

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071824\
 Data File : VN082976.D
 Acq On : 18 Jul 2024 14:54
 Operator : JC\MD
 Sample : P3246-30
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 00:44:36 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

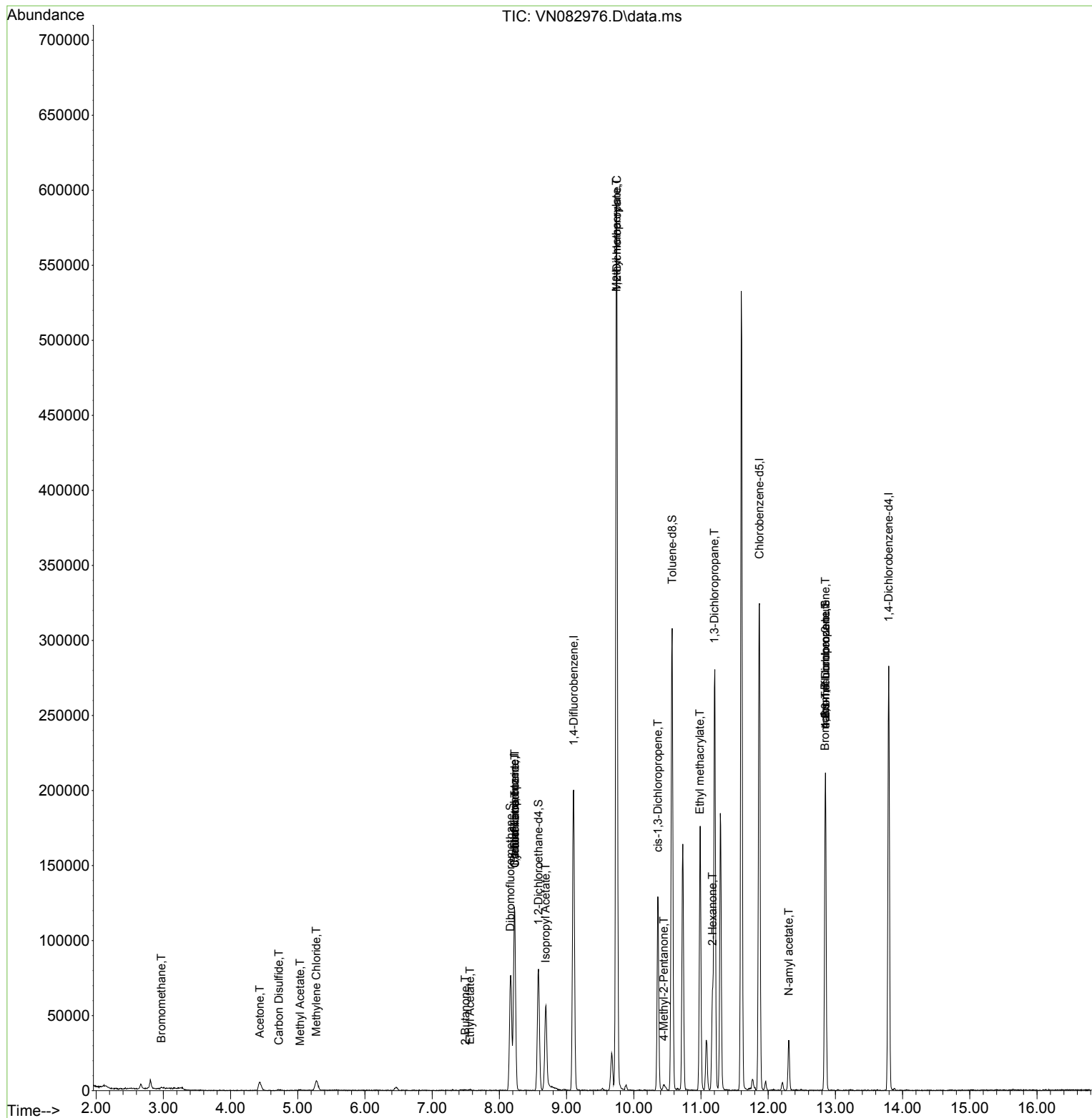
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	85807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	170652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	183836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	66584	55.356	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.720%	
35) Dibromofluoromethane	8.165	113	54243	49.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.080%	
50) Toluene-d8	10.571	98	210491	52.044	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.080%	
62) 4-Bromofluorobenzene	12.853	95	67202	46.257	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.520%	
Target Compounds						Qvalue
5) Bromomethane	2.971	94	301	0.377	ug/l #	66
16) Acetone	4.436	43	11646	27.500	ug/l	98
17) Carbon Disulfide	4.718	76	770	0.294	ug/l #	75
18) Methyl Acetate	5.036	43	674	0.601	ug/l #	56
20) Methylene Chloride	5.277	84	5275	5.158	ug/l #	83
25) 2-Butanone	7.494	43	808	1.264	ug/l #	53
31) Cyclohexane	8.230	56	2218	1.410	ug/l #	21
36) 1,1-Dichloropropene	8.230	75	8002	5.300	ug/l #	50
37) Ethyl Acetate	7.565	43	1403	0.913	ug/l #	72
38) Carbon Tetrachloride	8.230	117	9681	5.326	ug/l #	16
43) Isopropyl Acetate	8.688	43	67608	21.644	ug/l #	90
45) 1,2-Dichloropropane	9.747	63	698	0.644	ug/l #	44
48) Methyl methacrylate	9.741	41	57321	47.560	ug/l #	53
51) 4-Methyl-2-Pentanone	10.447	43	2236	1.467	ug/l	98
54) cis-1,3-Dichloropropene	10.359	75	20633	10.842	ug/l #	61
56) Ethyl methacrylate	10.982	69	886	0.534	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	3118	1.651	ug/l #	43
59) 2-Hexanone	11.171	43	48637	42.930	ug/l #	28
71) Bromoform	12.847	173	546	0.495	ug/l #	1
74) N-amyl acetate	12.306	43	9319	4.264	ug/l #	59
76) 1,2,3-Trichloropropane	12.853	75	38553	30.757	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	38553	60.490	ug/l #	6

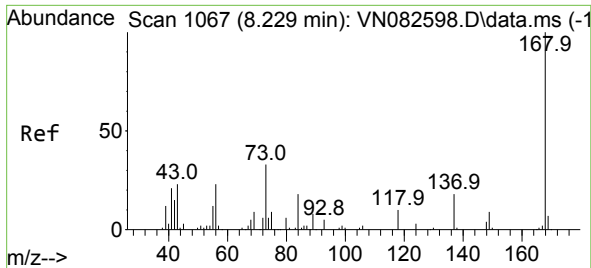
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071824\
Data File : VN082976.D
Acq On : 18 Jul 2024 14:54
Operator : JC\MD
Sample : P3246-30
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

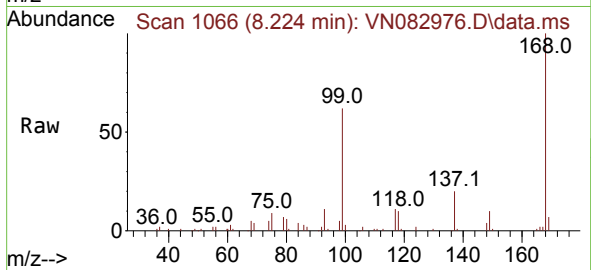
Quant Time: Jul 19 00:44:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



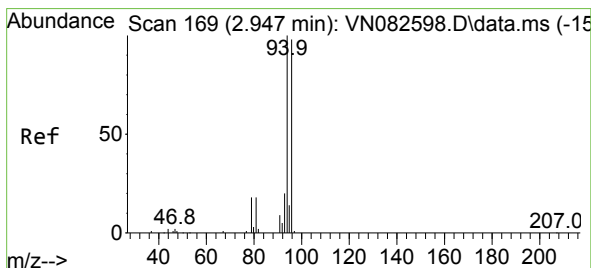
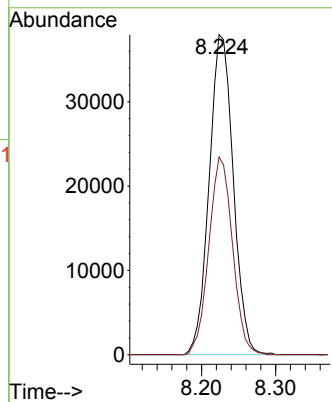
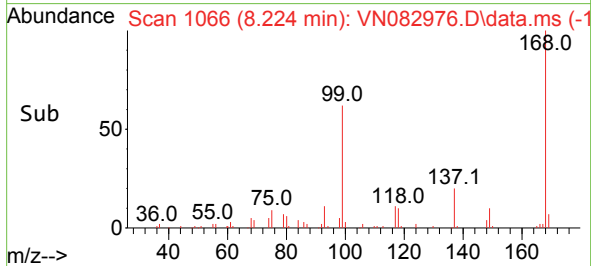


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Instrument :
MSVOA_N
ClientSampleId :

