

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082444.D
 Acq On : 03 Jun 2024 19:16
 Operator : JC\MD
 Sample : P2668-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 04 00:34:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

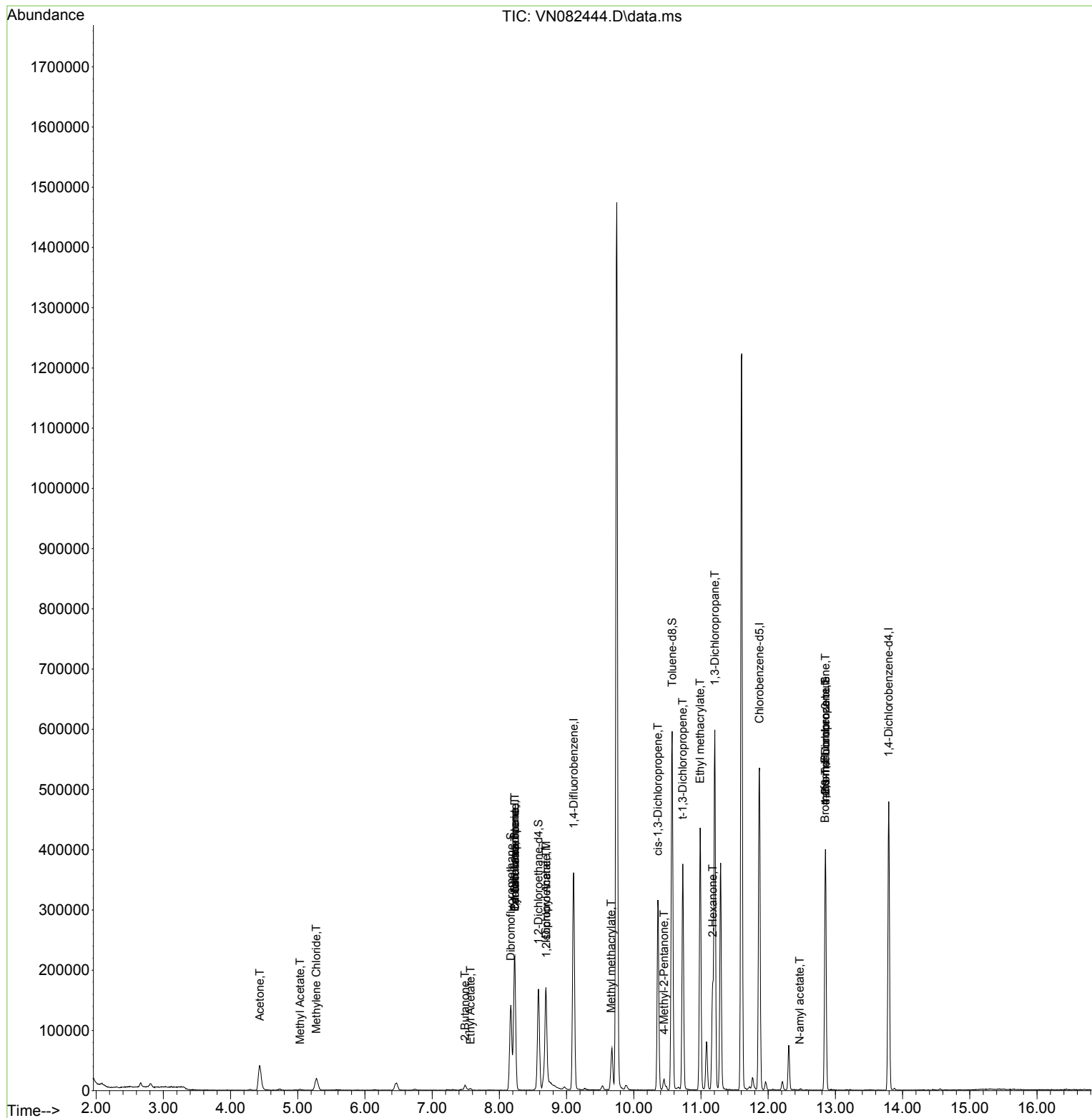
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	156086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	286821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	287833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133512	54.171	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.340%	
35) Dibromofluoromethane	8.171	113	96894	54.916	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.840%	
50) Toluene-d8	10.571	98	380133	56.195	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.380%	
62) 4-Bromofluorobenzene	12.853	95	126216	52.276	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 104.560%	
Target Compounds						Qvalue
16) Acetone	4.436	43	82369	81.470	ug/l	91
18) Methyl Acetate	5.036	43	3244	1.288	ug/l #	65
20) Methylene Chloride	5.277	84	14027	6.876	ug/l #	80
25) 2-Butanone	7.488	43	13166	8.589	ug/l #	78
31) Cyclohexane	8.230	56	4797	1.219	ug/l #	56
36) 1,1-Dichloropropene	8.230	75	14752	4.985	ug/l #	48
37) Ethyl Acetate	7.571	43	4763	1.438	ug/l #	78
38) Carbon Tetrachloride	8.230	117	16645	5.549	ug/l #	17
42) 1,2-Dichloroethane	8.700	62	852	0.251	ug/l #	73
43) Isopropyl Acetate	8.694	43	218387	37.216	ug/l #	76
48) Methyl methacrylate	9.665	41	4665	1.668	ug/l #	39
51) 4-Methyl-2-Pentanone	10.453	43	18562	5.567	ug/l #	69
53) t-1,3-Dichloropropene	10.729	75	825	0.253	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	48048	13.909	ug/l #	76
56) Ethyl methacrylate	10.988	69	1736	0.531	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	5452	1.515	ug/l #	42
59) 2-Hexanone	11.176	43	154132	63.138	ug/l #	23
71) Bromoform	12.847	173	1101	1.353	ug/l #	28
74) N-amyl acetate	12.470	43	1314	0.255	ug/l #	39
76) 1,2,3-Trichloropropane	12.853	75	74384	29.964	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	74384	70.084	ug/l #	12

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

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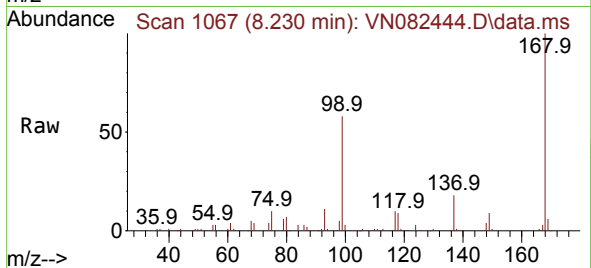
Quant Time: Jun 04 00:34:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
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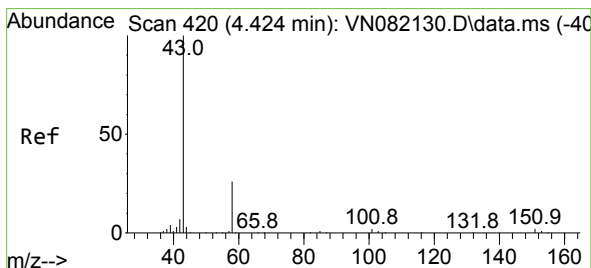
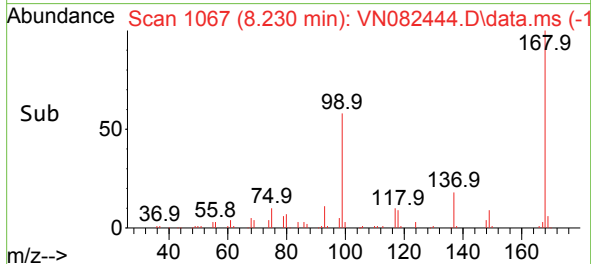
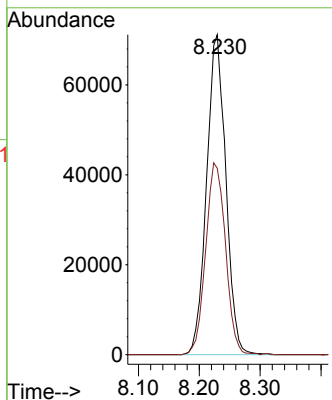


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

Instrument :
MSVOA_N
ClientSampleId :

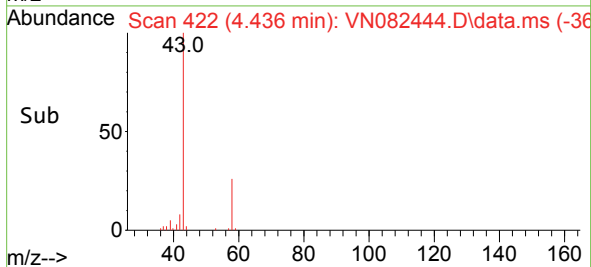
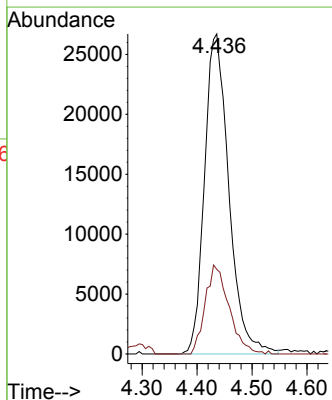
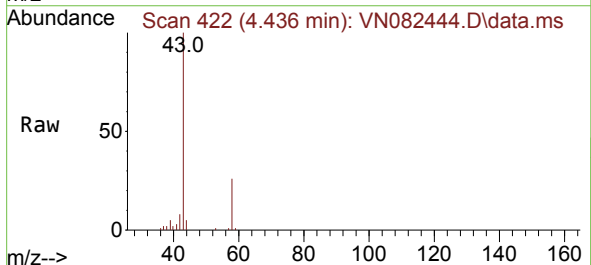


