

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082965.D
 Acq On : 17 Jul 2024 16:00
 Operator : JC\MD
 Sample : P3257-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 18 05:26:12 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

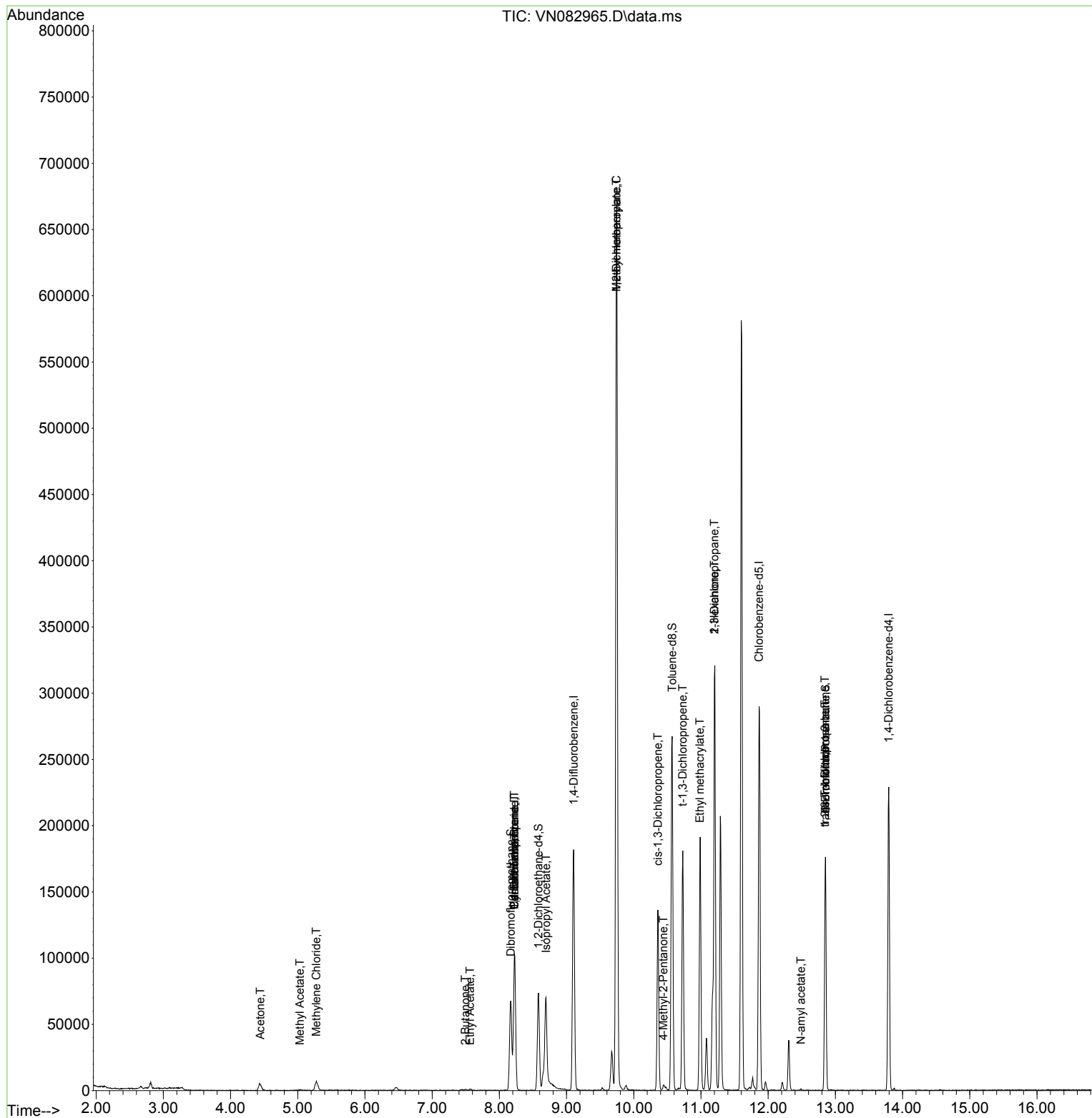
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	72533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	151376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	163609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	58759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	58933	57.961	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.920%
35) Dibromofluoromethane	8.171	113	47913	49.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.660%
50) Toluene-d8	10.570	98	182281	50.808	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.620%
62) 4-Bromofluorobenzene	12.853	95	55248	42.871	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	85.740%
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	10276	28.706	ug/l #	89
18) Methyl Acetate	5.030	43	786	0.830	ug/l #	56
20) Methylene Chloride	5.277	84	5499	6.361	ug/l #	94
25) 2-Butanone	7.494	43	913	1.689	ug/l #	53
31) Cyclohexane	8.224	56	1979	1.489	ug/l #	17
36) 1,1-Dichloropropene	8.224	75	6580	4.913	ug/l #	47
37) Ethyl Acetate	7.565	43	1697	1.245	ug/l #	72
38) Carbon Tetrachloride	8.224	117	8317	5.158	ug/l #	19
43) Isopropyl Acetate	8.694	43	96029	36.554	ug/l #	86
45) 1,2-Dichloropropane	9.741	63	813	0.845	ug/l #	44
48) Methyl methacrylate	9.741	41	65407	61.180	ug/l #	53
51) 4-Methyl-2-Pentanone	10.441	43	5408	4.001	ug/l #	64
53) t-1,3-Dichloropropene	10.729	75	319	0.200	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	22071	13.074	ug/l #	63
56) Ethyl methacrylate	10.982	69	1002	0.681	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	3183	1.900	ug/l #	43
59) 2-Hexanone	11.200	43	43381	43.167	ug/l #	59
71) Bromoform	12.853	173	682	0.695	ug/l #	1
74) N-amyl acetate	12.488	43	476	0.270	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	31931	31.520	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	31931	61.991	ug/l #	6

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

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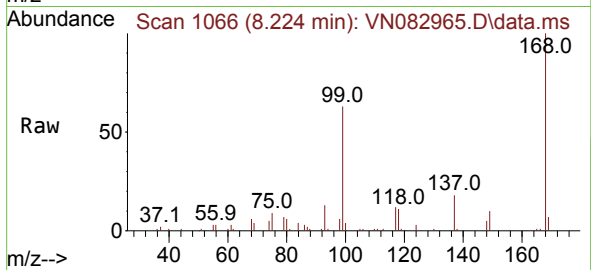
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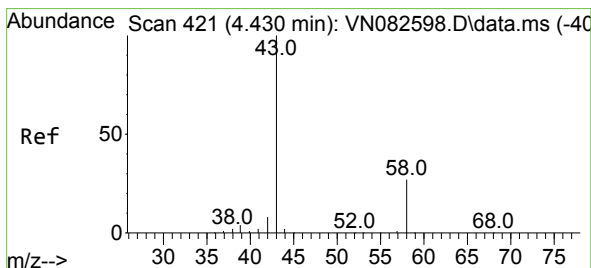
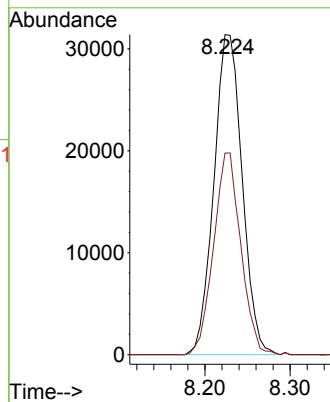
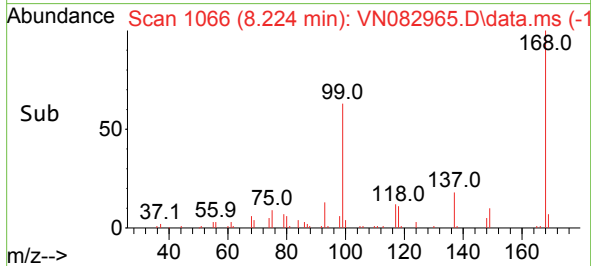


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

Instrument :
MSVOA_N
ClientSampleId :

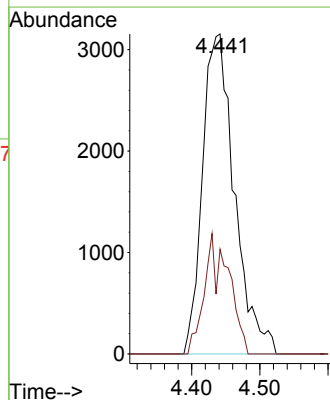
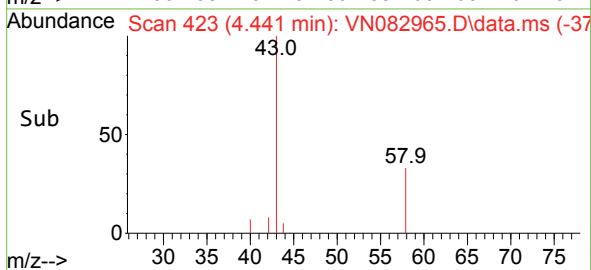
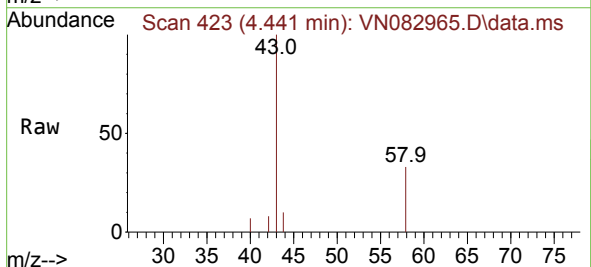