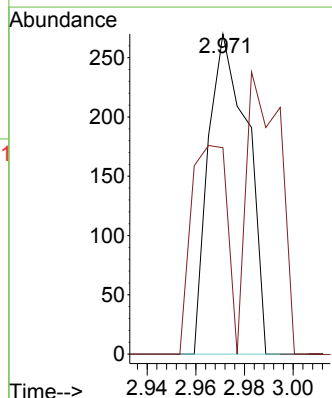
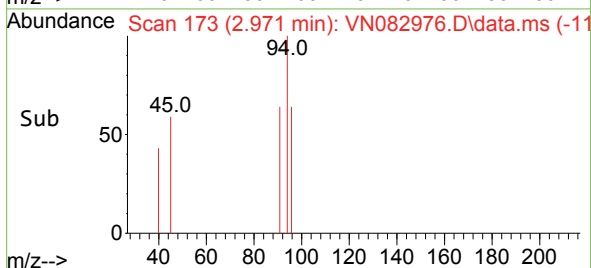
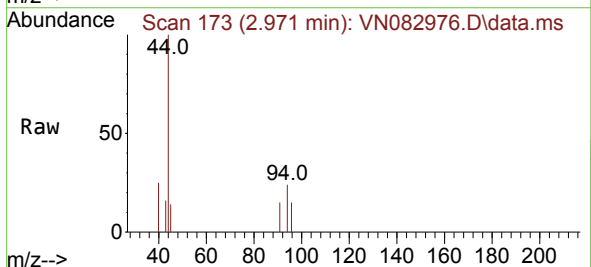


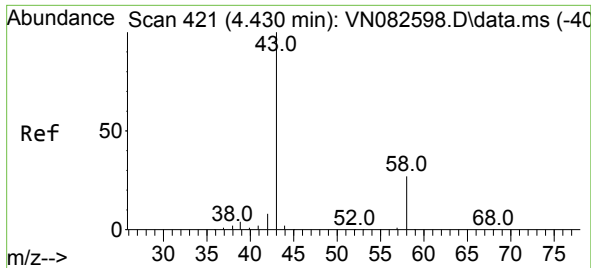
Tgt Ion:168 Resp: 85807
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#5
Bromomethane
Concen: 0.377 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.024 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Tgt Ion: 94 Resp: 301
Ion Ratio Lower Upper
94 100
96 64.4 78.0 117.0#

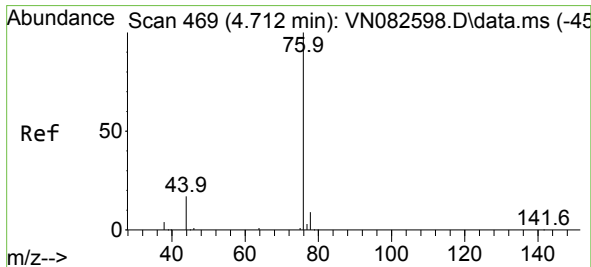
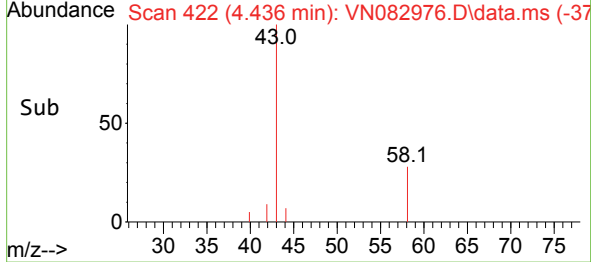
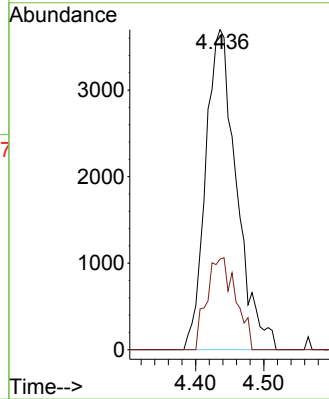
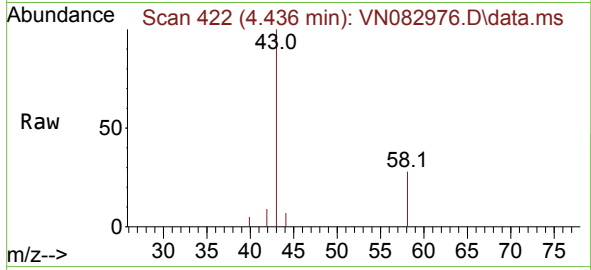




#16
Acetone
Concen: 27.500 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

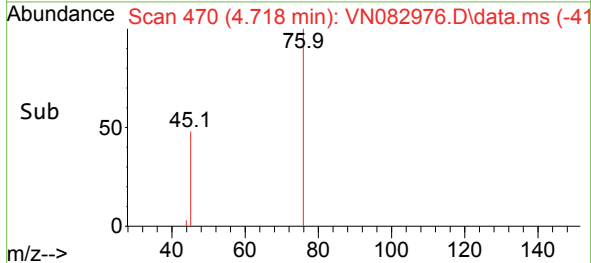
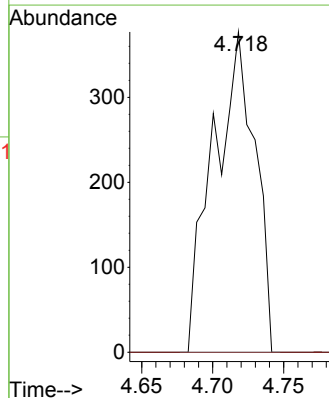
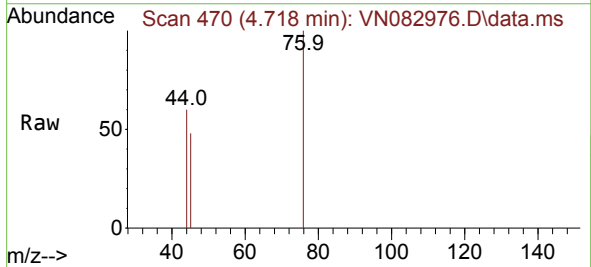
Instrument :
MSVOA_N
ClientSampleId :

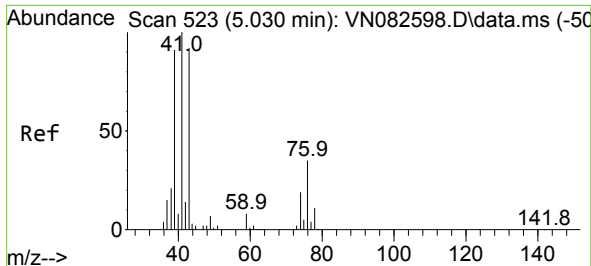
Tgt Ion: 43 Resp: 11646
Ion Ratio Lower Upper
43 100
58 28.3 21.8 32.6



#17
Carbon Disulfide
Concen: 0.294 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Tgt Ion: 76 Resp: 770
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.601 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.006 min

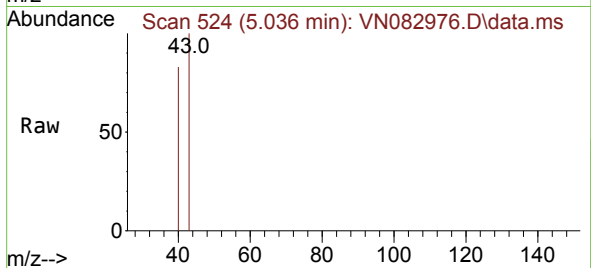
Lab File: VN082976.D

Acq: 18 Jul 2024 14:54

Instrument :

MSVOA_N

ClientSampleId :

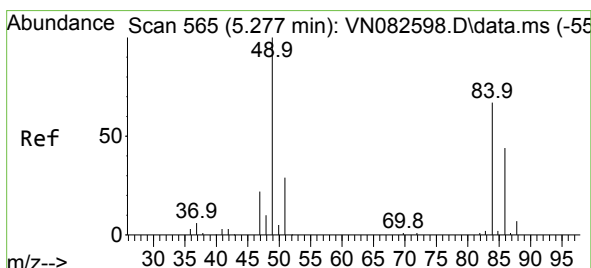
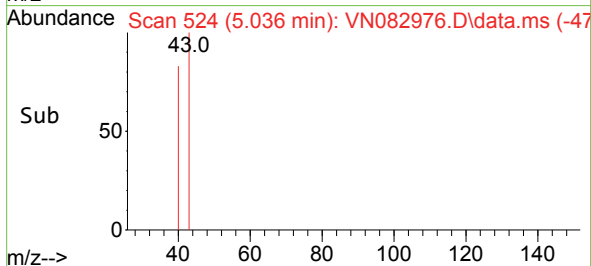
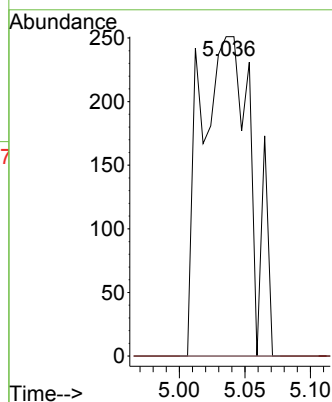


