

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082809.D
 Acq On : 03 Jul 2024 17:40
 Operator : JC\MD
 Sample : P3152-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 04 00:02:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

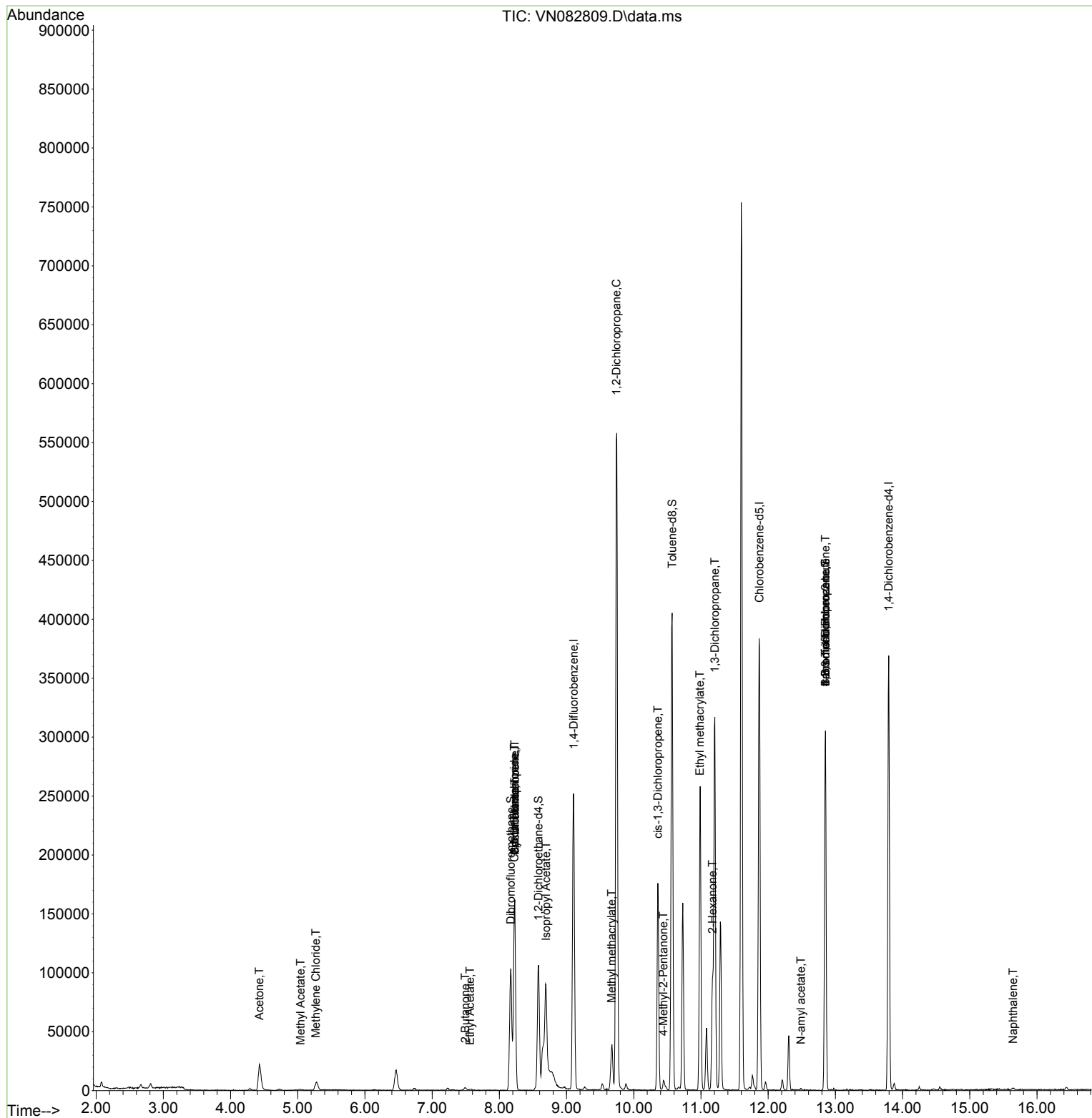
Internal Standards						
1) Pentafluorobenzene	8.230	168	114265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	217284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	216545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	88399	50.166	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.340%	
35) Dibromofluoromethane	8.171	113	72238	50.495	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.000%	
50) Toluene-d8	10.571	98	276353	51.654	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.300%	
62) 4-Bromofluorobenzene	12.853	95	102214	55.632	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 111.260%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	40249	60.286	ug/l	100
18) Methyl Acetate	5.042	43	1715	0.966	ug/l #	56
20) Methylene Chloride	5.271	84	5621	3.327	ug/l #	69
25) 2-Butanone	7.494	43	3978	3.900	ug/l	91
31) Cyclohexane	8.230	56	2775	1.118	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	9587	4.662	ug/l #	51
37) Ethyl Acetate	7.565	43	1879	0.845	ug/l #	72
38) Carbon Tetrachloride	8.224	117	12560	5.223	ug/l #	16
43) Isopropyl Acetate	8.694	43	143311	37.120	ug/l #	81
45) 1,2-Dichloropropane	9.741	63	707	0.432	ug/l #	44
48) Methyl methacrylate	9.671	41	2234	1.306	ug/l #	53
51) 4-Methyl-2-Pentanone	10.441	43	8901	3.916	ug/l #	84
54) cis-1,3-Dichloropropene	10.359	75	30800	12.729	ug/l #	60
56) Ethyl methacrylate	10.982	69	860	0.372	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3302	1.223	ug/l #	43
59) 2-Hexanone	11.171	43	83656	49.633	ug/l #	28
71) Bromoform	12.853	173	758	0.574	ug/l #	1
74) N-amyl acetate	12.488	43	1325	0.422	ug/l #	46
76) 1,2,3-Trichloropropane	12.853	75	56336	26.755	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	56336	69.776	ug/l #	6
95) Naphthalene	15.647	128	2410	0.467	ug/l #	81

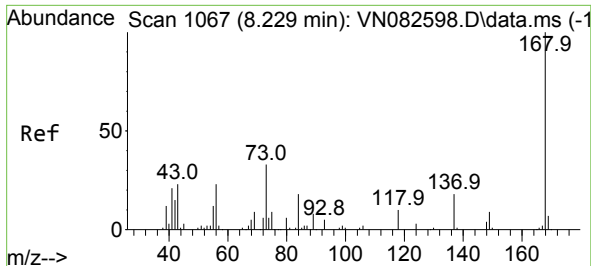
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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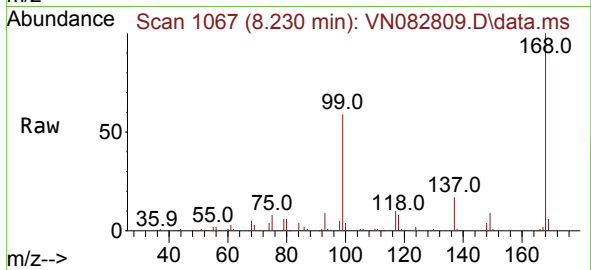
Quant Time: Jul 04 00:02:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration



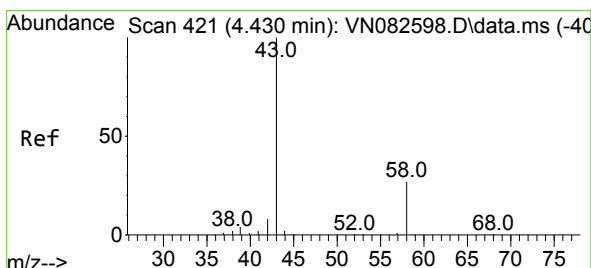
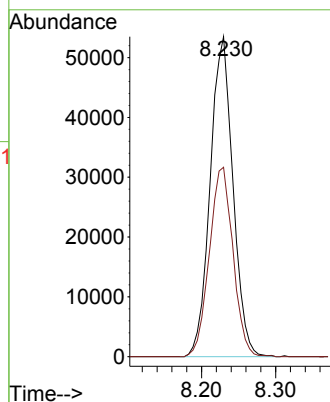
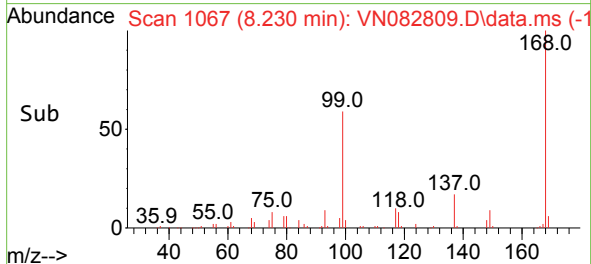


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :