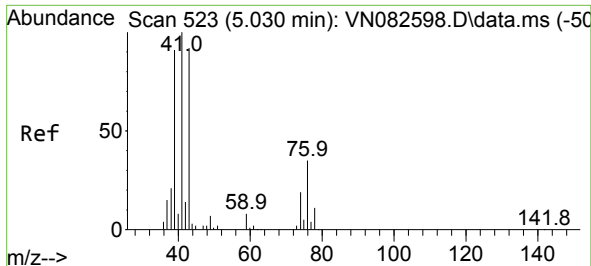
Tgt Ion:168 Resp: 72533
Ion Ratio Lower Upper
168 100
99 63.0 48.2 72.4



#16
Acetone
Concen: 28.706 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

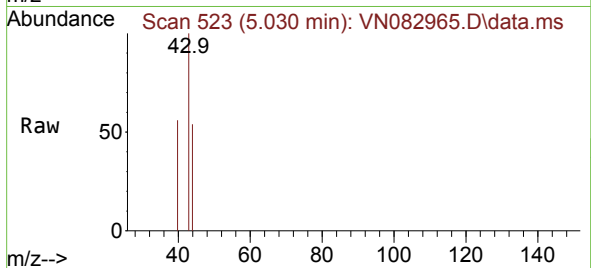
Tgt Ion: 43 Resp: 10276
Ion Ratio Lower Upper
43 100
58 32.7 21.8 32.6#



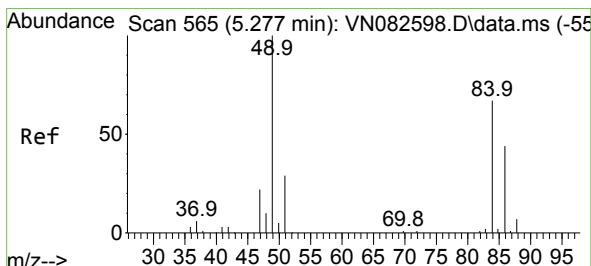
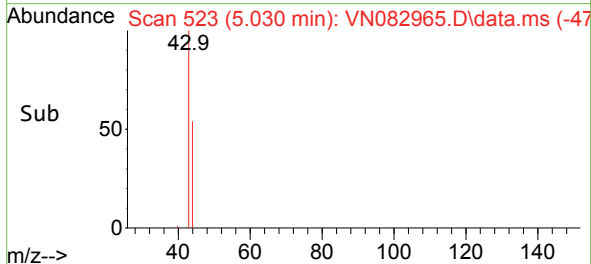
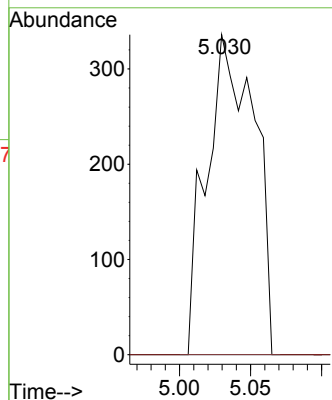


#18
Methyl Acetate
Concen: 0.830 ug/l
RT: 5.030 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

Instrument :
MSVOA_N
ClientSampleId :

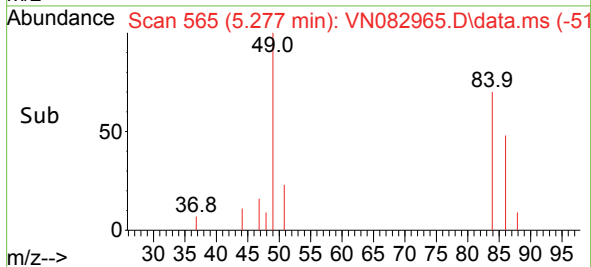
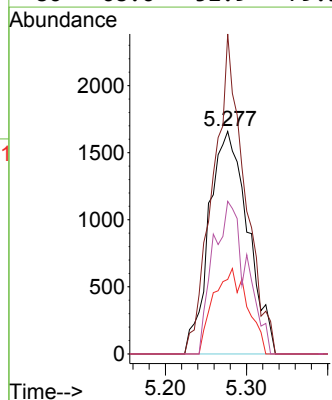
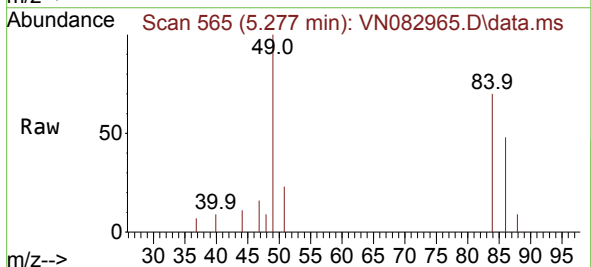


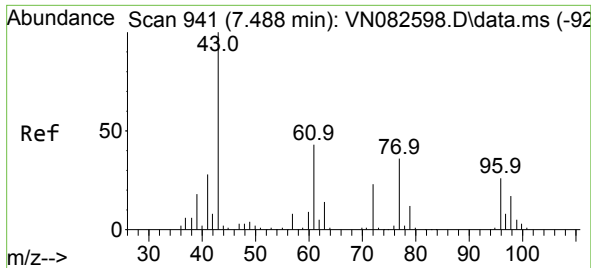
Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 6.361 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

Tgt Ion: 84 Resp: 5499
Ion Ratio Lower Upper
84 100
49 143.8 119.6 179.4
51 33.5 34.8 52.2#
86 68.6 52.9 79.3

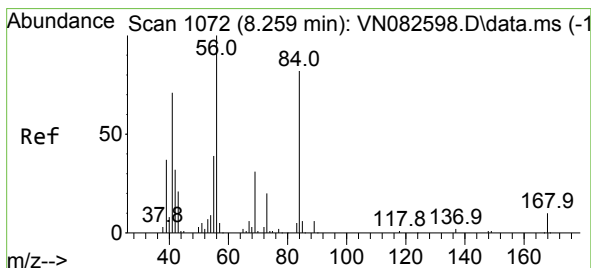
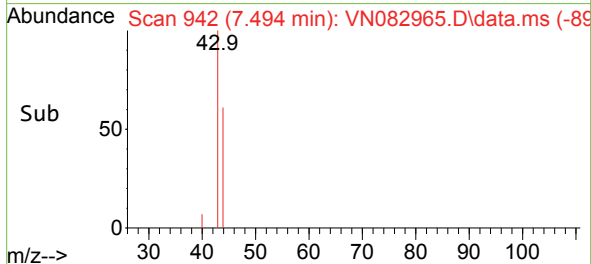
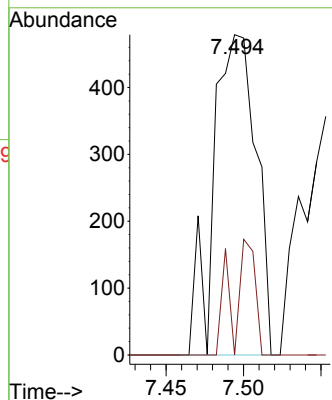
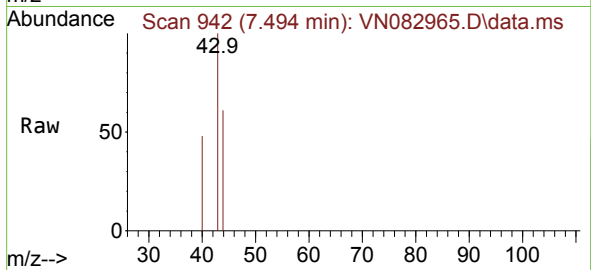




#25
2-Butanone
Concen: 1.689 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

