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 Data File : VN082476.D
 Acq On : 05 Jun 2024 17:27
 Operator : JC\MD
 Sample : P2704-08RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

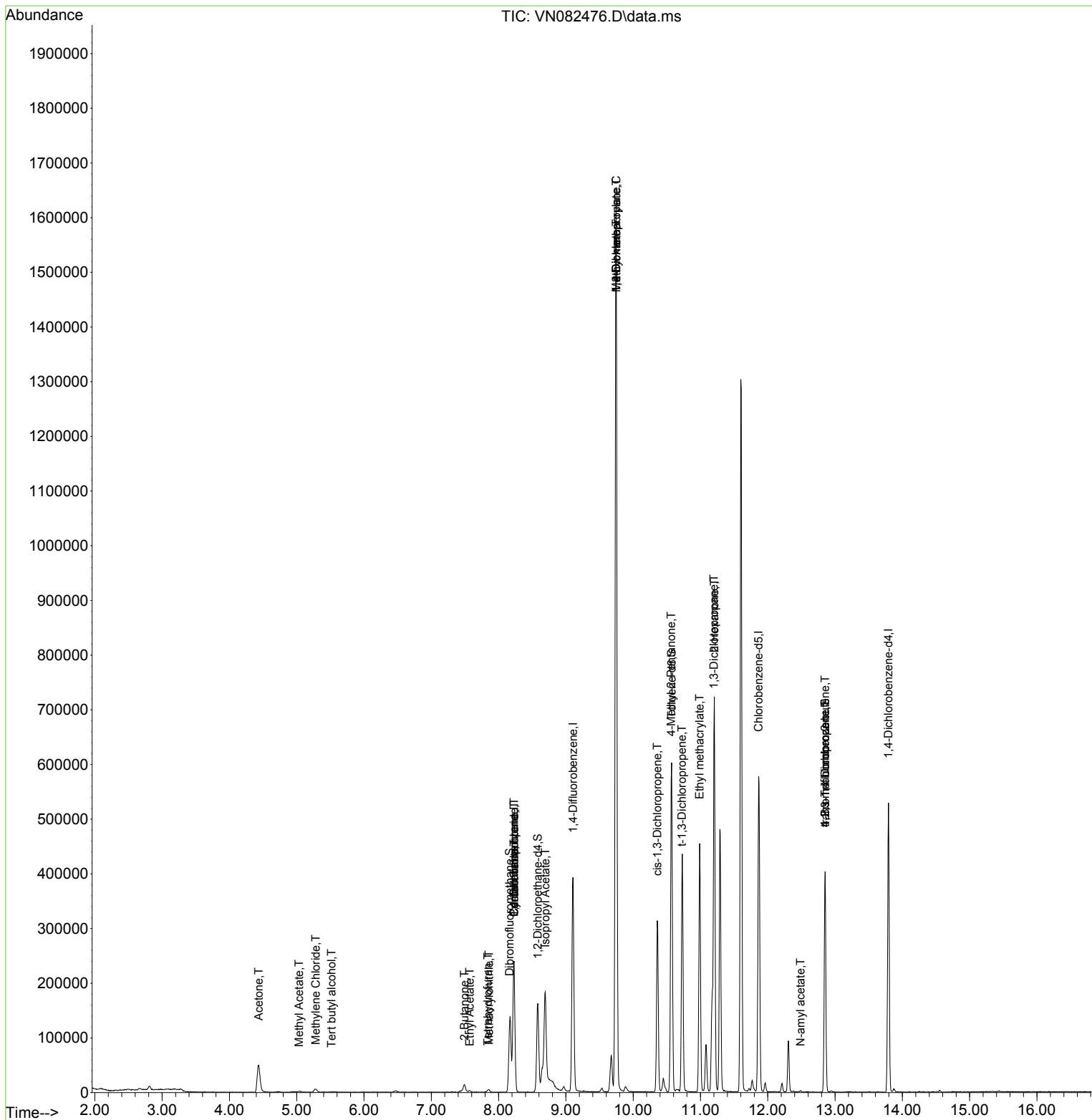
Instrument :
 MSVOA_N
 ClientSampleId :