Tgt Ion: 43 Resp: 674

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



#20

Methylene Chloride

Concen: 5.158 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN082976.D

Acq: 18 Jul 2024 14:54

Tgt Ion: 84 Resp: 5275

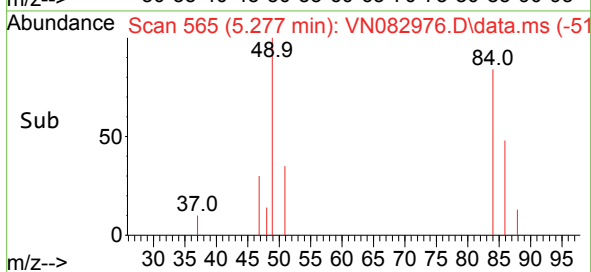
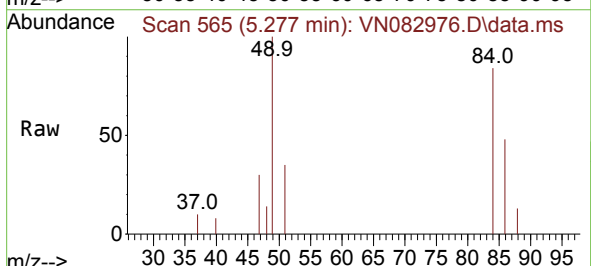
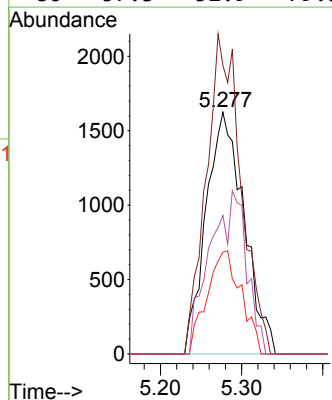
Ion Ratio Lower Upper

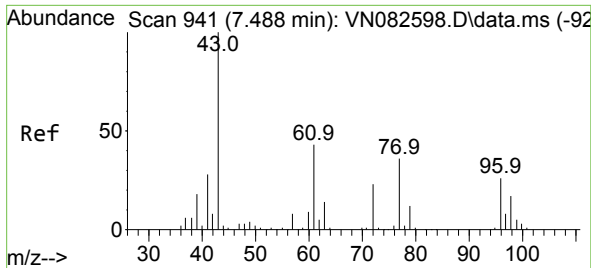
84 100

49 119.5 119.6 179.4#

51 42.1 34.8 52.2

86 57.3 52.9 79.3

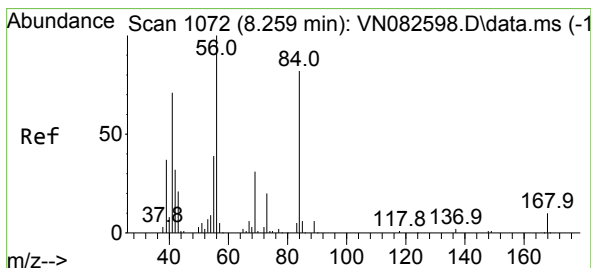
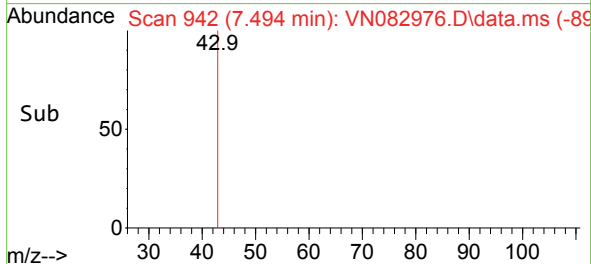
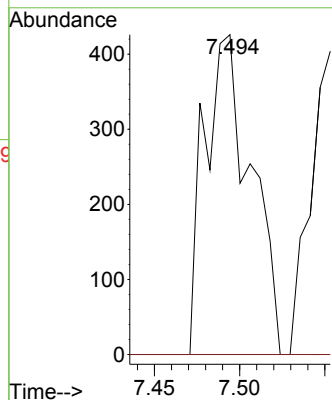
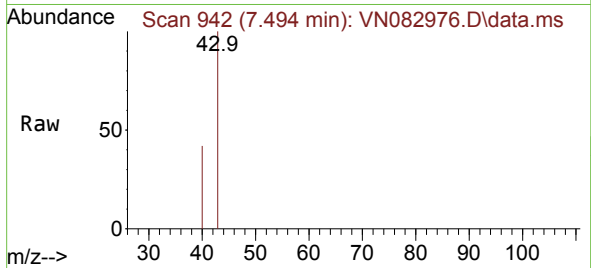




#25
2-Butanone
Concen: 1.264 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

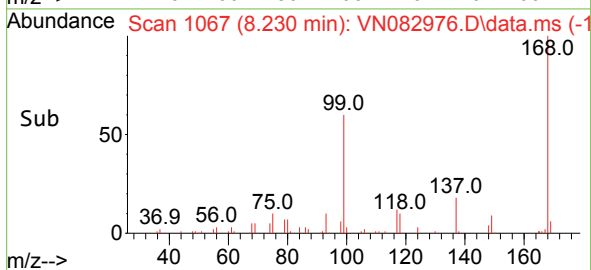
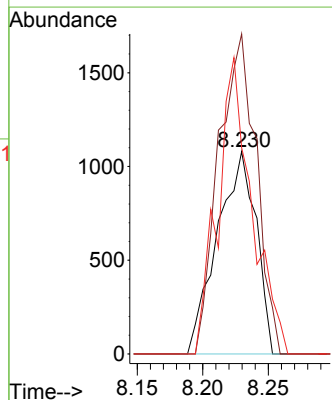
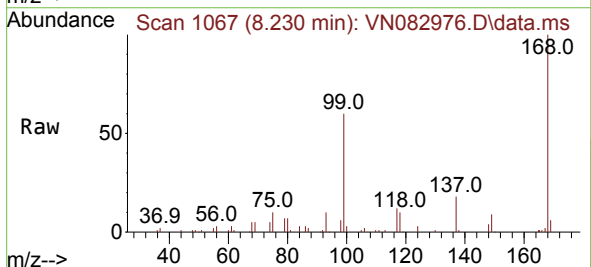
Instrument :
MSVOA_N
ClientSampleId :

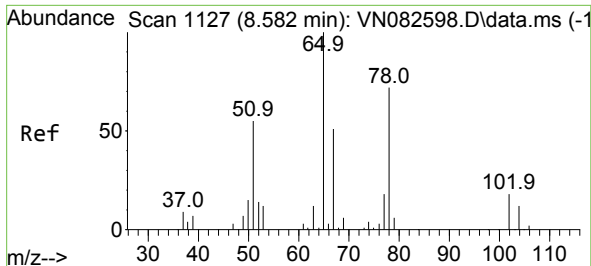
Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#31
Cyclohexane
Concen: 1.410 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Tgt Ion: 56 Resp: 2218
Ion Ratio Lower Upper
56 100
69 158.1 24.5 36.7#
84 101.9 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 55.356 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082976.D

Acq: 18 Jul 2024 14:54

Instrument :

MSVOA_N

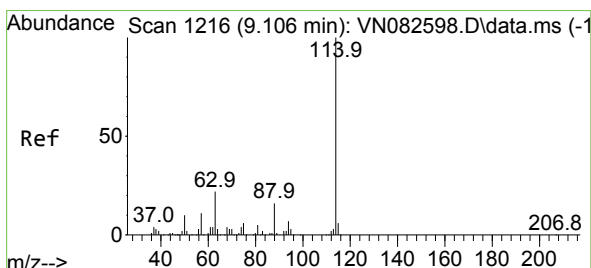
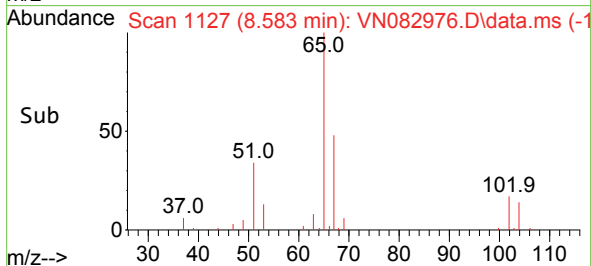
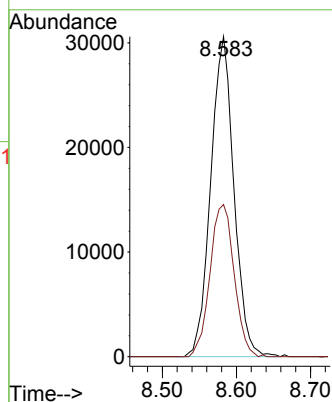
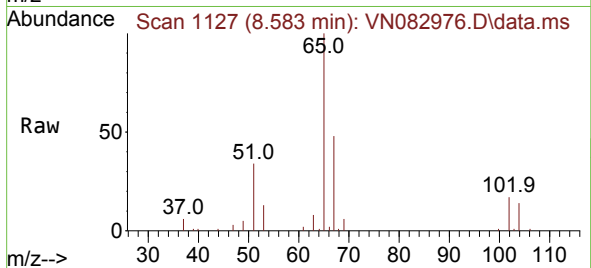
ClientSampleId :