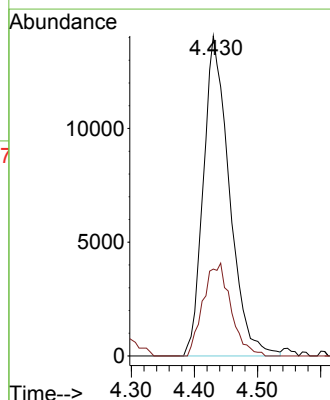
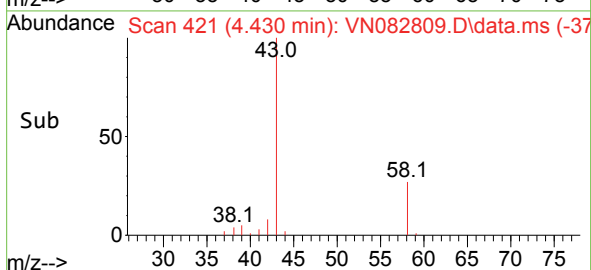
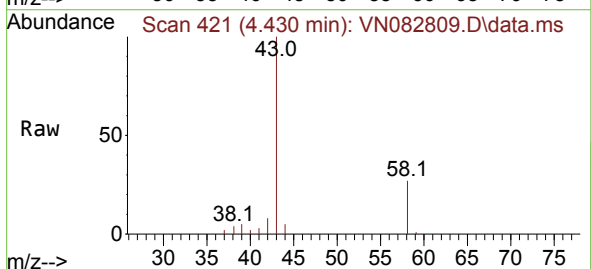


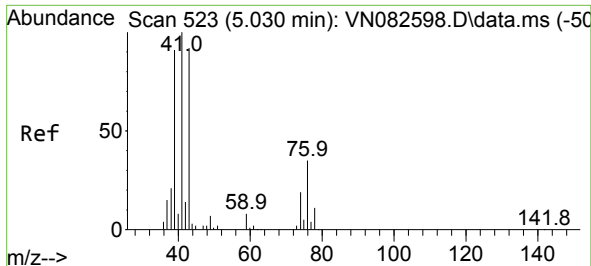
Tgt Ion:168 Resp: 114265
Ion Ratio Lower Upper
168 100
99 59.2 48.2 72.4



#16
Acetone
Concen: 60.286 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

Tgt Ion: 43 Resp: 40249
Ion Ratio Lower Upper
43 100
58 27.2 21.8 32.6

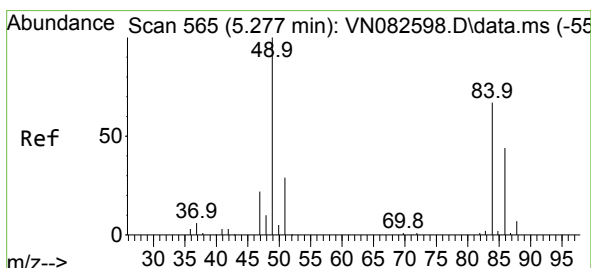
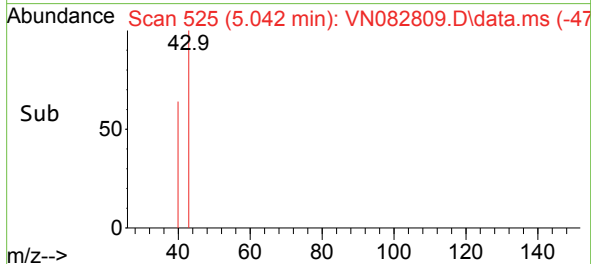
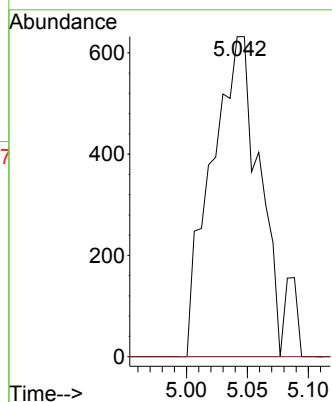
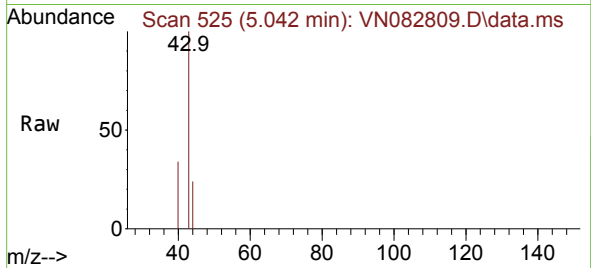




#18
Methyl Acetate
Concen: 0.966 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

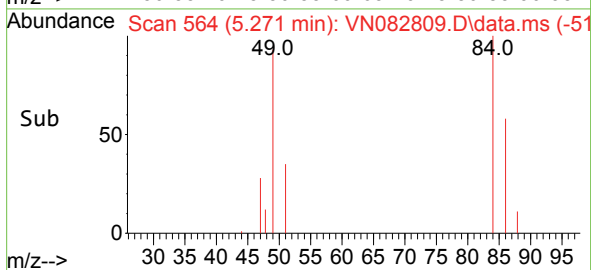
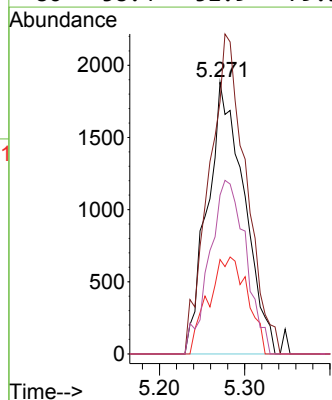
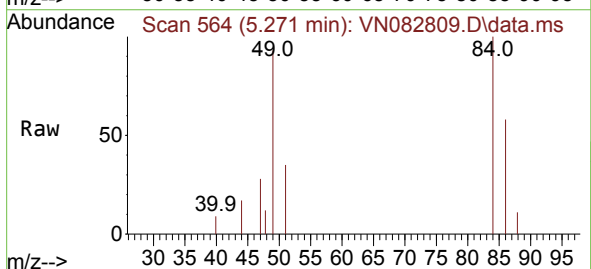
Instrument :
MSVOA_N
ClientSampleId :

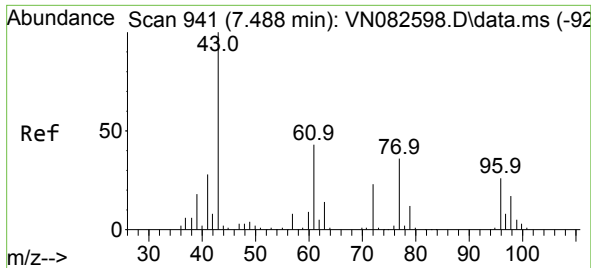
Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 3.327 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

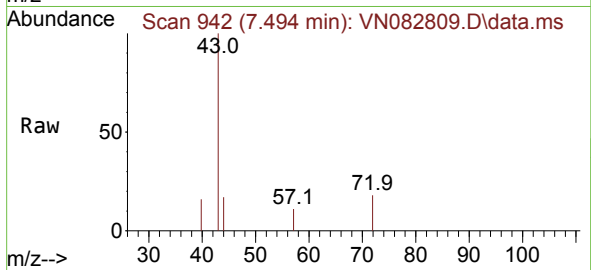
Tgt Ion: 84 Resp: 5621
Ion Ratio Lower Upper
84 100
49 92.9 119.6 179.4#
51 34.8 34.8 52.2#
86 58.4 52.9 79.3



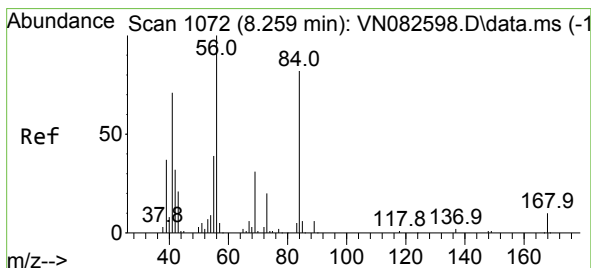
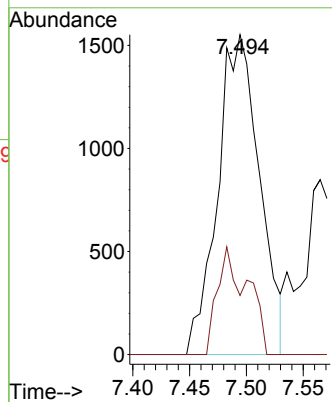
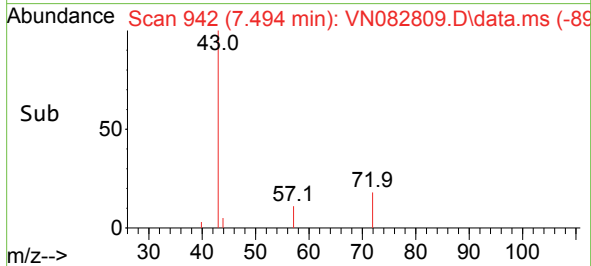


#25
2-Butanone
Concen: 3.900 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