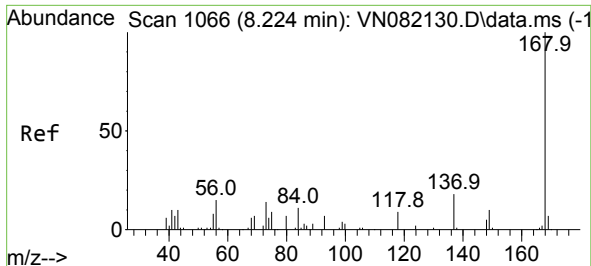
Quant Time: Jun 06 00:59:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	163401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	304795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	132409	51.318	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.640%	
35) Dibromofluoromethane	8.165	113	96694	51.571	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.140%	
50) Toluene-d8	10.571	98	378751	52.689	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.380%	
62) 4-Bromofluorobenzene	12.853	95	126924	49.469	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 98.940%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	668	1.613	ug/l #	71
16) Acetone	4.436	43	99154	93.681	ug/l	89
18) Methyl Acetate	5.036	43	4501	1.708	ug/l #	74
20) Methylene Chloride	5.283	84	4078	1.910	ug/l	92
25) 2-Butanone	7.494	43	25272	15.748	ug/l #	87
29) Tetrahydrofuran	7.841	42	3598	3.492	ug/l #	80
31) Cyclohexane	8.230	56	4619	1.121	ug/l #	25
36) 1,1-Dichloropropene	8.230	75	15889	5.053	ug/l #	49
37) Ethyl Acetate	7.571	43	4514	1.283	ug/l #	80
38) Carbon Tetrachloride	8.230	117	17074	5.356	ug/l #	18
41) Methacrylonitrile	7.859	41	2589	1.251	ug/l #	41
43) Isopropyl Acetate	8.694	43	301398	48.334	ug/l #	70
45) 1,2-Dichloropropane	9.747	63	1864	0.770	ug/l #	45
48) Methyl methacrylate	9.747	41	164332	55.306	ug/l #	36
49) 1,4-Dioxane	9.747	88	78	1.873	ug/l #	1
51) 4-Methyl-2-Pentanone	10.565	43	9139	2.579	ug/l	97
53) t-1,3-Dichloropropene	10.724	75	929	0.268	ug/l #	51
54) cis-1,3-Dichloropropene	10.359	75	47506	12.941	ug/l #	72
56) Ethyl methacrylate	10.988	69	1728	0.498	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	6374	1.667	ug/l #	42
59) 2-Hexanone	11.206	43	91531	35.283	ug/l #	52
74) N-amyl acetate	12.488	43	1817	0.323	ug/l #	39
76) 1,2,3-Trichloropropane	12.853	75	73869	27.254	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	73869	63.747	ug/l #	12

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

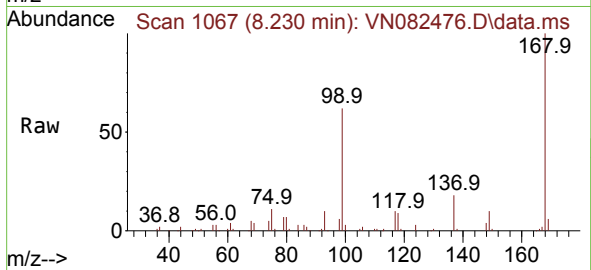
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Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



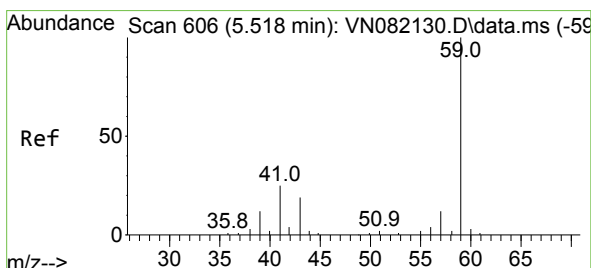
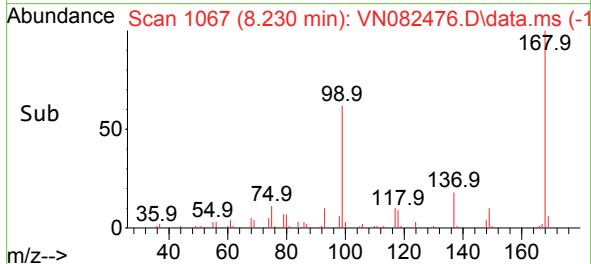
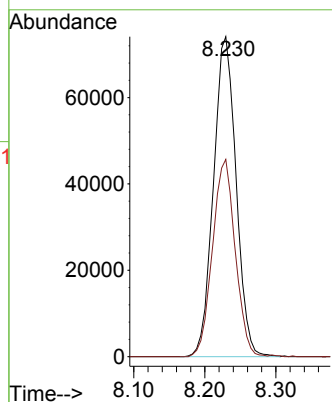


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :

