

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082721.D
 Acq On : 25 Jun 2024 16:35
 Operator : JC\MD
 Sample : P3008-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 26 01:25:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	130929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	253994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102968	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	125094	59.579	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.160%	
35) Dibromofluoromethane	8.165	113	91960	53.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.740%	
50) Toluene-d8	10.570	98	347866	53.386	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.780%	
62) 4-Bromofluorobenzene	12.853	95	106868	47.571	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.140%	

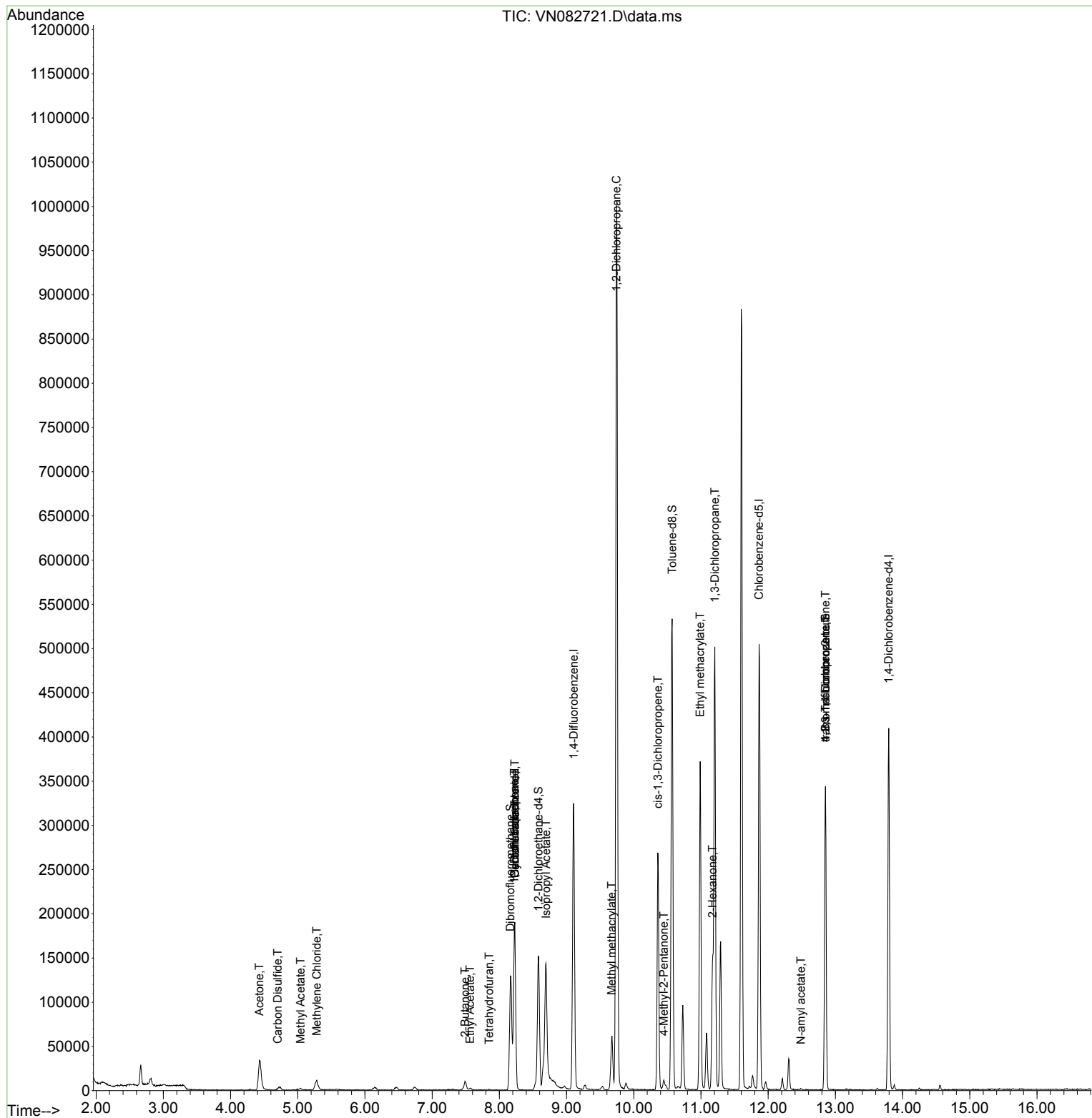
Target Compounds					Qvalue
16) Acetone	4.430	43	65592	68.691	ug/l 97
17) Carbon Disulfide	4.700	76	1882	0.407	ug/l # 75
18) Methyl Acetate	5.041	43	3344	1.432	ug/l # 69
20) Methylene Chloride	5.283	84	7718	4.597	ug/l # 70
25) 2-Butanone	7.488	43	16098	11.861	ug/l 98
29) Tetrahydrofuran	7.847	42	444	0.534	ug/l # 50
31) Cyclohexane	8.229	56	3708	1.224	ug/l # 43
36) 1,1-Dichloropropene	8.224	75	12335	4.789	ug/l # 49
37) Ethyl Acetate	7.565	43	4275	1.303	ug/l # 79
38) Carbon Tetrachloride	8.229	117	14430	4.971	ug/l # 16
43) Isopropyl Acetate	8.694	43	197227	32.164	ug/l # 83
45) 1,2-Dichloropropane	9.741	63	1124	0.549	ug/l # 44
48) Methyl methacrylate	9.671	41	4535	1.794	ug/l # 55
51) 4-Methyl-2-Pentanone	10.447	43	10821	3.441	ug/l # 81
54) cis-1,3-Dichloropropene	10.359	75	40858	13.054	ug/l # 70
56) Ethyl methacrylate	10.988	69	2255	0.780	ug/l # 1
57) 1,3-Dichloropropane	11.206	76	4464	1.383	ug/l # 43
59) 2-Hexanone	11.170	43	113673	47.554	ug/l # 28
74) N-amyl acetate	12.488	43	1416	0.339	ug/l # 46
76) 1,2,3-Trichloropropane	12.853	75	62852	24.957	ug/l # 1
81) trans-1,4-Dichloro-2-b...	12.853	75	62852	59.707	ug/l # 6

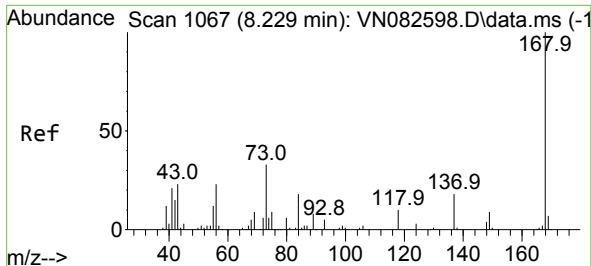
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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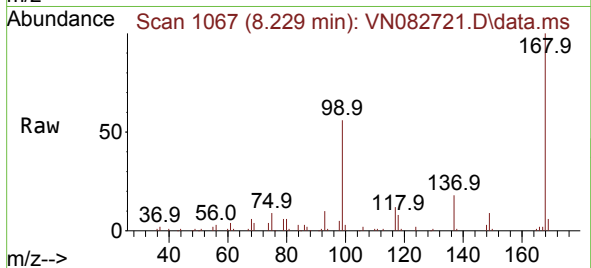
Quant Time: Jun 26 01:25:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration



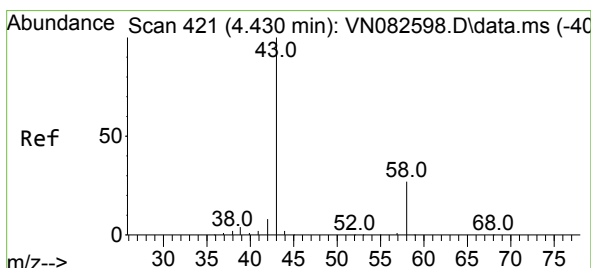
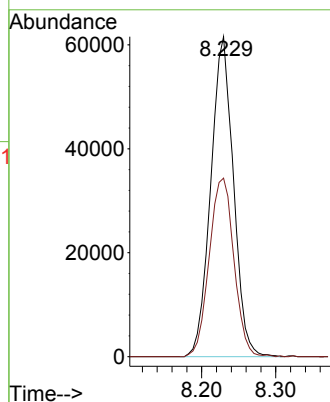
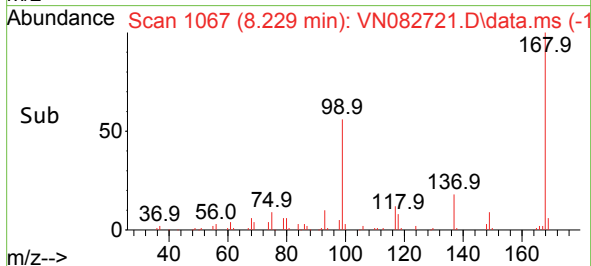


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

Instrument :
MSVOA_N
ClientSampleId :