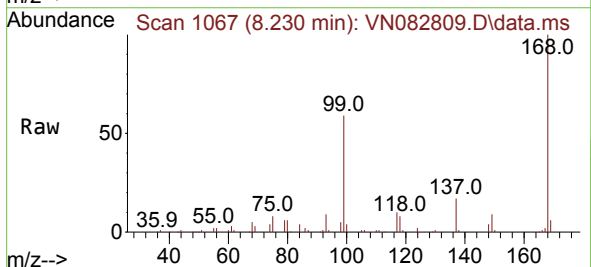
Instrument :
MSVOA_N
ClientSampleId :



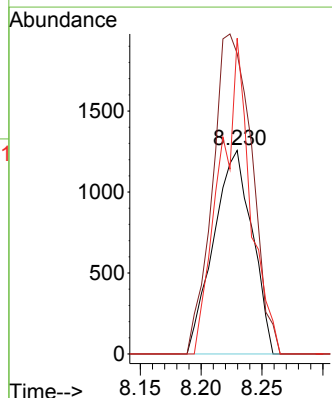
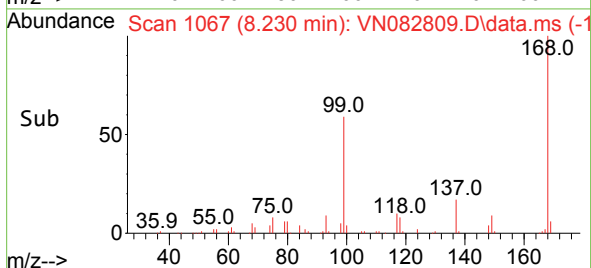
Tgt Ion: 43 Resp: 3978
Ion Ratio Lower Upper
43 100
72 18.5 18.2 27.2

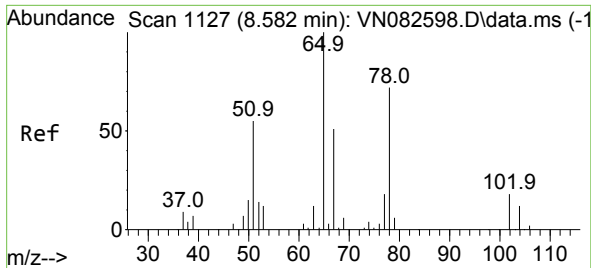


#31
Cyclohexane
Concen: 1.118 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40



Tgt Ion: 56 Resp: 2775
Ion Ratio Lower Upper
56 100
69 147.7 24.5 36.7#
84 155.1 66.0 99.0#

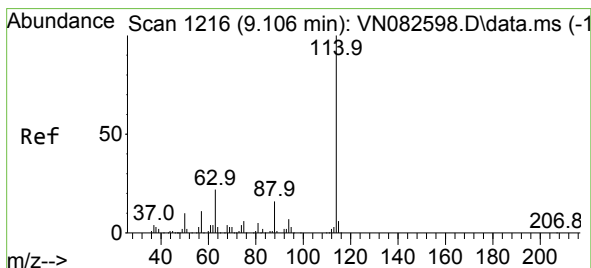
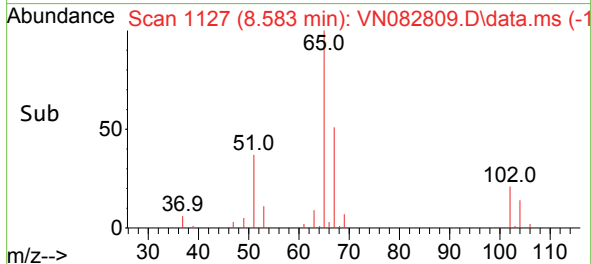
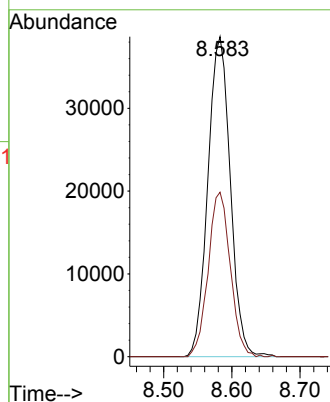
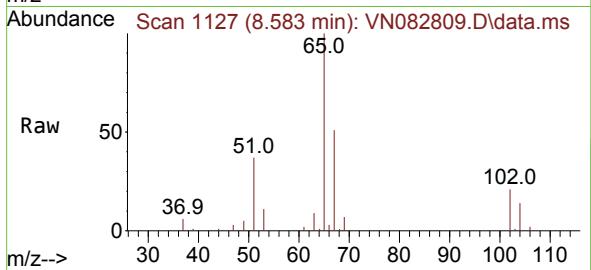




#33
 1,2-Dichloroethane-d4
 Concen: 50.166 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VN082809.D
 Acq: 03 Jul 2024 17:40

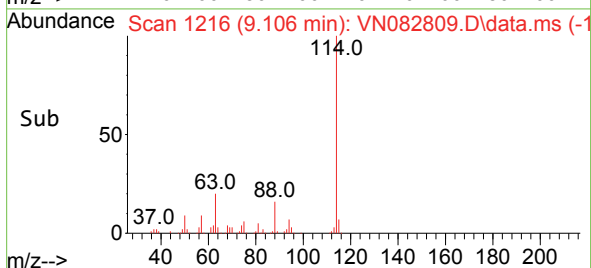
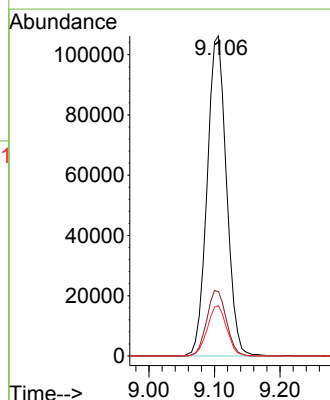
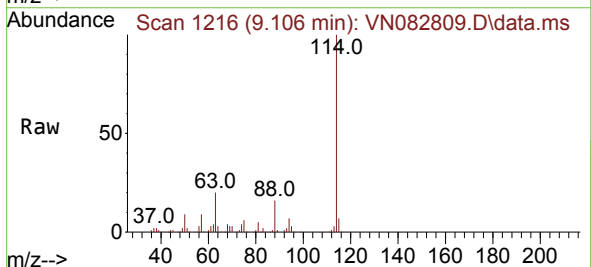
Instrument :
 MSVOA_N
 ClientSampleId :

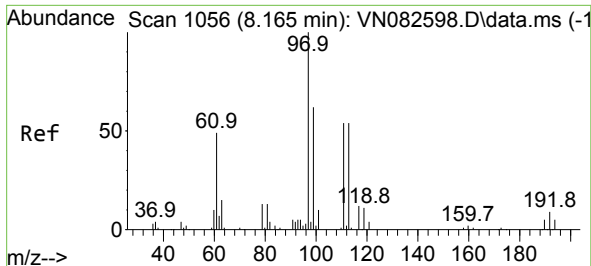
Tgt Ion: 65 Resp: 88399
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082809.D
 Acq: 03 Jul 2024 17:40

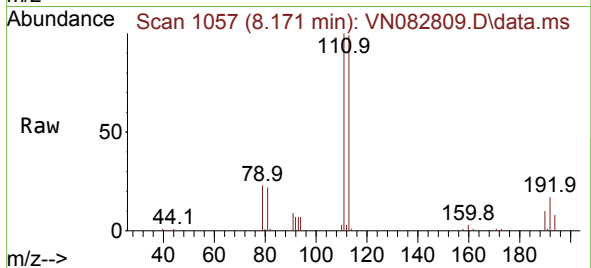
Tgt Ion: 114 Resp: 217284
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.6
 88 15.7 0.0 31.4



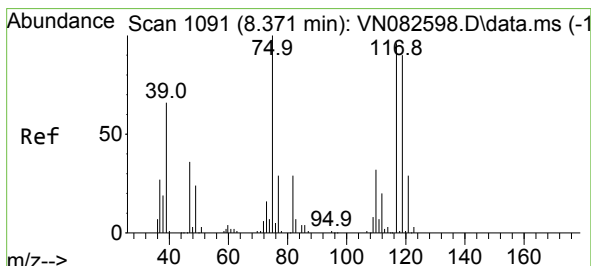
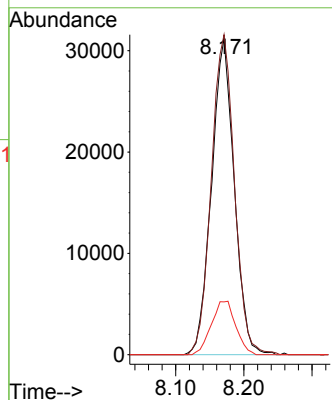
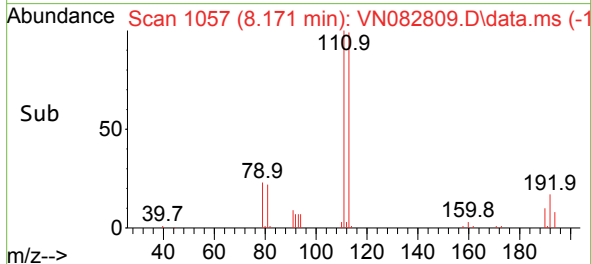