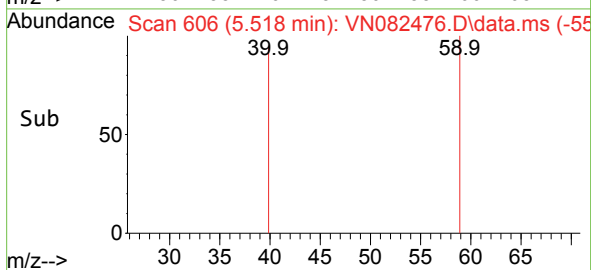
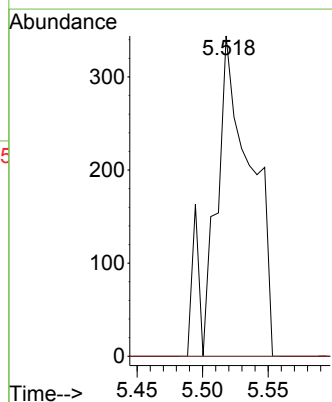
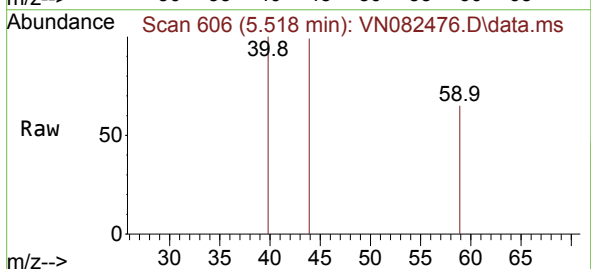


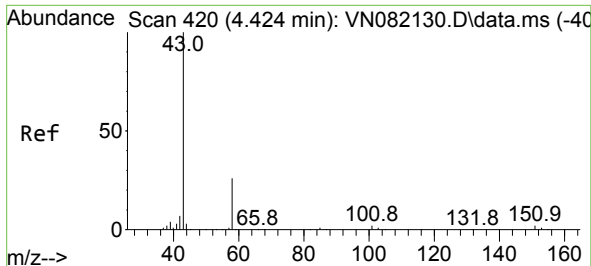
Tgt Ion:168 Resp: 163401
Ion Ratio Lower Upper
168 100
99 61.6 48.2 72.4



#11
Tert butyl alcohol
Concen: 1.613 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Tgt Ion: 59 Resp: 668
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

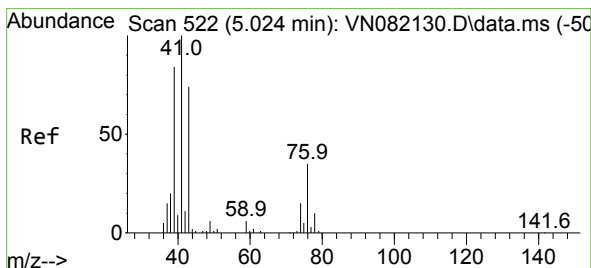
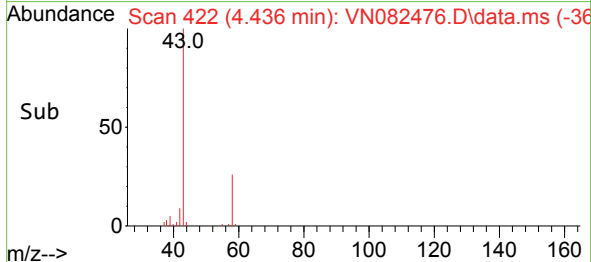
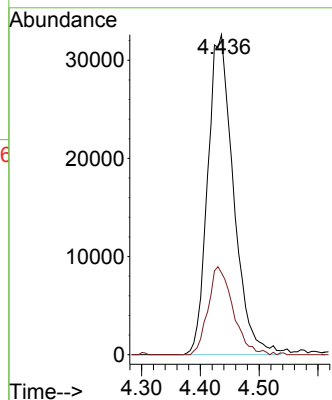
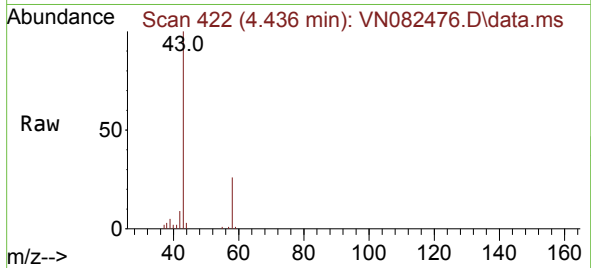