Tgt Ion: 65 Resp: 66584

Ion Ratio Lower Upper

65 100

67 49.5 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: VN082976.D

Acq: 18 Jul 2024 14:54

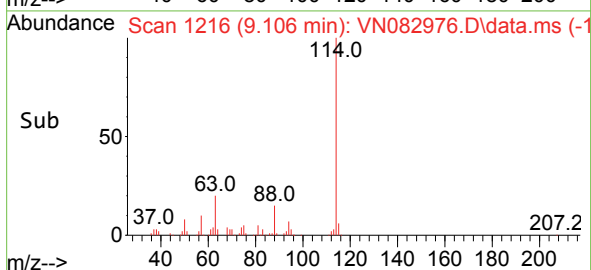
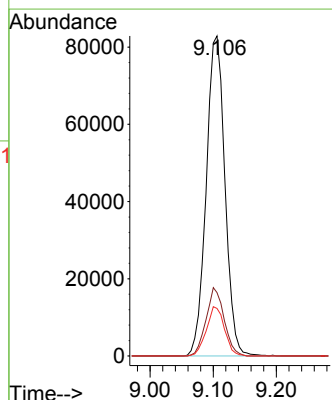
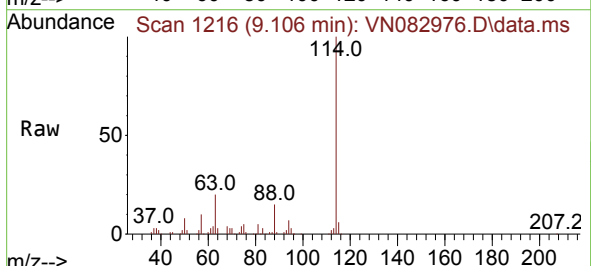
Tgt Ion: 114 Resp: 170652

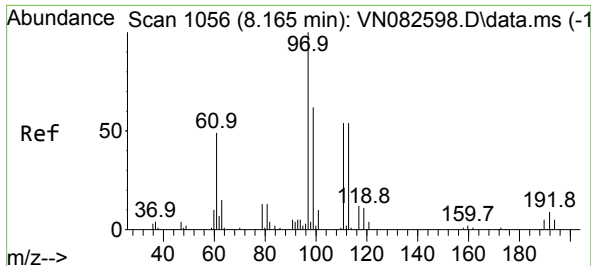
Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.6

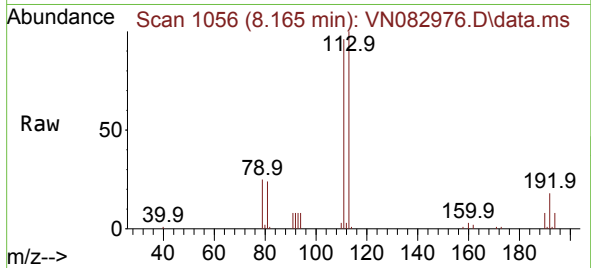
88 14.8 0.0 31.4



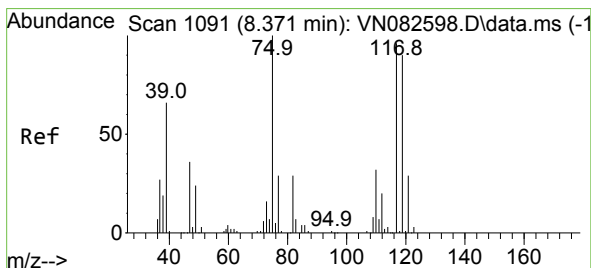
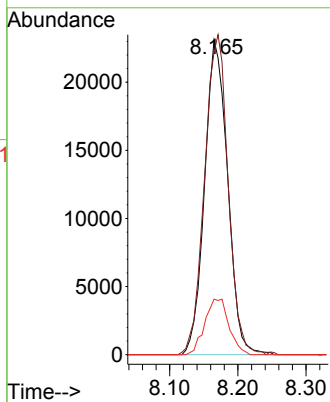
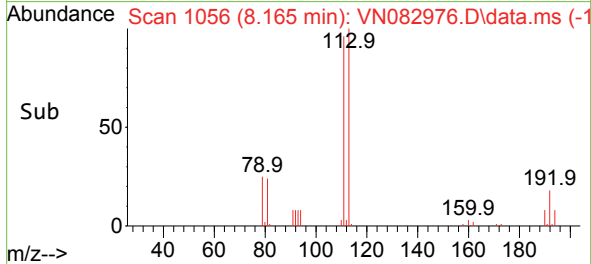


#35
Dibromofluoromethane
Concen: 49.536 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Instrument :
MSVOA_N
ClientSampleId :

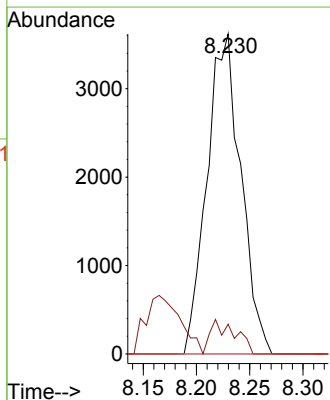
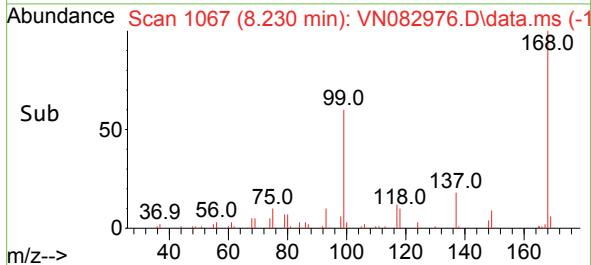
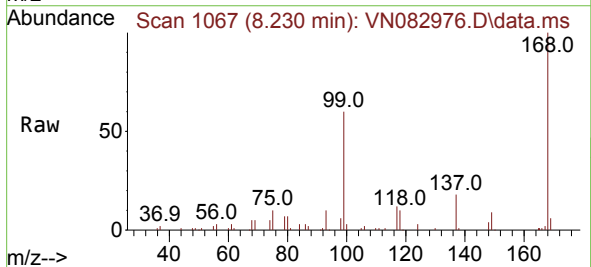


Tgt Ion:113 Resp: 54243
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 18.6 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.300 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Tgt Ion: 75 Resp: 8002
Ion Ratio Lower Upper
75 100
110 7.8 16.3 48.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.913 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

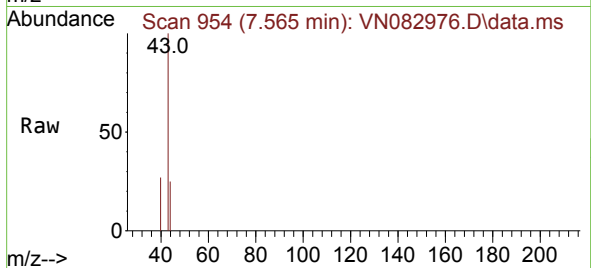
Lab File: VN082976.D

Acq: 18 Jul 2024 14:54

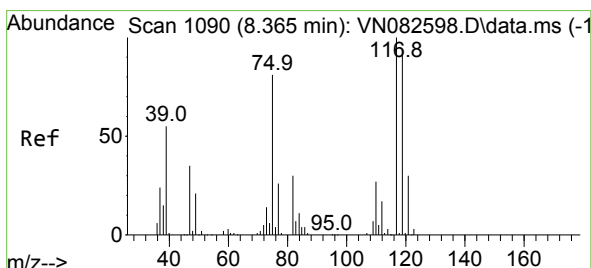
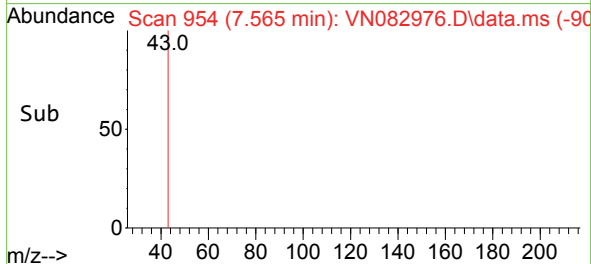
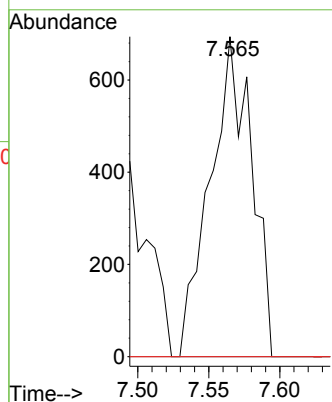
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	1403
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.3	13.9#
70	0.0	7.0	10.6#