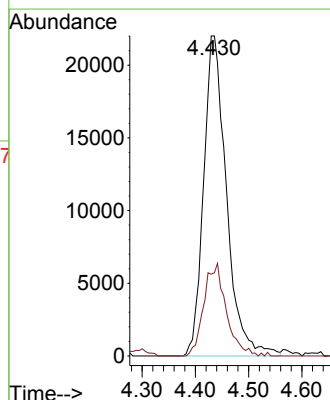
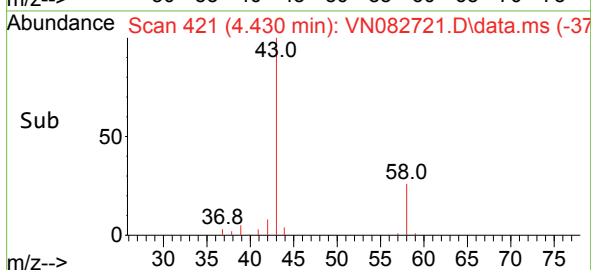
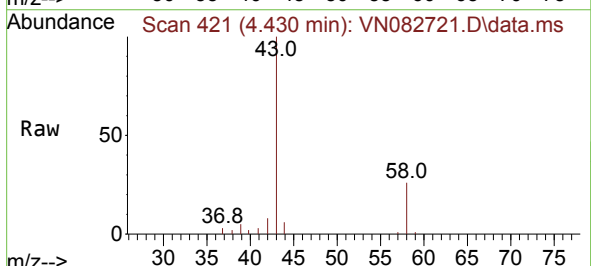


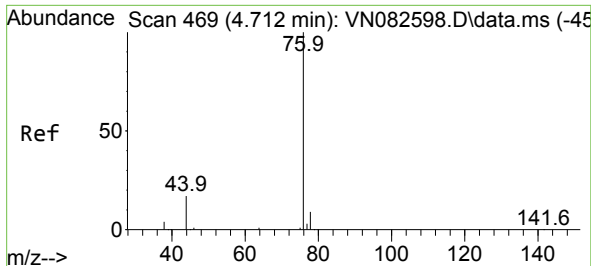
Tgt Ion:168 Resp: 130929
Ion Ratio Lower Upper
168 100
99 55.8 48.2 72.4



#16
Acetone
Concen: 68.691 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

Tgt Ion: 43 Resp: 65592
Ion Ratio Lower Upper
43 100
58 25.5 21.8 32.6

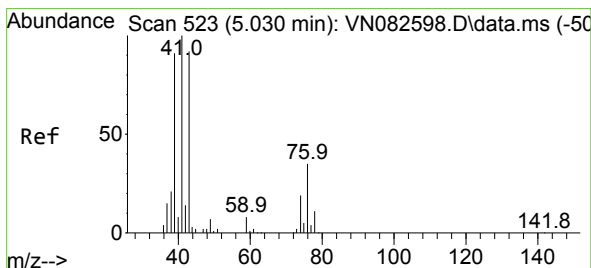
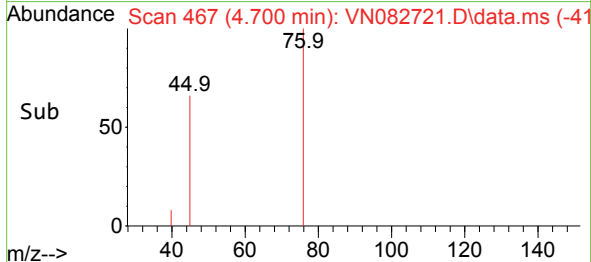
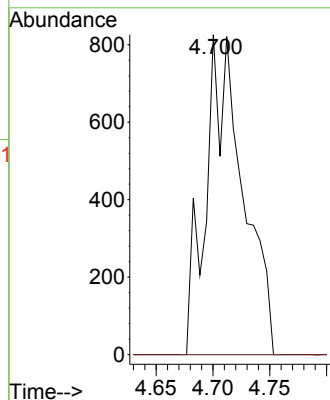
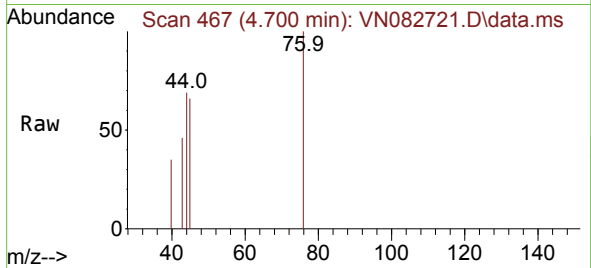




#17
Carbon Disulfide
Concen: 0.407 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

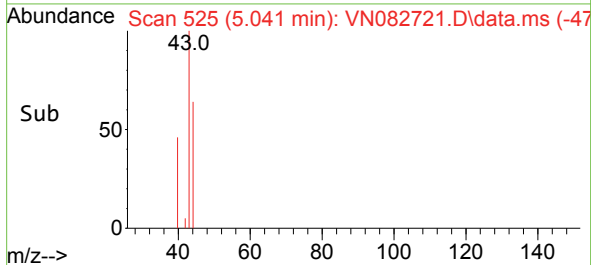
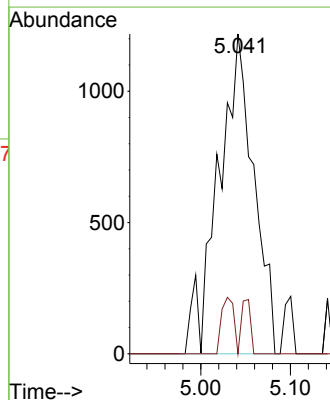
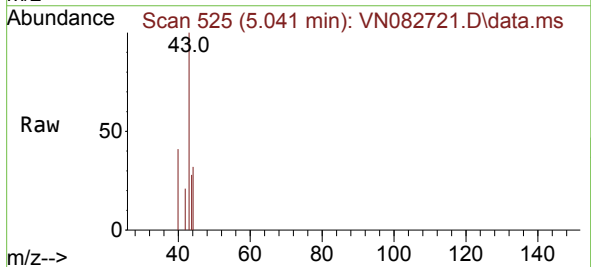
Instrument :
MSVOA_N
ClientSampleId :

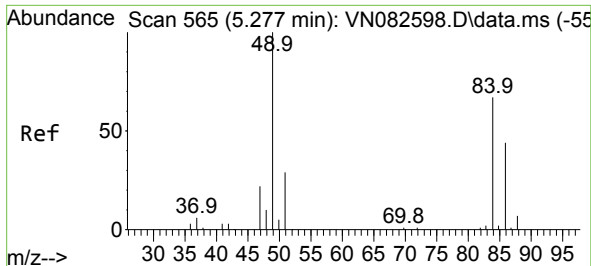
Tgt Ion: 76 Resp: 1882
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.432 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.012 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

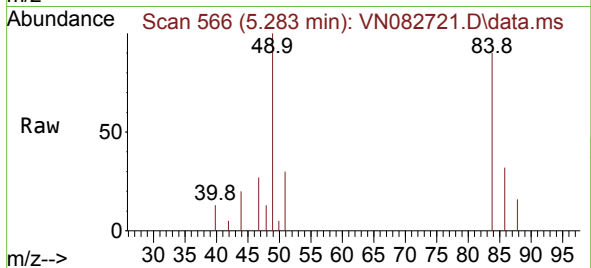
Tgt Ion: 43 Resp: 3344
Ion Ratio Lower Upper
43 100
74 6.1 16.3 24.5#



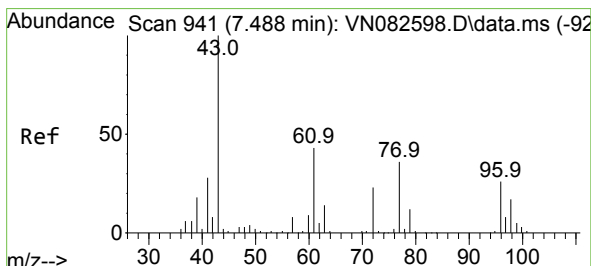
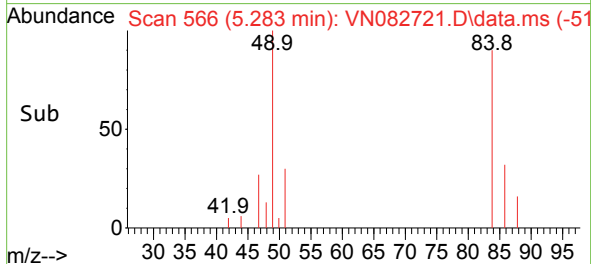
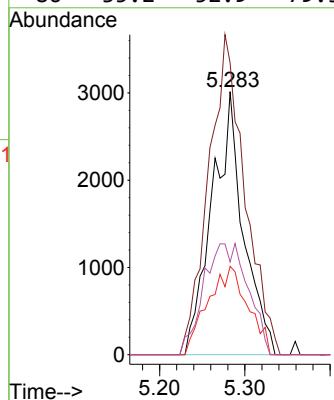


#20
Methylene Chloride
Concen: 4.597 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