#16
Acetone
Concen: 93.681 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

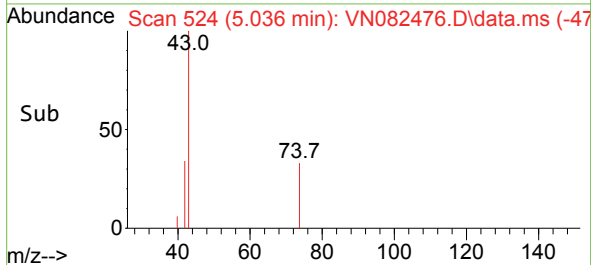
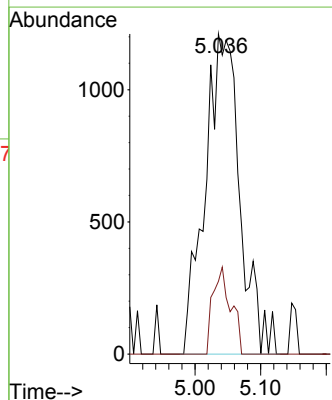
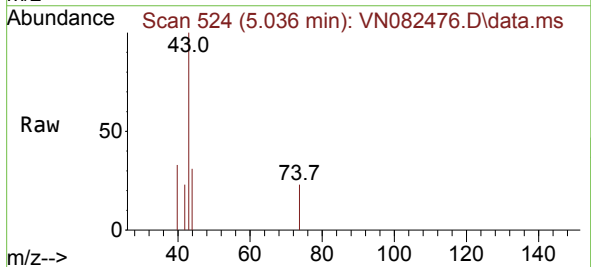
Instrument :
MSVOA_N
ClientSampleId :

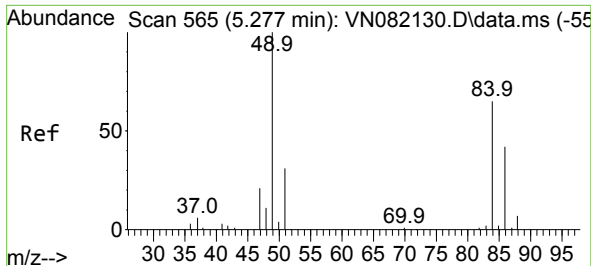
Tgt Ion: 43 Resp: 99154
Ion Ratio Lower Upper
43 100
58 25.6 25.2 37.8



#18
Methyl Acetate
Concen: 1.708 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

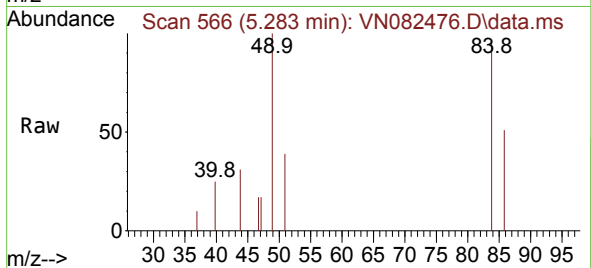
Tgt Ion: 43 Resp: 4501
Ion Ratio Lower Upper
43 100
74 13.9 22.2 33.2#



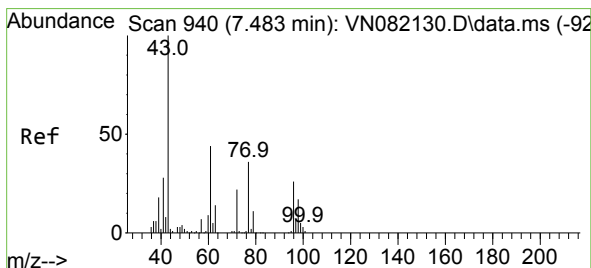
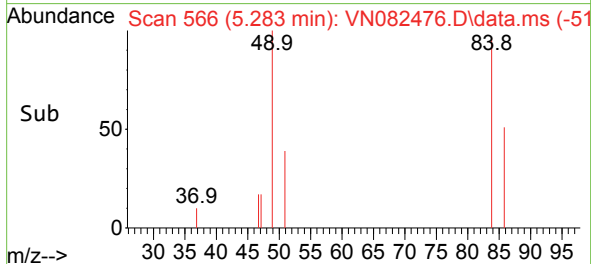
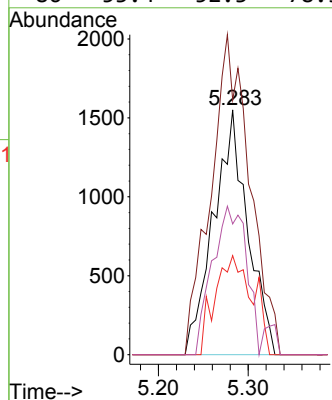


#20
Methylene Chloride
Concen: 1.910 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :

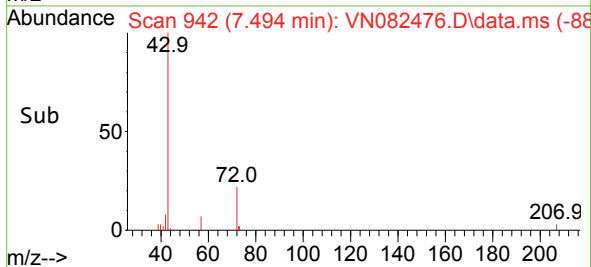
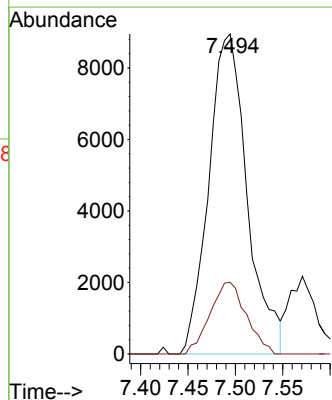
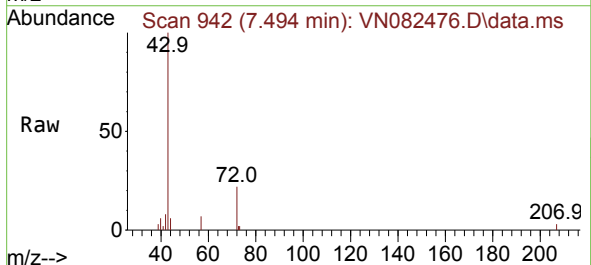


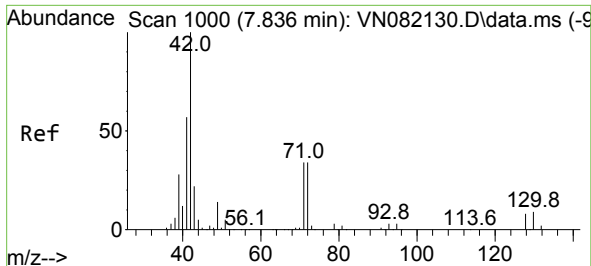
Tgt Ion: 84	Resp: 4078
Ion Ratio	Lower Upper
84 100	
49 103.9	84.9 127.3
51 40.4	27.0 40.6
86 53.4	52.3 78.5



#25
2-Butanone
Concen: 15.748 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

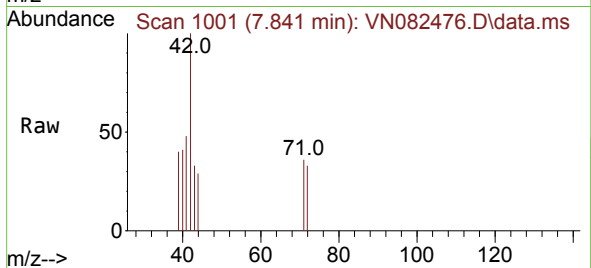
Tgt Ion: 43	Resp: 25272
Ion Ratio	Lower Upper
43 100	
72 24.7	25.3 37.9#



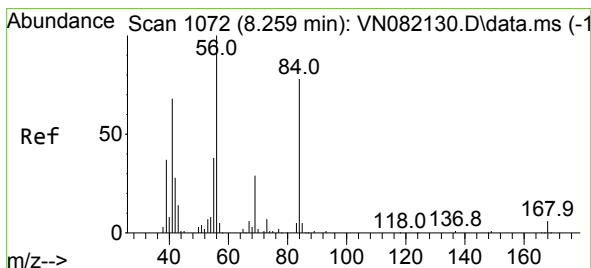
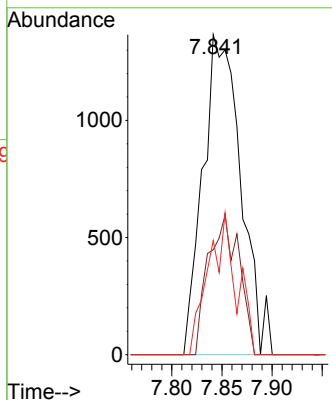
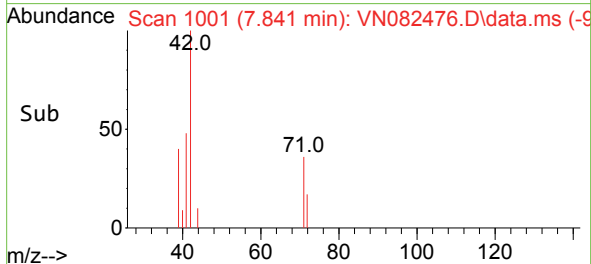


#29
Tetrahydrofuran
Concen: 3.492 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.005 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :

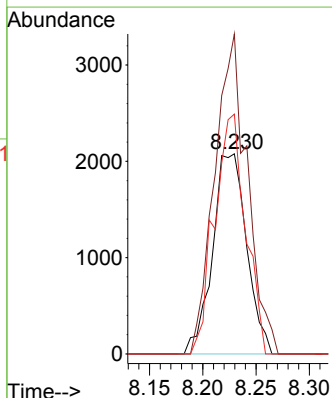
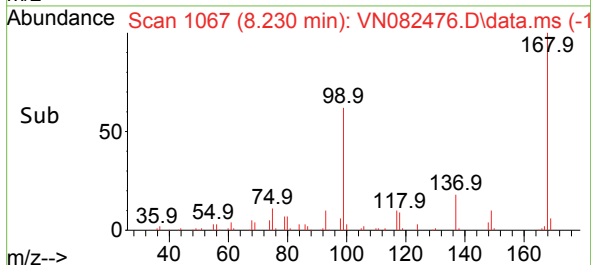
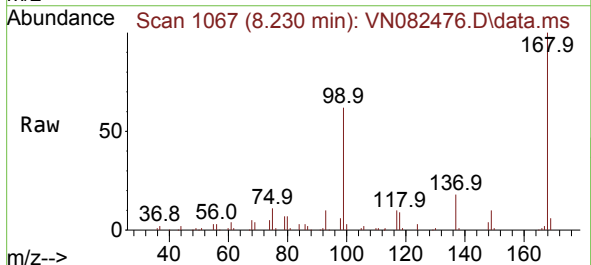


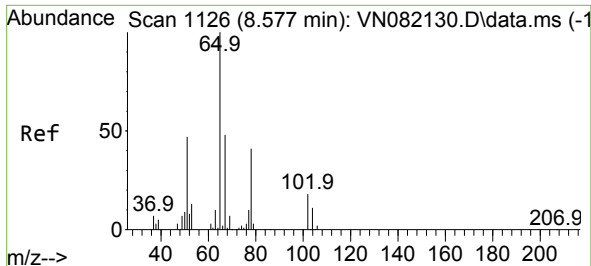
Tgt Ion: 42 Resp: 3598
Ion Ratio Lower Upper
42 100
72 35.5 39.3 58.9#
71 32.9 37.4 56.0#



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Tgt Ion: 56 Resp: 4619
Ion Ratio Lower Upper
56 100
69 159.9 24.4 36.6#
84 119.9 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 51.318 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082476.D

Acq: 05 Jun 2024 17:27

Instrument :

MSVOA_N

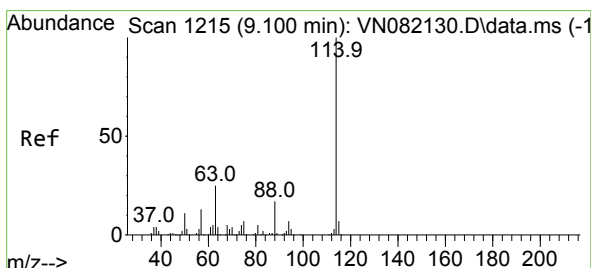
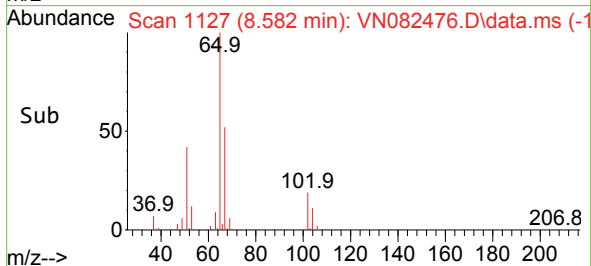
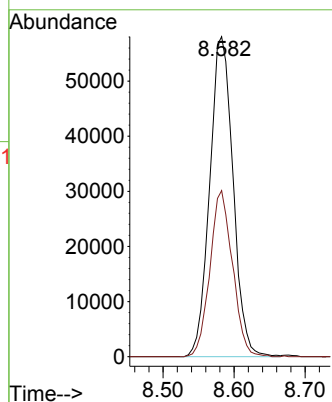
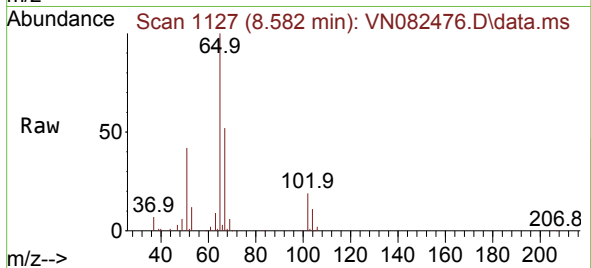
ClientSampleId :

