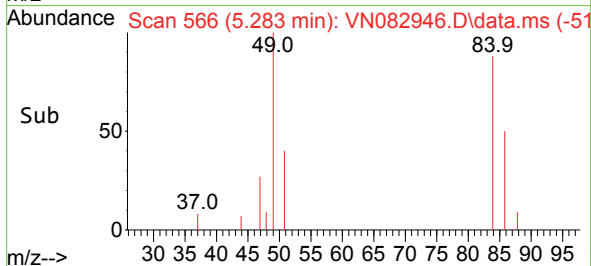
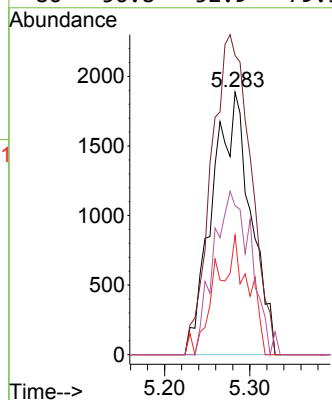
#20
Methylene Chloride
Concen: 5.835 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 5913

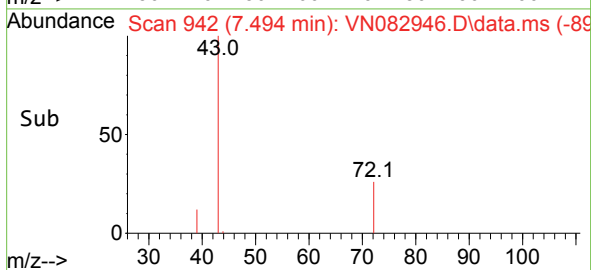
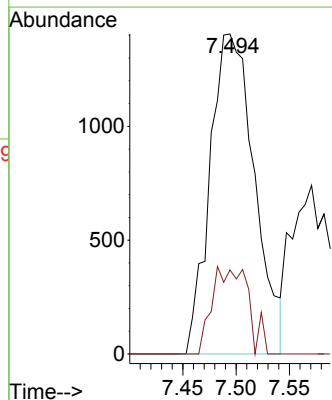
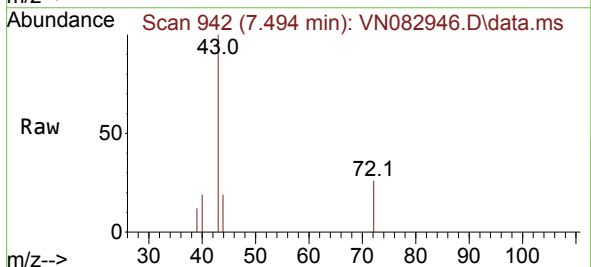
Ion	Ratio	Lower	Upper
84	100		
49	114.0	119.6	179.4#
51	45.5	34.8	52.2
86	56.8	52.9	79.3

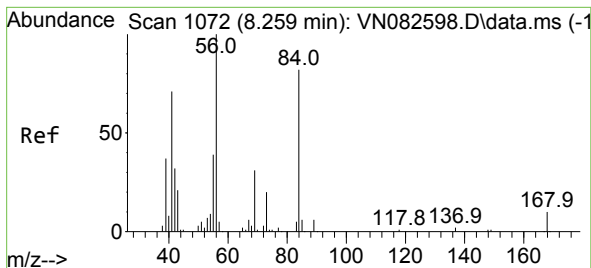


#25
2-Butanone
Concen: 6.441 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

Tgt Ion: 43 Resp: 4081

Ion	Ratio	Lower	Upper
43	100		
72	26.2	18.2	27.2





#31

Cyclohexane

Concen: 1.437 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.024 min

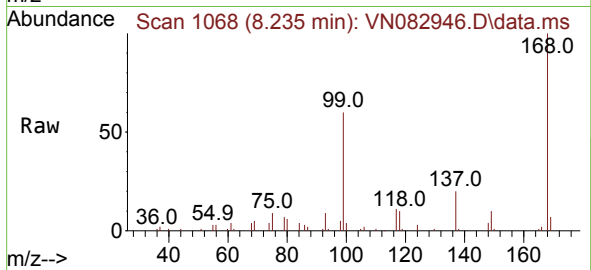
Lab File: VN082946.D

Acq: 16 Jul 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :



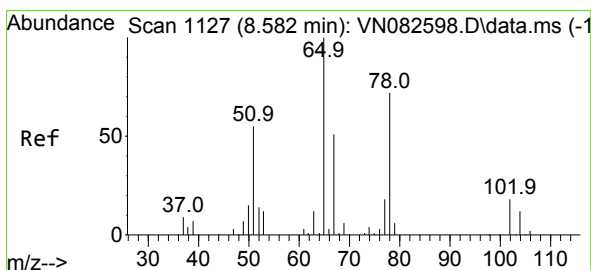
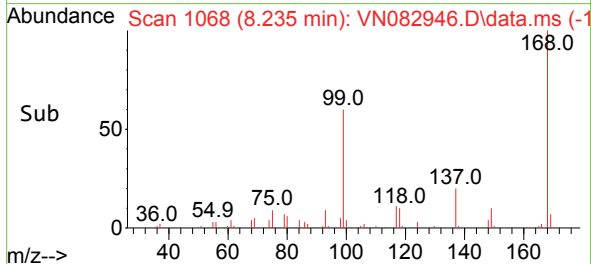
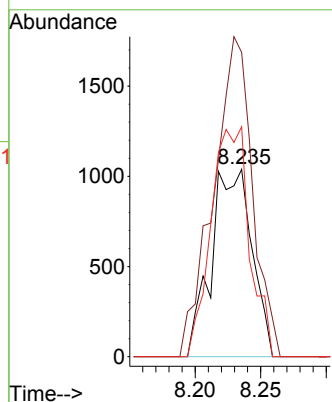
Tgt Ion: 56 Resp: 2239

Ion Ratio Lower Upper

56 100

69 162.4 24.5 36.7#

84 122.7 66.0 99.0#



#33

1,2-Dichloroethane-d4

Concen: 66.348 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082946.D

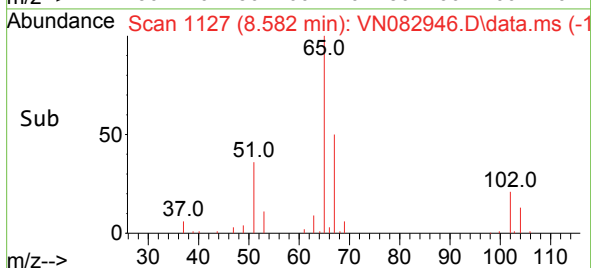
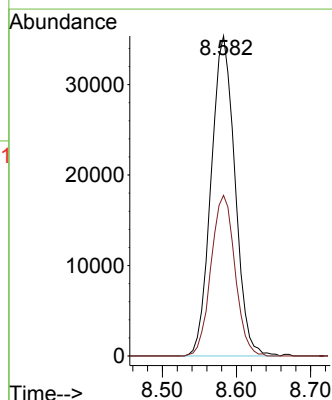
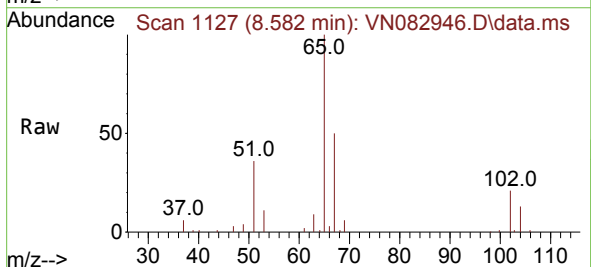
Acq: 16 Jul 2024 19:39