Instrument :
MSVOA_N
ClientSampleId :

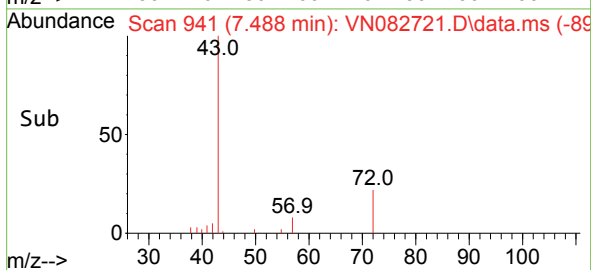
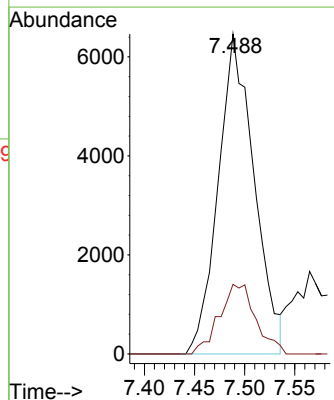
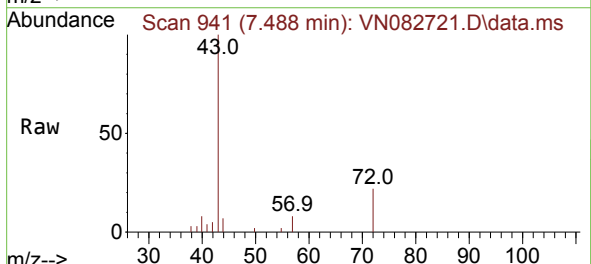


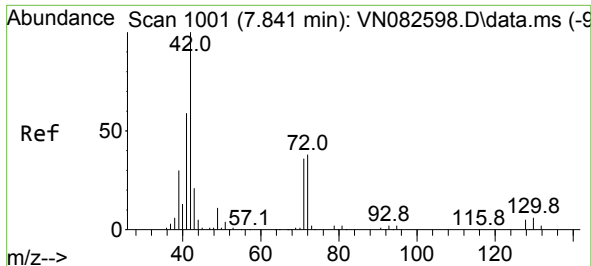
Tgt Ion: 84 Resp: 7718
Ion Ratio Lower Upper
84 100
49 110.9 119.6 179.4#
51 33.6 34.8 52.2#
86 35.2 52.9 79.3#



#25
2-Butanone
Concen: 11.861 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

Tgt Ion: 43 Resp: 16098
Ion Ratio Lower Upper
43 100
72 21.7 18.2 27.2





#29

Tetrahydrofuran

Concen: 0.534 ug/l

RT: 7.847 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN082721.D

Acq: 25 Jun 2024 16:35

Instrument :

MSVOA_N

ClientSampleId :

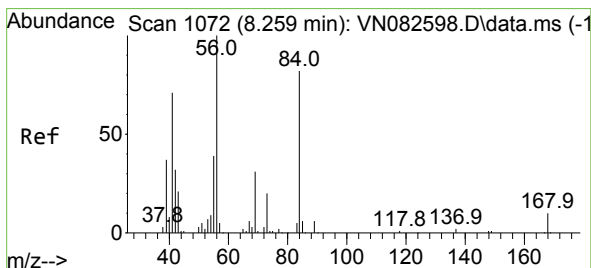
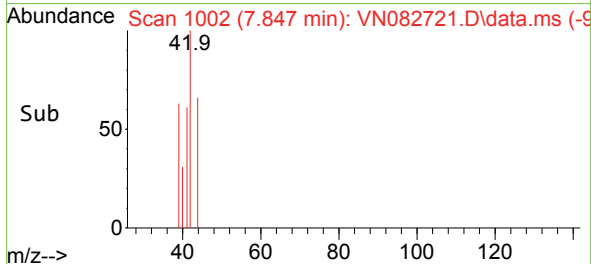
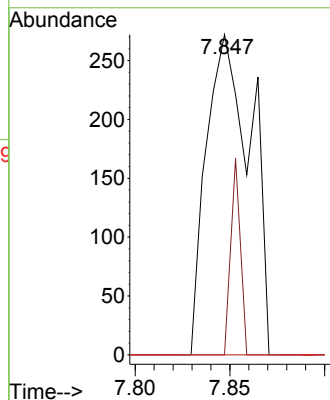
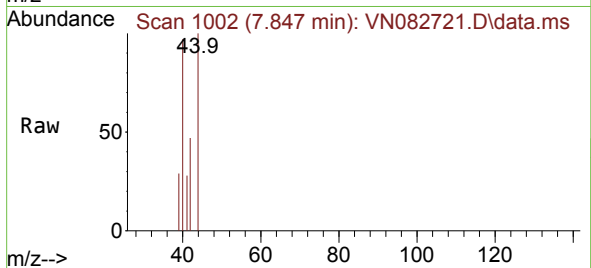
Tgt Ion: 42 Resp: 444

Ion Ratio Lower Upper

42 100

72 13.3 30.0 45.0#

71 0.0 28.3 42.5#



#31

Cyclohexane

Concen: 1.224 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN082721.D

Acq: 25 Jun 2024 16:35

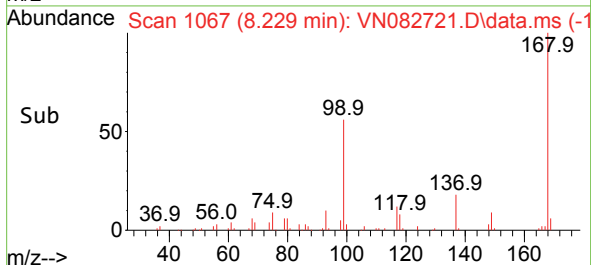
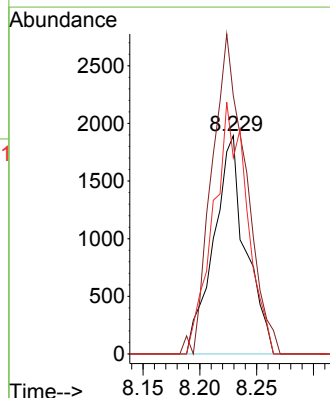
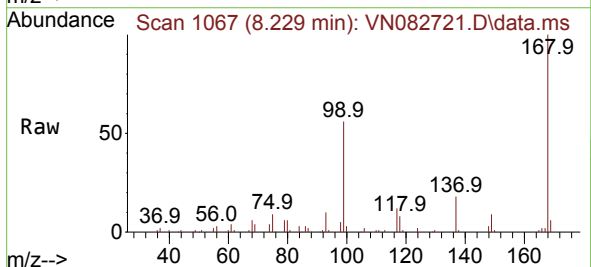
Tgt Ion: 56 Resp: 3708

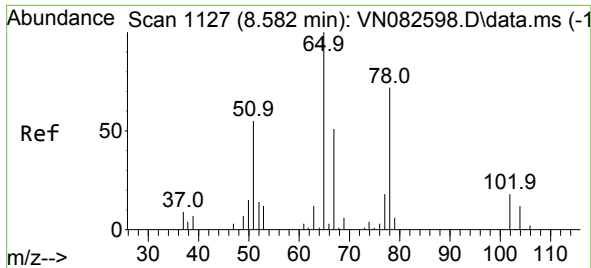
Ion Ratio Lower Upper

56 100

69 118.3 24.5 36.7#

84 99.0 66.0 99.0

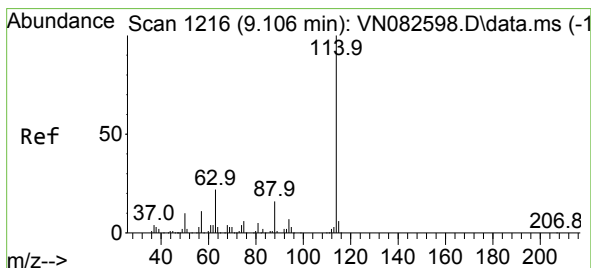
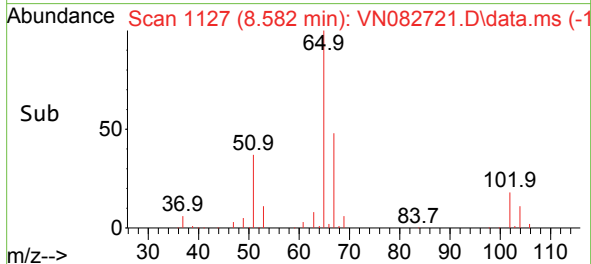
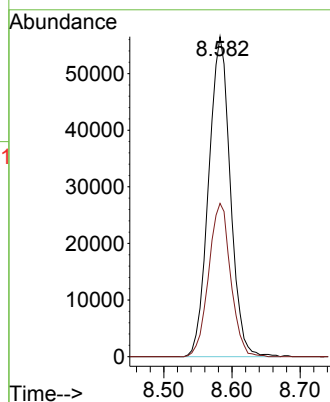
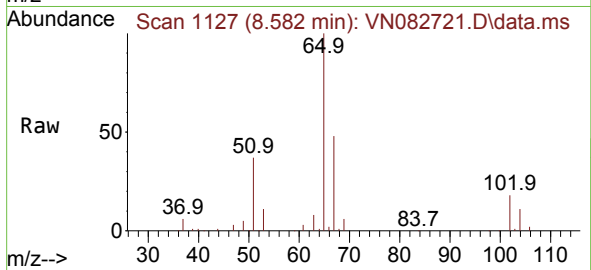