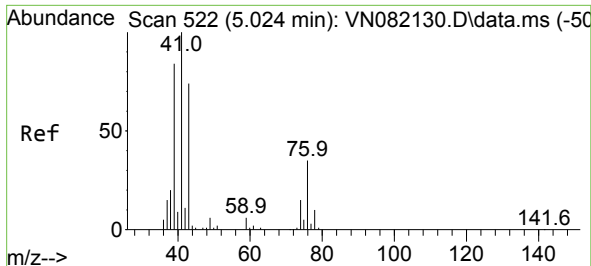
Tgt Ion:168 Resp: 156086
Ion Ratio Lower Upper
168 100
99 58.3 48.2 72.4



#16
Acetone
Concen: 81.470 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

Tgt Ion: 43 Resp: 82369
Ion Ratio Lower Upper
43 100
58 26.4 25.2 37.8

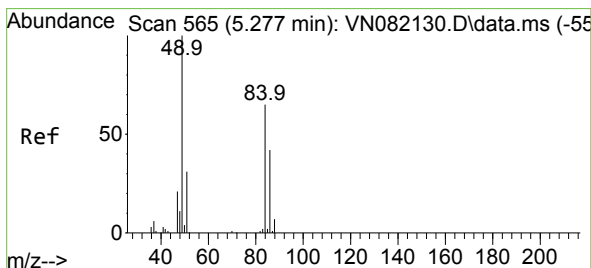
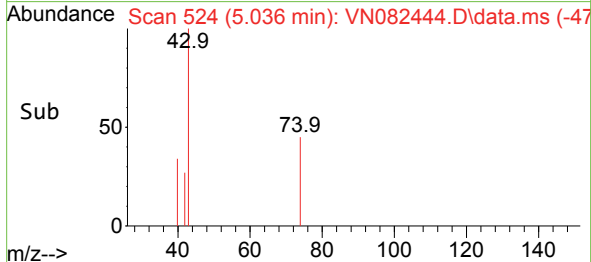
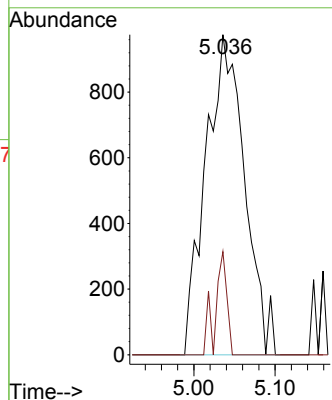
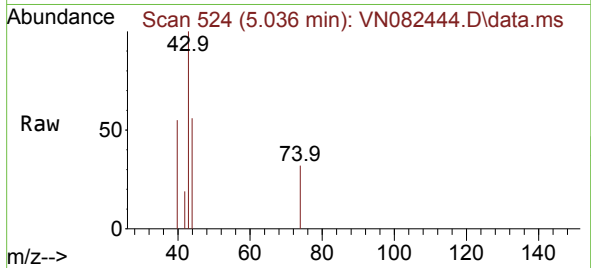




#18
Methyl Acetate
Concen: 1.288 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

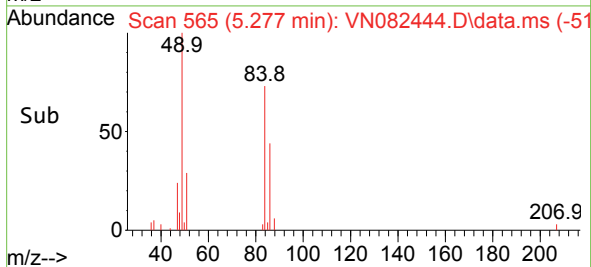
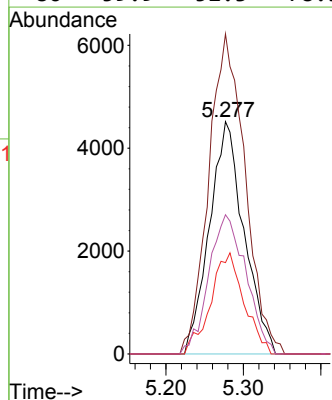
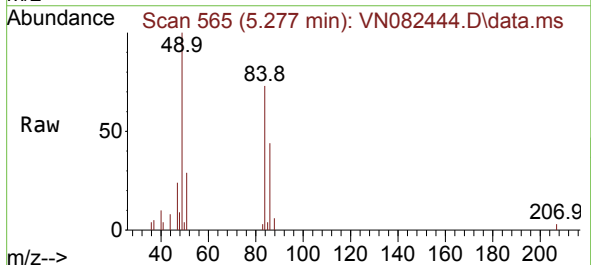
Instrument :
MSVOA_N
ClientSampleId :

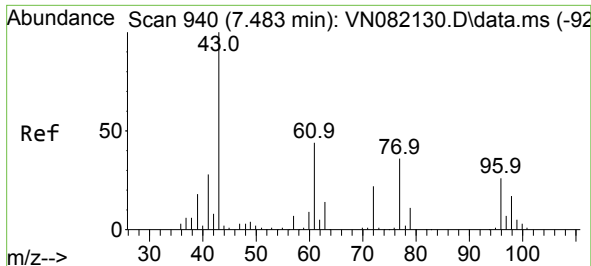
Tgt Ion: 43 Resp: 3244
Ion Ratio Lower Upper
43 100
74 9.6 22.2 33.2#



#20
Methylene Chloride
Concen: 6.876 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

Tgt Ion: 84 Resp: 14027
Ion Ratio Lower Upper
84 100
49 137.7 84.9 127.3#
51 39.3 27.0 40.6
86 59.9 52.3 78.5

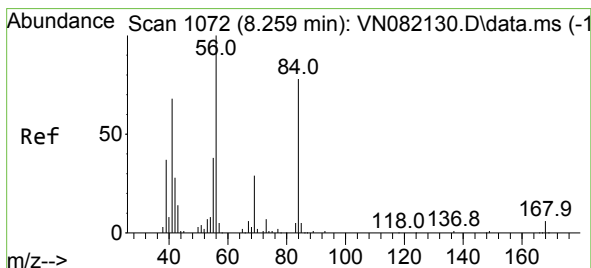
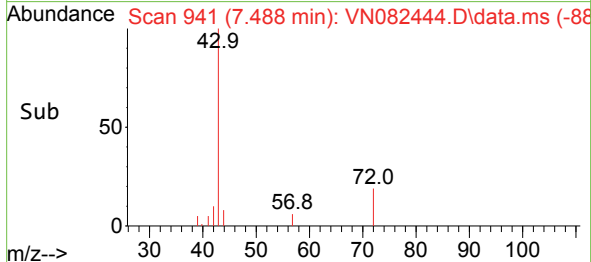
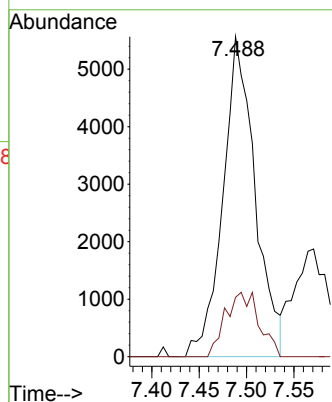
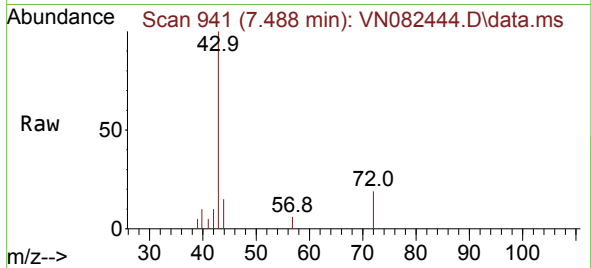




#25
2-Butanone
Concen: 8.589 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