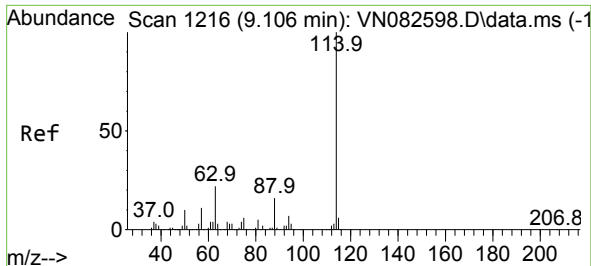
Tgt Ion: 65 Resp: 79080

Ion Ratio Lower Upper

65 100

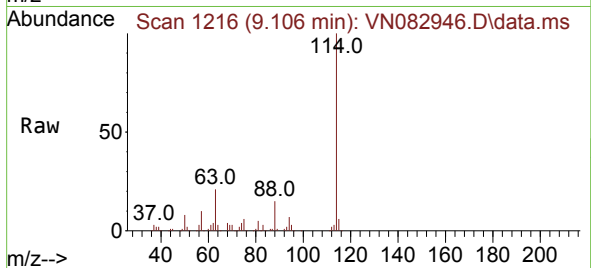
67 50.3 0.0 104.4



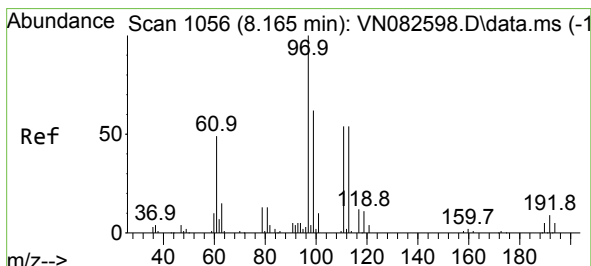
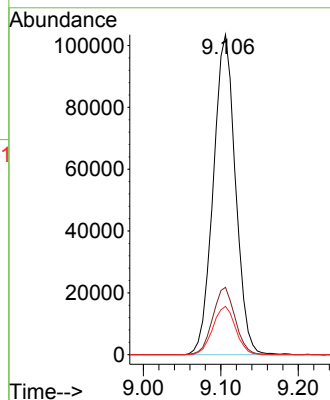
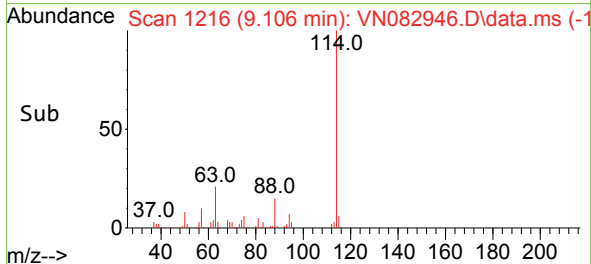


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :

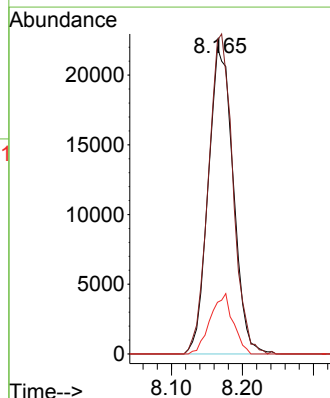
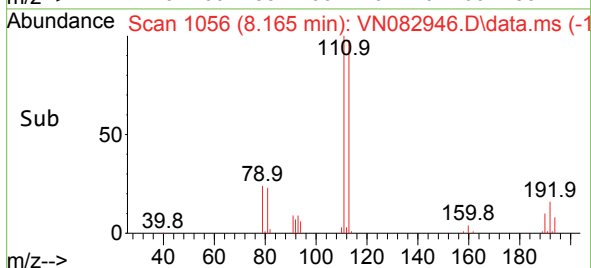
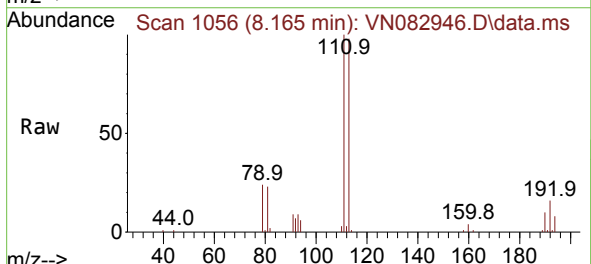


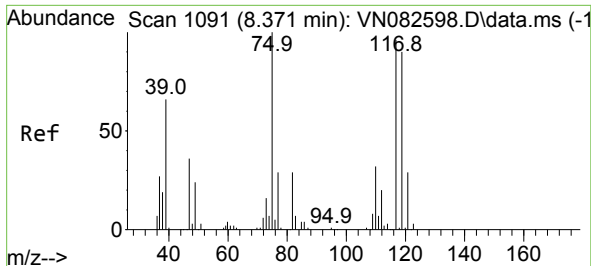
Tgt Ion:114 Resp: 205446
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.6
88 15.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 40.845 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

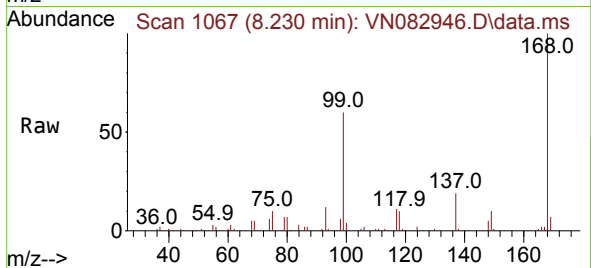
Tgt Ion:113 Resp: 53846
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 17.9 14.9 22.3



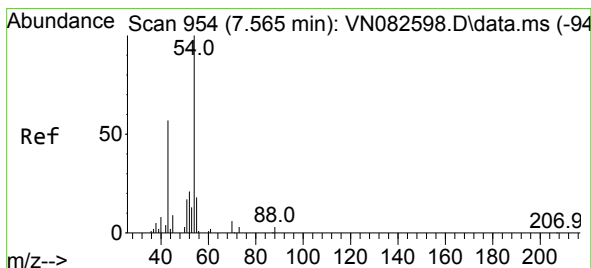
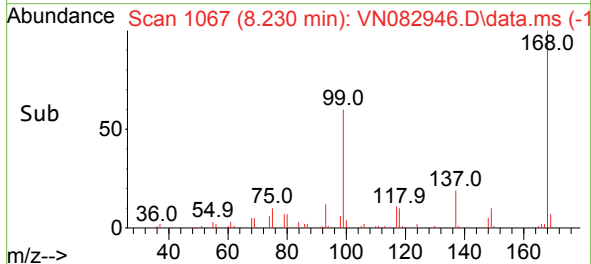
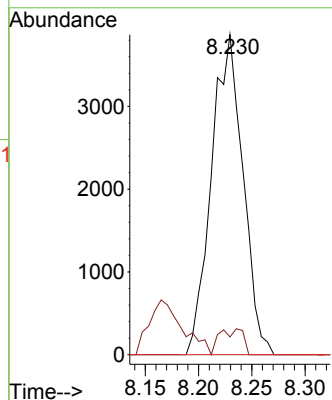