#33
 1,2-Dichloroethane-d4
 Concen: 59.579 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082721.D
 Acq: 25 Jun 2024 16:35

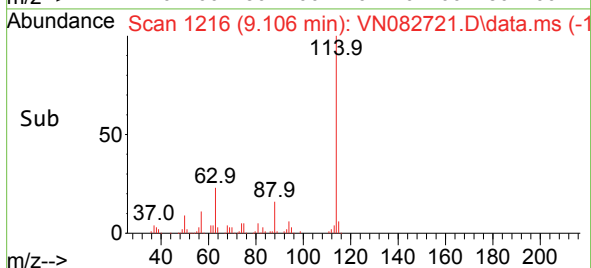
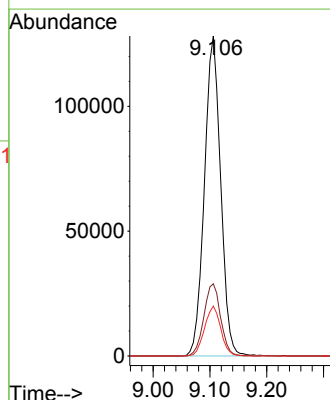
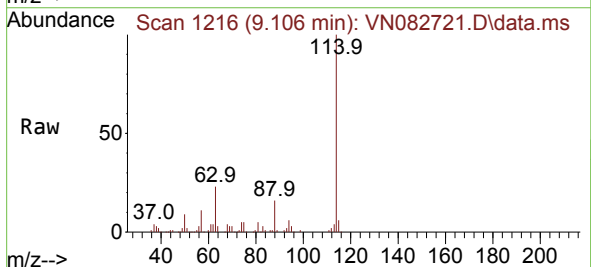
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 MSVOA_N
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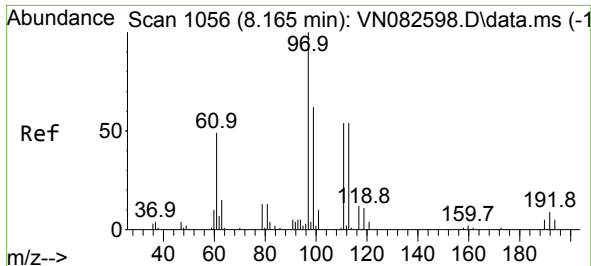
Tgt Ion: 65 Resp: 125094
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082721.D
 Acq: 25 Jun 2024 16:35

Tgt Ion: 114 Resp: 253994
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.6
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.370 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082721.D

Acq: 25 Jun 2024 16:35

Instrument :

MSVOA_N

ClientSampleId :

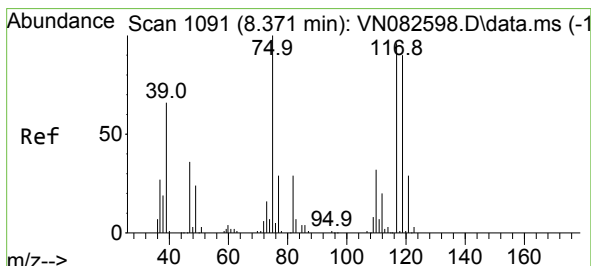
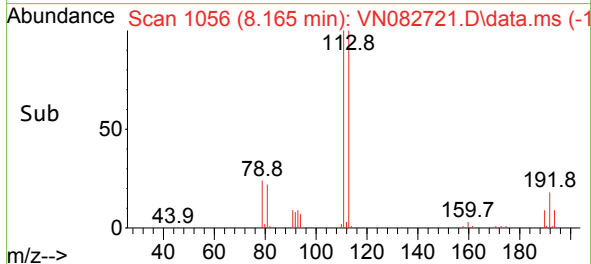
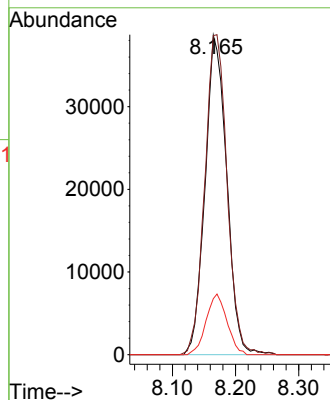
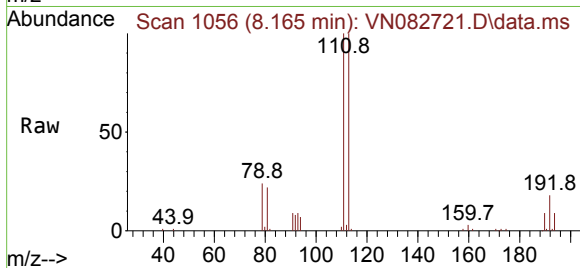
Tgt Ion:113 Resp: 91960

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 18.3 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.789 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082721.D

Acq: 25 Jun 2024 16:35

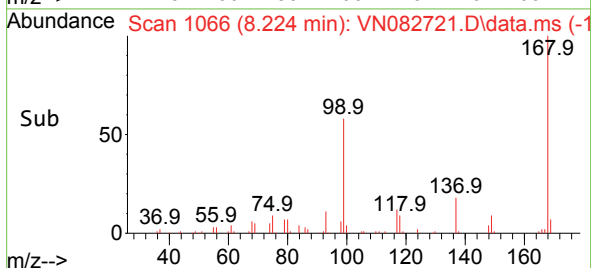
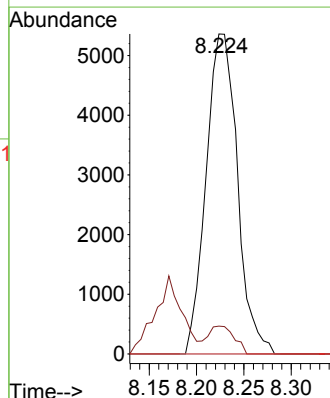
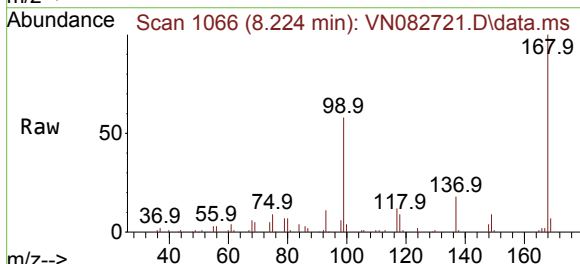
Tgt Ion: 75 Resp: 12335

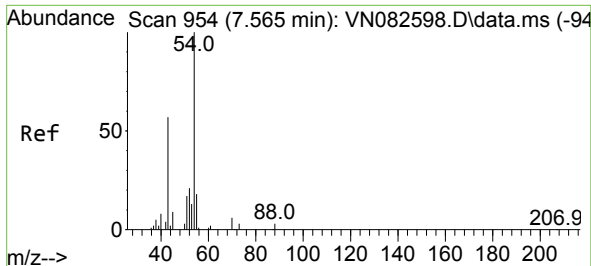
Ion Ratio Lower Upper

75 100

110 7.0 16.3 48.9#

77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.303 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

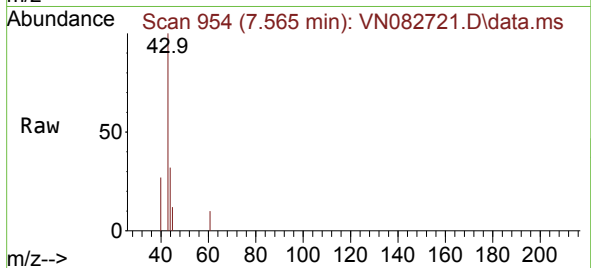
Lab File: VN082721.D

Acq: 25 Jun 2024 16:35

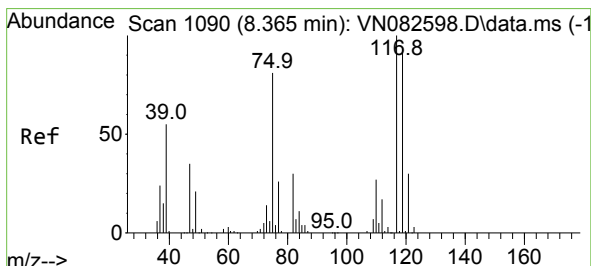
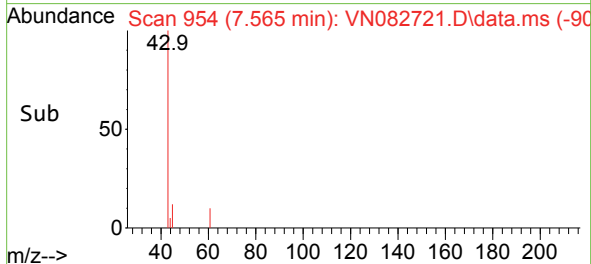
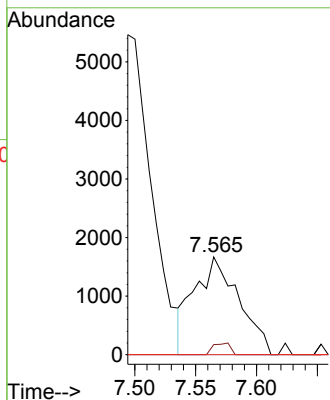
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	4275
Ion	Ratio	Lower	Upper
43	100		
61	4.5	9.3	13.9#
70	0.0	7.0	10.6#