#38

Carbon Tetrachloride

Concen: 5.326 ug/l

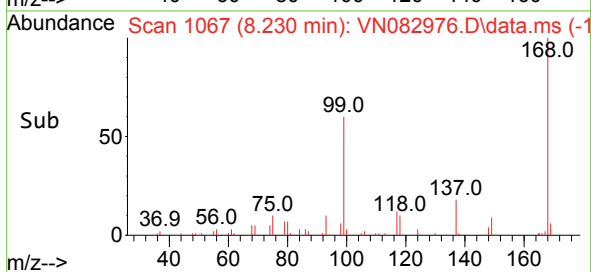
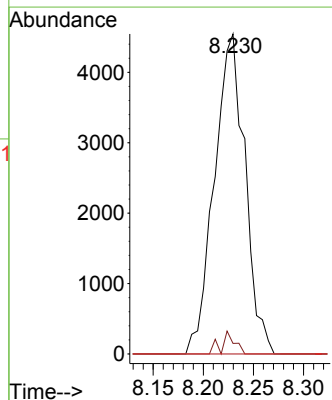
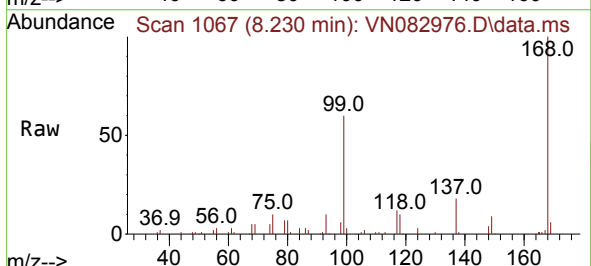
RT: 8.230 min Scan# 1067

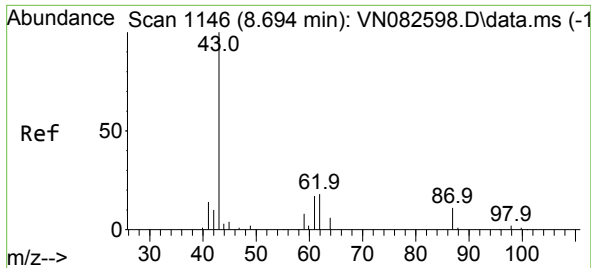
Delta R.T. -0.135 min

Lab File: VN082976.D

Acq: 18 Jul 2024 14:54

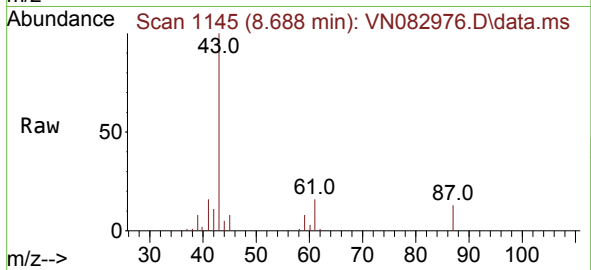
Tgt Ion:	117	Resp:	9681
Ion	Ratio	Lower	Upper
117	100		
119	3.3	74.9	112.3#
121	0.0	24.3	36.5#



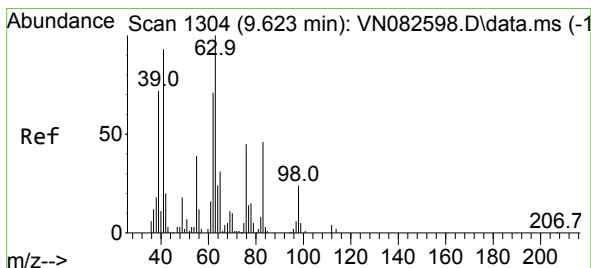
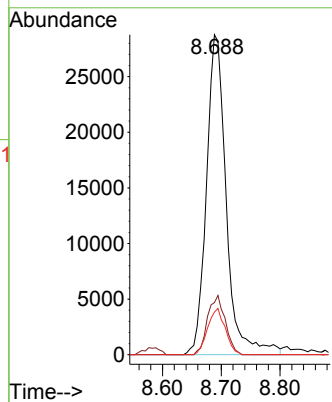
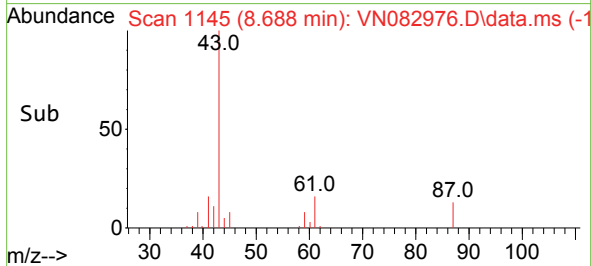


#43
Isopropyl Acetate
Concen: 21.644 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

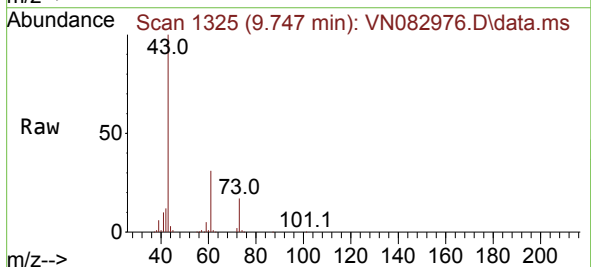
Instrument :
MSVOA_N
ClientSampleId :



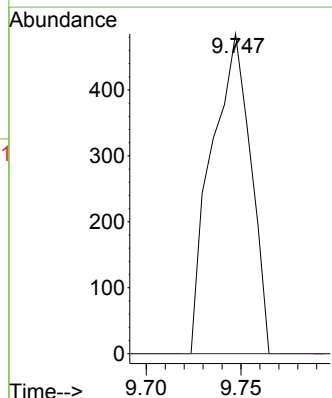
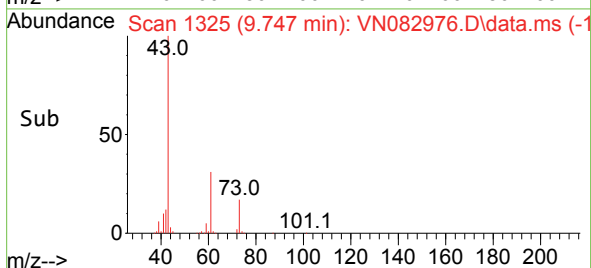
Tgt Ion: 43 Resp: 67608
Ion Ratio Lower Upper
43 100
61 16.5 17.8 26.6#
87 12.8 8.2 12.2#

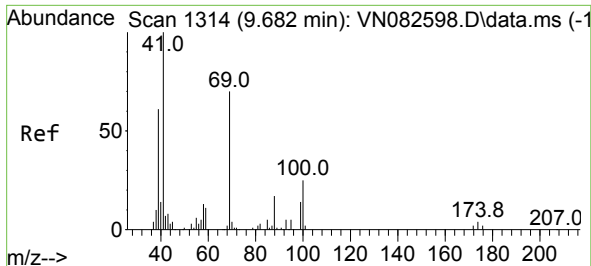


#45
1,2-Dichloropropane
Concen: 0.644 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.124 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54



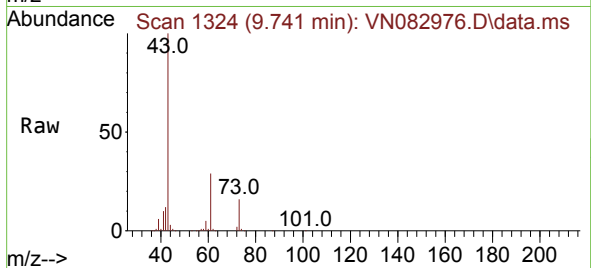
Tgt Ion: 63 Resp: 698
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#



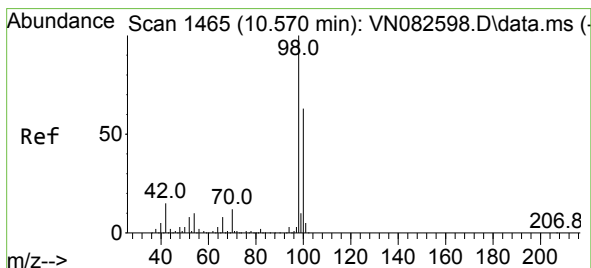
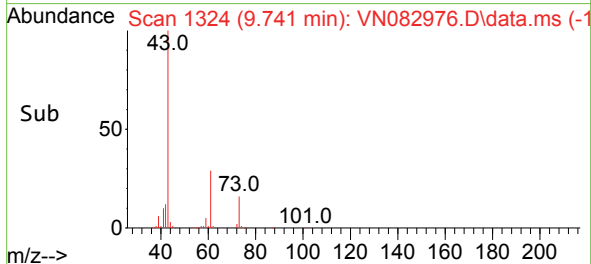
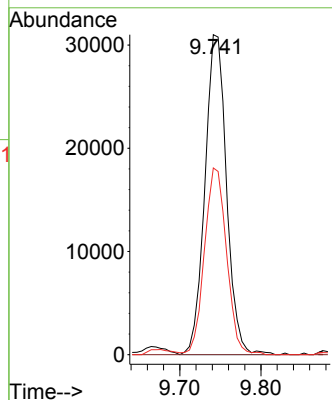


#48
Methyl methacrylate
Concen: 47.560 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Instrument :
MSVOA_N
ClientSampleId :