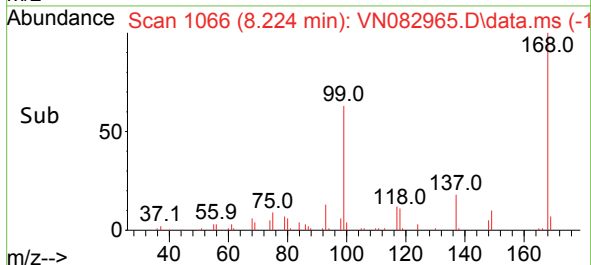
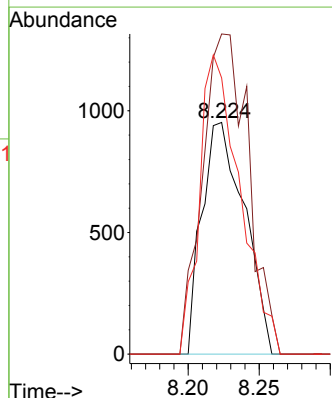
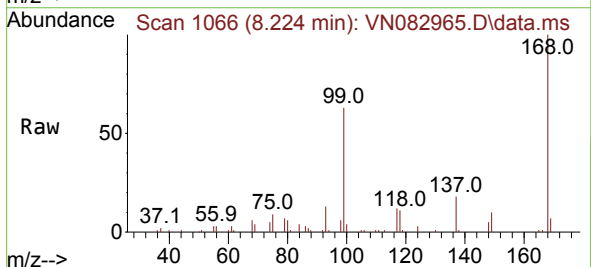
Instrument :
MSVOA_N
ClientSampleId :

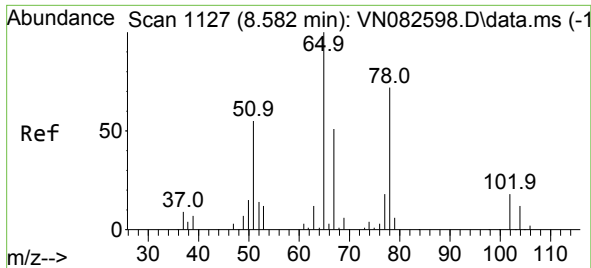
Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#31
Cyclohexane
Concen: 1.489 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

Tgt Ion: 56 Resp: 1979
Ion Ratio Lower Upper
56 100
69 138.2 24.5 36.7#
84 119.2 66.0 99.0#

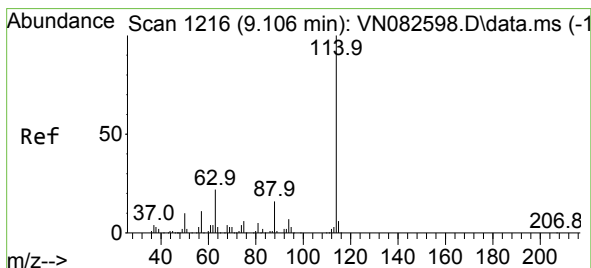
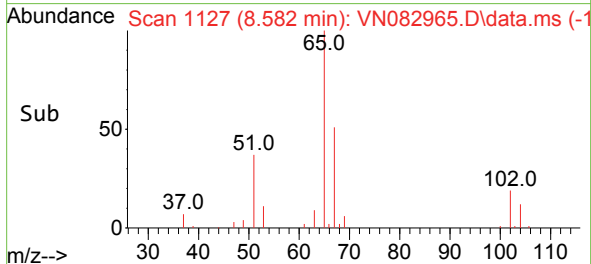
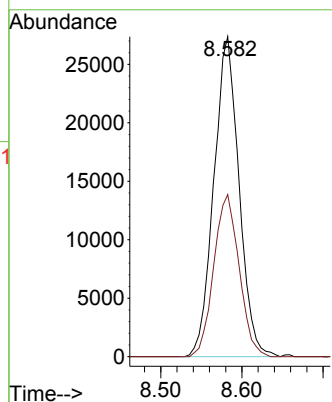
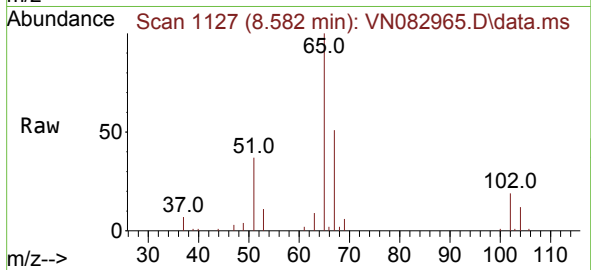




#33
 1,2-Dichloroethane-d4
 Concen: 57.961 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082965.D
 Acq: 17 Jul 2024 16:00

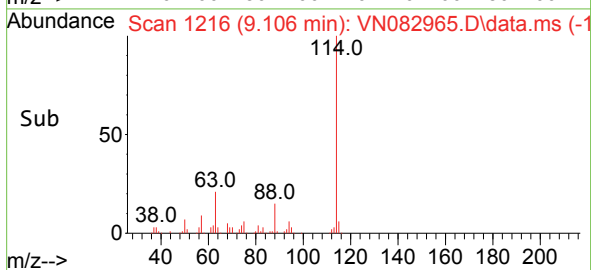
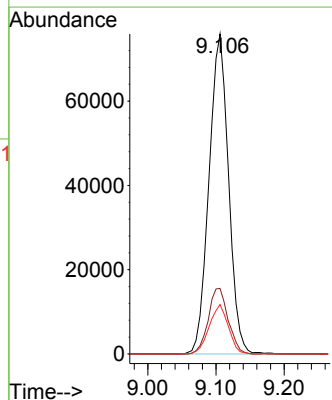
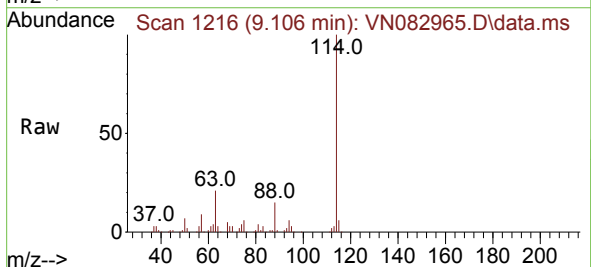
Instrument :
 MSVOA_N
 ClientSampleId :

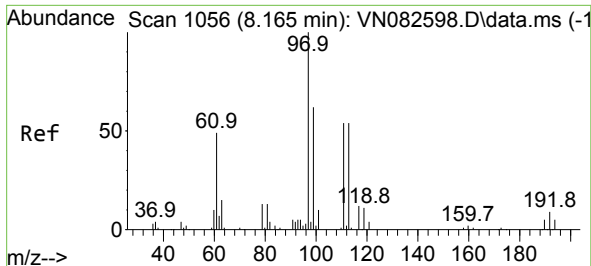
Tgt Ion: 65 Resp: 58933
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082965.D
 Acq: 17 Jul 2024 16:00

Tgt Ion: 114 Resp: 151376
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 44.6
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.327 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

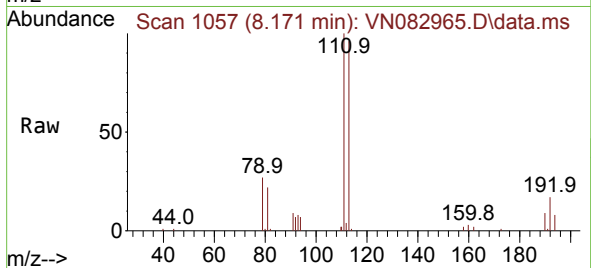
Lab File: VN082965.D

Acq: 17 Jul 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :



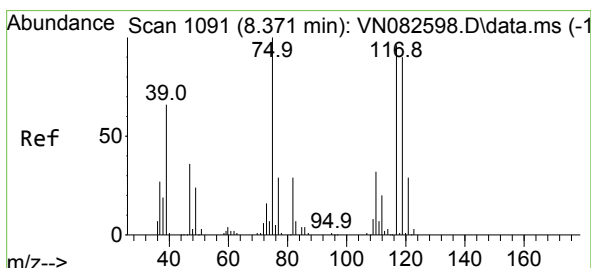
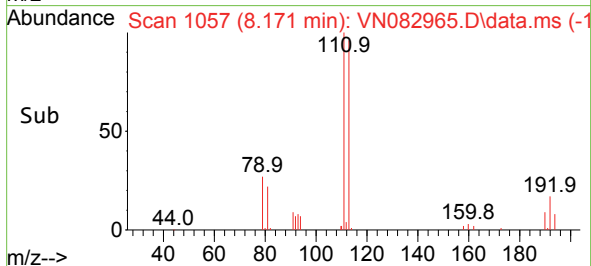
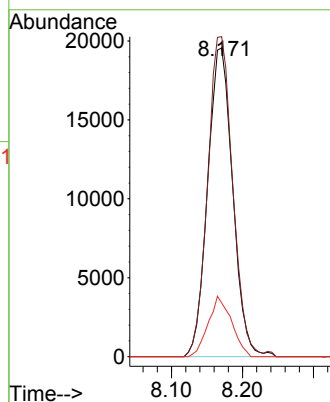
Tgt Ion:113 Resp: 47913

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

192 18.2 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.913 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082965.D