#38

Carbon Tetrachloride

Concen: 4.971 ug/l

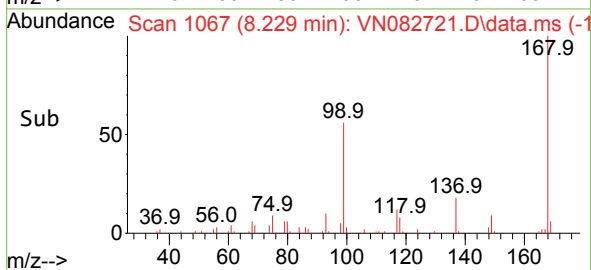
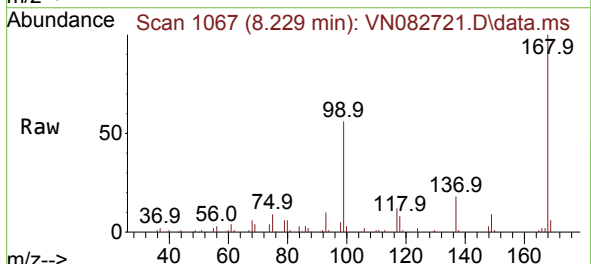
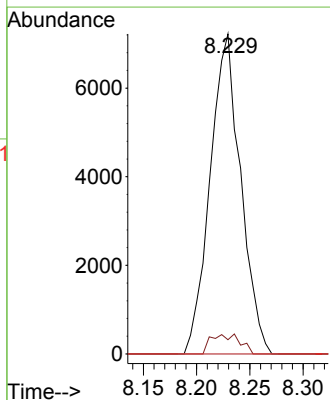
RT: 8.229 min Scan# 1067

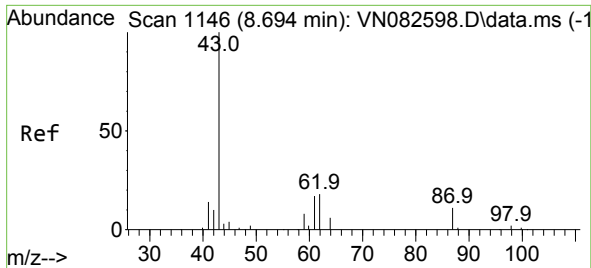
Delta R.T. -0.135 min

Lab File: VN082721.D

Acq: 25 Jun 2024 16:35

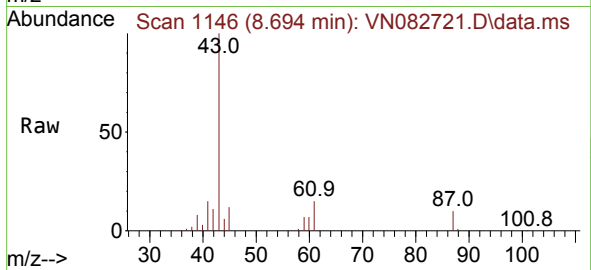
Tgt Ion:	117	Resp:	14430
Ion	Ratio	Lower	Upper
117	100		
119	4.4	74.9	112.3#
121	0.0	24.3	36.5#



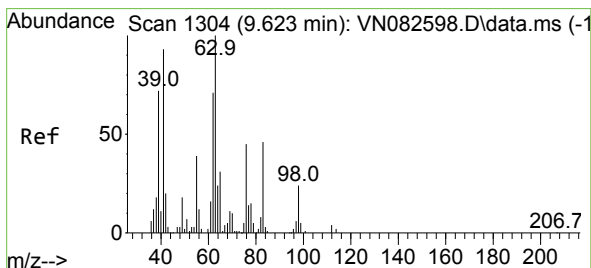
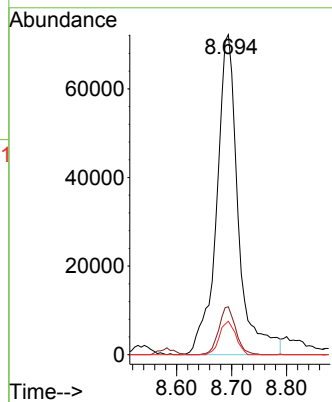
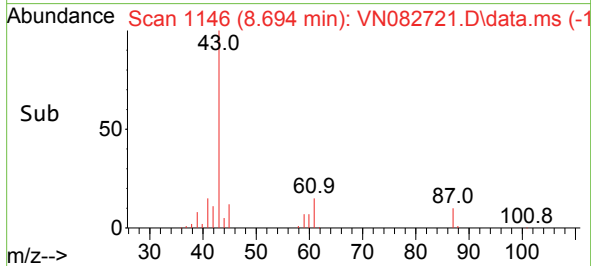


#43
Isopropyl Acetate
Concen: 32.164 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

Instrument :
MSVOA_N
ClientSampleId :

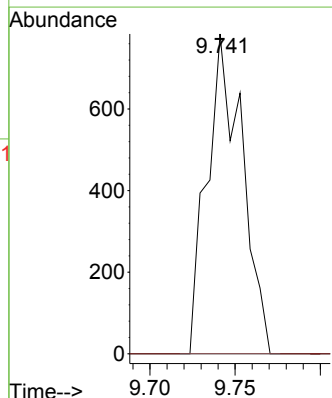
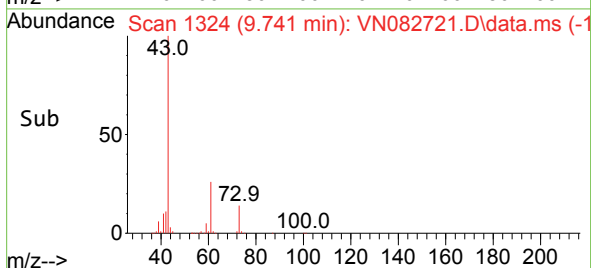
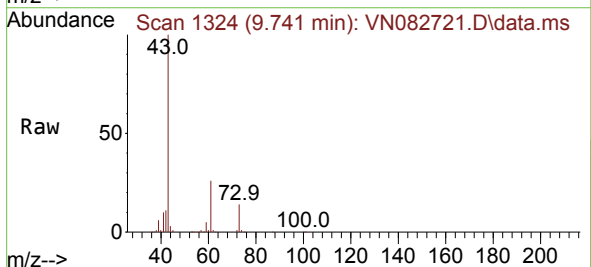


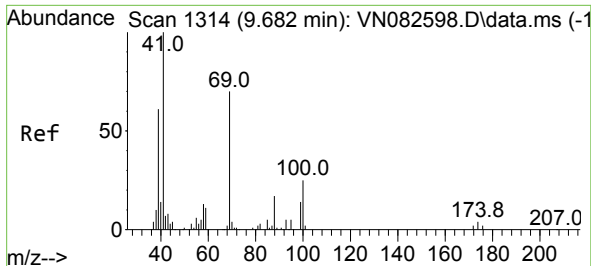
Tgt Ion: 43 Resp: 197227
Ion Ratio Lower Upper
43 100
61 11.7 17.8 26.6#
87 7.8 8.2 12.2#



#45
1,2-Dichloropropane
Concen: 0.549 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