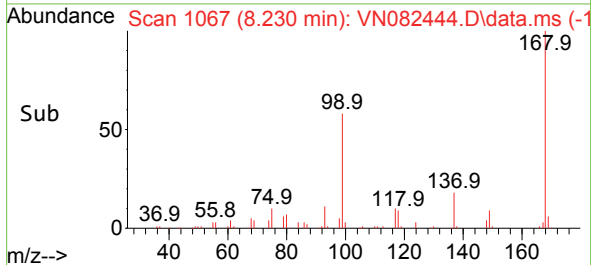
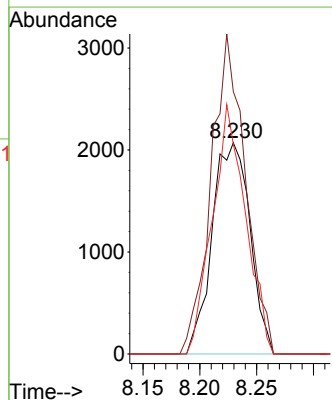
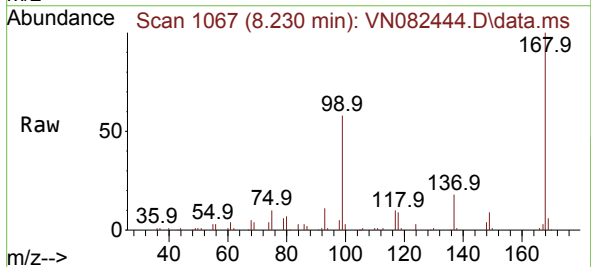
Instrument :
MSVOA_N
ClientSampleId :

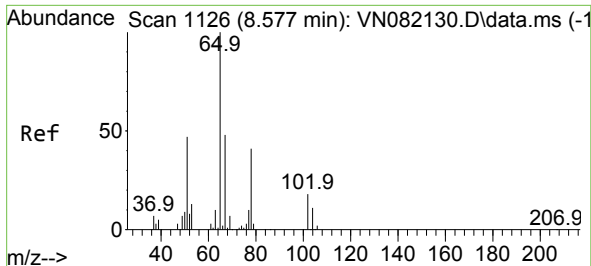
Tgt Ion: 43 Resp: 13166
Ion Ratio Lower Upper
43 100
72 19.5 25.3 37.9#



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

Tgt Ion: 56 Resp: 4797
Ion Ratio Lower Upper
56 100
69 124.2 24.4 36.6#
84 99.3 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 54.171 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082444.D

Acq: 03 Jun 2024 19:16

Instrument :

MSVOA_N

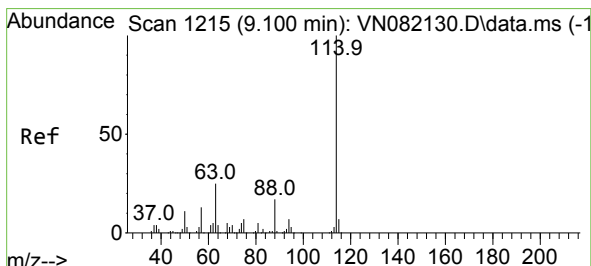
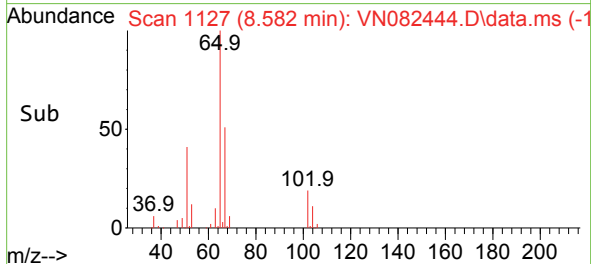
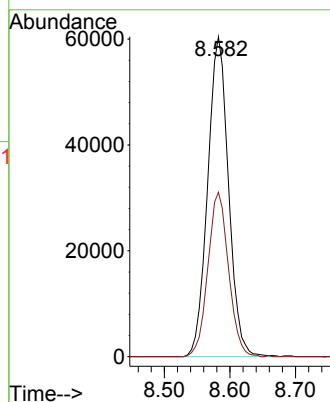
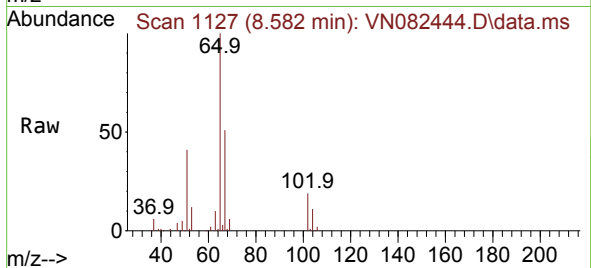
ClientSampleId :

Tgt Ion: 65 Resp: 133512

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082444.D

Acq: 03 Jun 2024 19:16

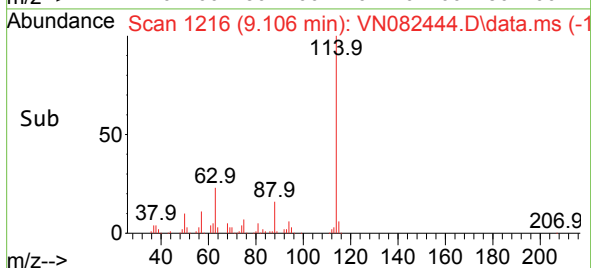
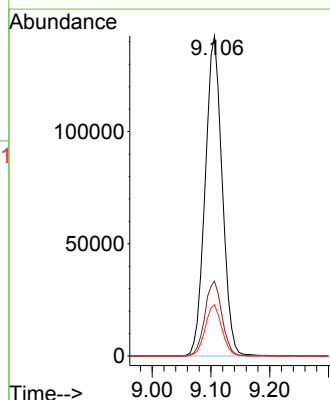
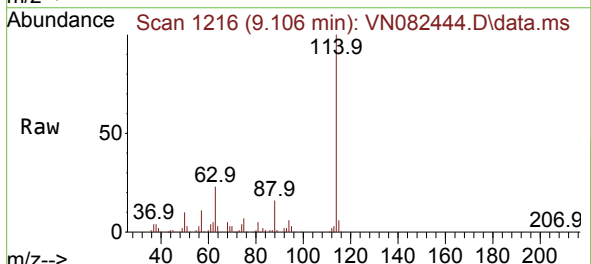
Tgt Ion: 114 Resp: 286821

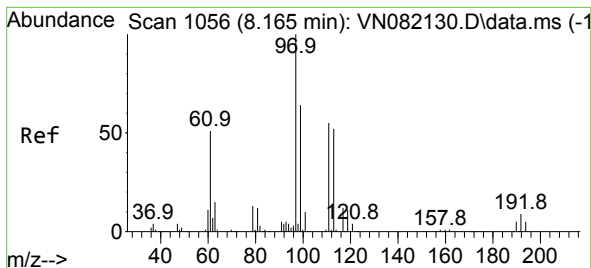
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.916 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

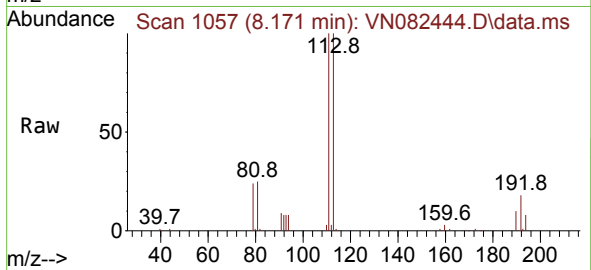
Lab File: VN082444.D

Acq: 03 Jun 2024 19:16

Instrument :

MSVOA_N

ClientSampleId :



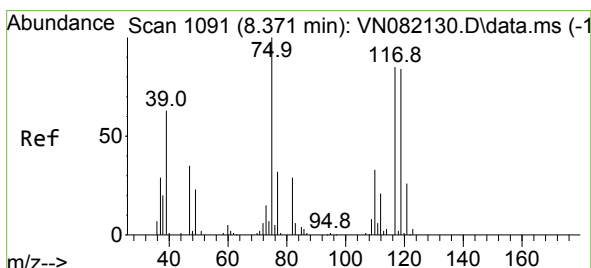
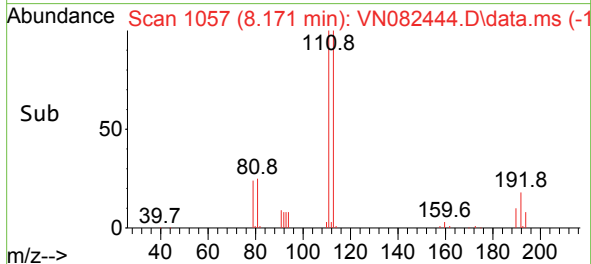
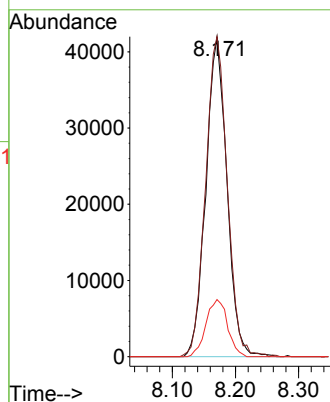
Tgt Ion:113 Resp: 96894