Acq: 17 Jul 2024 16:00

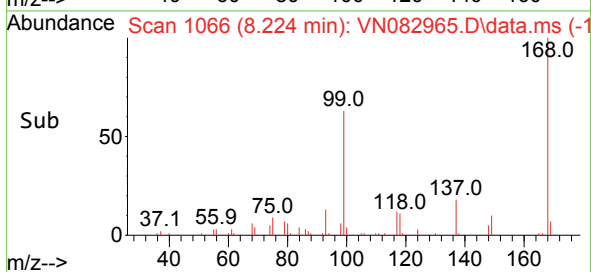
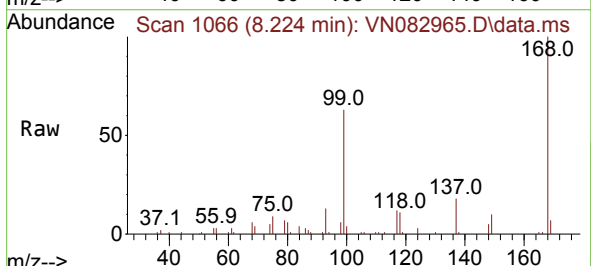
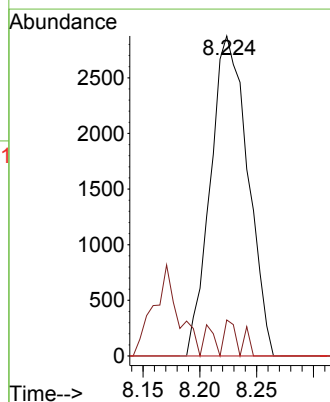
Tgt Ion: 75 Resp: 6580

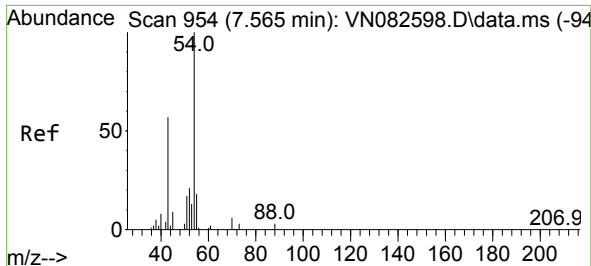
Ion Ratio Lower Upper

75 100

110 4.7 16.3 48.9#

77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.245 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

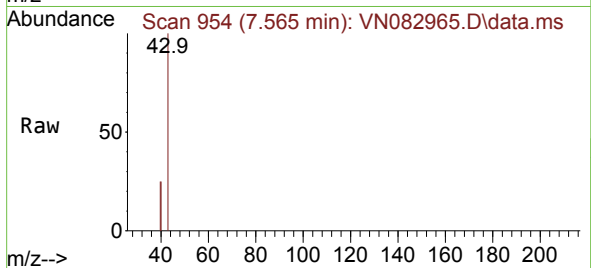
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Acq: 17 Jul 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :



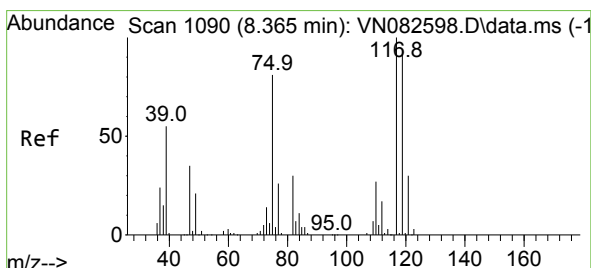
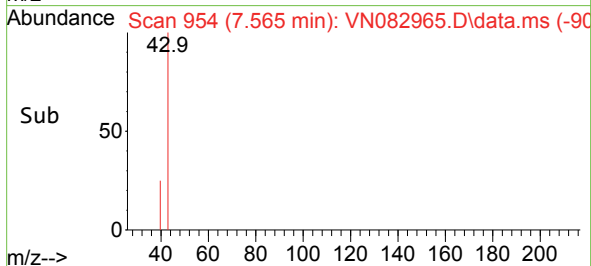
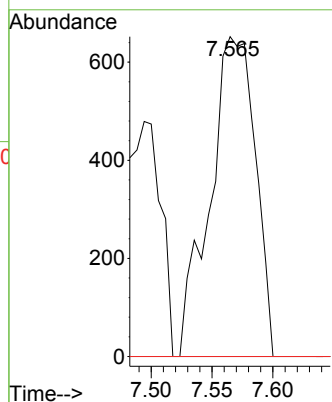
Tgt Ion: 43 Resp: 1697

Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.158 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082965.D

Acq: 17 Jul 2024 16:00

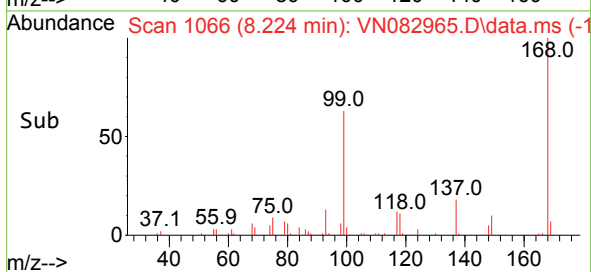
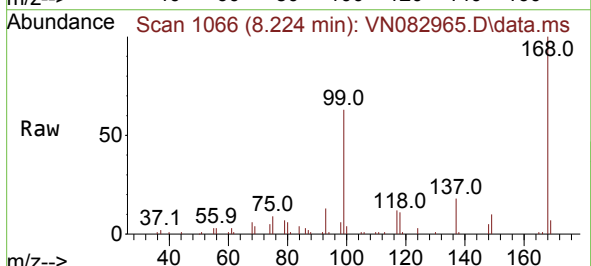
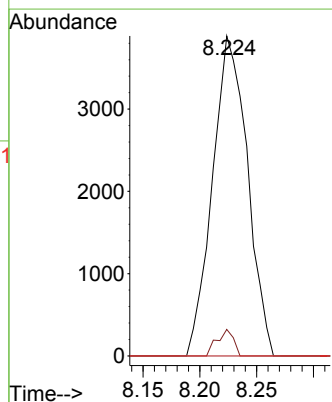
Tgt Ion: 117 Resp: 8317

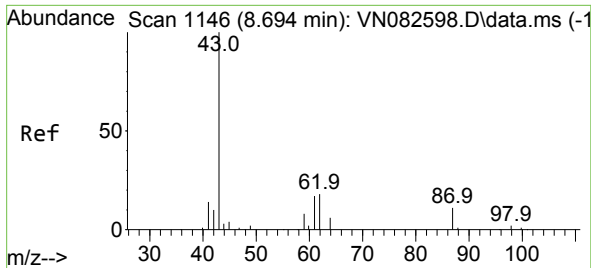
Ion Ratio Lower Upper

117 100

119 8.3 74.9 112.3#

121 0.0 24.3 36.5#

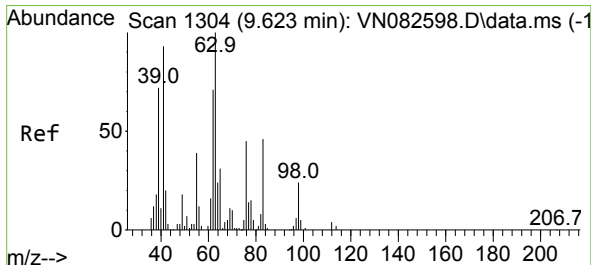
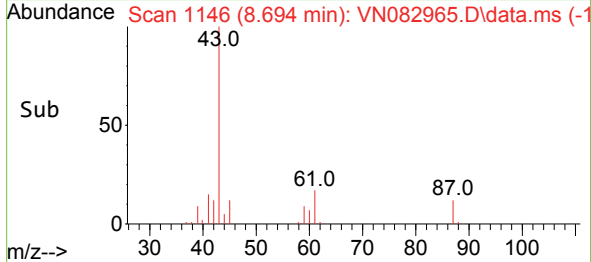
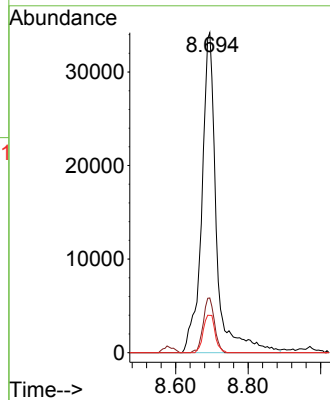
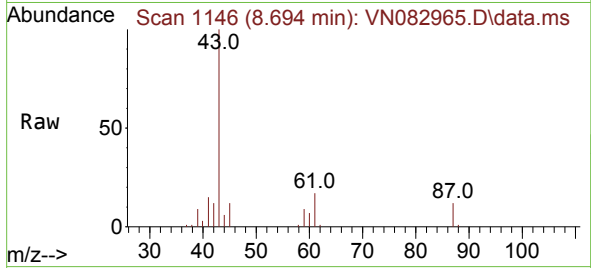




#43
Isopropyl Acetate
Concen: 36.554 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