Tgt Ion: 63 Resp: 1124
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#

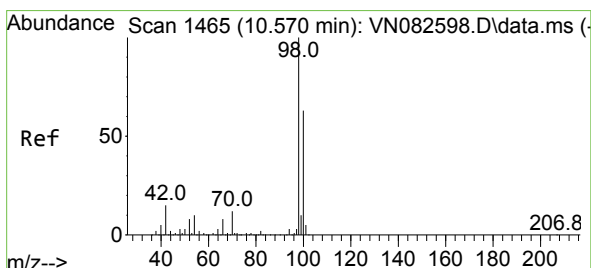
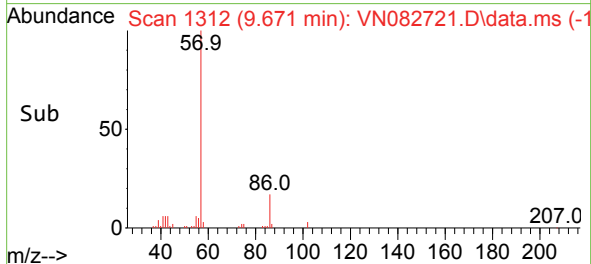
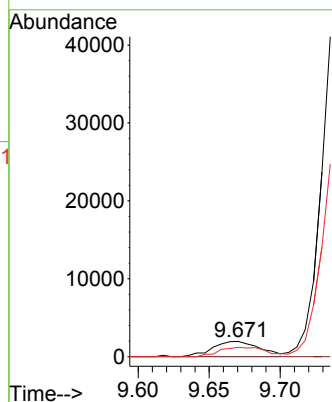
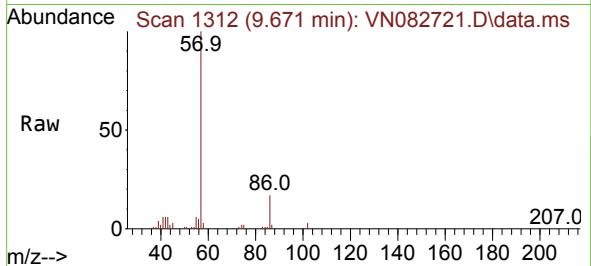




#48
Methyl methacrylate
Concen: 1.794 ug/l
RT: 9.671 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

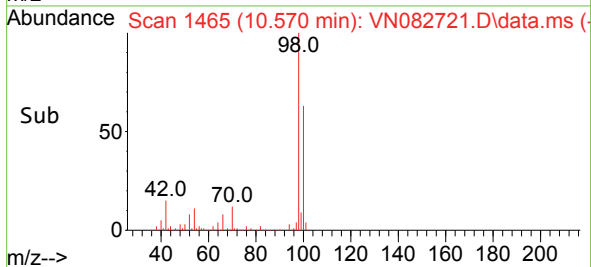
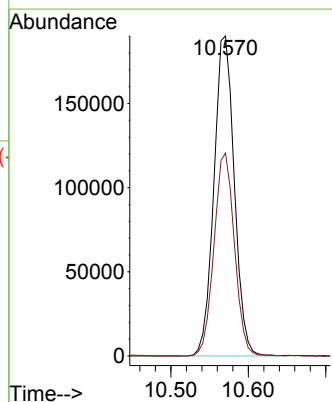
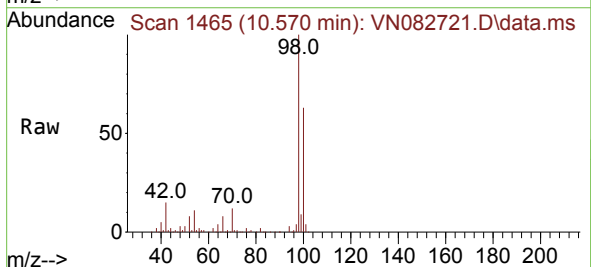
Instrument :
MSVOA_N
ClientSampleId :

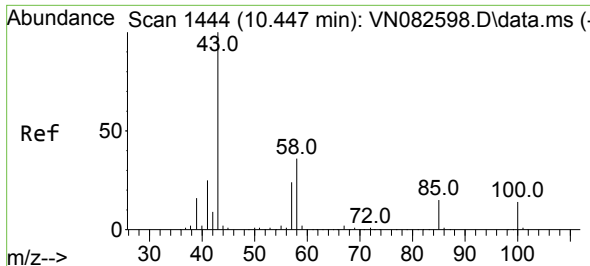
Tgt Ion: 41 Resp: 4535
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 63.2 50.3 75.5



#50
Toluene-d8
Concen: 53.386 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

Tgt Ion: 98 Resp: 347866
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3

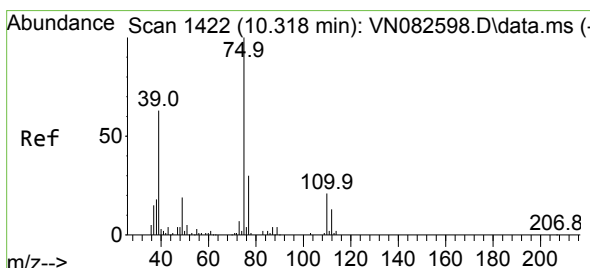
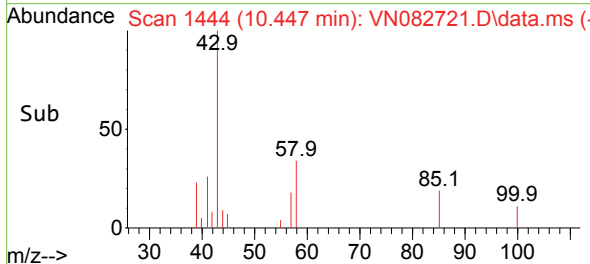
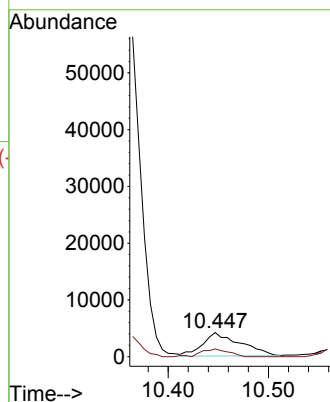
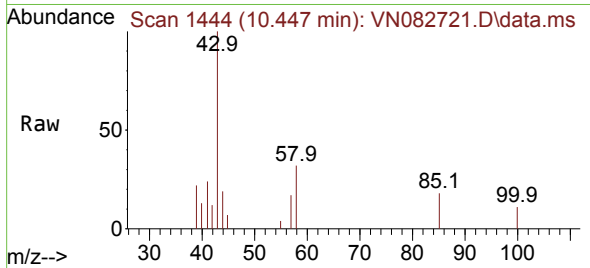




#51
4-Methyl-2-Pentanone
Concen: 3.441 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

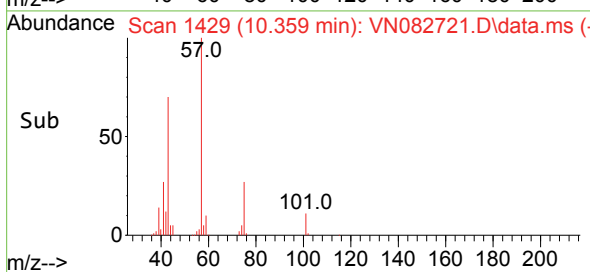
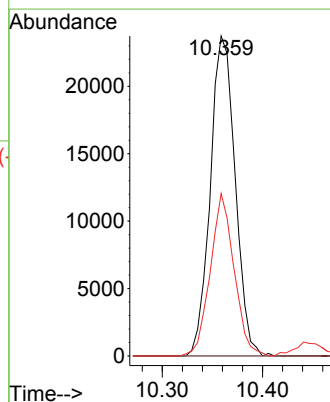
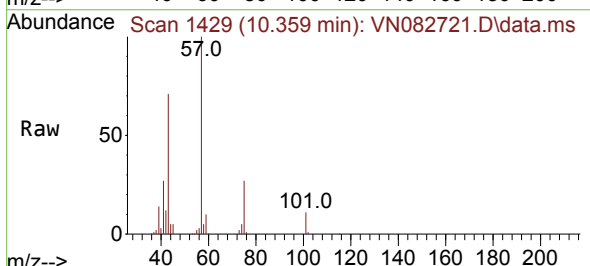
Instrument :
MSVOA_N
ClientSampleId :

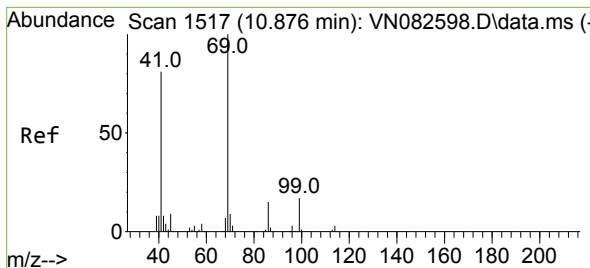
Tgt Ion: 43 Resp: 10821
Ion Ratio Lower Upper
43 100
58 24.0 28.2 42.4#



#54
cis-1,3-Dichloropropene
Concen: 13.054 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

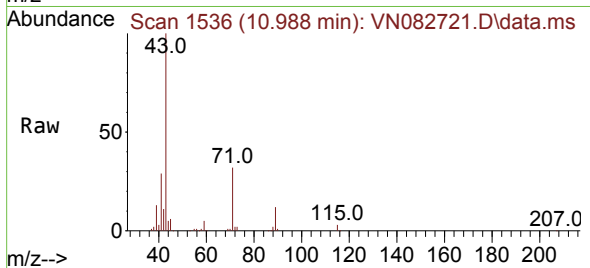
Tgt Ion: 75 Resp: 40858
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 49.7 50.5 75.7#