#35
Dibromofluoromethane
Concen: 50.495 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :

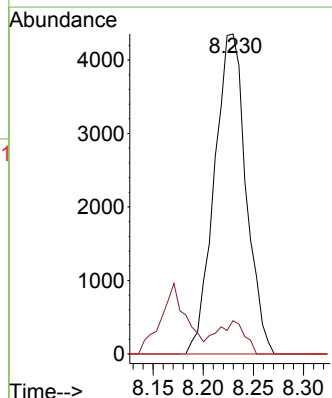
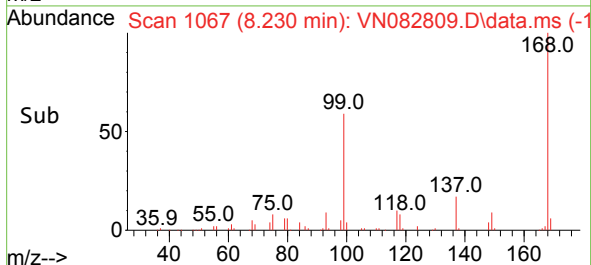
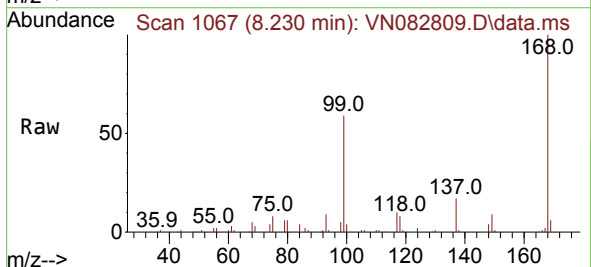


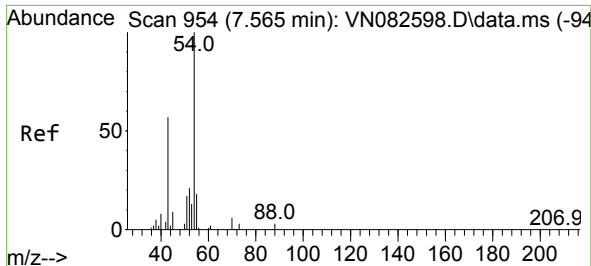
Tgt Ion:113 Resp: 72238
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 18.2 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.662 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

Tgt Ion: 75 Resp: 9587
Ion Ratio Lower Upper
75 100
110 9.2 16.3 48.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.845 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

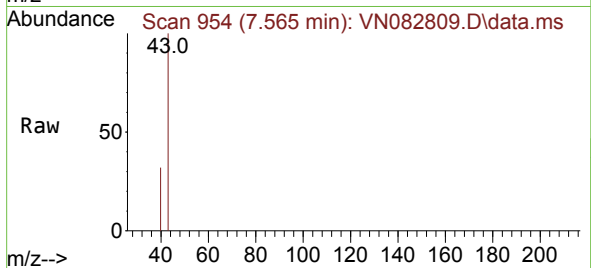
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Acq: 03 Jul 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :



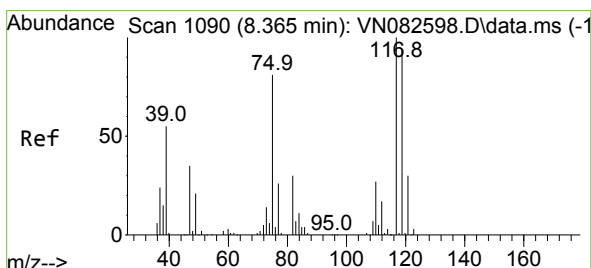
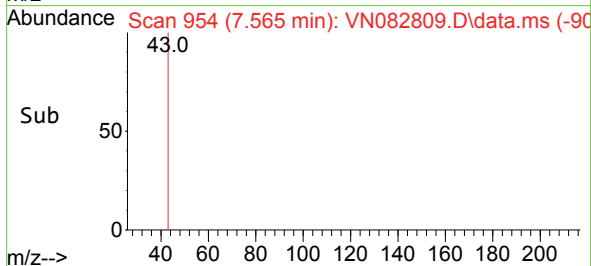
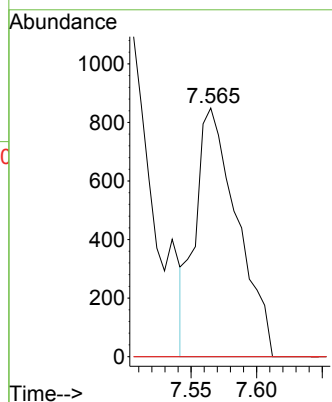
Tgt Ion: 43 Resp: 1879

Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.223 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082809.D

Acq: 03 Jul 2024 17:40

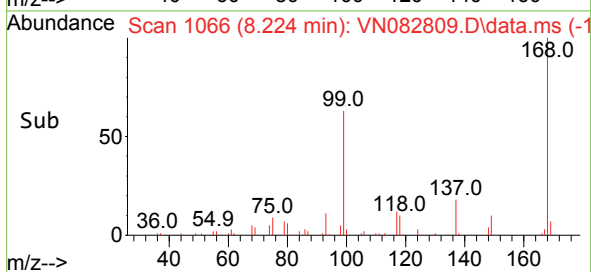
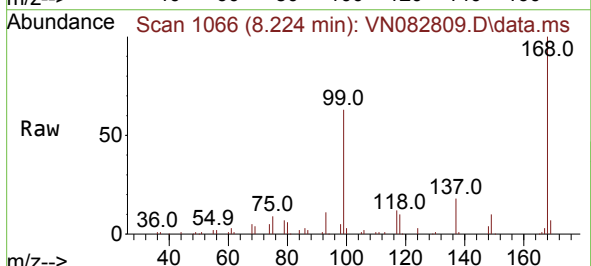
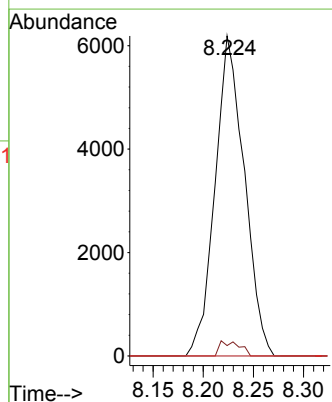
Tgt Ion: 117 Resp: 12560

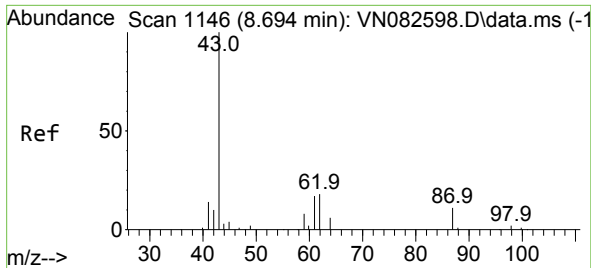
Ion Ratio Lower Upper

117 100

119 3.2 74.9 112.3#

121 0.0 24.3 36.5#

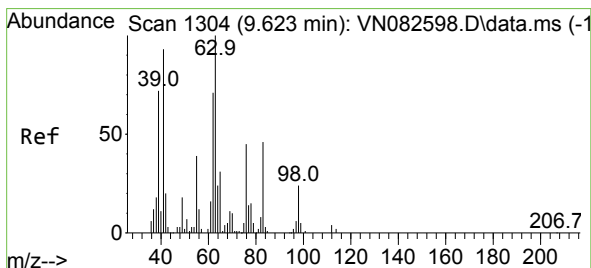
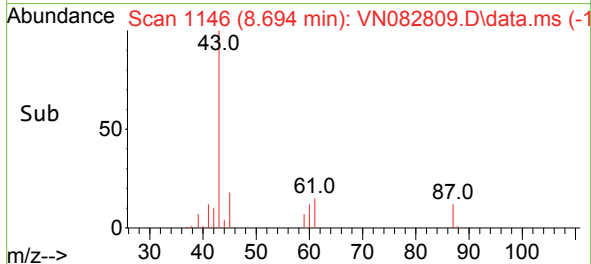
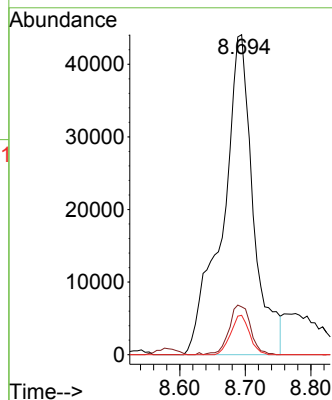
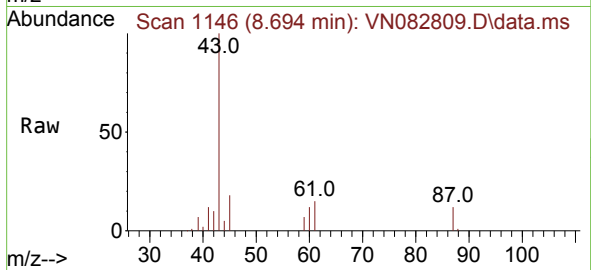