Tgt Ion: 65 Resp: 132409

Ion Ratio Lower Upper

65 100

67 50.2 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: VN082476.D

Acq: 05 Jun 2024 17:27

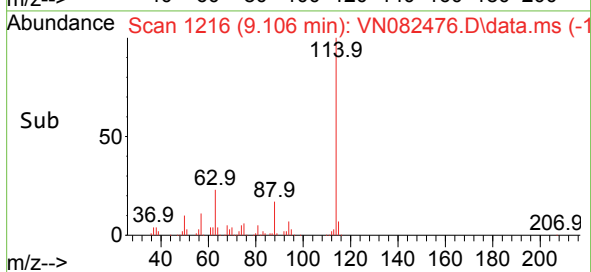
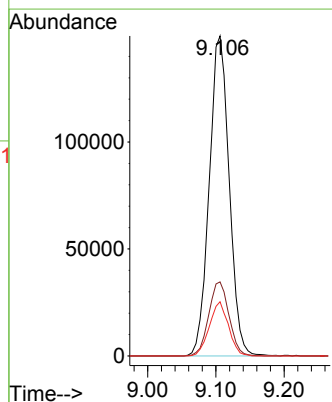
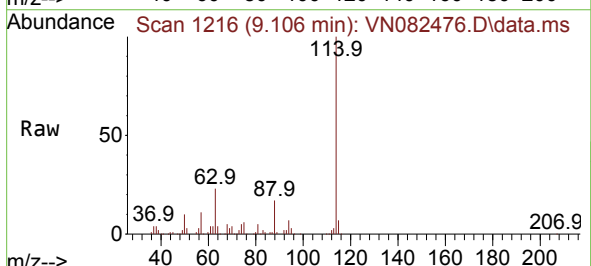
Tgt Ion: 114 Resp: 304795

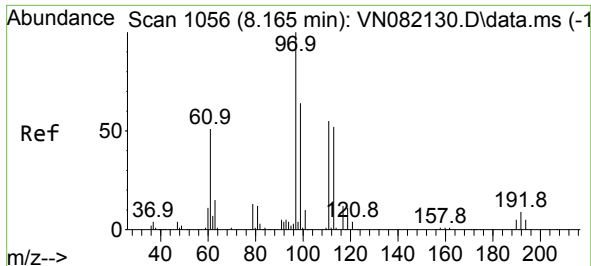
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

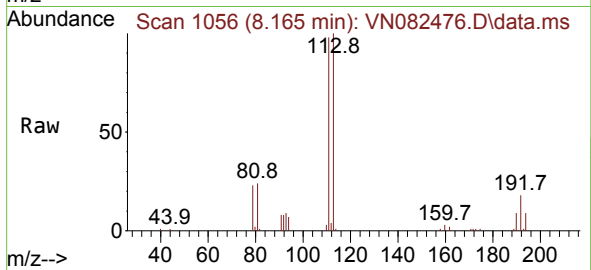
88 17.0 0.0 31.4



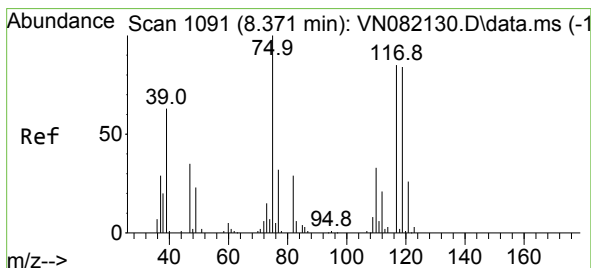
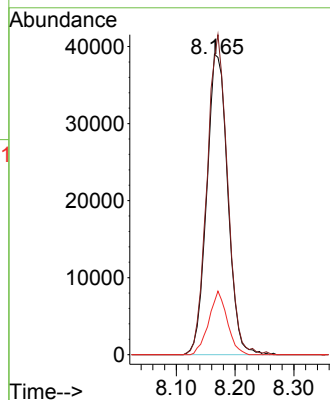
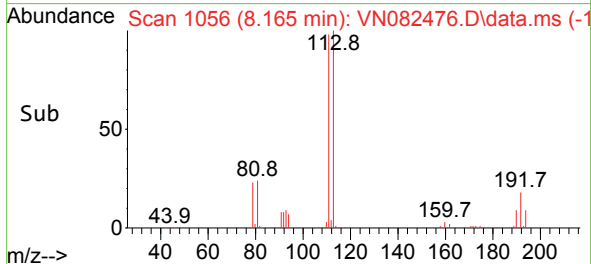


#35
Dibromofluoromethane
Concen: 51.571 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :

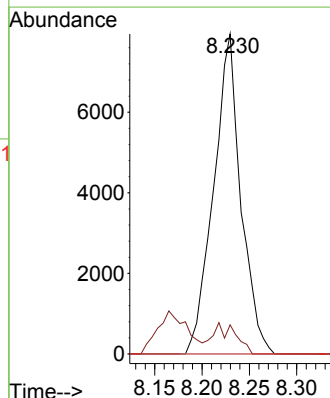
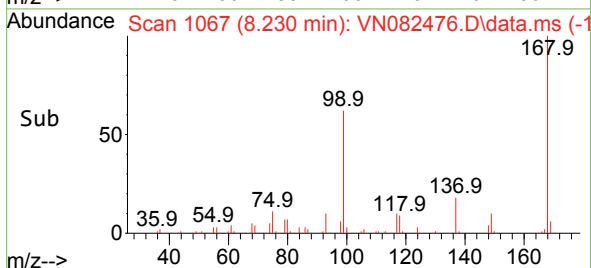
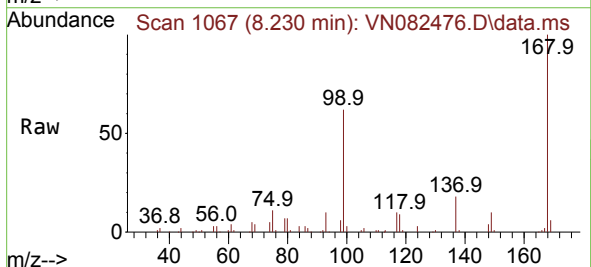