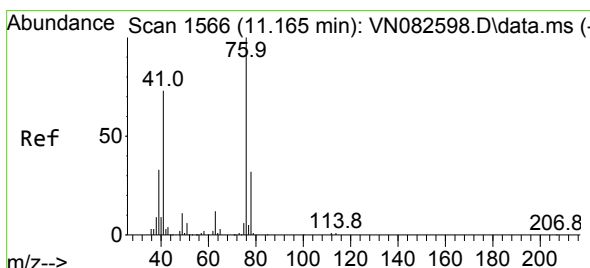
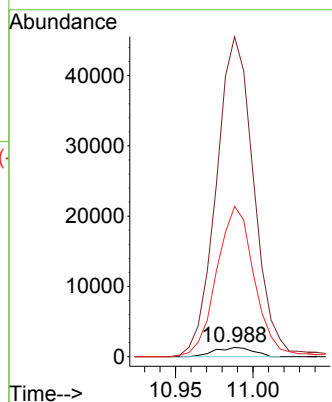
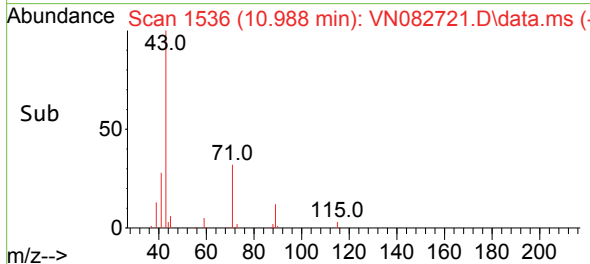


#56
Ethyl methacrylate
Concen: 0.780 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

Instrument :
MSVOA_N
ClientSampleId :

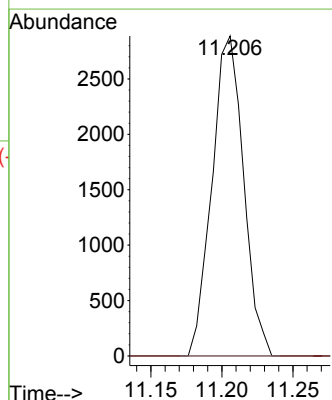
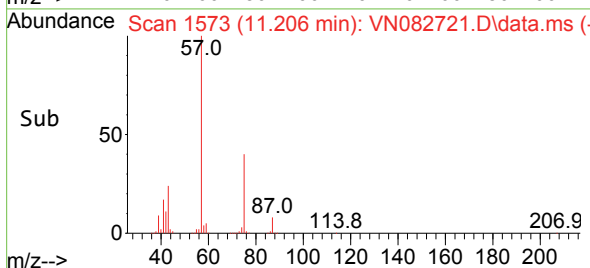
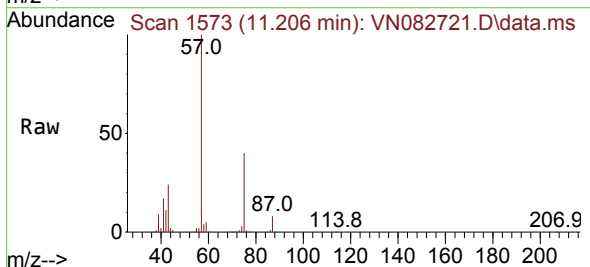


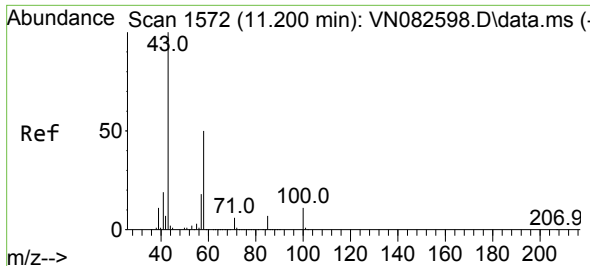
Tgt Ion: 69 Resp: 2255
Ion Ratio Lower Upper
69 100
41 3420.3 63.4 95.2#
39 1610.8 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.383 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

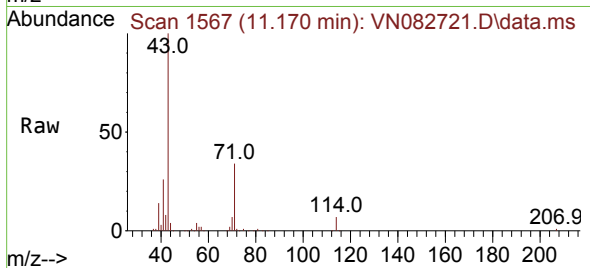
Tgt Ion: 76 Resp: 4464
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



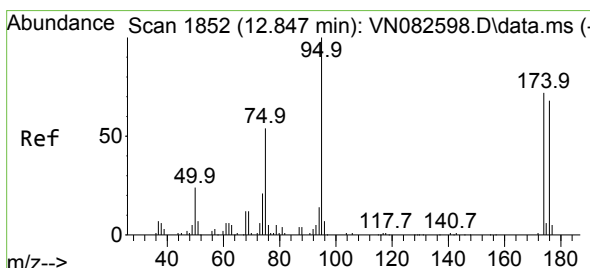
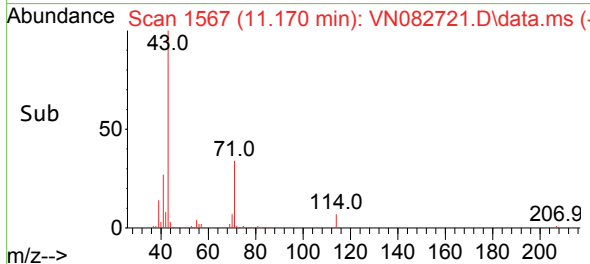
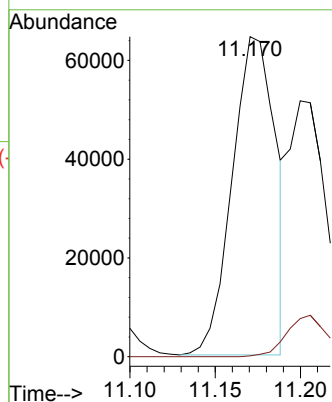


#59
2-Hexanone
Concen: 47.554 ug/l
RT: 11.170 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

Instrument :
MSVOA_N
ClientSampleId :

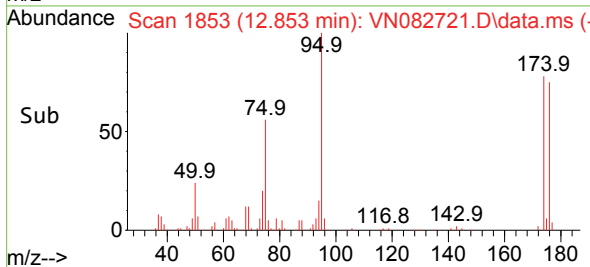
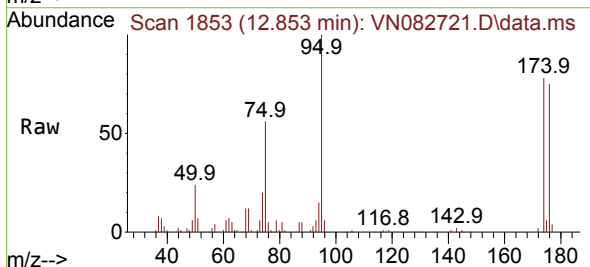
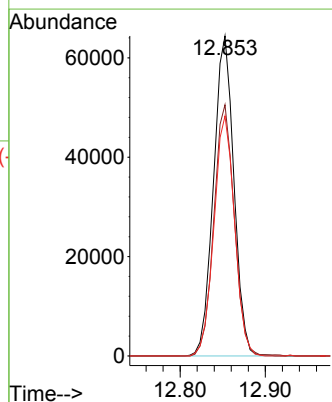


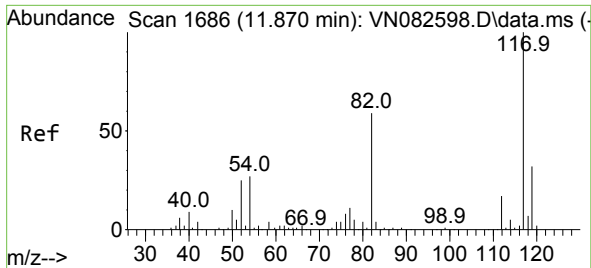
Tgt Ion: 43 Resp: 113673
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 47.571 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

Tgt Ion: 95 Resp: 106868
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.2
176 75.9 0.0 147.6