#43
Isopropyl Acetate
Concen: 37.120 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

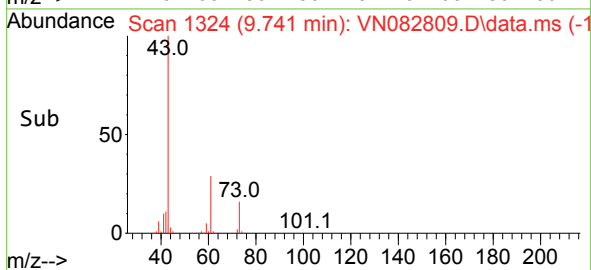
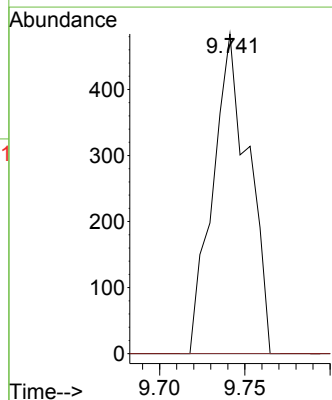
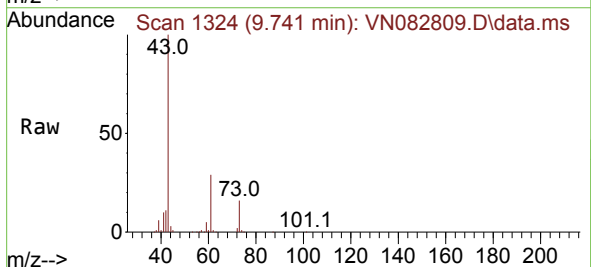
Instrument :
MSVOA_N
ClientSampleId :

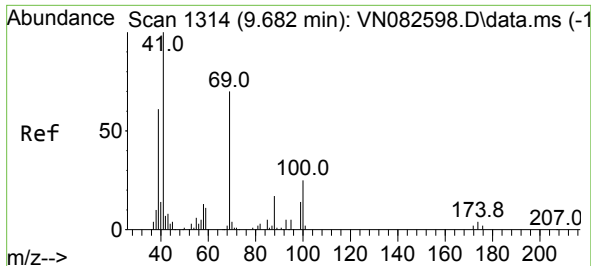
Tgt Ion: 43 Resp: 143311
Ion Ratio Lower Upper
43 100
61 10.8 17.8 26.6#
87 7.5 8.2 12.2#



#45
1,2-Dichloropropane
Concen: 0.432 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

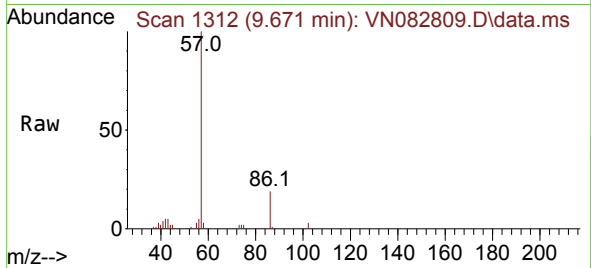
Tgt Ion: 63 Resp: 707
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#



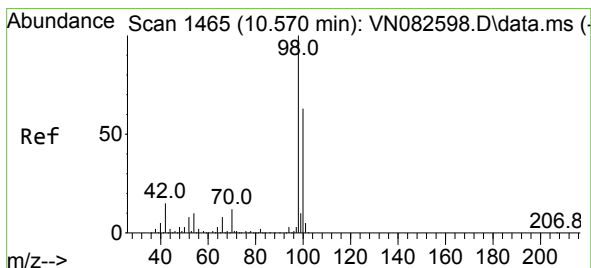
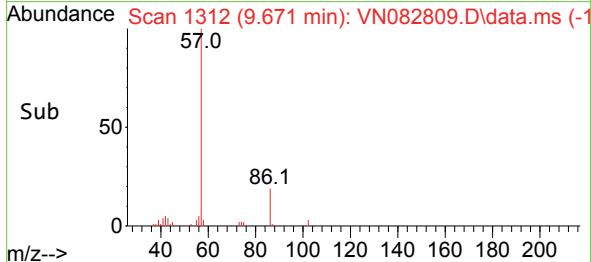
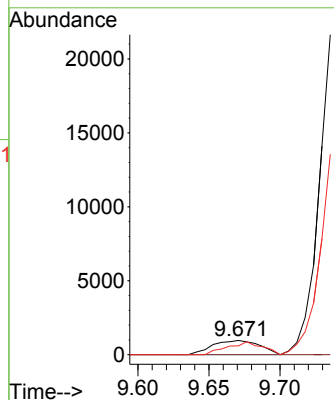


#48
Methyl methacrylate
Concen: 1.306 ug/l
RT: 9.671 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :

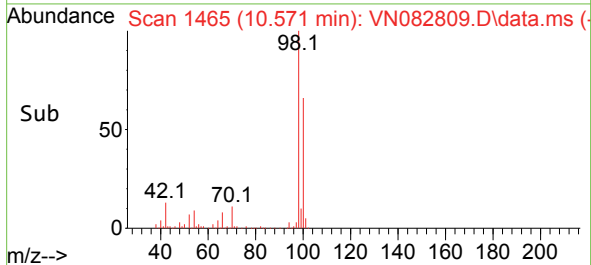
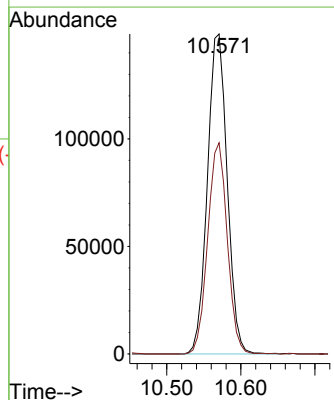
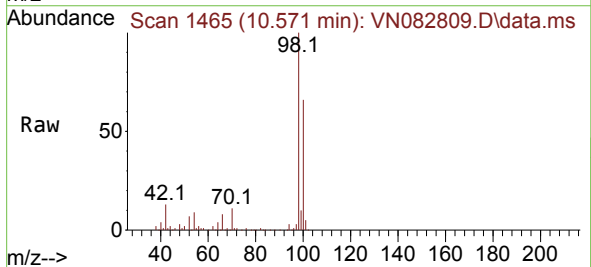


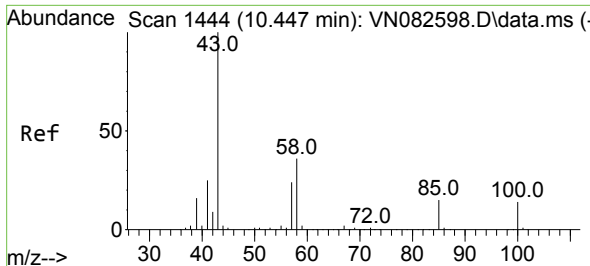
Tgt Ion: 41 Resp: 2234
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 66.7 50.3 75.5



#50
Toluene-d8
Concen: 51.654 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

Tgt Ion: 98 Resp: 276353
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3

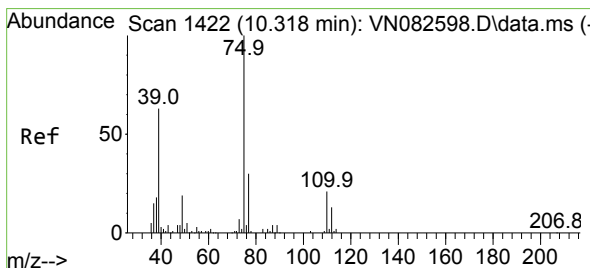
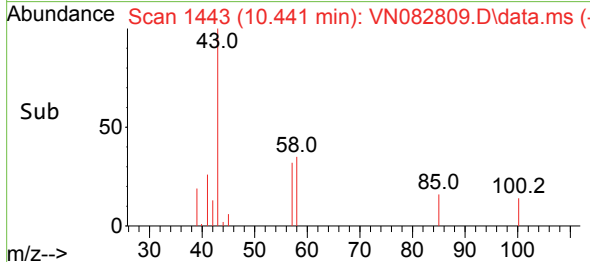
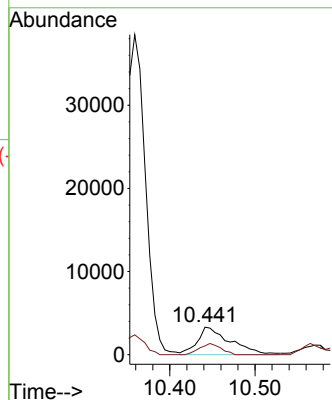
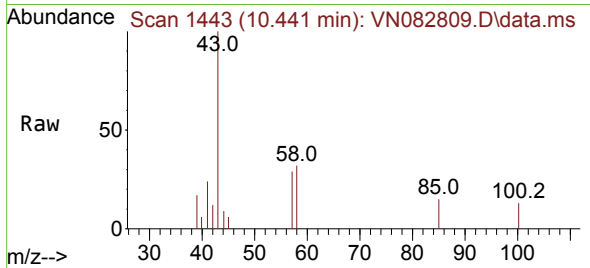