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

192 18.4 14.0 21.0



#36

1,1-Dichloropropene

Concen: 4.985 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082444.D

Acq: 03 Jun 2024 19:16

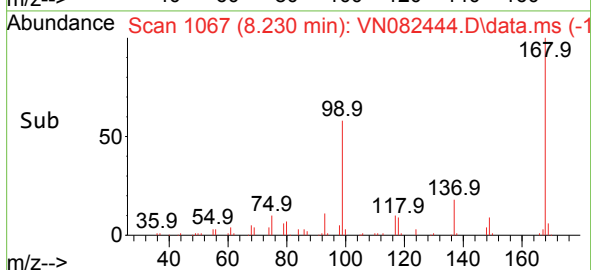
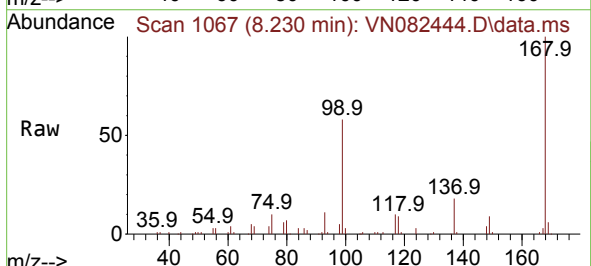
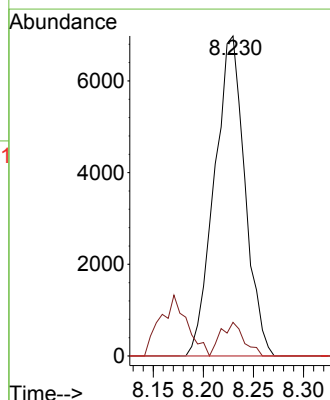
Tgt Ion: 75 Resp: 14752

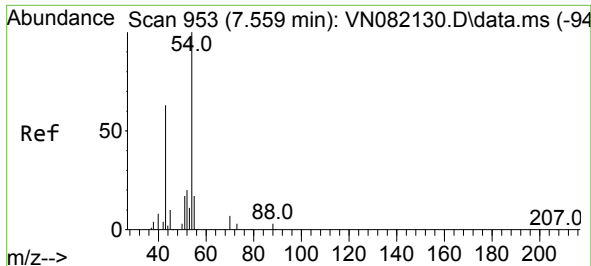
Ion Ratio Lower Upper

75 100

110 8.0 17.8 53.5#

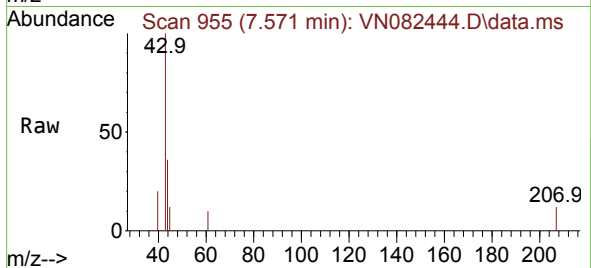
77 0.0 25.0 37.4#



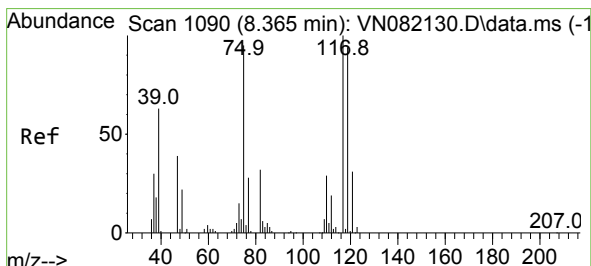
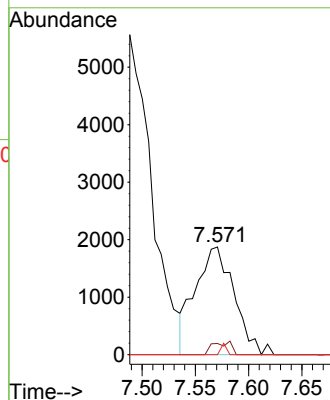
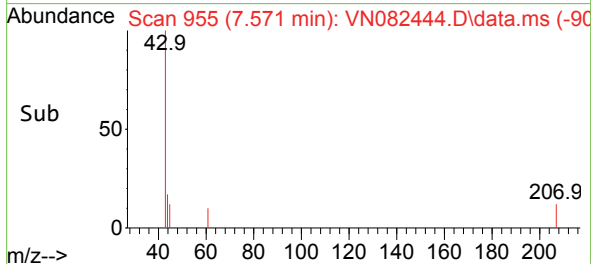


#37
Ethyl Acetate
Concen: 1.438 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

Instrument :
MSVOA_N
ClientSampleId :

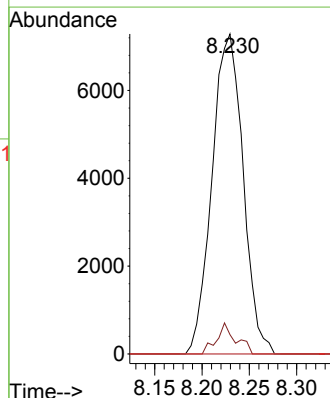
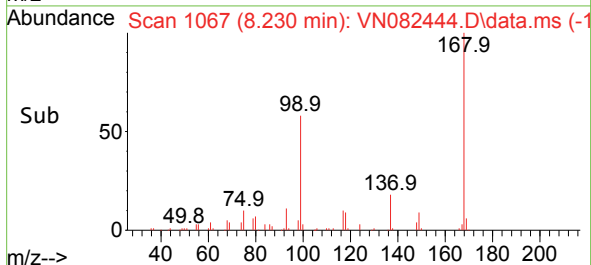
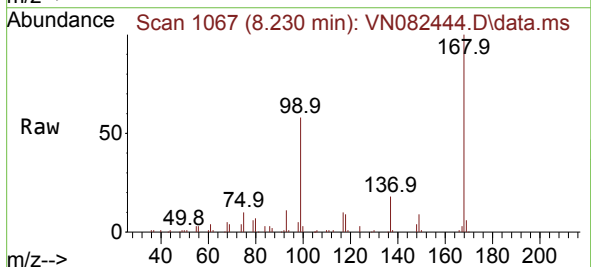


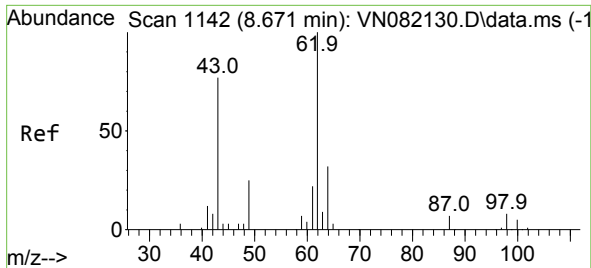
Tgt Ion: 43 Resp: 4763
Ion Ratio Lower Upper
43 100
61 5.7 11.3 16.9#
70 1.4 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.549 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

Tgt Ion: 117 Resp: 16645
Ion Ratio Lower Upper
117 100
119 6.1 76.5 114.7#
121 0.0 23.9 35.9#





#42

1,2-Dichloroethane

Concen: 0.251 ug/l

RT: 8.700 min Scan# 1142

Delta R.T. 0.029 min

Lab File: VN082444.D

Acq: 03 Jun 2024 19:16

Instrument :

MSVOA_N

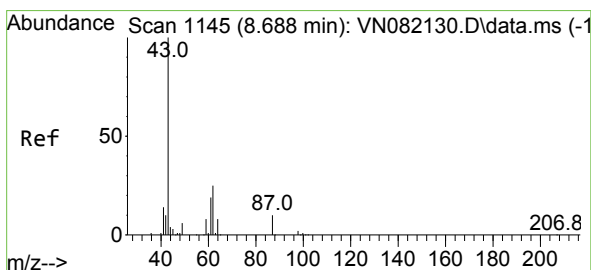
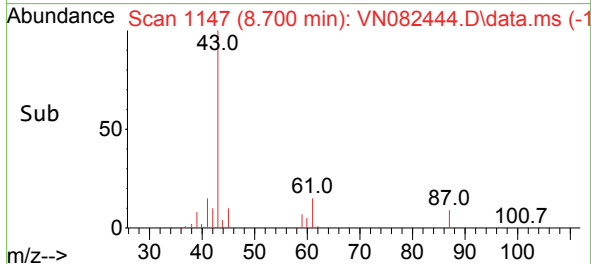
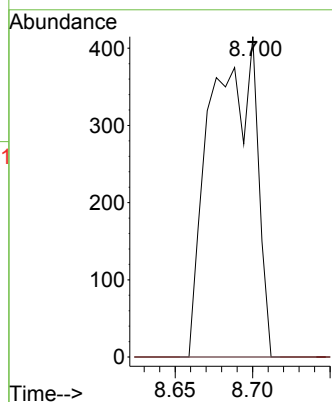
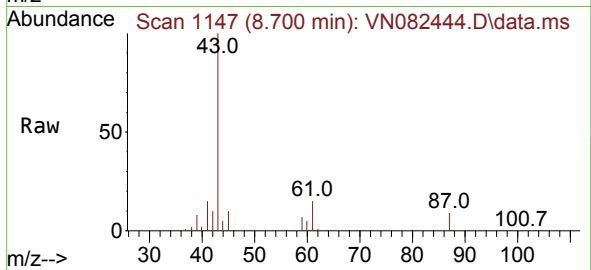
ClientSampleId :