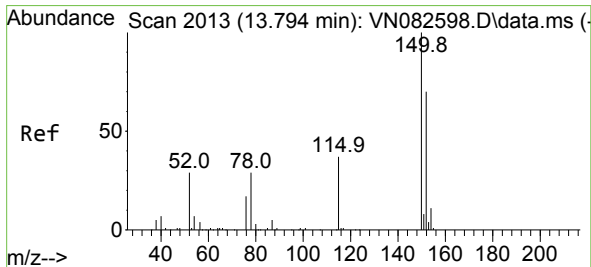
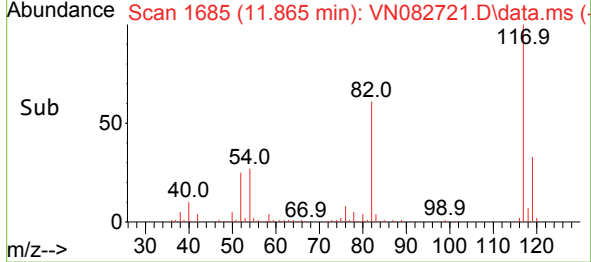
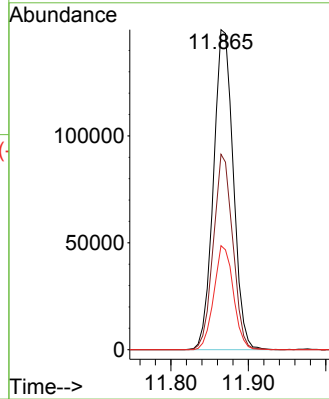
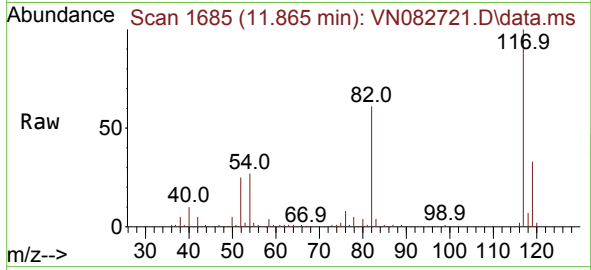




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

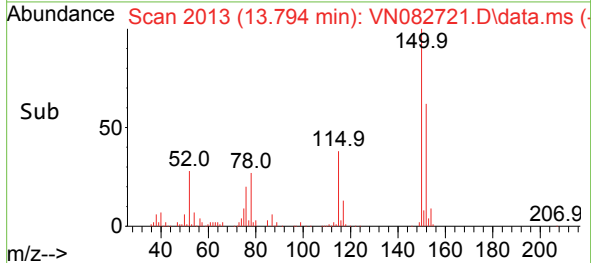
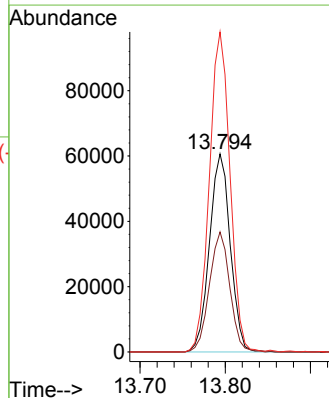
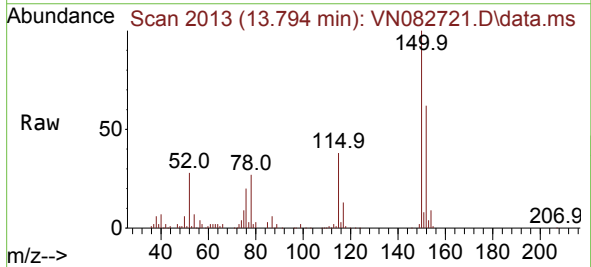
Instrument :
MSVOA_N
ClientSampleId :

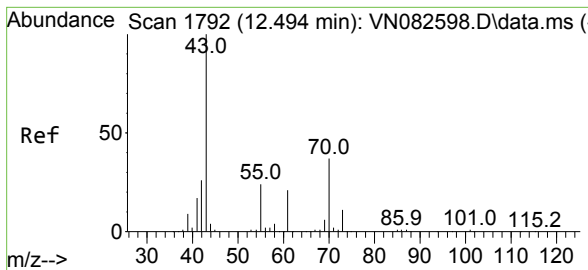
Tgt Ion:117 Resp: 265899
Ion Ratio Lower Upper
117 100
82 61.0 47.5 71.3
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

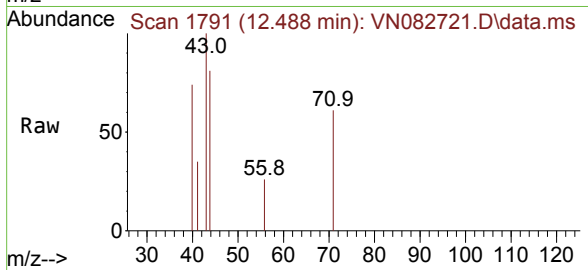
Tgt Ion:152 Resp: 102968
Ion Ratio Lower Upper
152 100
115 59.4 30.6 91.6
150 159.7 0.0 348.6





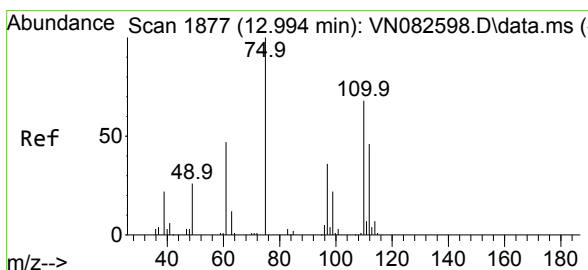
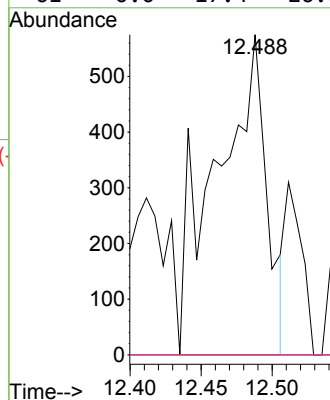
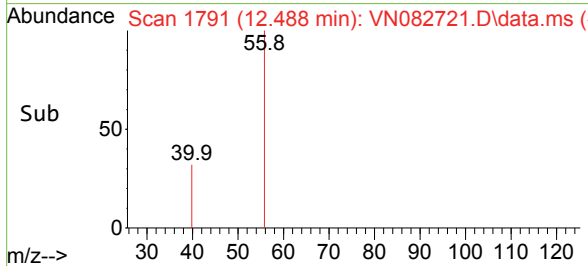
#74
N-amy1 acetate
Concen: 0.339 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 1416

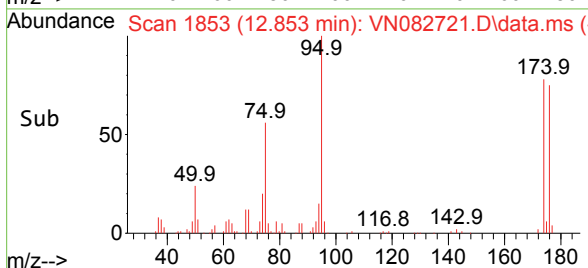
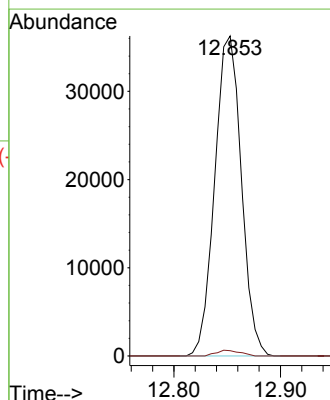
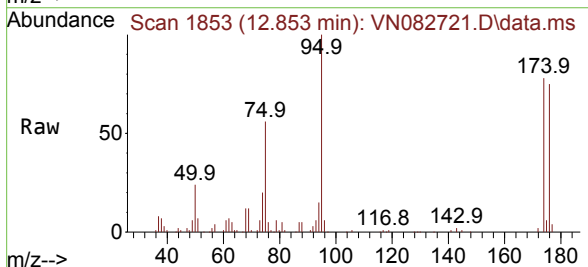
Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.6#
55	0.0	18.7	28.1#
61	0.0	17.4	26.0#

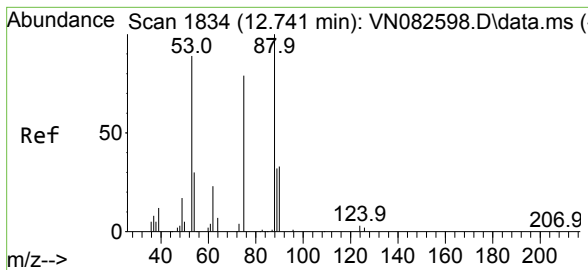


#76
1,2,3-Trichloropropane
Concen: 24.957 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082721.D
Acq: 25 Jun 2024 16:35

Tgt Ion: 75 Resp: 62852

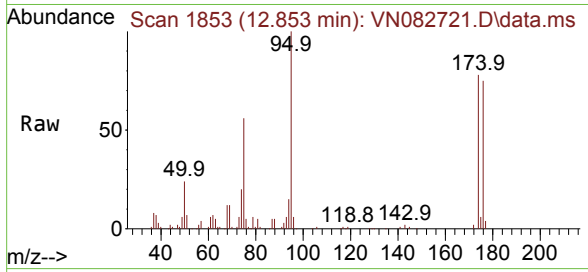
Ion	Ratio	Lower	Upper
75	100		
77	1.6	110.9	332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.707 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082721.D
 Acq: 25 Jun 2024 16:35

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	62852
Ion	Ratio	Lower	Upper
75	100		
53	0.2	88.4	132.6#
89	0.0	36.3	54.5#