#51
4-Methyl-2-Pentanone
Concen: 3.916 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

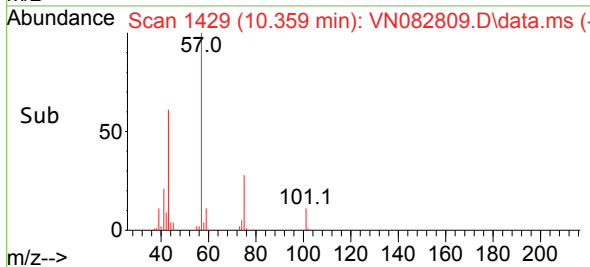
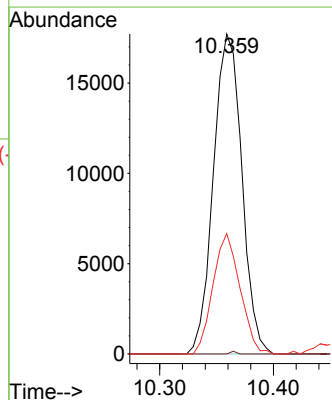
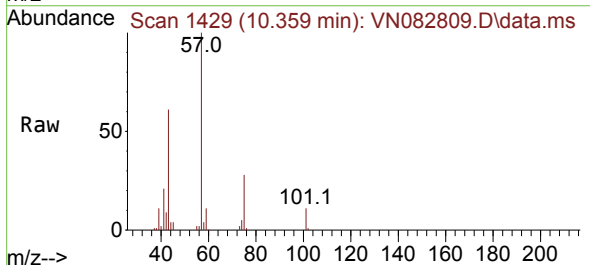
Instrument :
MSVOA_N
ClientSampleId :

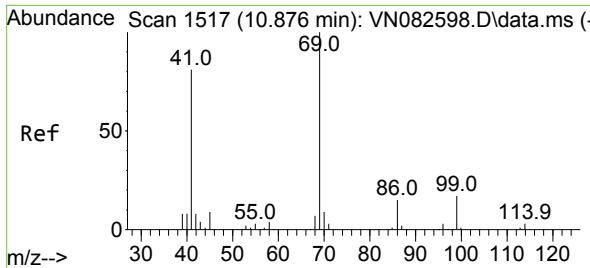
Tgt Ion: 43 Resp: 8901
Ion Ratio Lower Upper
43 100
58 26.2 28.2 42.4#



#54
cis-1,3-Dichloropropene
Concen: 12.729 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

Tgt Ion: 75 Resp: 30800
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 37.6 50.5 75.7#

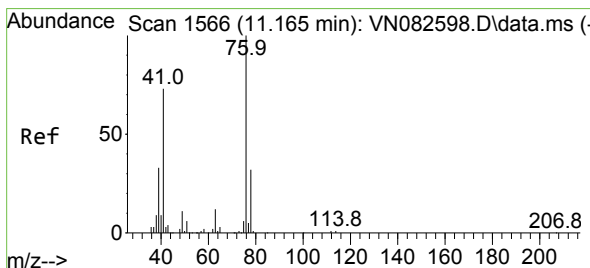
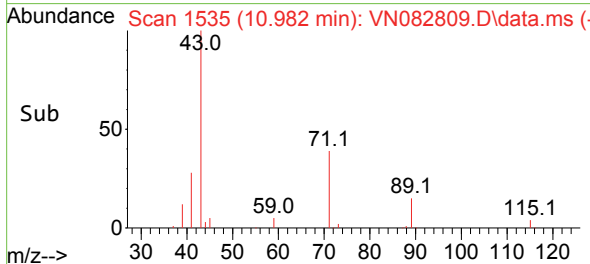
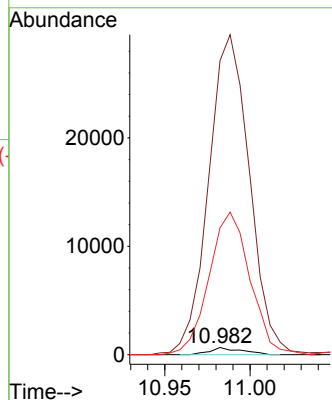
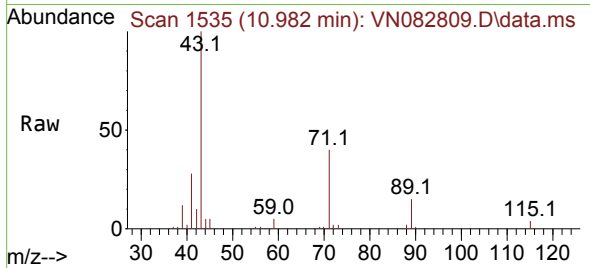




#56
Ethyl methacrylate
Concen: 0.372 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.106 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

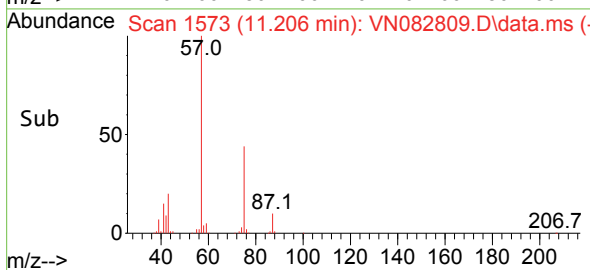
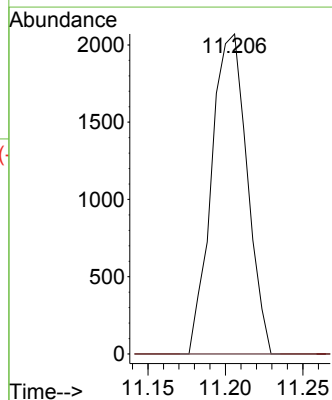
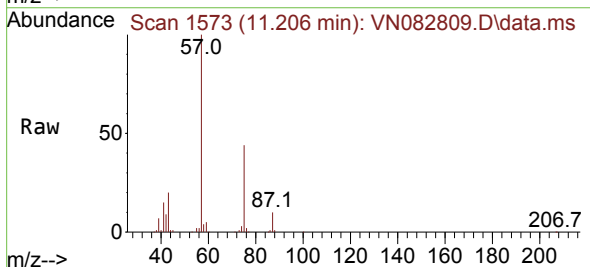
Instrument :
MSVOA_N
ClientSampleId :

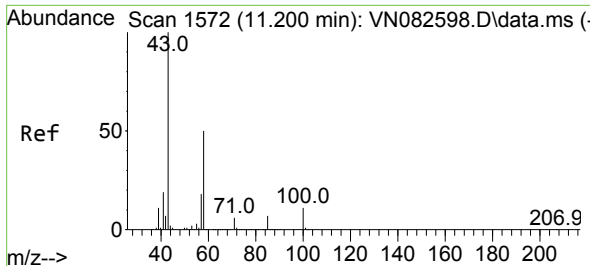
Tgt Ion: 69 Resp: 860
Ion Ratio Lower Upper
69 100
41 5738.5 63.4 95.2#
39 2561.6 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.223 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

Tgt Ion: 76 Resp: 3302
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

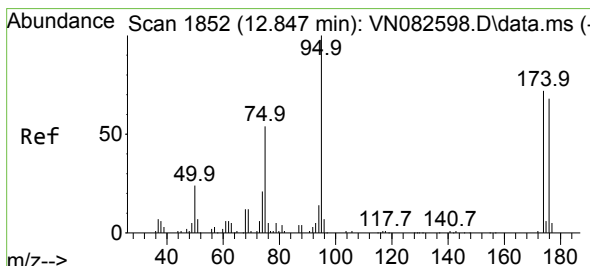
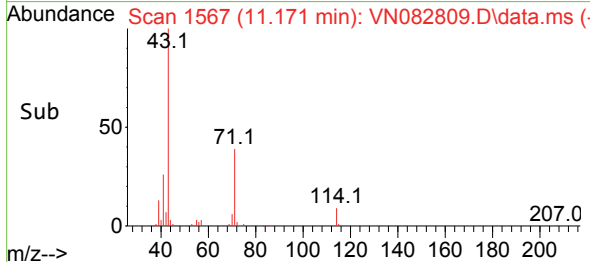
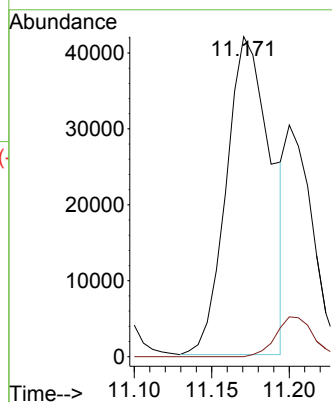
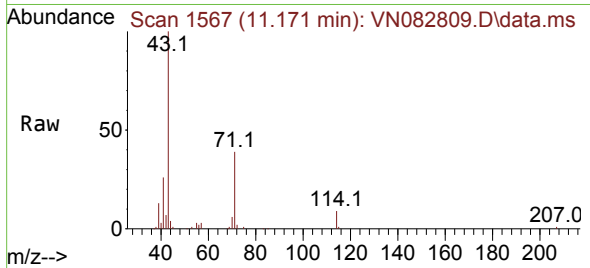