#36
1,1-Dichloropropene
Concen: 4.382 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :

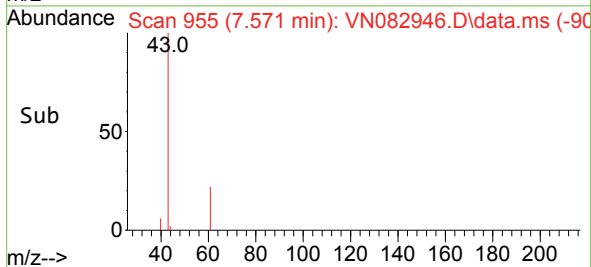
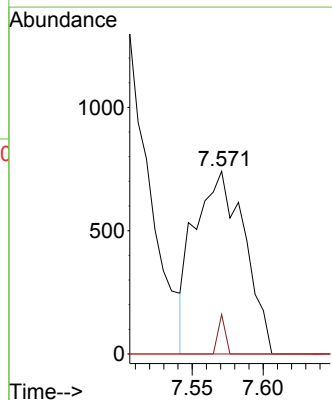
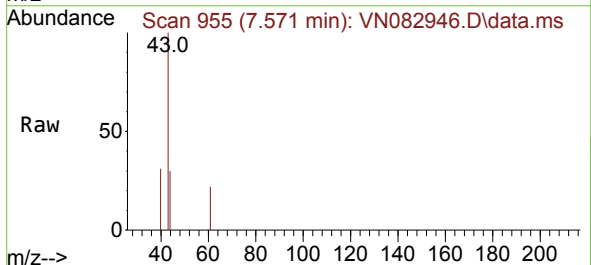


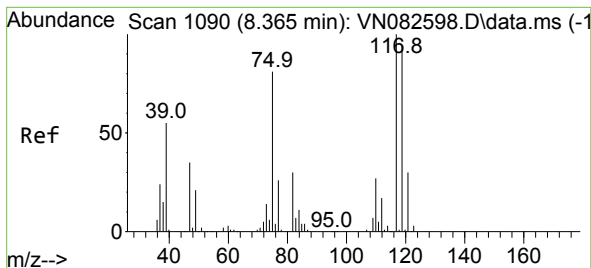
Tgt Ion: 75 Resp: 7964
Ion Ratio Lower Upper
75 100
110 6.0 16.3 48.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 0.973 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.006 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

Tgt Ion: 43 Resp: 1801
Ion Ratio Lower Upper
43 100
61 3.1 9.3 13.9#
70 0.0 7.0 10.6#





#38

Carbon Tetrachloride

Concen: 4.316 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

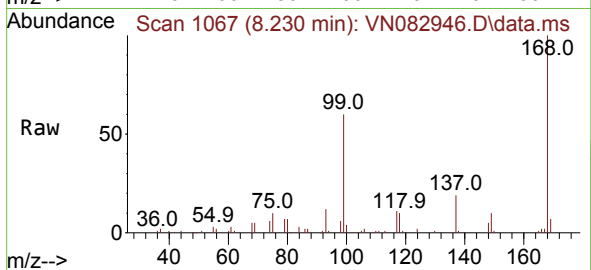
Lab File: VN082946.D

Acq: 16 Jul 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :



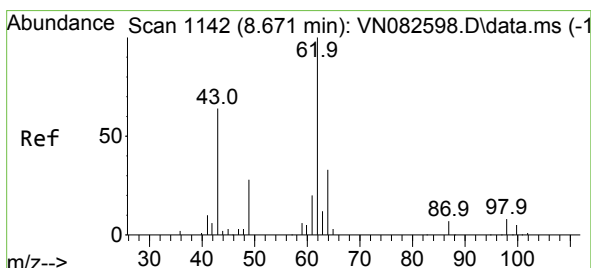
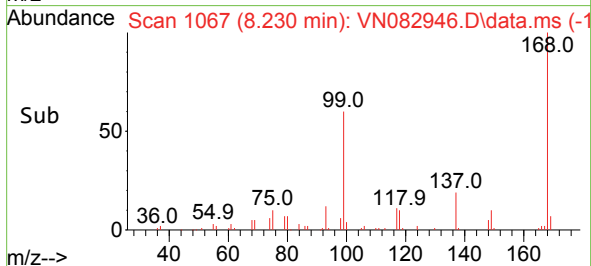
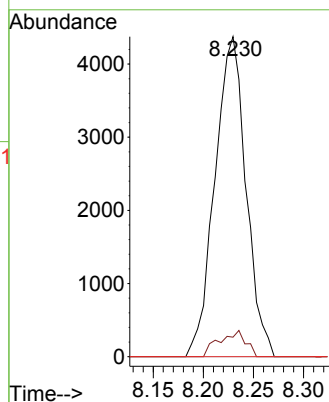
Tgt Ion:117 Resp: 9445

Ion Ratio Lower Upper

117 100

119 6.1 74.9 112.3#

121 0.0 24.3 36.5#



#42

1,2-Dichloroethane

Concen: 0.249 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.023 min

Lab File: VN082946.D

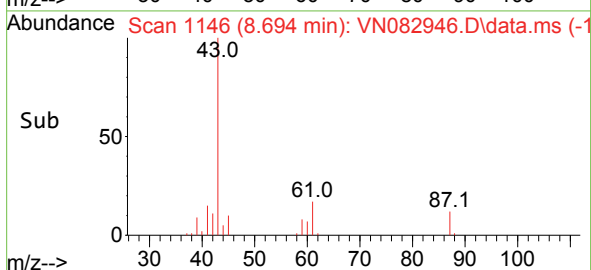
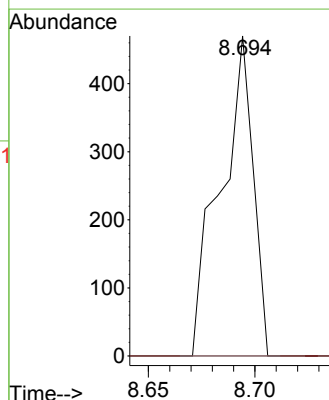
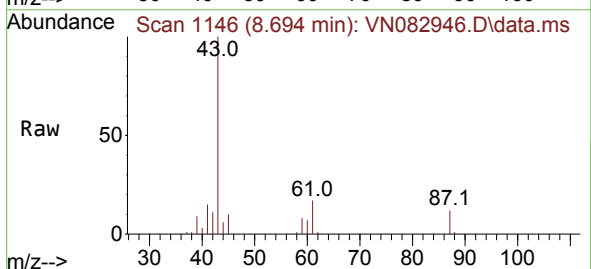
Acq: 16 Jul 2024 19:39