Tgt Ion: 62 Resp: 852

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.6



#43

Isopropyl Acetate

Concen: 37.216 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN082444.D

Acq: 03 Jun 2024 19:16

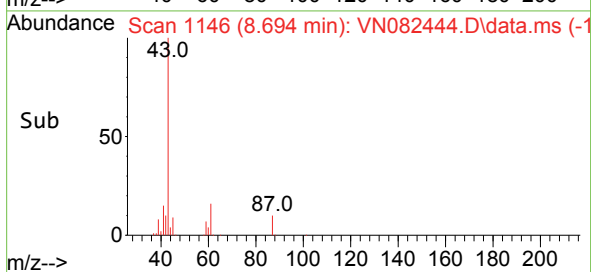
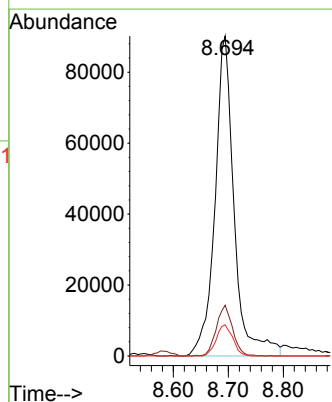
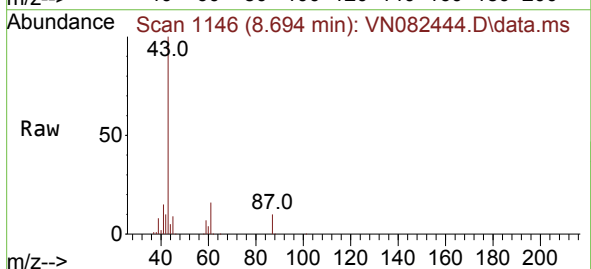
Tgt Ion: 43 Resp: 218387

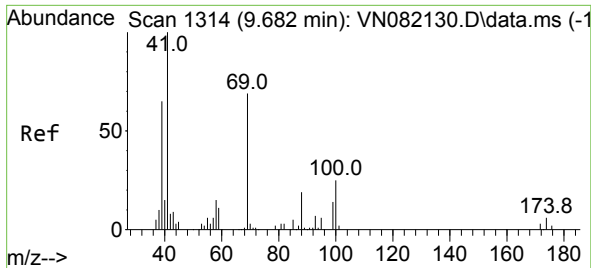
Ion Ratio Lower Upper

43 100

61 13.5 22.8 34.2#

87 8.3 12.0 18.0#

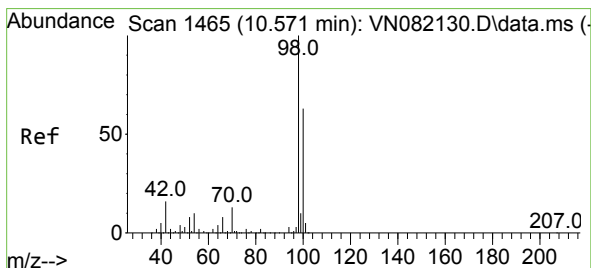
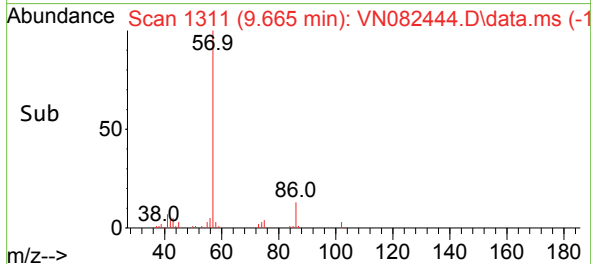
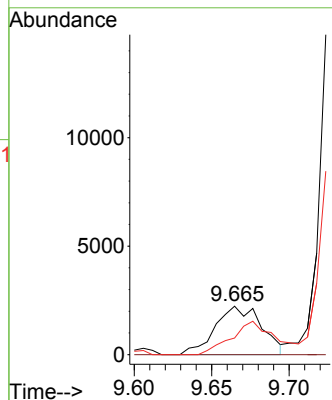
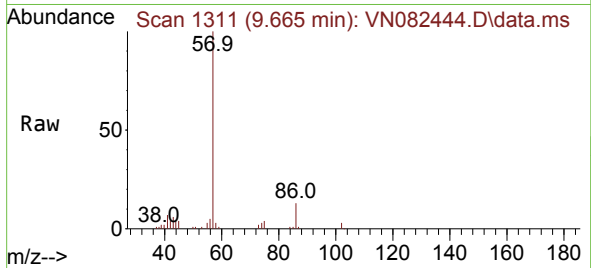




#48
Methyl methacrylate
Concen: 1.668 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

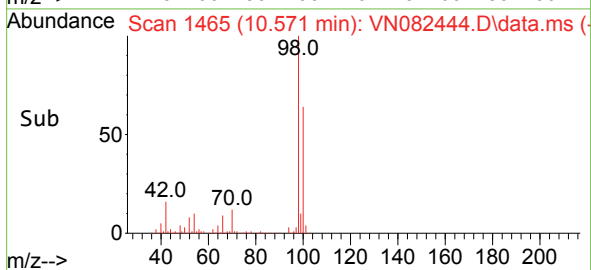
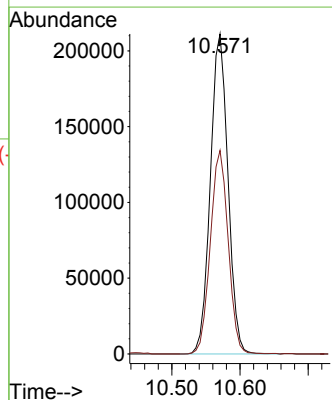
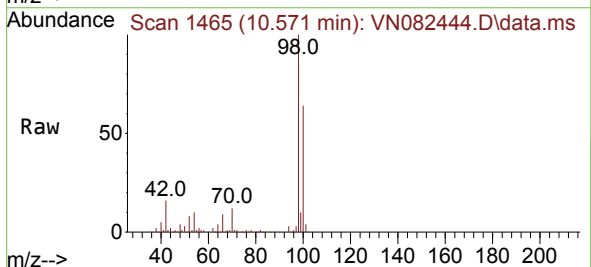
Instrument :
MSVOA_N
ClientSampleId :

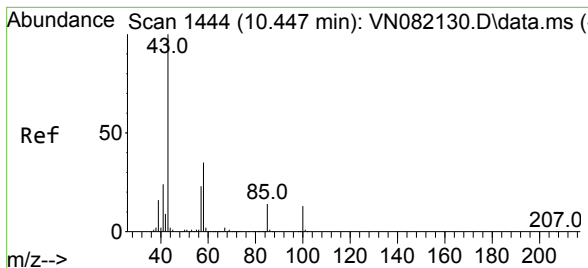
Tgt Ion: 41 Resp: 4665
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 65.5 50.9 76.3



#50
Toluene-d8
Concen: 56.195 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

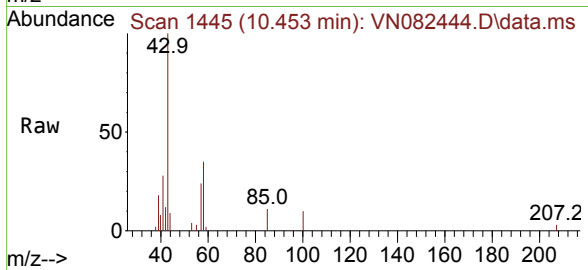
Tgt Ion: 98 Resp: 380133
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



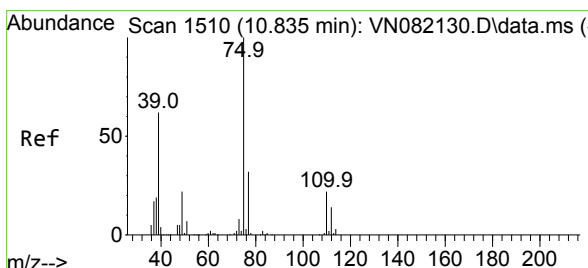
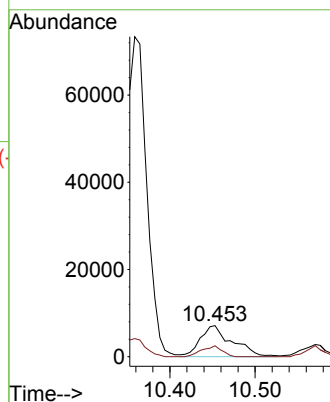
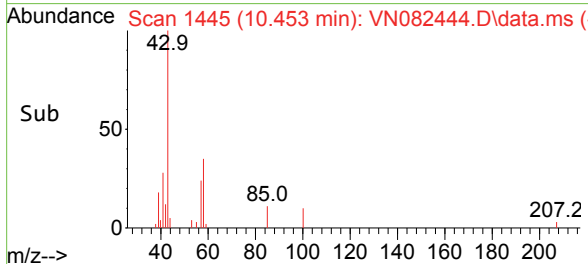