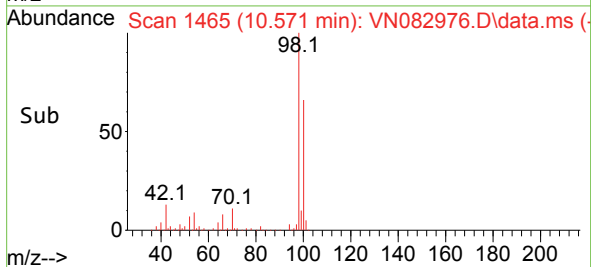
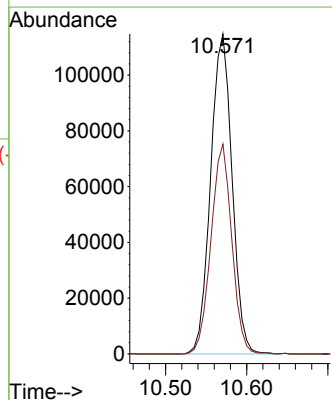
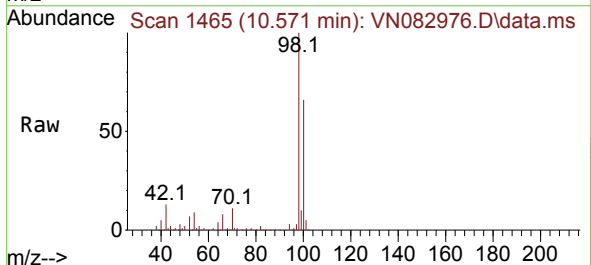


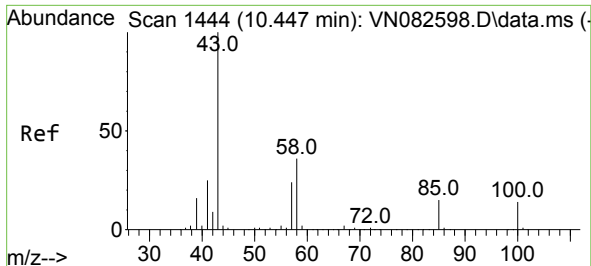
Tgt Ion: 41 Resp: 57321
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 59.7 50.3 75.5



#50
Toluene-d8
Concen: 52.044 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Tgt Ion: 98 Resp: 210491
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3

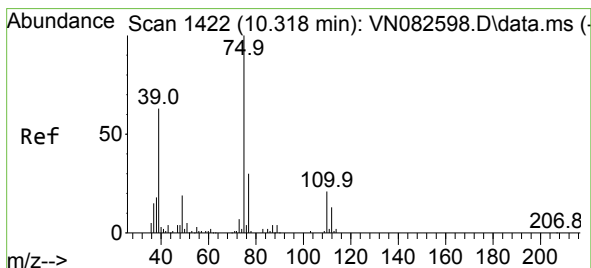
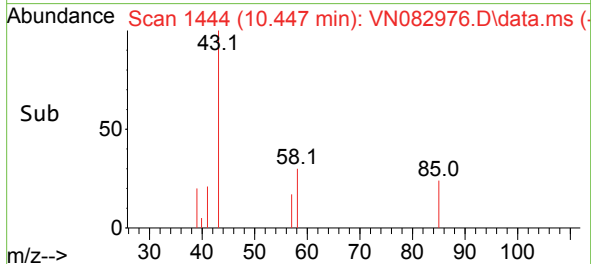
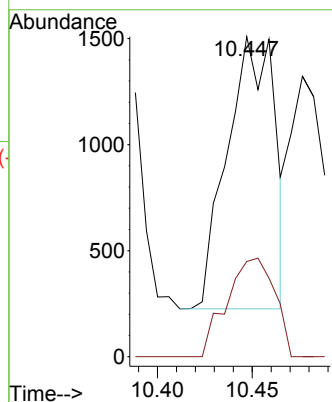
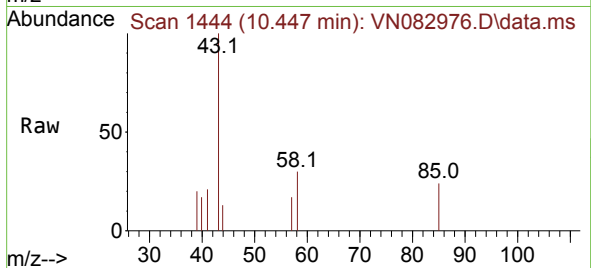




#51
4-Methyl-2-Pentanone
Concen: 1.467 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

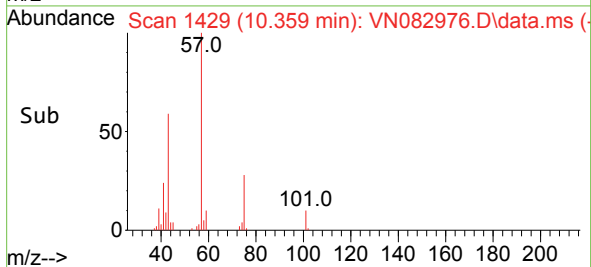
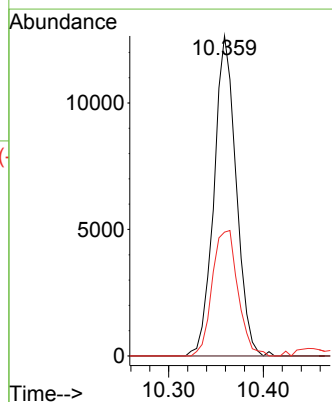
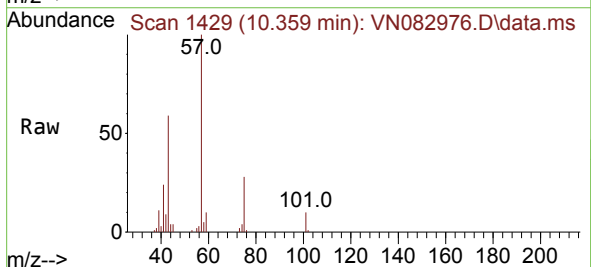
Instrument :
MSVOA_N
ClientSampleId :

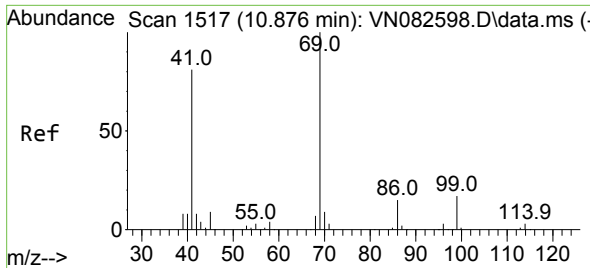
Tgt Ion: 43 Resp: 2236
Ion Ratio Lower Upper
43 100
58 36.4 28.2 42.4



#54
cis-1,3-Dichloropropene
Concen: 10.842 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Tgt Ion: 75 Resp: 20633
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 38.7 50.5 75.7#

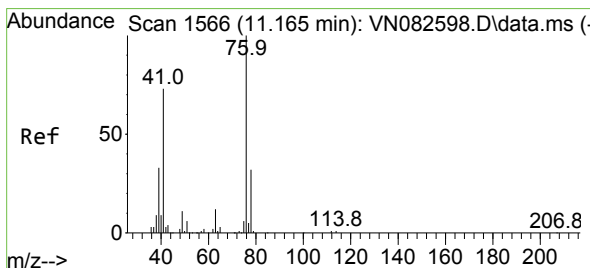
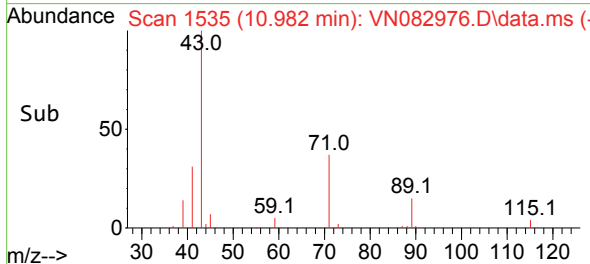
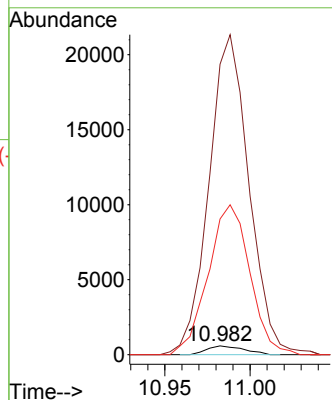
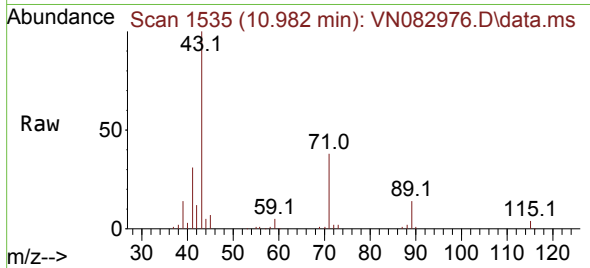




#56
Ethyl methacrylate
Concen: 0.534 ug/l
RT: 10.982 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