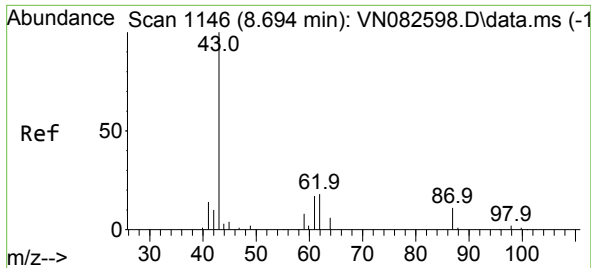
Tgt Ion: 62 Resp: 502

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8

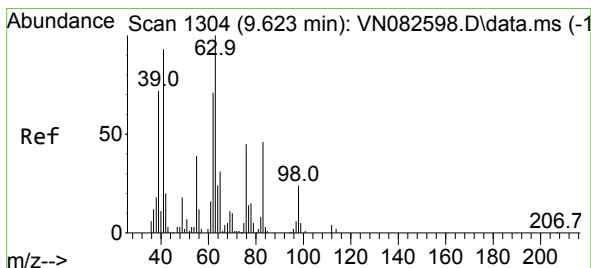
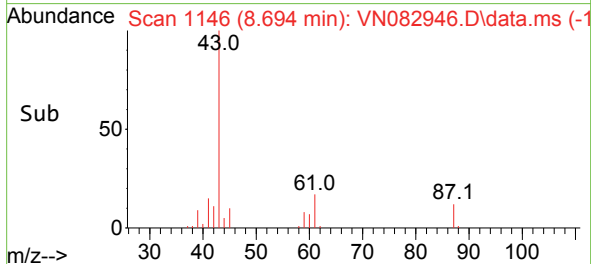
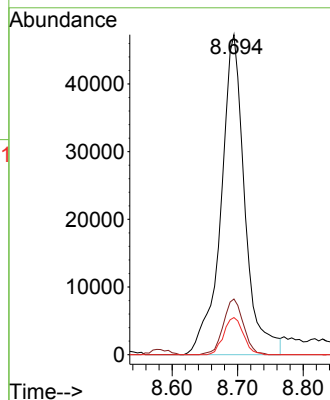
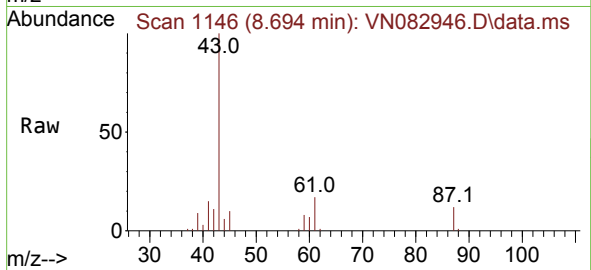




#43
Isopropyl Acetate
Concen: 33.196 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

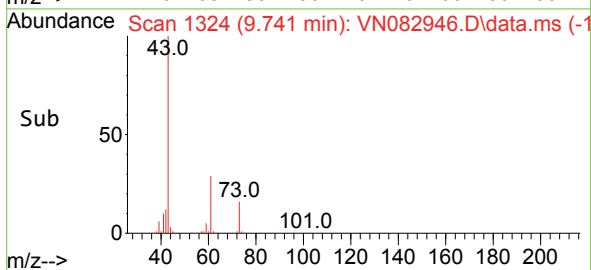
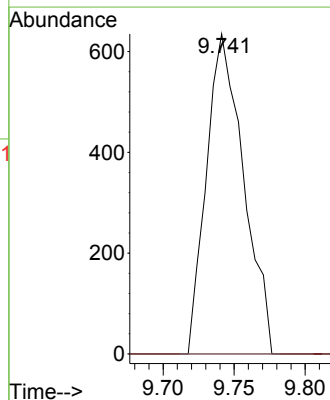
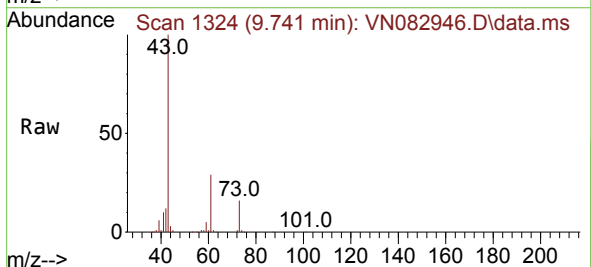
Instrument :
MSVOA_N
ClientSampleId :

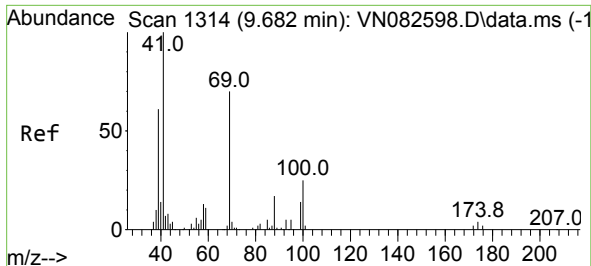
Tgt Ion: 43 Resp: 119307
Ion Ratio Lower Upper
43 100
61 14.6 17.8 26.6#
87 9.6 8.2 12.2



#45
1,2-Dichloropropane
Concen: 0.886 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

Tgt Ion: 63 Resp: 1157
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#

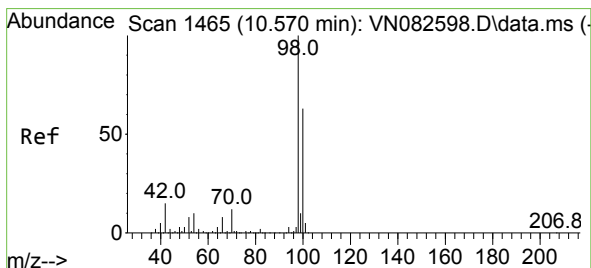
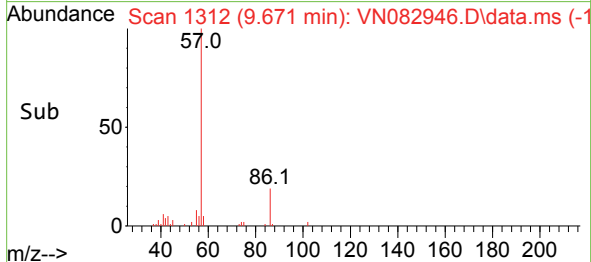
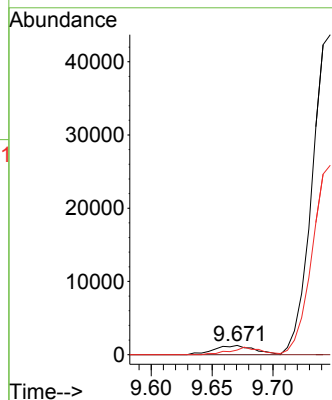
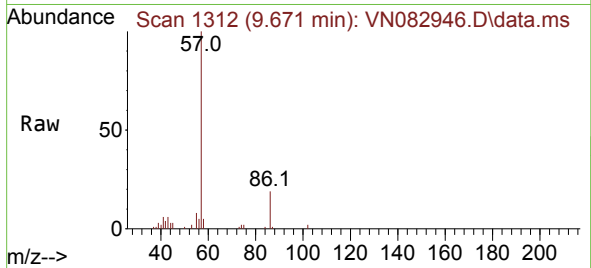