#51
4-Methyl-2-Pentanone
Concen: 5.567 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

Instrument :
MSVOA_N
ClientSampleId :

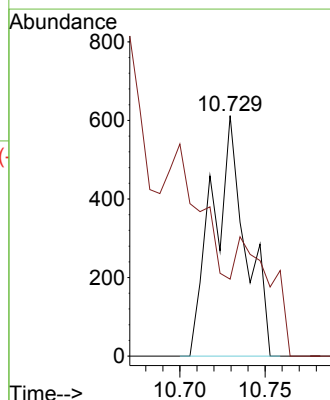
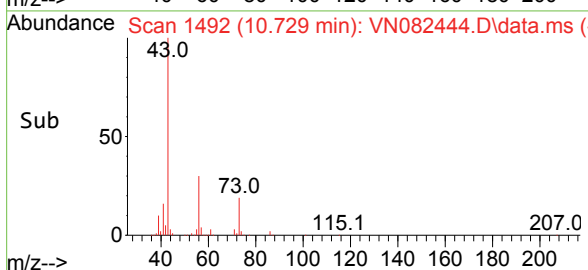
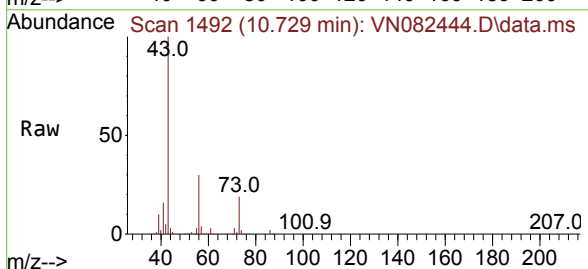


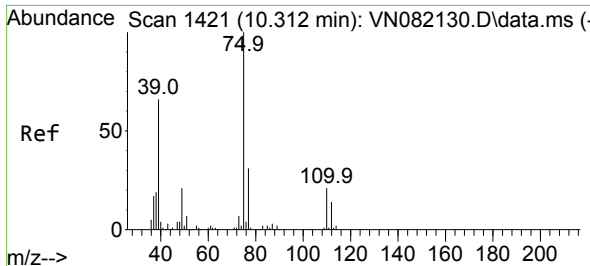
Tgt Ion: 43 Resp: 18562
Ion Ratio Lower Upper
43 100
58 22.2 33.2 49.8#



#53
t-1,3-Dichloropropene
Concen: 0.253 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

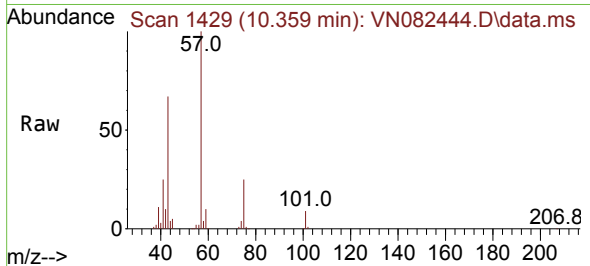
Tgt Ion: 75 Resp: 825
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



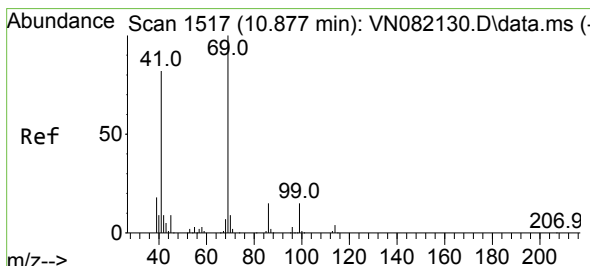
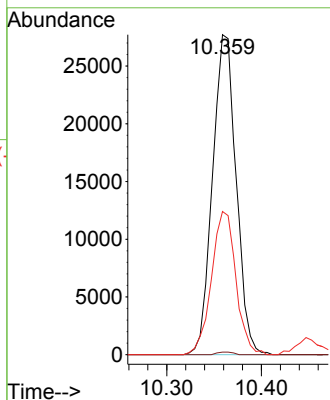
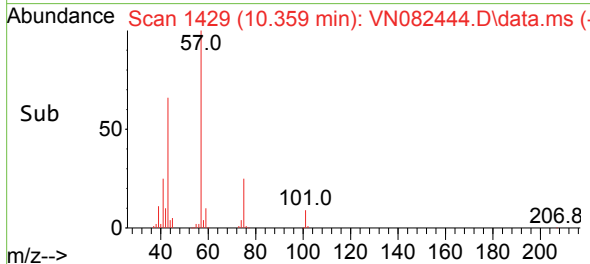


#54
 cis-1,3-Dichloropropene
 Concen: 13.909 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN082444.D
 Acq: 03 Jun 2024 19:16

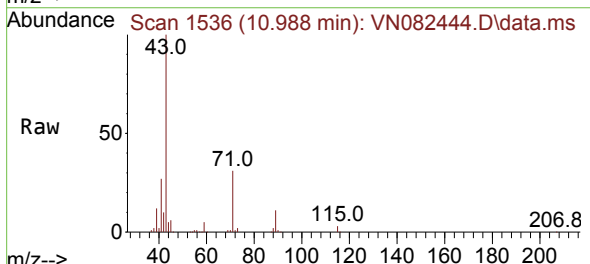
Instrument :
 MSVOA_N
 ClientSampleId :



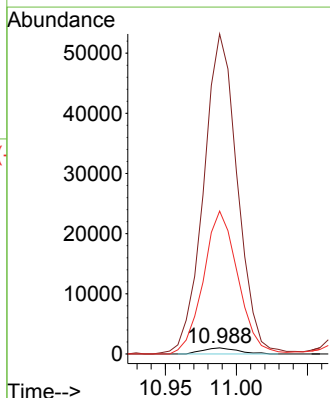
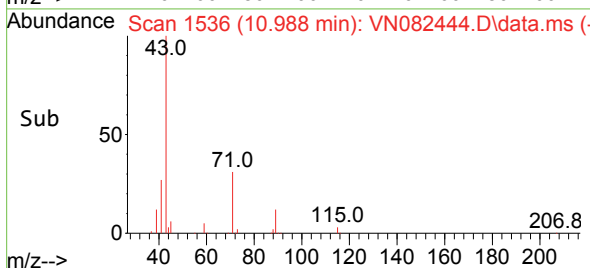
Tgt Ion: 75 Resp: 48048
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.0 37.4#
 39 44.8 34.8 52.2

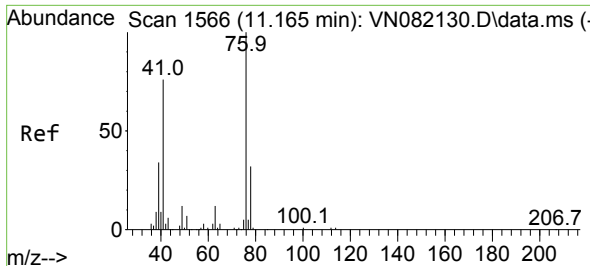


#56
 Ethyl methacrylate
 Concen: 0.531 ug/l
 RT: 10.988 min Scan# 1536
 Delta R.T. 0.112 min
 Lab File: VN082444.D
 Acq: 03 Jun 2024 19:16



Tgt Ion: 69 Resp: 1736
 Ion Ratio Lower Upper
 69 100
 41 5098.4 46.6 70.0#
 39 2314.1 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 1.515 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN082444.D

Acq: 03 Jun 2024 19:16

Instrument :

MSVOA_N

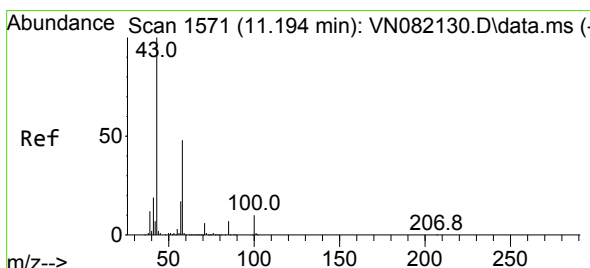
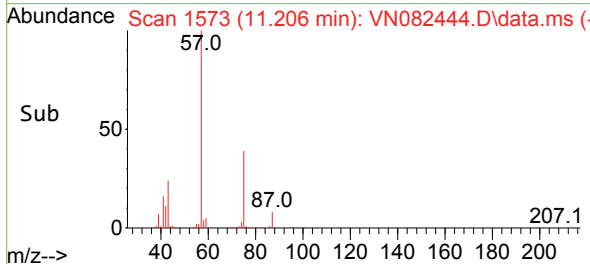
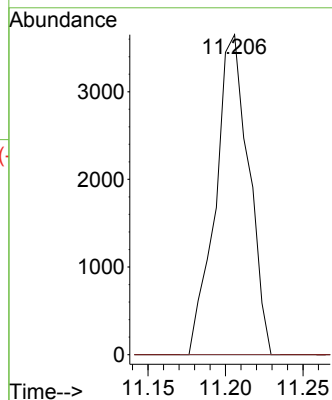
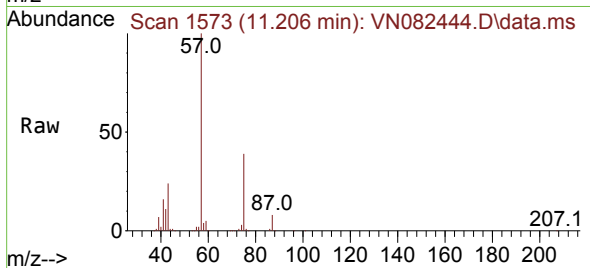
ClientSampleId :