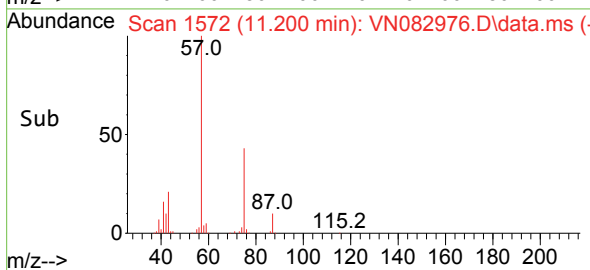
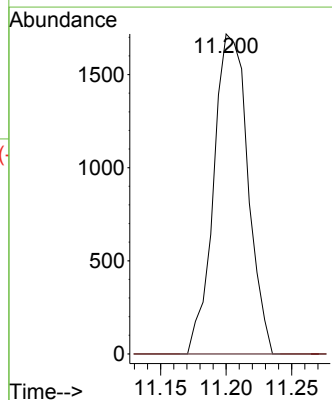
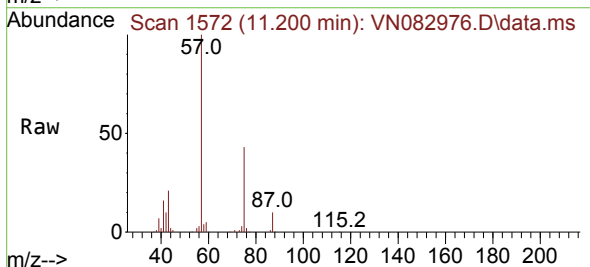
Instrument :
MSVOA_N
ClientSampleId :

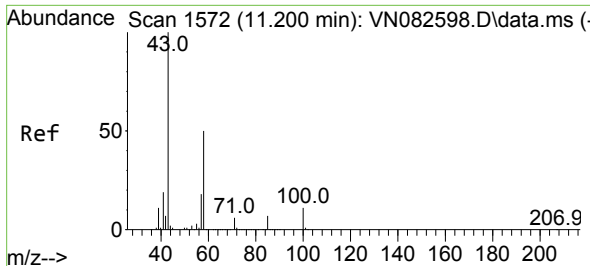
Tgt Ion: 69 Resp: 886
Ion Ratio Lower Upper
69 100
41 3946.7 63.4 95.2#
39 1923.0 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.651 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

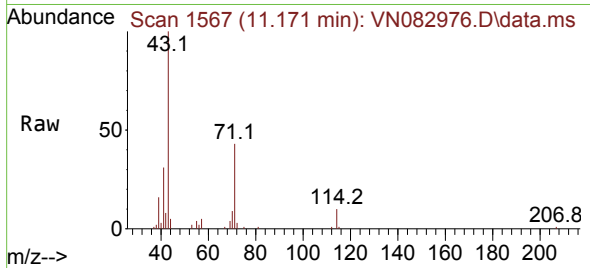
Tgt Ion: 76 Resp: 3118
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



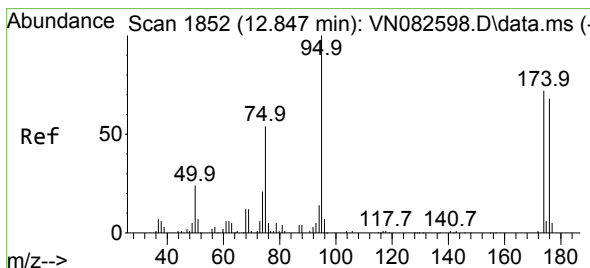
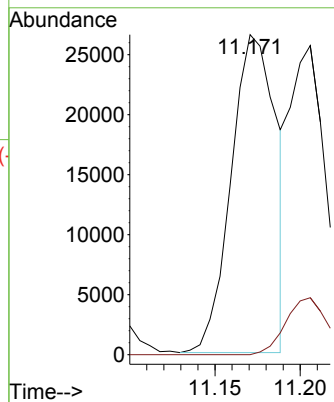
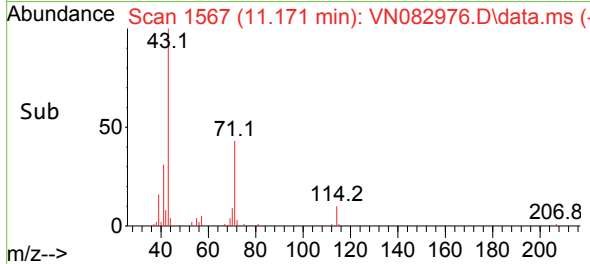


#59
2-Hexanone
Concen: 42.930 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.029 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Instrument :
MSVOA_N
ClientSampleId :

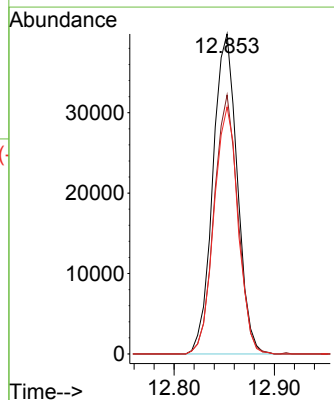
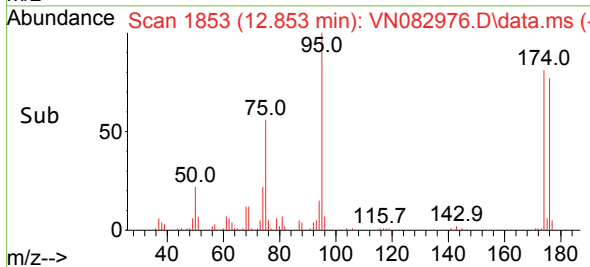
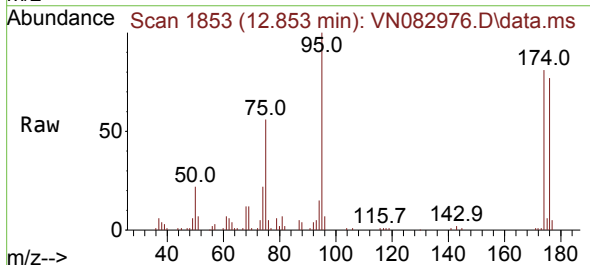


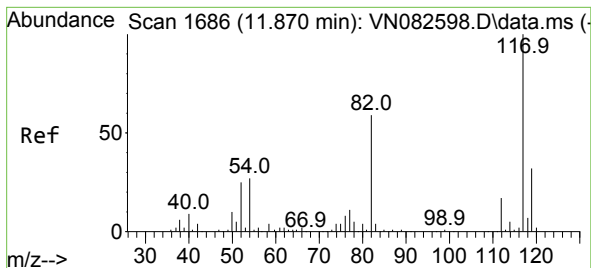
Tgt Ion: 43 Resp: 48637
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 46.257 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

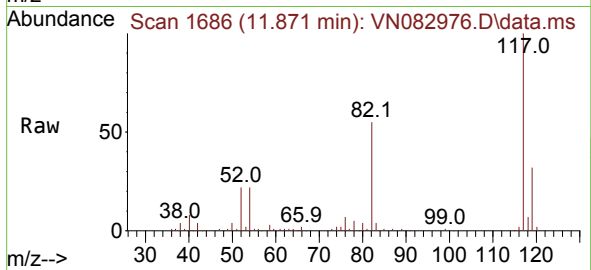
Tgt Ion: 95 Resp: 67202
Ion Ratio Lower Upper
95 100
174 79.1 0.0 159.2
176 76.6 0.0 147.6



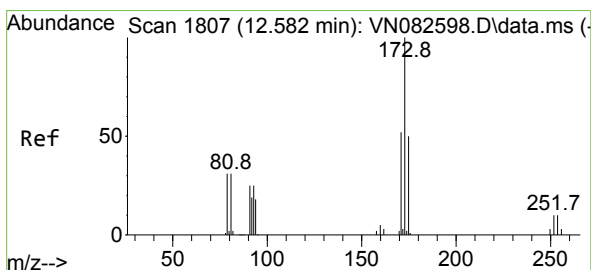
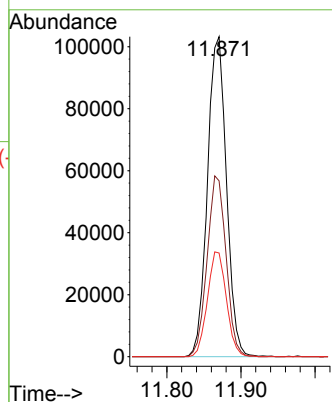
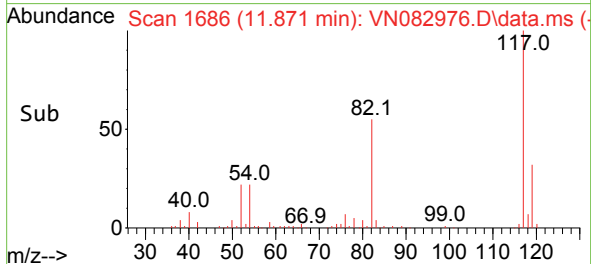


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Instrument :
MSVOA_N
ClientSampleId :