#48
Methyl methacrylate
Concen: 1.969 ug/l
RT: 9.671 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

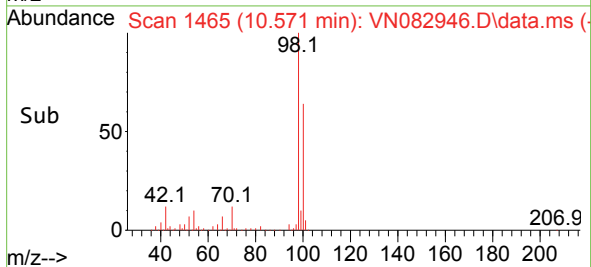
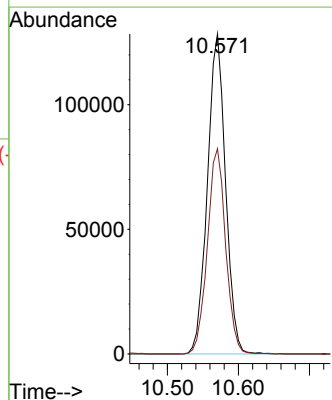
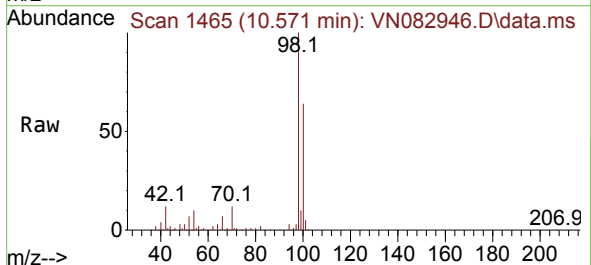
Instrument :
MSVOA_N
ClientSampleId :

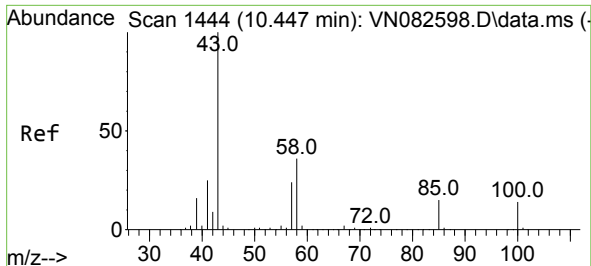
Tgt Ion: 41 Resp: 2857
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 62.4 50.3 75.5



#50
Toluene-d8
Concen: 46.812 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

Tgt Ion: 98 Resp: 227934
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3

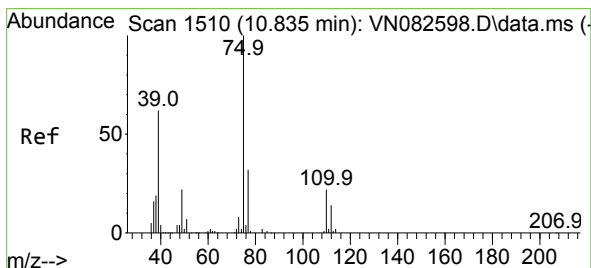
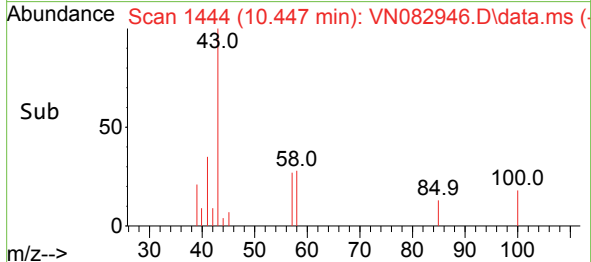
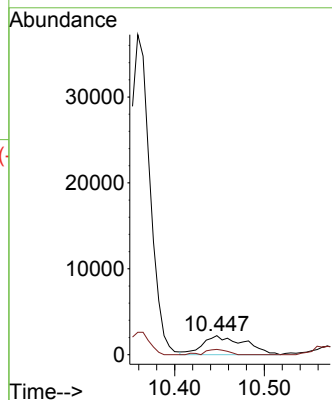
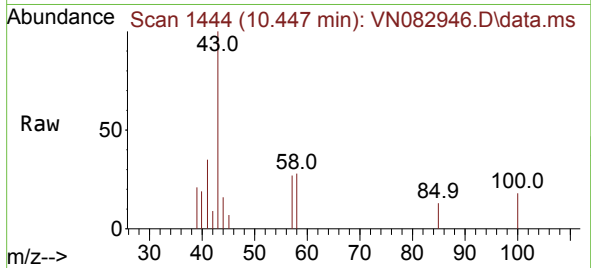




#51
4-Methyl-2-Pentanone
Concen: 3.928 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

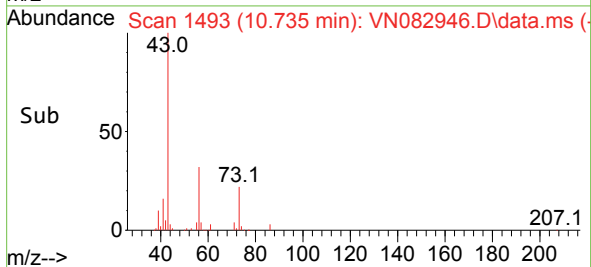
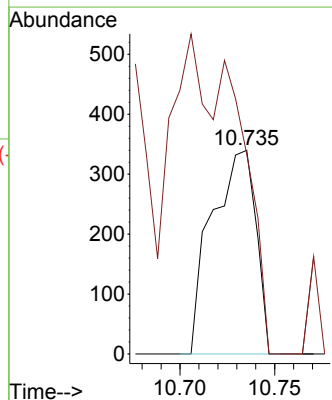
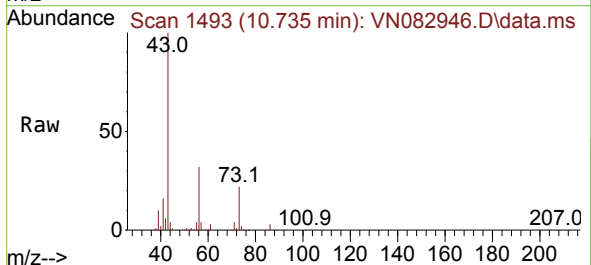
Instrument :
MSVOA_N
ClientSampleId :

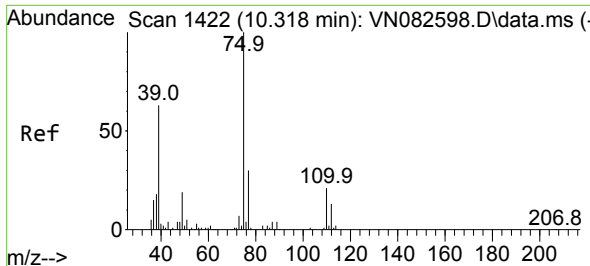
Tgt Ion: 43 Resp: 7206
Ion Ratio Lower Upper
43 100
58 15.0 28.2 42.4#