#59
2-Hexanone
Concen: 49.633 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.029 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

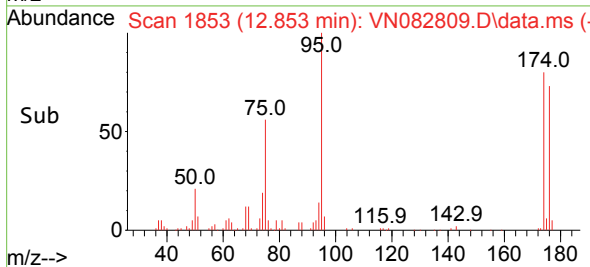
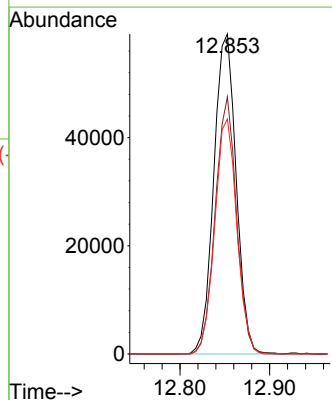
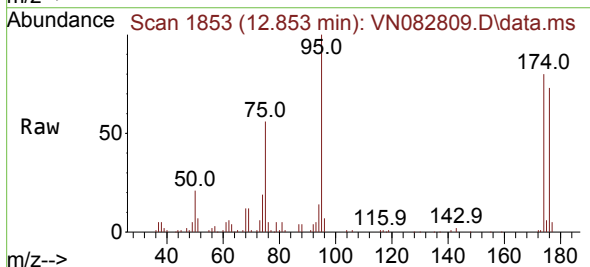
Instrument :
MSVOA_N
ClientSampleId :

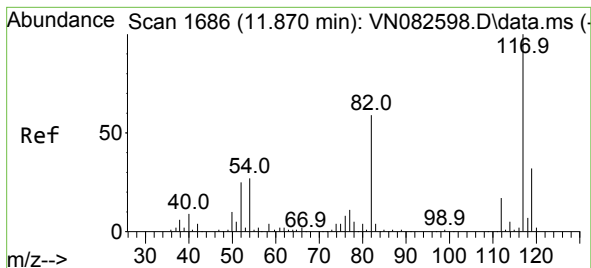
Tgt Ion: 43 Resp: 83656
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 55.632 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

Tgt Ion: 95 Resp: 102214
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.2
176 72.3 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN082809.D

Acq: 03 Jul 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

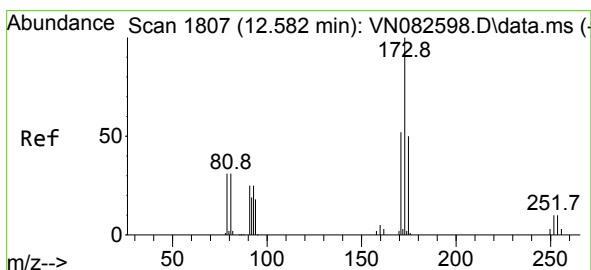
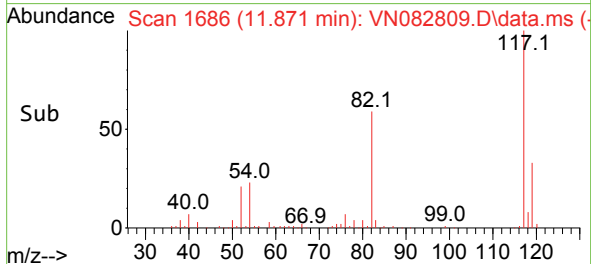
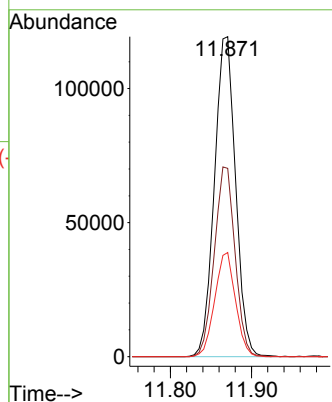
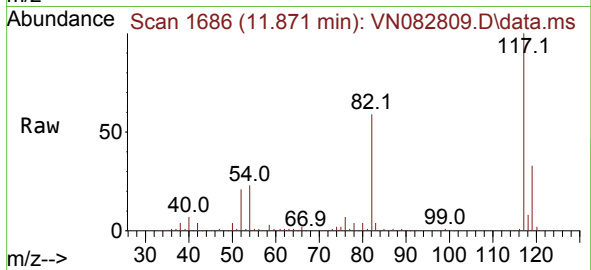
Tgt Ion:117 Resp: 216545

Ion Ratio Lower Upper

117 100

82 58.8 47.5 71.3

119 32.5 25.6 38.4



#71

Bromoform

Concen: 0.574 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN082809.D

Acq: 03 Jul 2024 17:40

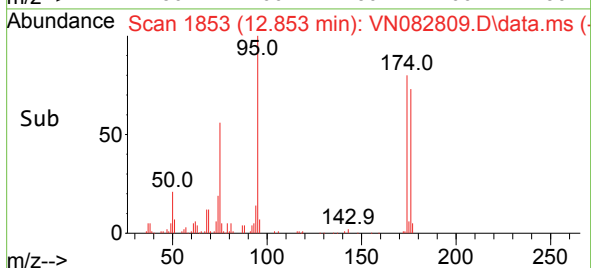
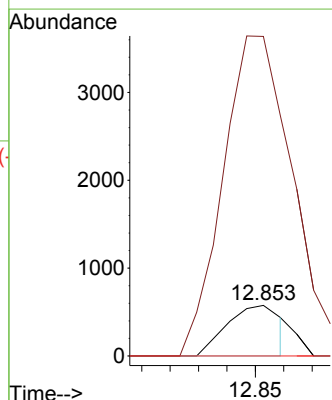
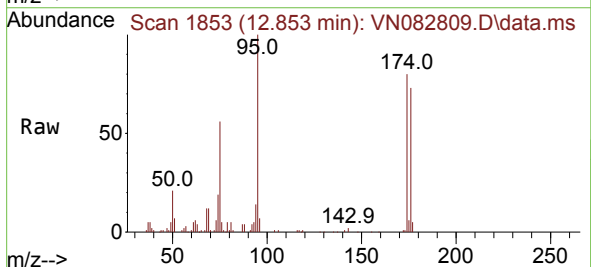
Tgt Ion:173 Resp: 758

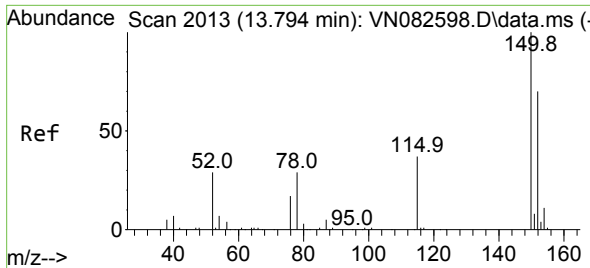
Ion Ratio Lower Upper

173 100

175 672.2 24.0 72.0#

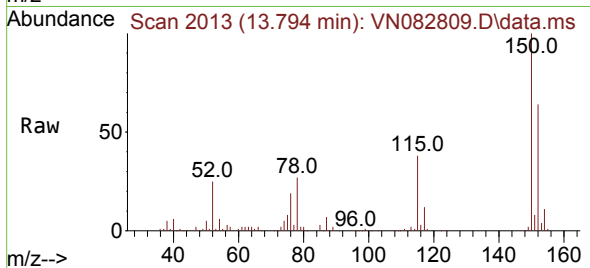
254 0.0 0.0 0.0



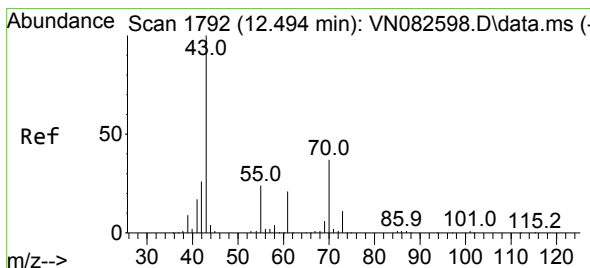
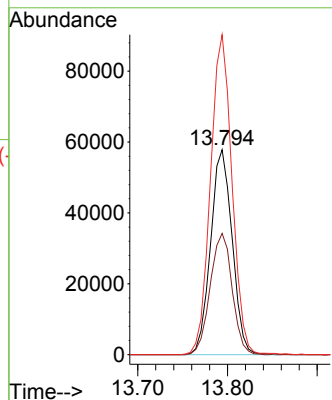
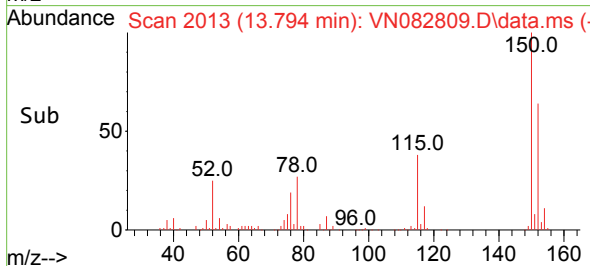