Tgt Ion: 76 Resp: 5452

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 63.138 ug/l

RT: 11.176 min Scan# 1568

Delta R.T. -0.018 min

Lab File: VN082444.D

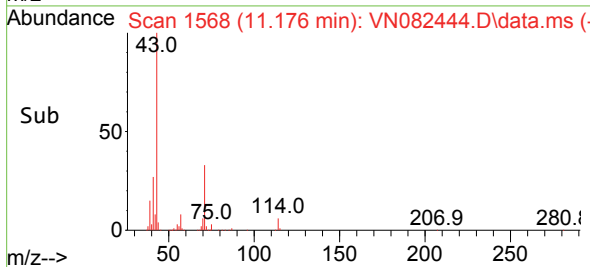
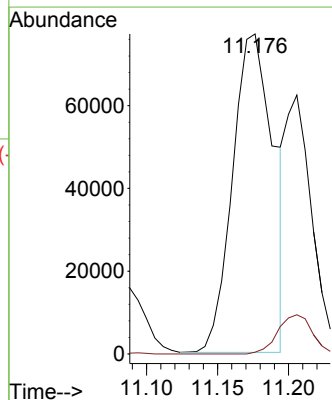
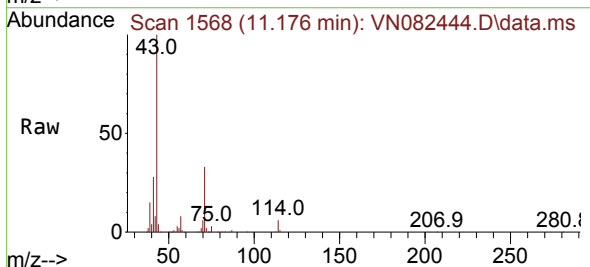
Acq: 03 Jun 2024 19:16

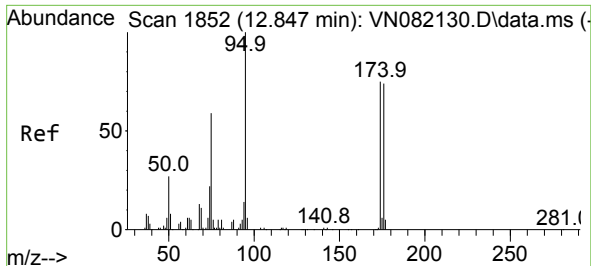
Tgt Ion: 43 Resp: 154132

Ion Ratio Lower Upper

43 100

58 0.0 28.3 84.9#

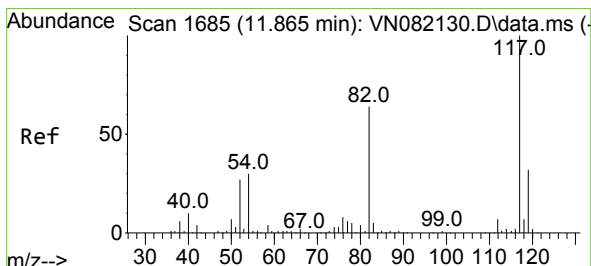
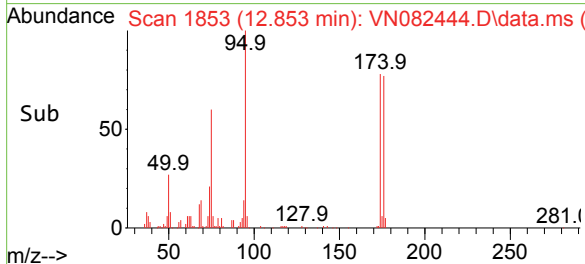
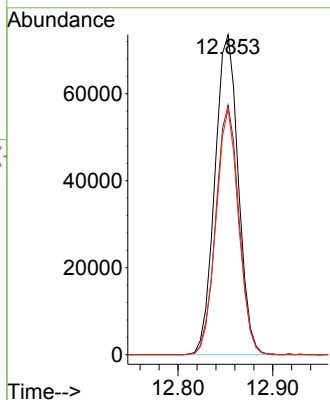
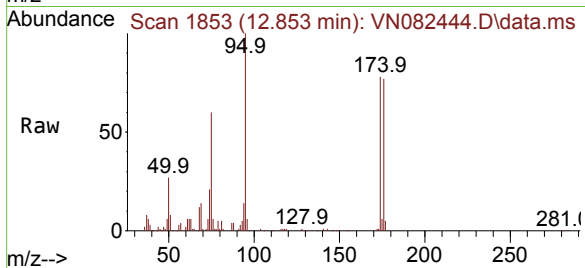




#62
4-Bromofluorobenzene
Concen: 52.276 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

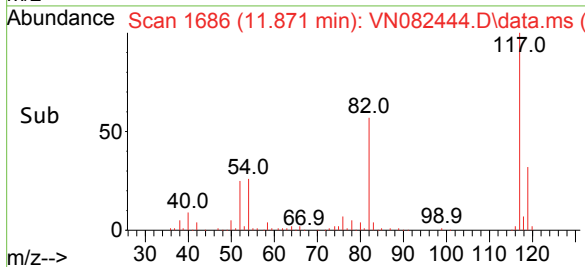
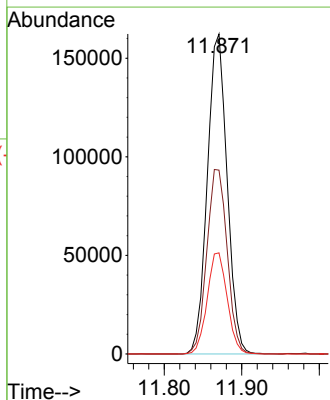
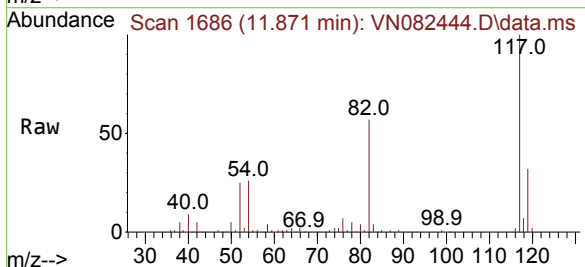
Instrument :
MSVOA_N
ClientSampleId :

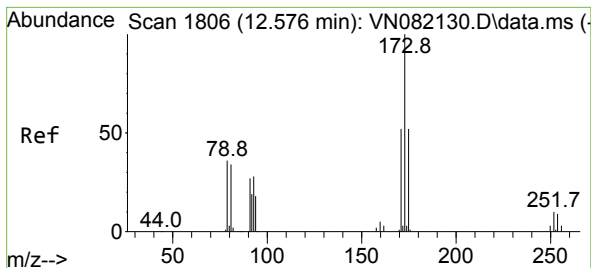
Tgt Ion: 95 Resp: 126216
Ion Ratio Lower Upper
95 100
174 76.9 0.0 160.6
176 74.2 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

Tgt Ion: 117 Resp: 287833
Ion Ratio Lower Upper
117 100
82 57.4 44.6 66.8
119 31.6 25.9 38.9