#53
t-1,3-Dichloropropene
Concen: 0.254 ug/l
RT: 10.735 min Scan# 1493
Delta R.T. -0.100 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

Tgt Ion: 75 Resp: 550
Ion Ratio Lower Upper
75 100
77 97.9 25.7 38.5#

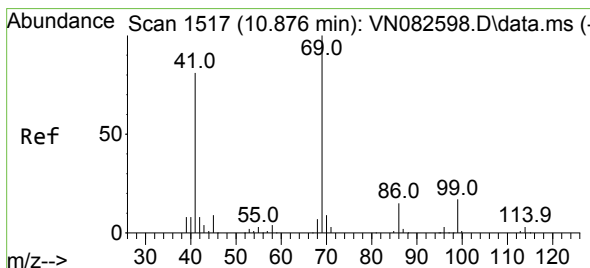
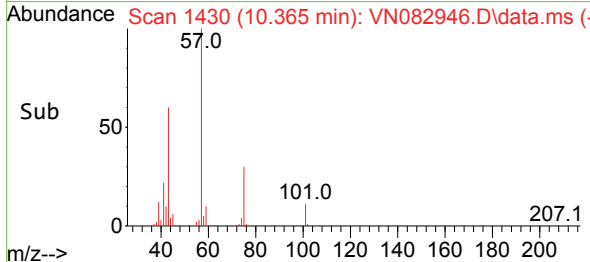
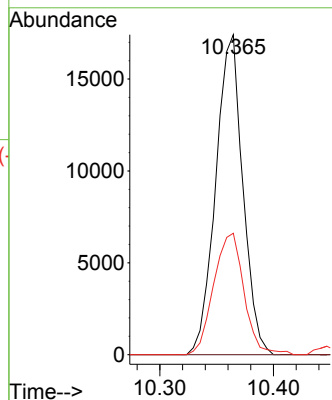
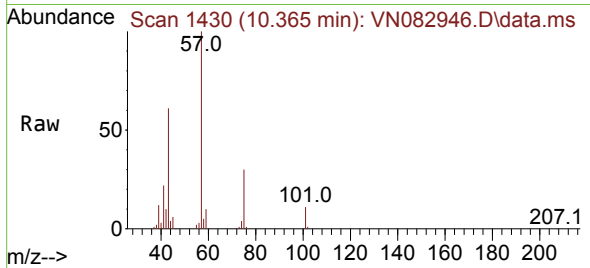




#54
 cis-1,3-Dichloropropene
 Concen: 12.587 ug/l
 RT: 10.365 min Scan# 14
 Delta R.T. 0.047 min
 Lab File: VN082946.D
 Acq: 16 Jul 2024 19:39

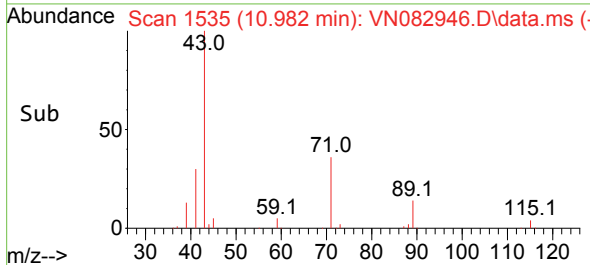
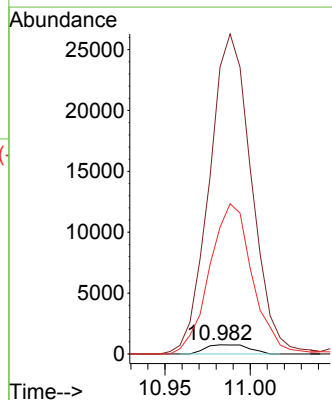
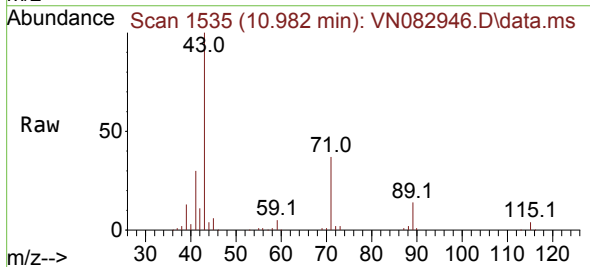
Instrument :
 MSVOA_N
 ClientSampleId :

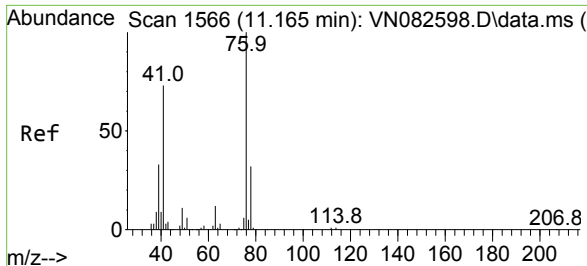
Tgt Ion: 75 Resp: 28837
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 38.0 50.5 75.7#



#56
 Ethyl methacrylate
 Concen: 0.672 ug/l
 RT: 10.982 min Scan# 1535
 Delta R.T. 0.106 min
 Lab File: VN082946.D
 Acq: 16 Jul 2024 19:39

Tgt Ion: 69 Resp: 1343
 Ion Ratio Lower Upper
 69 100
 41 3380.2 63.4 95.2#
 39 1618.0 37.4 56.0#

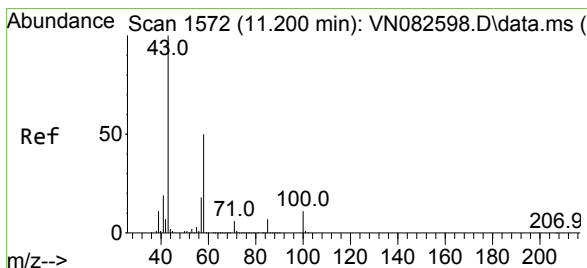
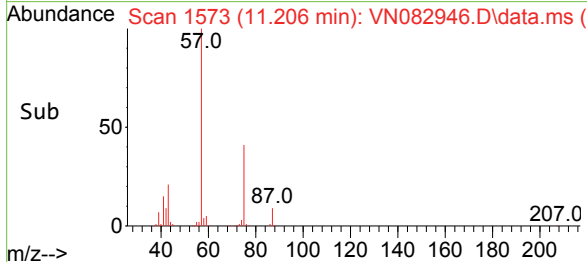
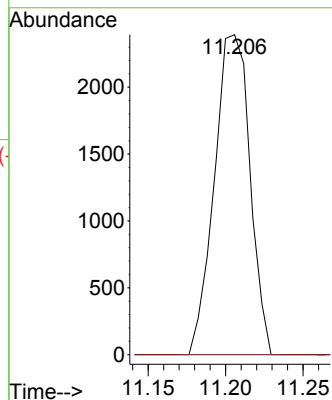
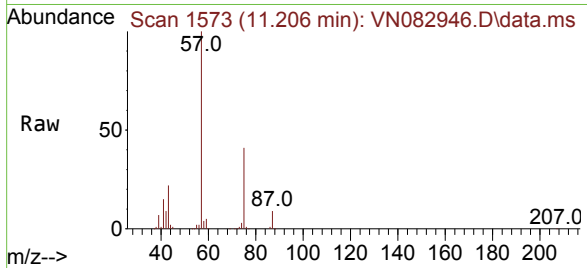