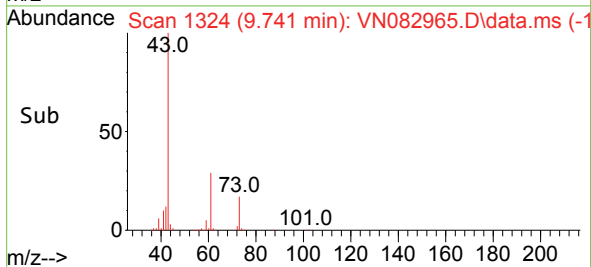
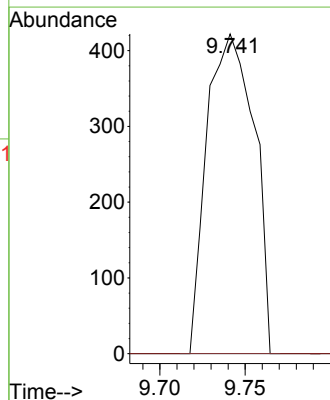
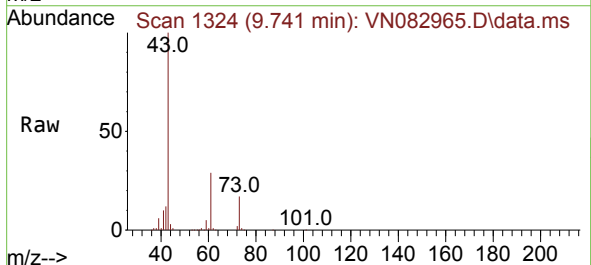
Instrument :
MSVOA_N
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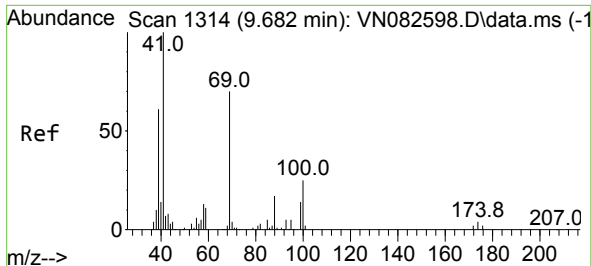
Tgt Ion: 43 Resp: 96029
Ion Ratio Lower Upper
43 100
61 13.1 17.8 26.6#
87 9.4 8.2 12.2



#45
1,2-Dichloropropane
Concen: 0.845 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

Tgt Ion: 63 Resp: 813
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#

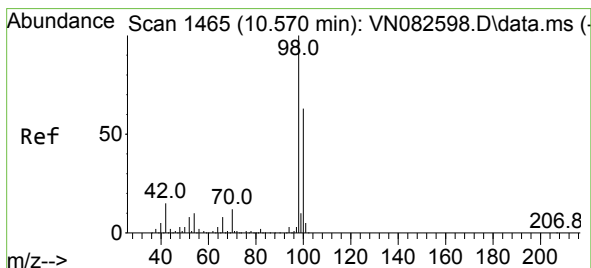
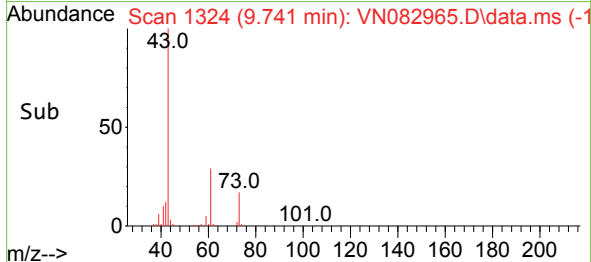
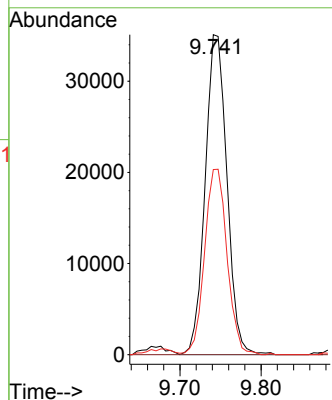
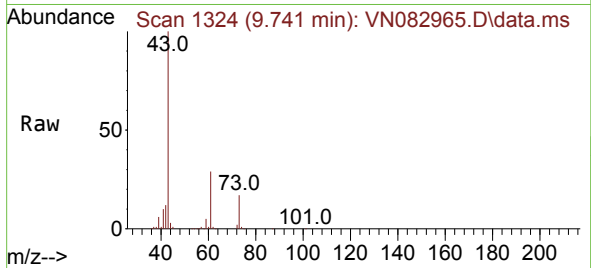




#48
Methyl methacrylate
Concen: 61.180 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

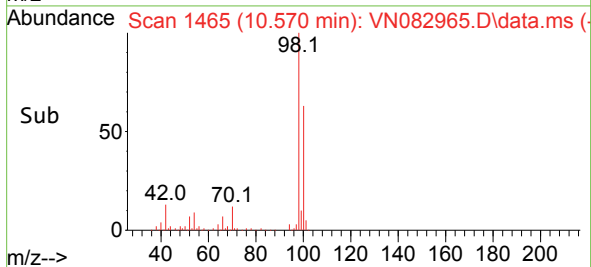
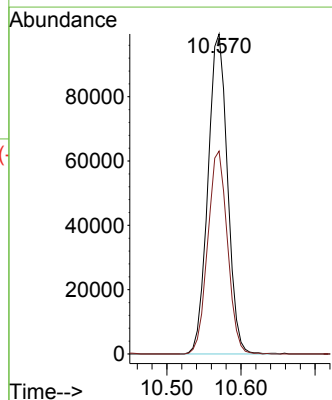
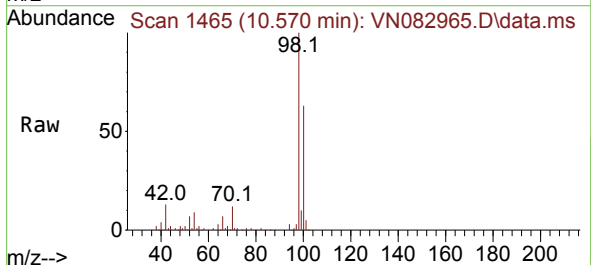
Instrument :
MSVOA_N
ClientSampleId :

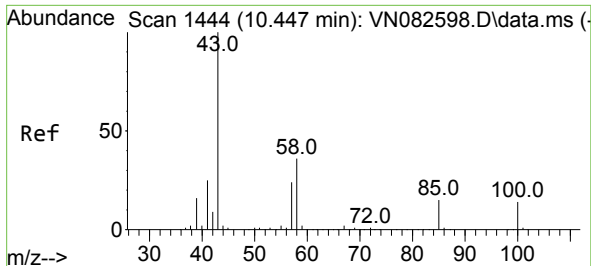
Tgt Ion: 41 Resp: 65407
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 59.8 50.3 75.5



#50
Toluene-d8
Concen: 50.808 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

Tgt Ion: 98 Resp: 182281
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3

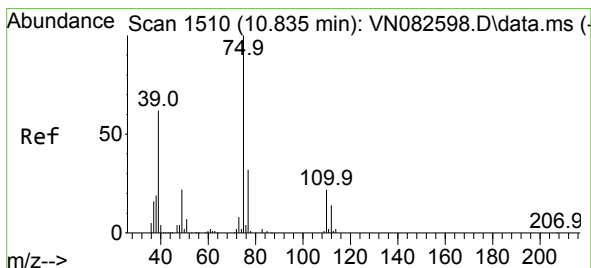
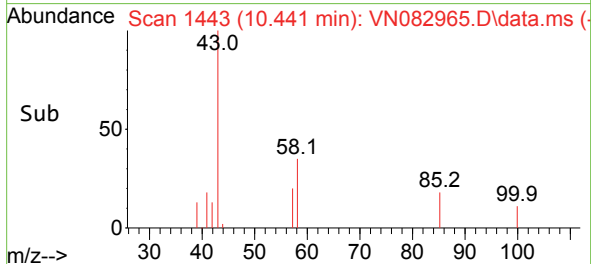
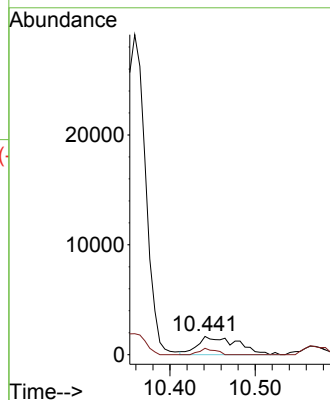
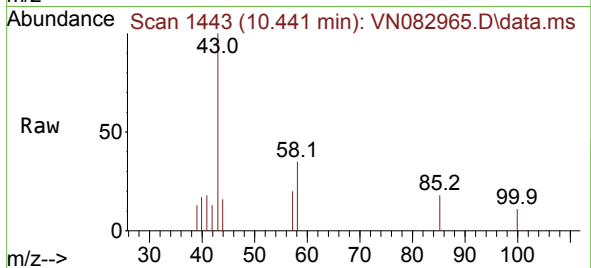