#71

Bromoform

Concen: 1.353 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN082444.D

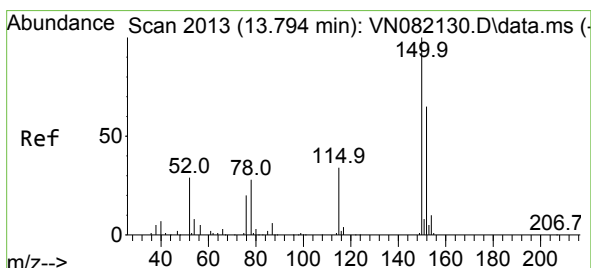
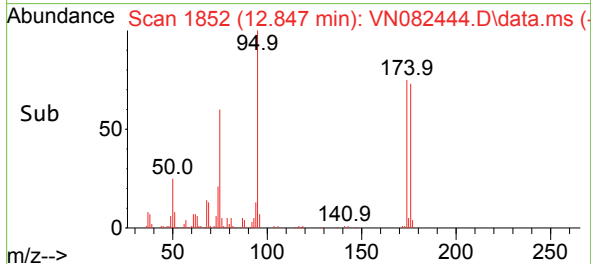
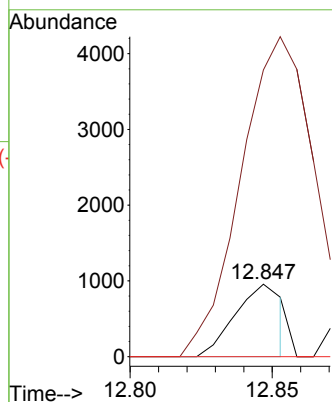
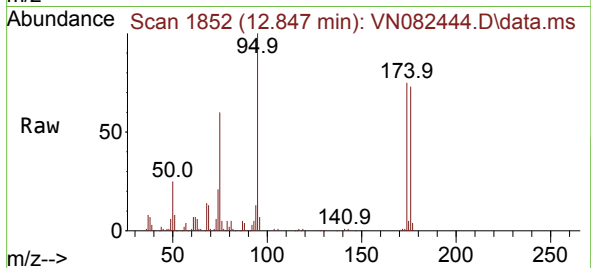
Acq: 03 Jun 2024 19:16

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 1101
 Ion Ratio Lower Upper
 173 100
 175 0.0 24.6 74.0#
 254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

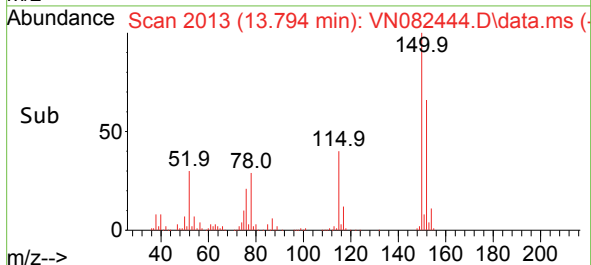
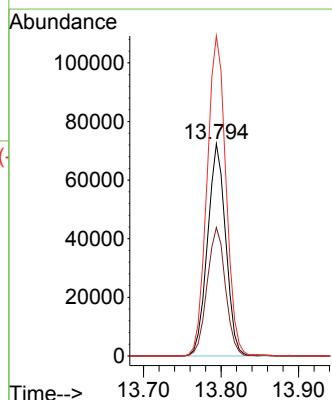
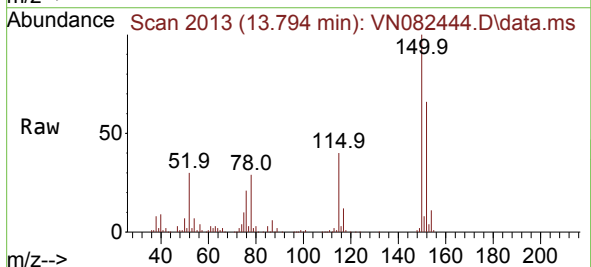
RT: 13.794 min Scan# 2013

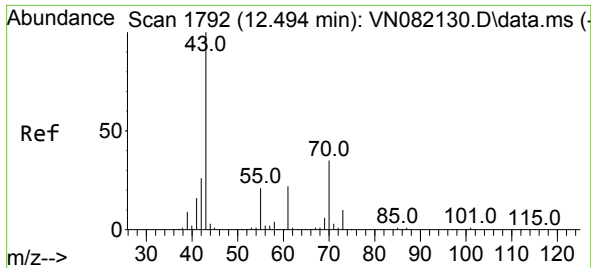
Delta R.T. -0.000 min

Lab File: VN082444.D

Acq: 03 Jun 2024 19:16

Tgt Ion:152 Resp: 117945
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.4 91.3
 150 157.0 0.0 353.2

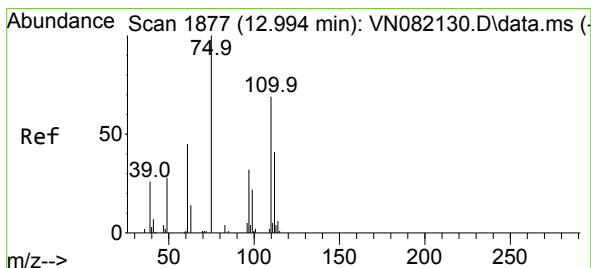
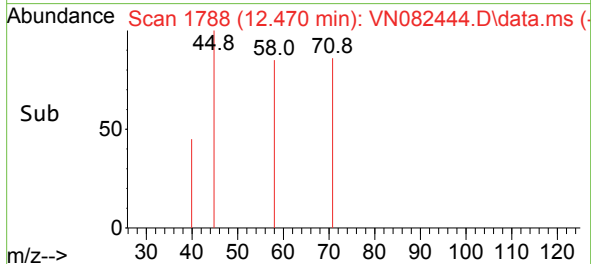
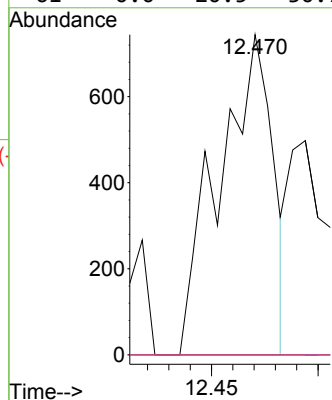
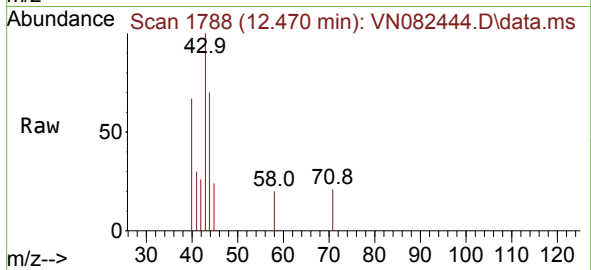




#74
N-amy1 acetate
Concen: 0.255 ug/l
RT: 12.470 min Scan# 1788
Delta R.T. -0.024 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

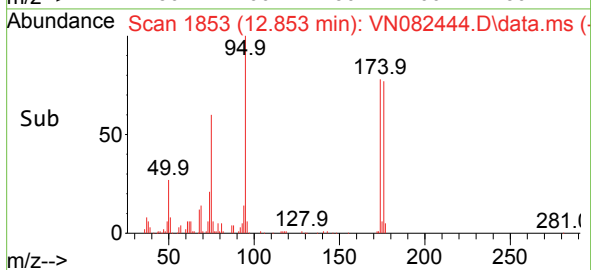
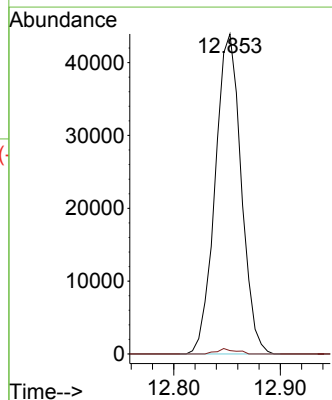
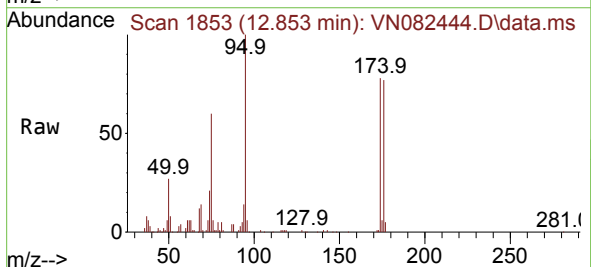
Instrument :
MSVOA_N
ClientSampleId :

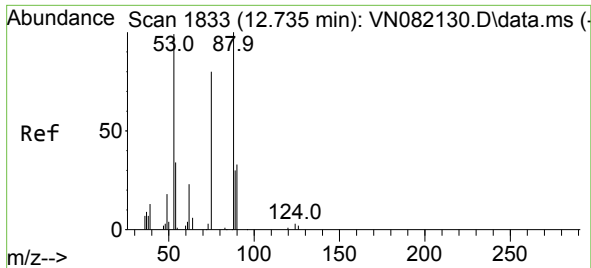
Tgt Ion: 43 Resp: 1314
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 0.0 21.3 31.9#
61 0.0 20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 29.964 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

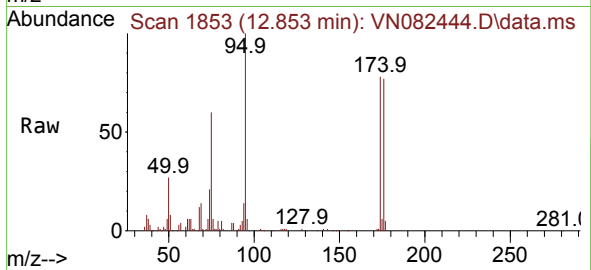
Tgt Ion: 75 Resp: 74384
Ion Ratio Lower Upper
75 100
77 1.2 90.5 271.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.084 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN082444.D
Acq: 03 Jun 2024 19:16

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.9	109.3#
89	0.0	39.1	58.7#