#57
1,3-Dichloropropane
Concen: 1.678 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

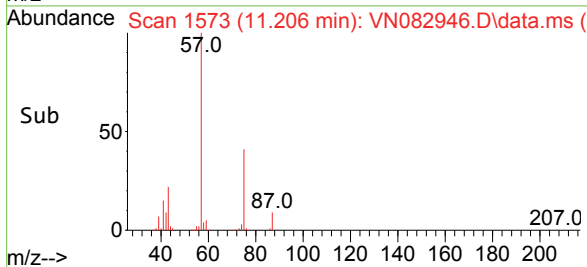
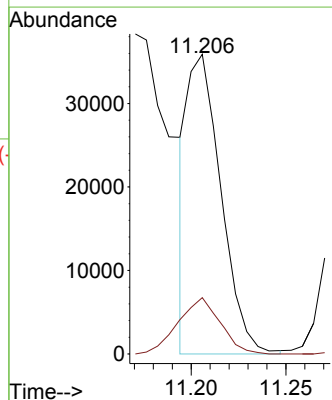
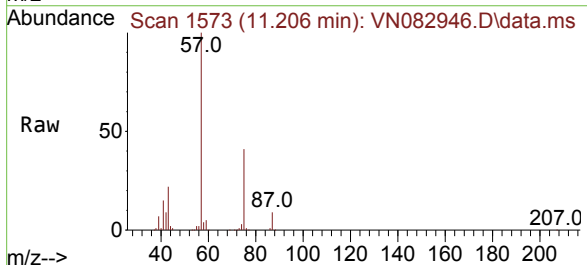
Instrument :
MSVOA_N
ClientSampleId :

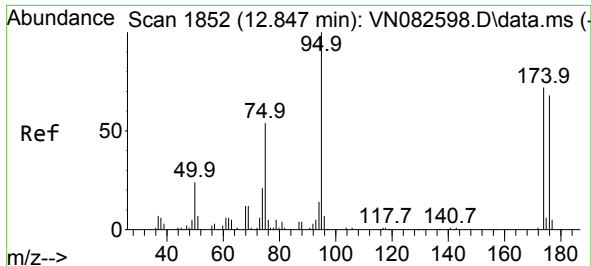
Tgt Ion: 76 Resp: 3815
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



#59
2-Hexanone
Concen: 32.273 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

Tgt Ion: 43 Resp: 44018
Ion Ratio Lower Upper
43 100
58 23.8 24.6 73.8#

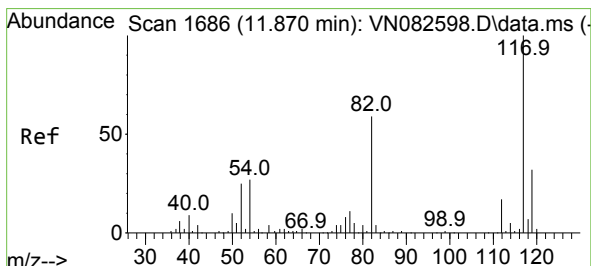
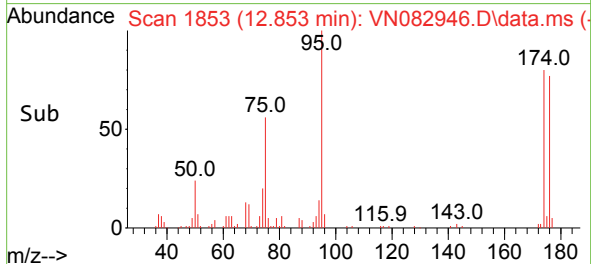
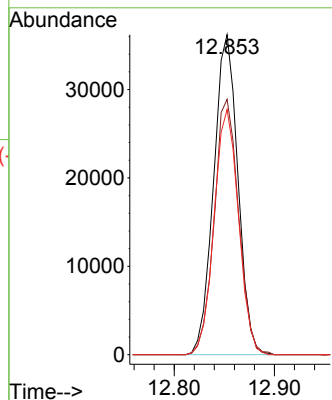
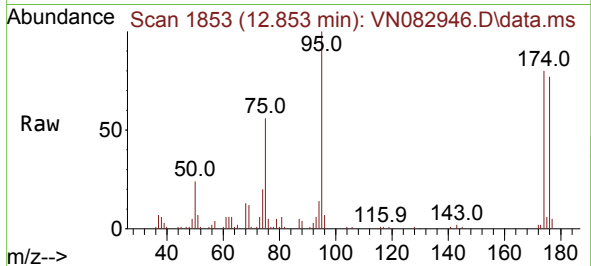




#62
4-Bromofluorobenzene
Concen: 34.683 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

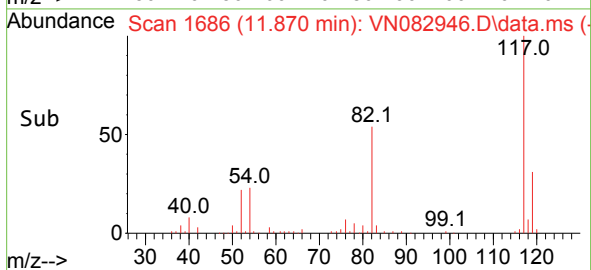
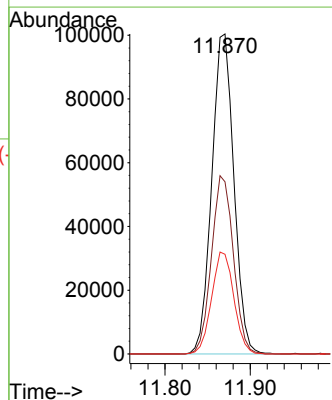
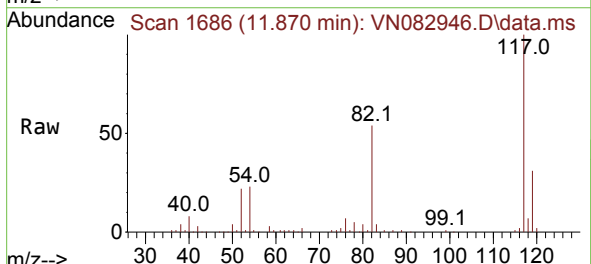
Instrument :
MSVOA_N
ClientSampleId :

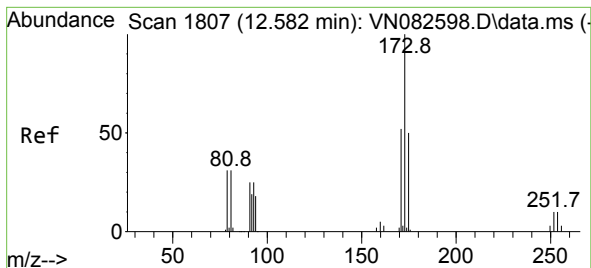
Tgt Ion: 95 Resp: 60662
Ion Ratio Lower Upper
95 100
174 80.5 0.0 159.2
176 77.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

Tgt Ion: 117 Resp: 181000
Ion Ratio Lower Upper
117 100
82 53.8 47.5 71.3
119 31.2 25.6 38.4