#51
4-Methyl-2-Pentanone
Concen: 4.001 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

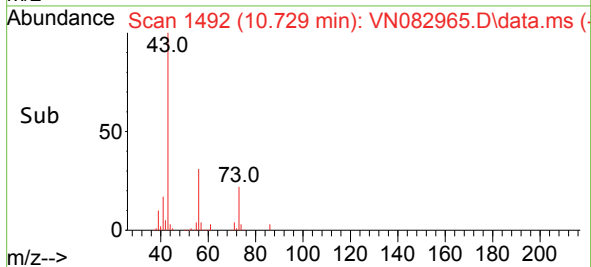
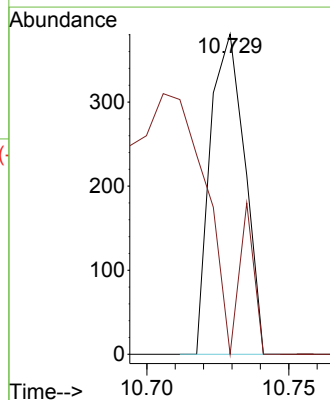
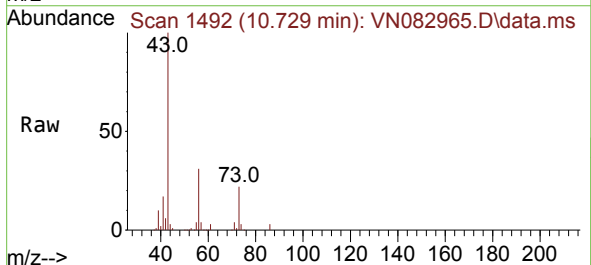
Instrument :
MSVOA_N
ClientSampleId :

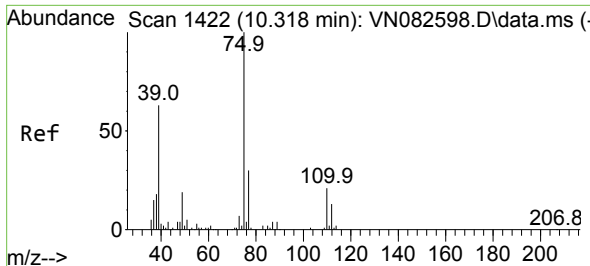
Tgt Ion: 43 Resp: 5408
Ion Ratio Lower Upper
43 100
58 14.1 28.2 42.4#



#53
t-1,3-Dichloropropene
Concen: 0.200 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

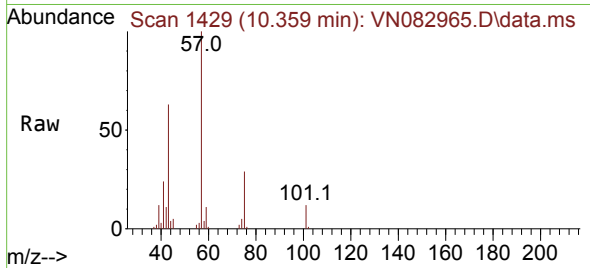
Tgt Ion: 75 Resp: 319
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



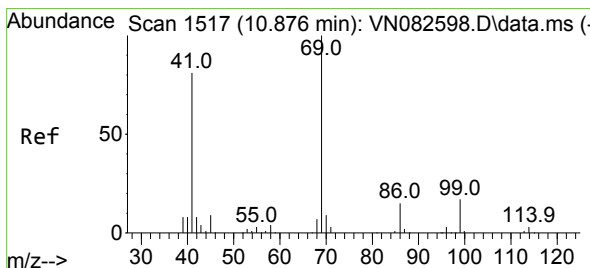
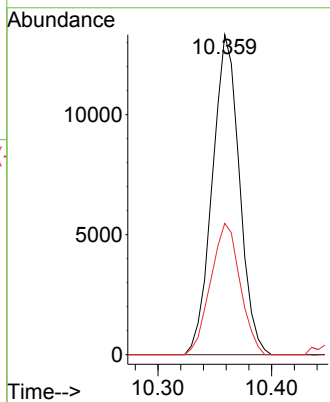
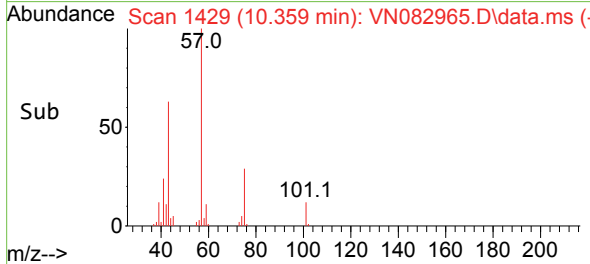


#54
cis-1,3-Dichloropropene
Concen: 13.074 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

Instrument :
MSVOA_N
ClientSampleId :

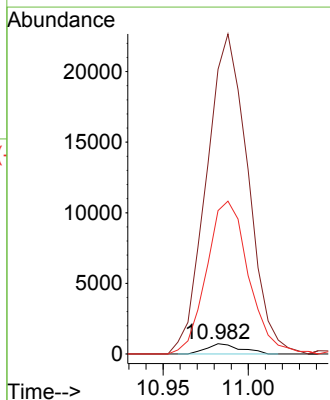
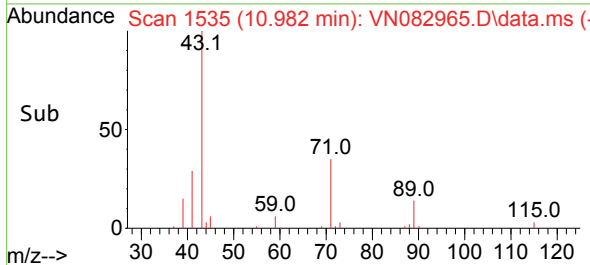
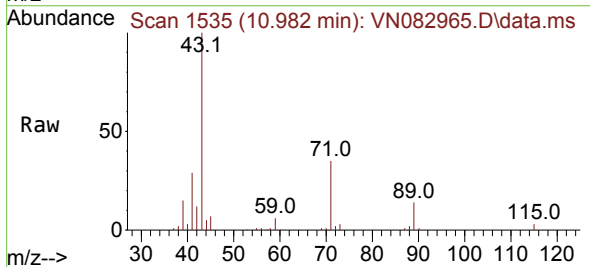


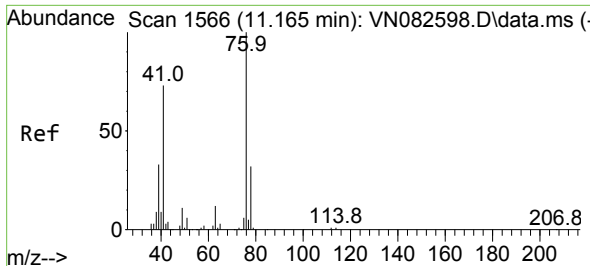
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.3	36.5#
39	41.1	50.5	75.7#



#56
Ethyl methacrylate
Concen: 0.681 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.106 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

Tgt Ion	Ratio	Lower	Upper
69	100		
41	3829.9	63.4	95.2#
39	1856.8	37.4	56.0#

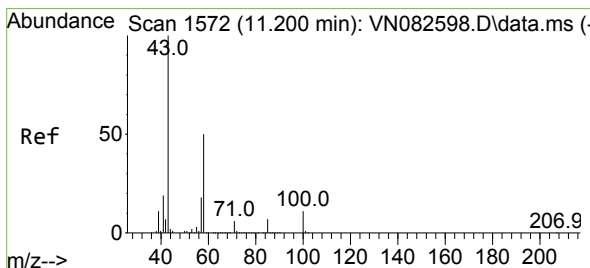
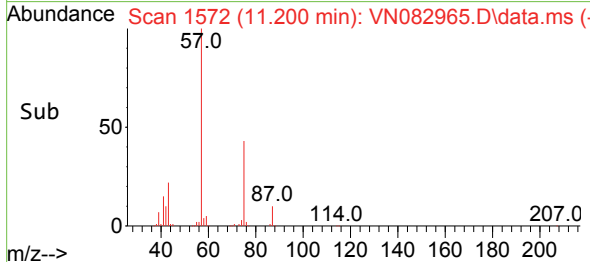
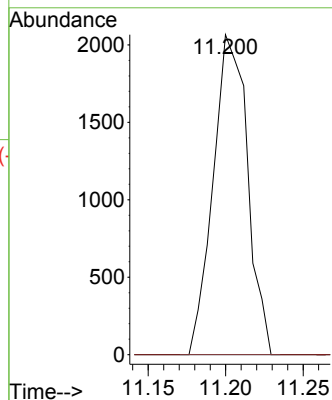
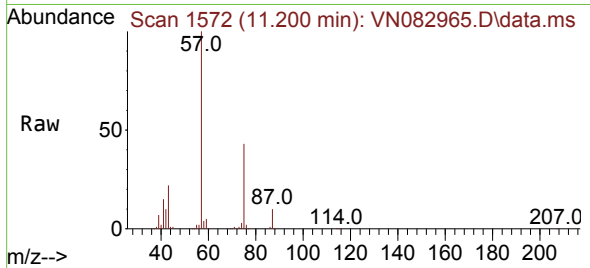