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082809.D
 Acq: 03 Jul 2024 17:40

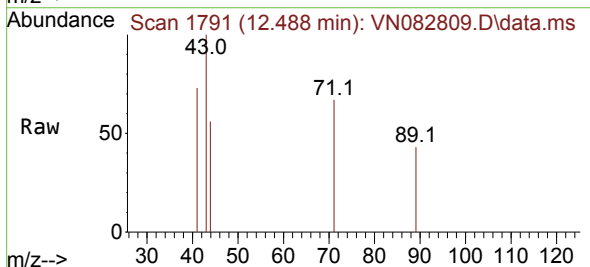
Instrument :
 MSVOA_N
 ClientSampleId :



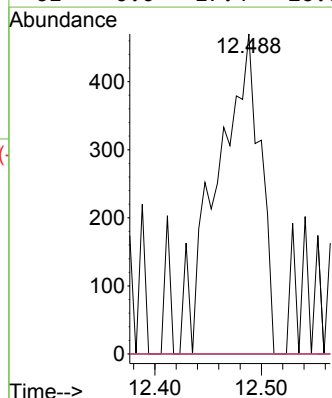
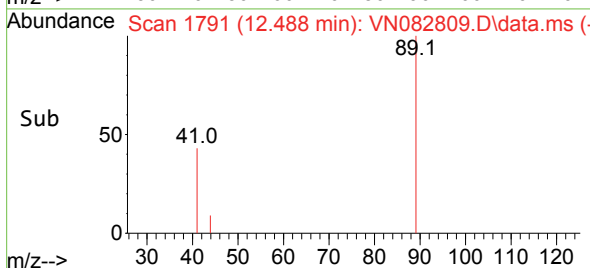
Tgt Ion:152 Resp: 96532
 Ion Ratio Lower Upper
 152 100
 115 60.2 30.6 91.6
 150 155.7 0.0 348.6

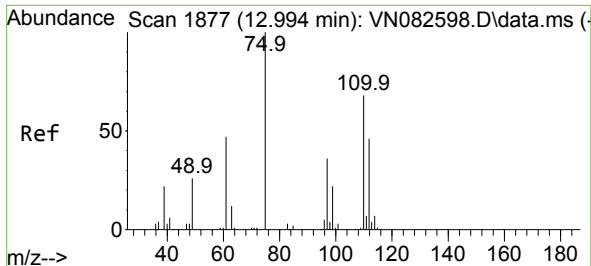


#74
 N-ethyl acetate
 Concen: 0.422 ug/l
 RT: 12.488 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VN082809.D
 Acq: 03 Jul 2024 17:40



Tgt Ion: 43 Resp: 1325
 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#

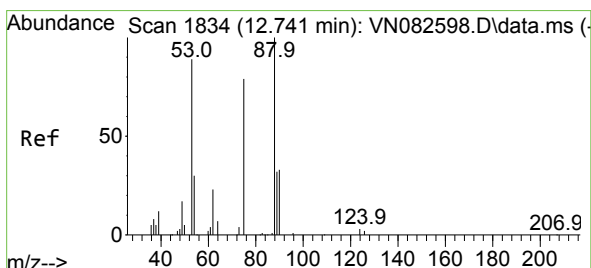
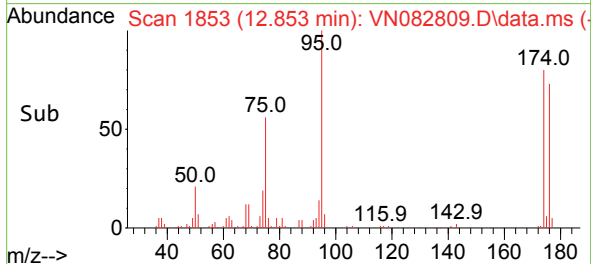
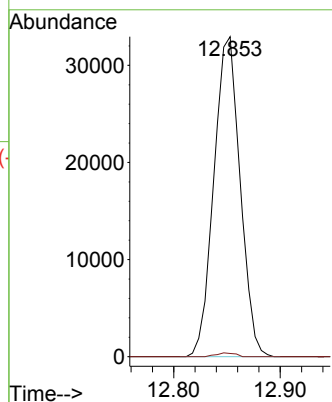
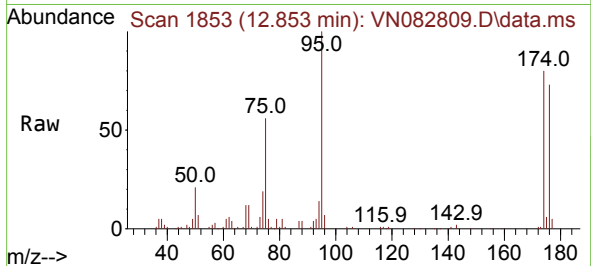




#76
1,2,3-Trichloropropane
Concen: 26.755 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

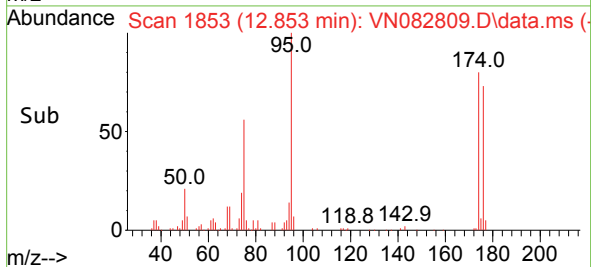
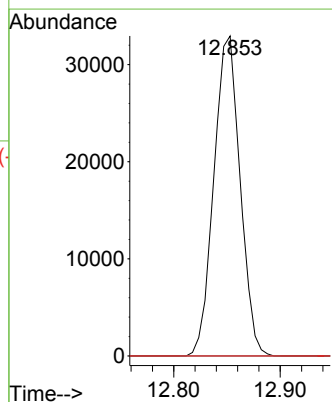
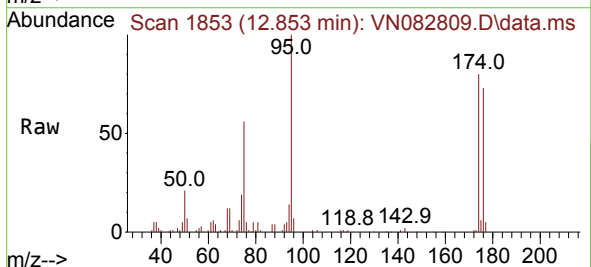
Instrument :
MSVOA_N
ClientSampleId :

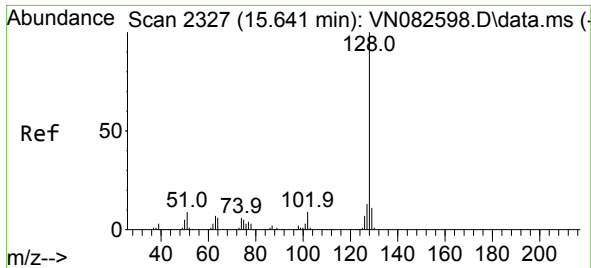
Tgt Ion: 75 Resp: 56336
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.776 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

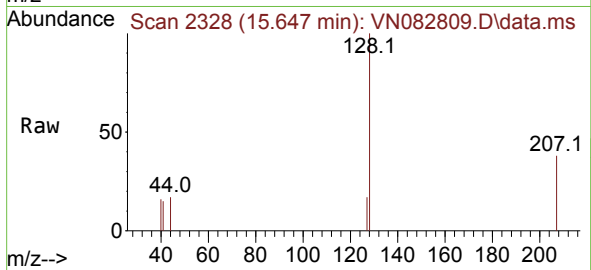
Tgt Ion: 75 Resp: 56336
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#





#95
Naphthalene
Concen: 0.467 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082809.D
Acq: 03 Jul 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	2410
Ion	Ratio	Lower	Upper
128	100		
127	6.5	10.6	16.0#
129	2.6	8.6	12.8#