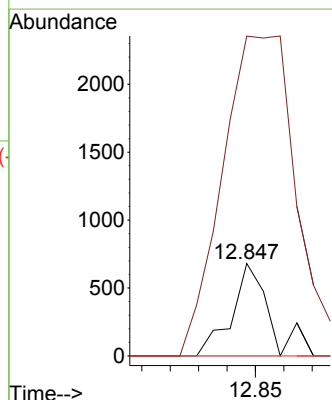
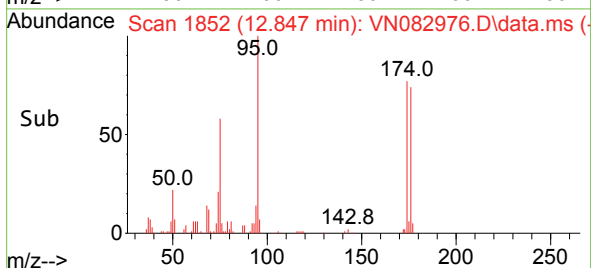
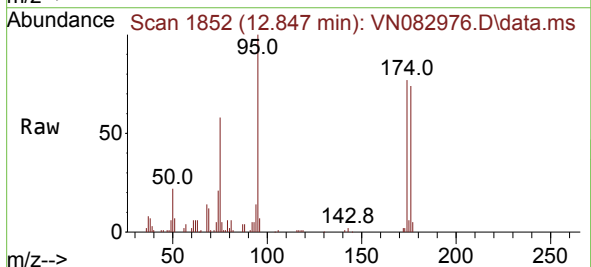


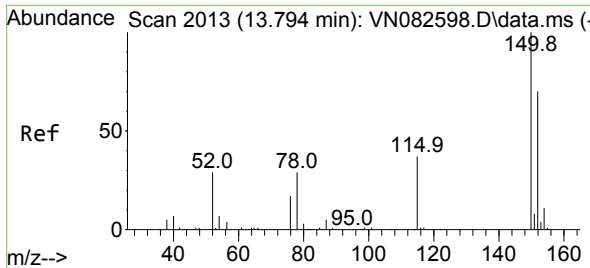
Tgt Ion:117 Resp: 183836
Ion Ratio Lower Upper
117 100
82 54.9 47.5 71.3
119 32.4 25.6 38.4



#71
Bromoform
Concen: 0.495 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

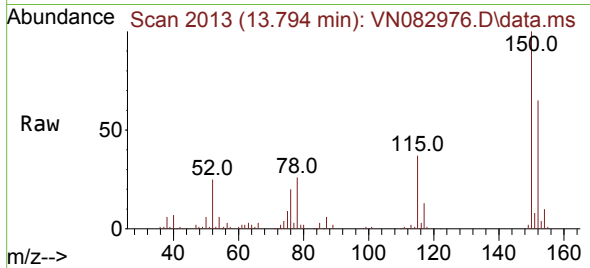
Tgt Ion:173 Resp: 546
Ion Ratio Lower Upper
173 100
175 499.8 24.0 72.0#
254 0.0 0.0 0.0



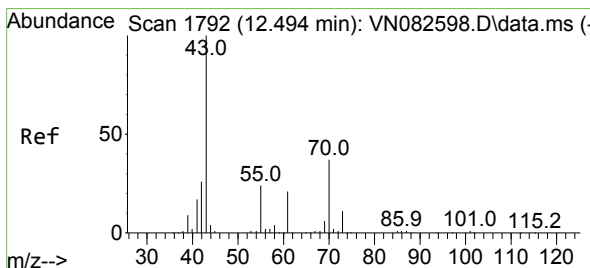
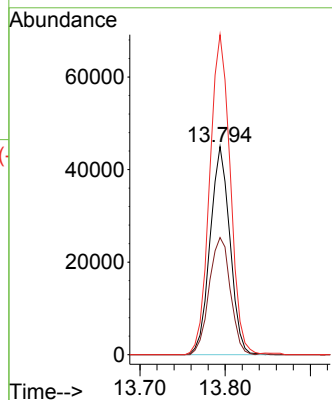
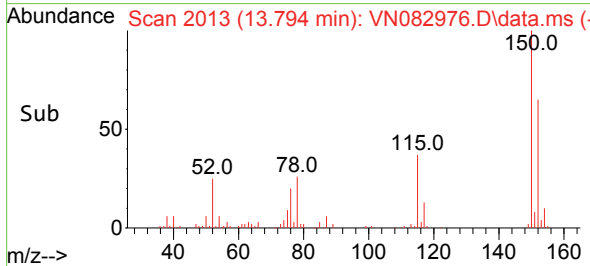


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

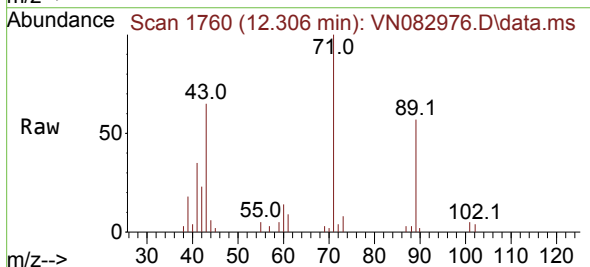
Instrument :
MSVOA_N
ClientSampleId :



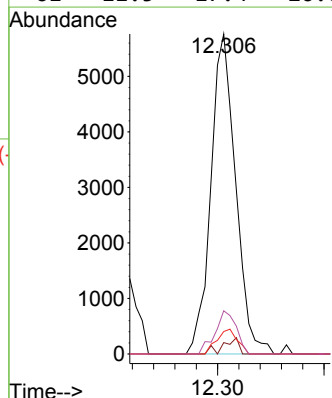
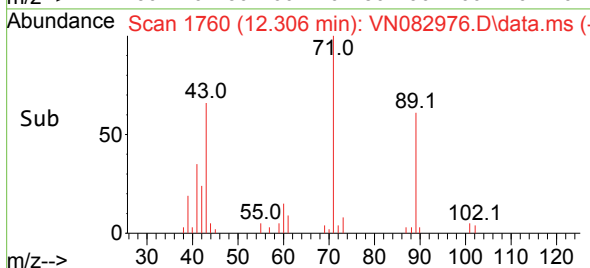
Tgt Ion:152 Resp: 72705
Ion Ratio Lower Upper
152 100
115 60.3 30.6 91.6
150 159.6 0.0 348.6

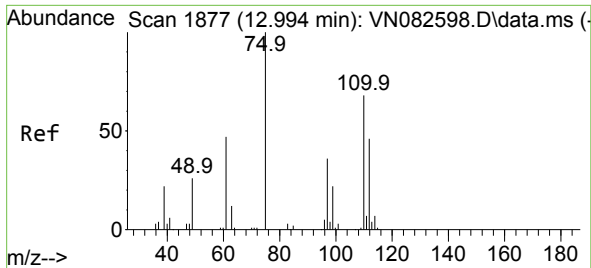


#74
N-ethyl acetate
Concen: 4.264 ug/l
RT: 12.306 min Scan# 1760
Delta R.T. -0.188 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54



Tgt Ion: 43 Resp: 9319
Ion Ratio Lower Upper
43 100
70 3.1 29.8 44.6#
55 6.4 18.7 28.1#
61 11.5 17.4 26.0#

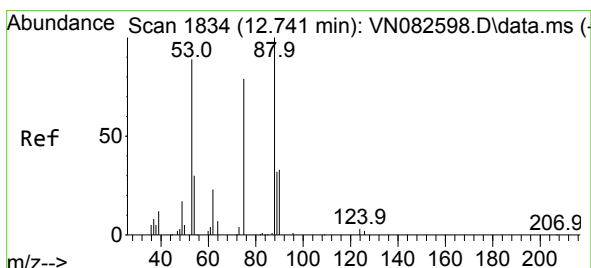
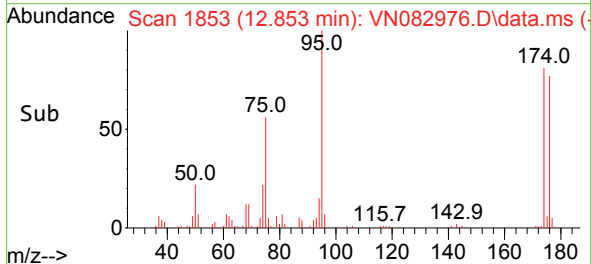
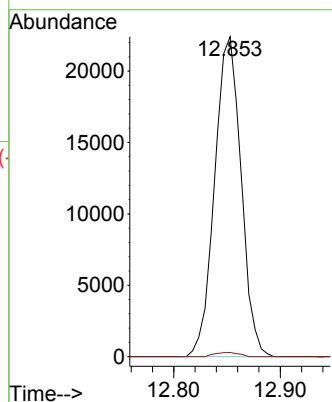
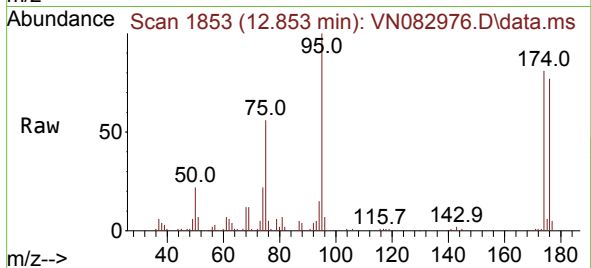




#76
1,2,3-Trichloropropane
Concen: 30.757 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 38553
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.490 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082976.D
Acq: 18 Jul 2024 14:54

Tgt Ion: 75 Resp: 38553
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