#57
1,3-Dichloropropane
Concen: 1.900 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

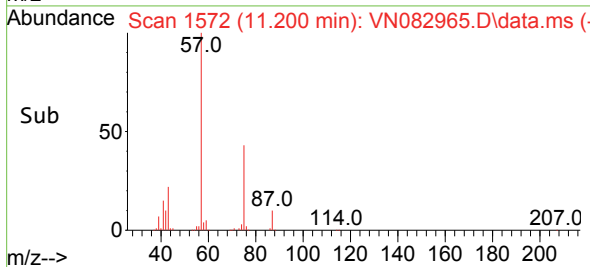
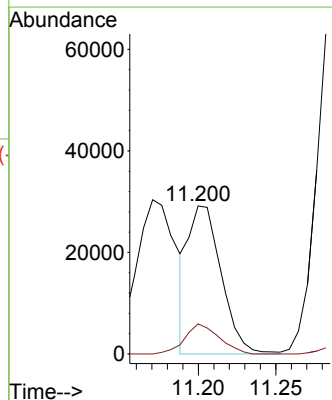
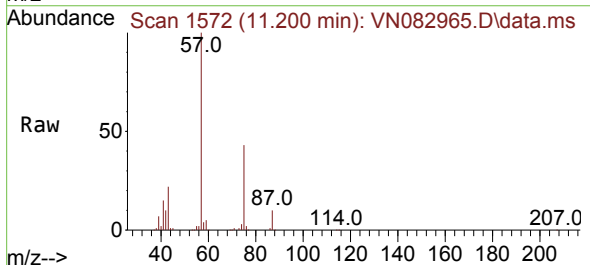
Instrument :
MSVOA_N
ClientSampleId :

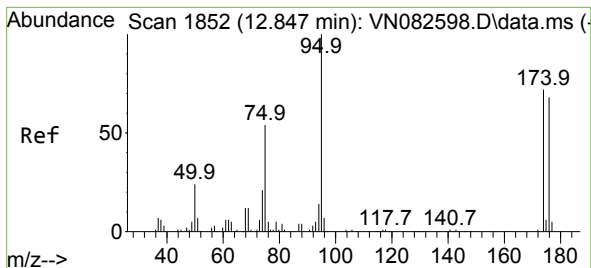
Tgt Ion: 76 Resp: 3183
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



#59
2-Hexanone
Concen: 43.167 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

Tgt Ion: 43 Resp: 43381
Ion Ratio Lower Upper
43 100
58 21.0 24.6 73.8#

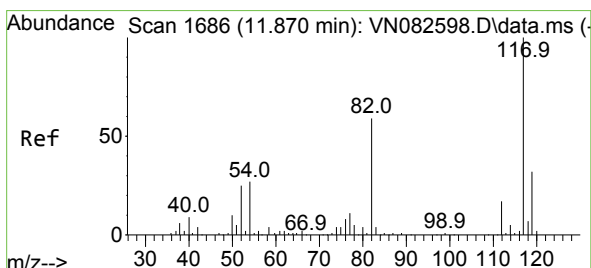
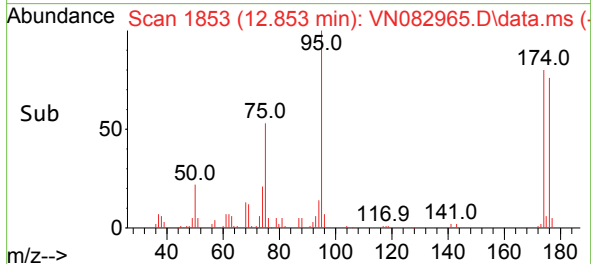
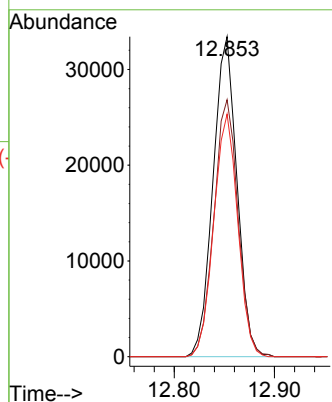
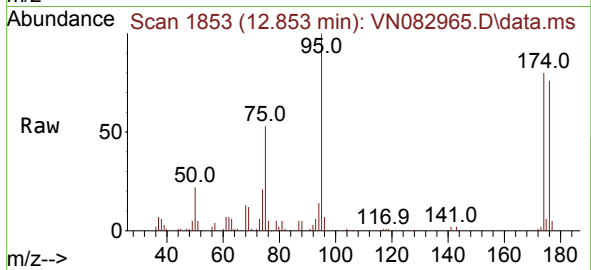




#62
4-Bromofluorobenzene
Concen: 42.871 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

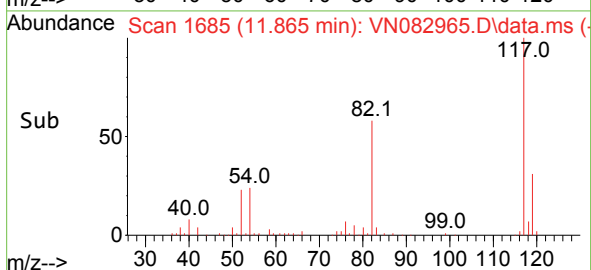
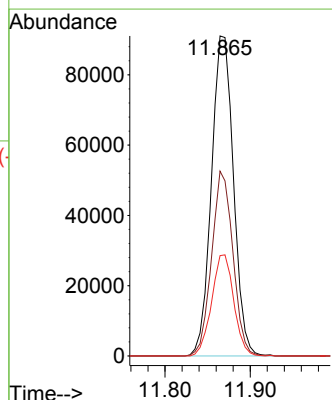
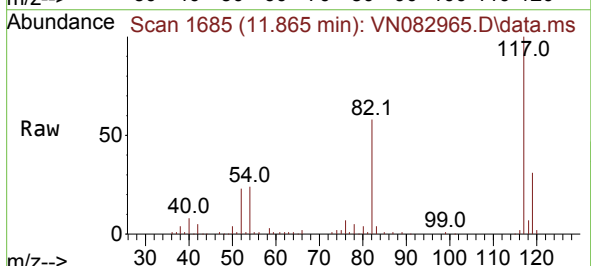
Instrument :
MSVOA_N
ClientSampleId :

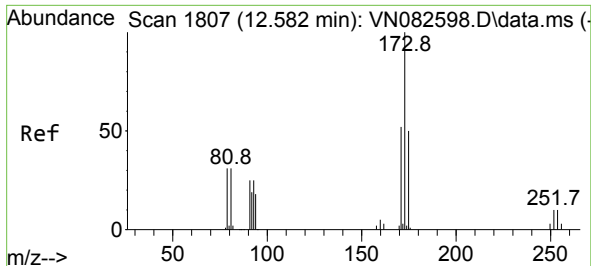
Tgt Ion: 95 Resp: 55248
Ion Ratio Lower Upper
95 100
174 81.5 0.0 159.2
176 76.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

Tgt Ion: 117 Resp: 163609
Ion Ratio Lower Upper
117 100
82 57.8 47.5 71.3
119 31.4 25.6 38.4

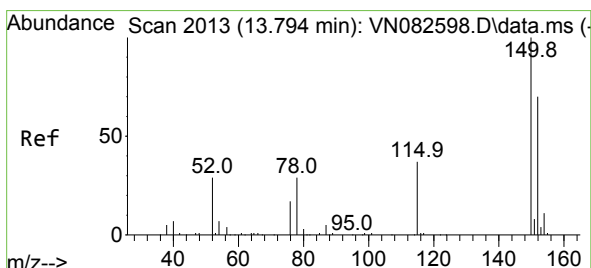
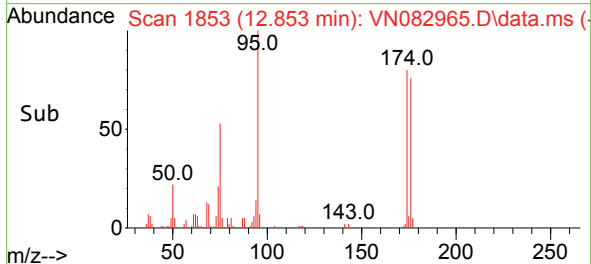
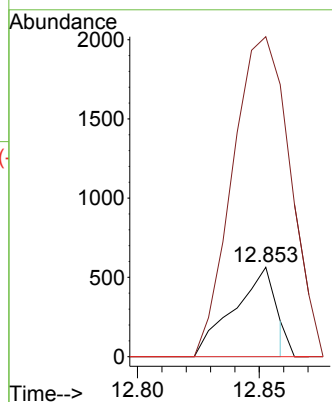
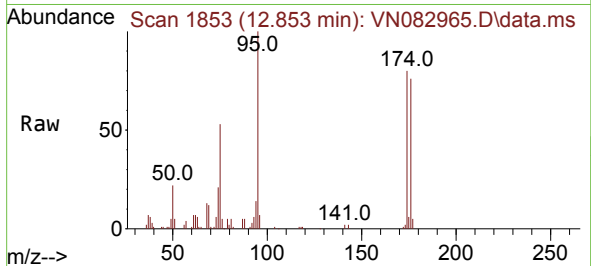