#71

Bromoform

Concen: 0.615 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

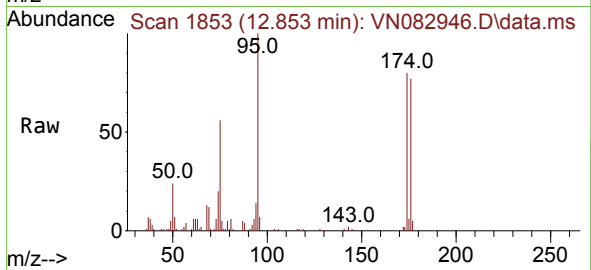
Lab File: VN082946.D

Acq: 16 Jul 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :



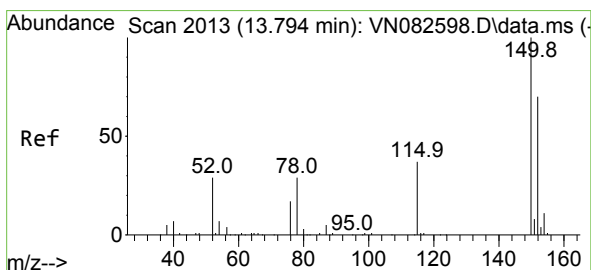
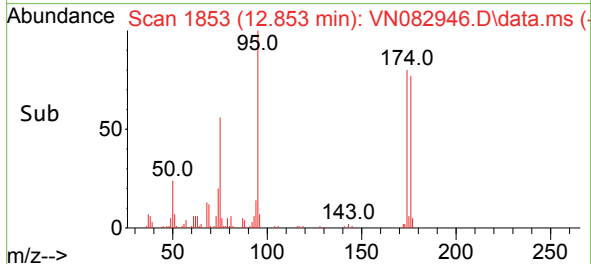
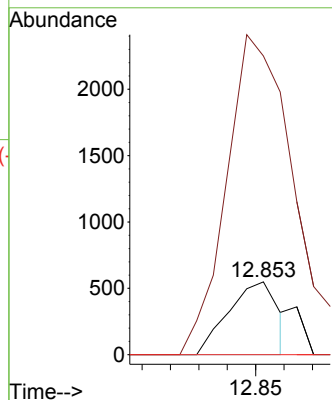
Tgt Ion:173 Resp: 667

Ion Ratio Lower Upper

173 100

175 476.8 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# 2013

Delta R.T. -0.000 min

Lab File: VN082946.D

Acq: 16 Jul 2024 19:39

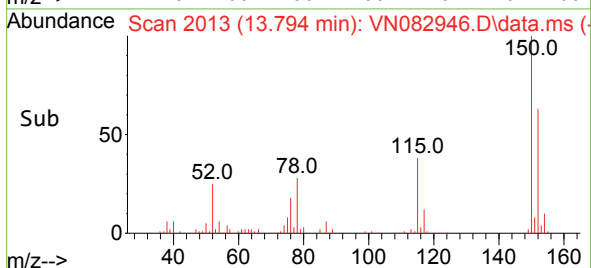
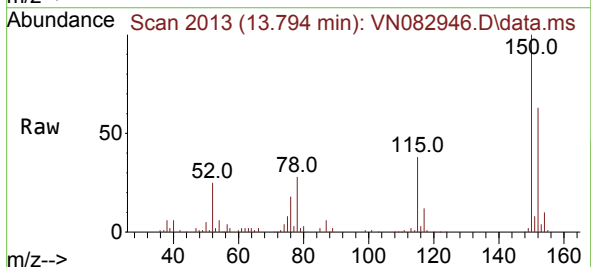
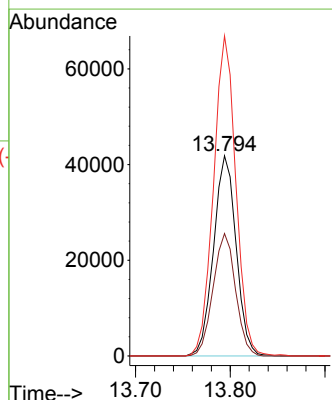
Tgt Ion:152 Resp: 69311

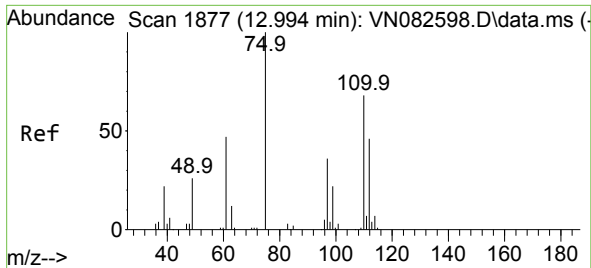
Ion Ratio Lower Upper

152 100

115 60.7 30.6 91.6

150 158.0 0.0 348.6

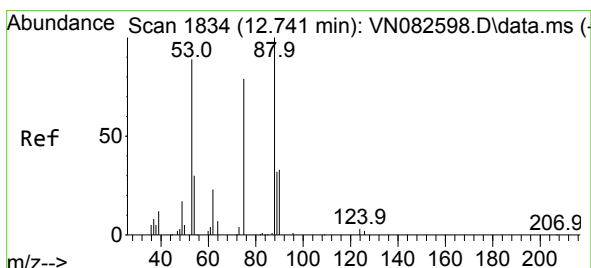
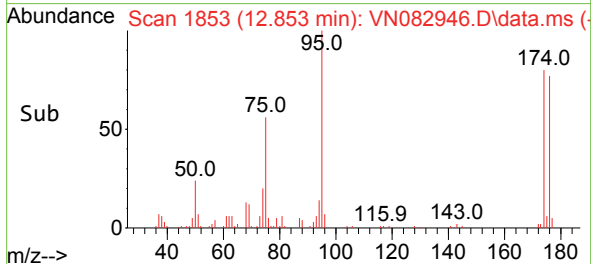
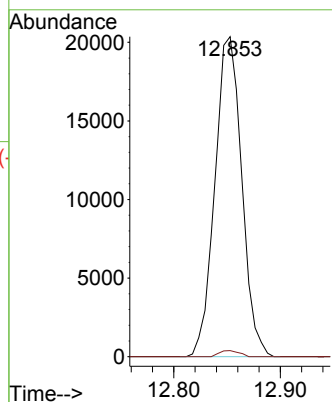
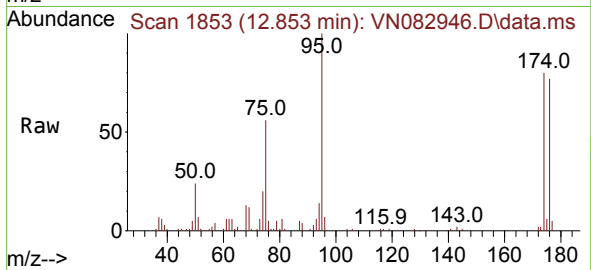




#76
1,2,3-Trichloropropane
Concen: 29.829 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 35645
Ion Ratio Lower Upper
75 100
77 1.4 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.666 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082946.D
Acq: 16 Jul 2024 19:39

Tgt Ion: 75 Resp: 35645
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