#71
Bromoform
Concen: 0.695 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

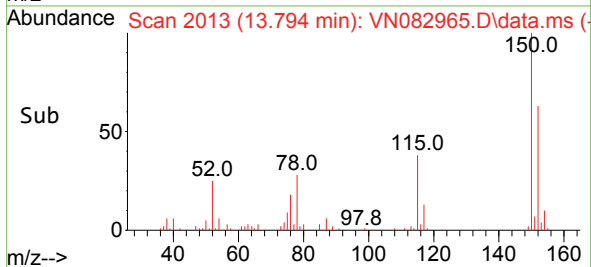
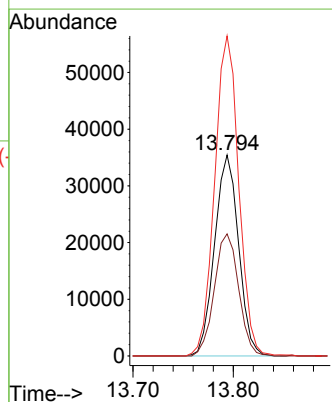
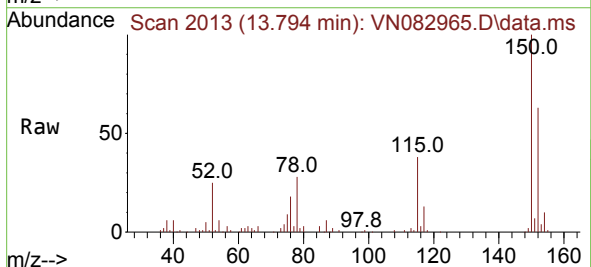
Instrument :
MSVOA_N
ClientSampleId :

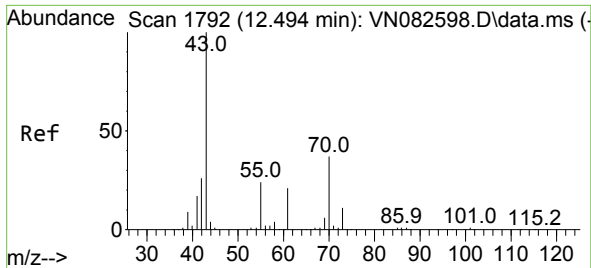
Tgt Ion:173 Resp: 682
Ion Ratio Lower Upper
173 100
175 416.7 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

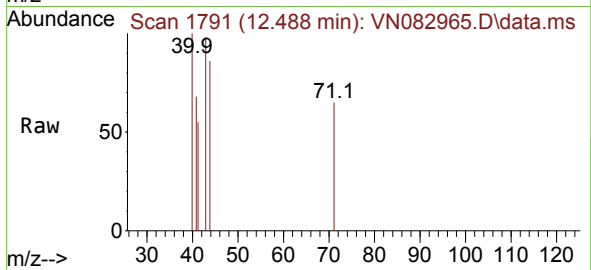
Tgt Ion:152 Resp: 58759
Ion Ratio Lower Upper
152 100
115 61.6 30.6 91.6
150 159.9 0.0 348.6



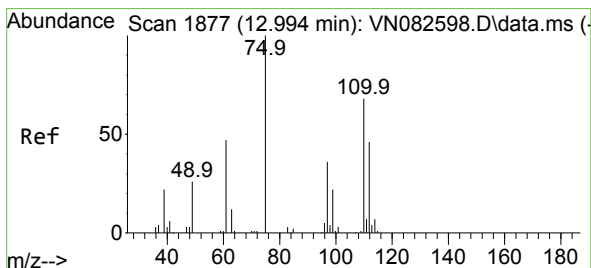
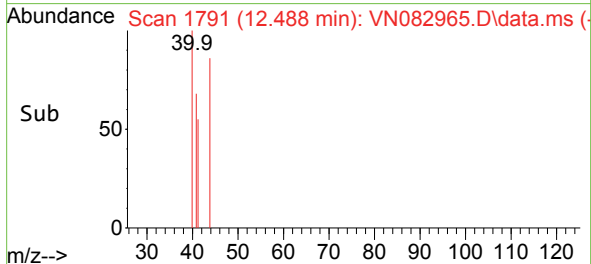
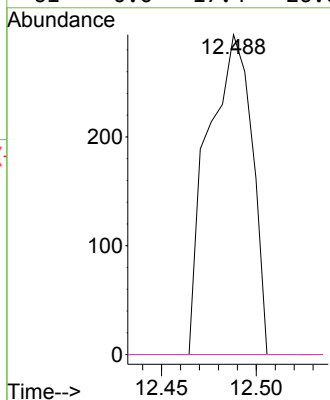


#74
N-amy1 acetate
Concen: 0.270 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

Instrument :
MSVOA_N
ClientSampleId :

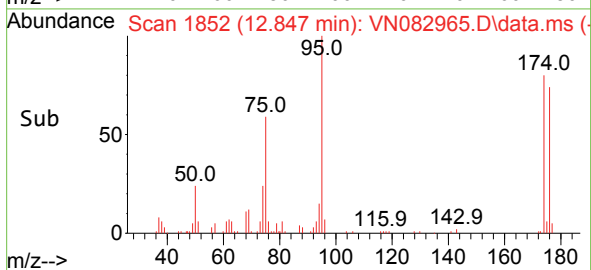
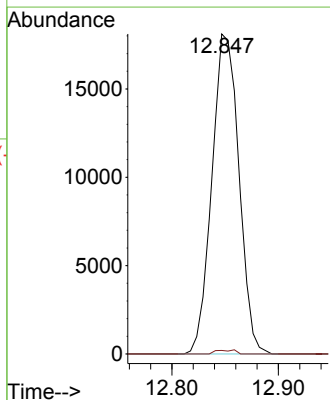
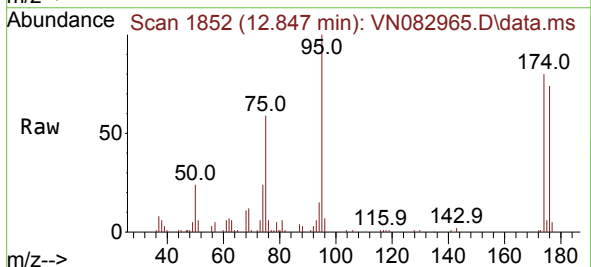


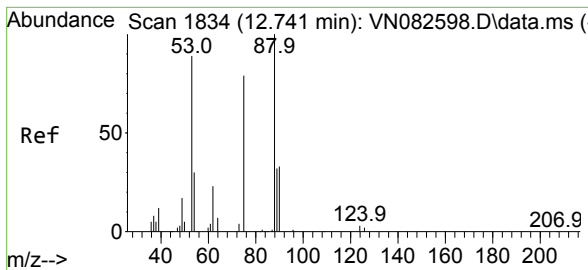
Tgt Ion: 43	Resp: 476
Ion Ratio	Lower Upper
43 100	
70 0.0	29.8 44.6#
55 0.0	18.7 28.1#
61 0.0	17.4 26.0#



#76
1,2,3-Trichloropropane
Concen: 31.520 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082965.D
Acq: 17 Jul 2024 16:00

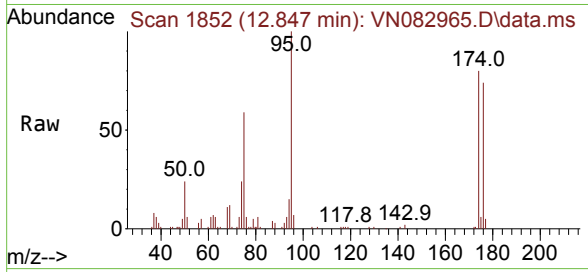
Tgt Ion: 75	Resp: 31931
Ion Ratio	Lower Upper
75 100	
77 0.9	110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.991 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN082965.D
 Acq: 17 Jul 2024 16:00

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	31931
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