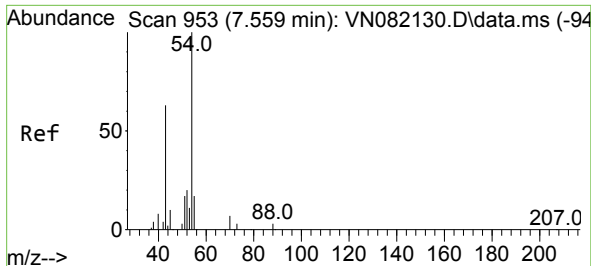
Tgt Ion:113 Resp: 96694
Ion Ratio Lower Upper
113 100
111 104.0 83.4 125.2
192 18.6 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.053 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

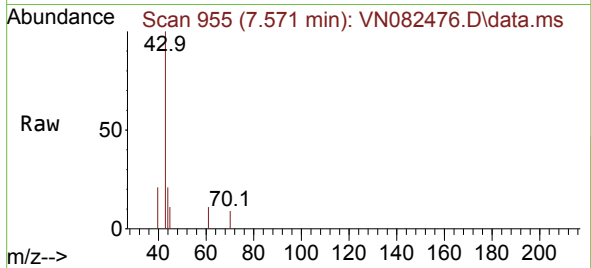
Tgt Ion: 75 Resp: 15889
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.5#
77 0.0 25.0 37.4#



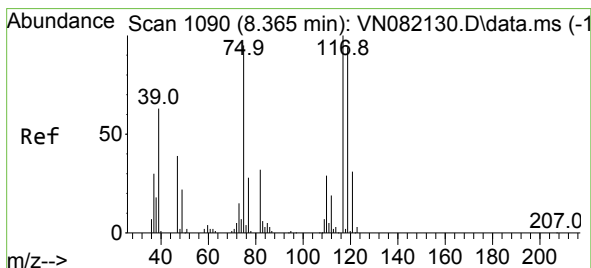
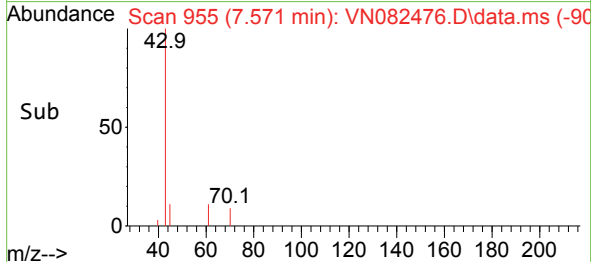
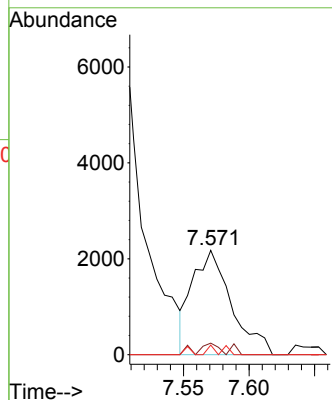


#37
Ethyl Acetate
Concen: 1.283 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :

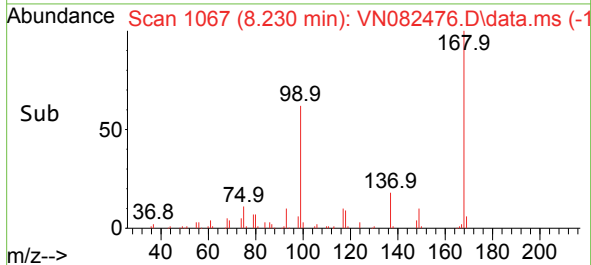
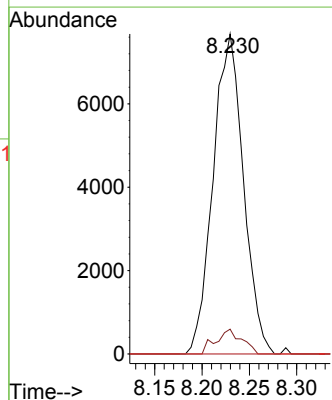
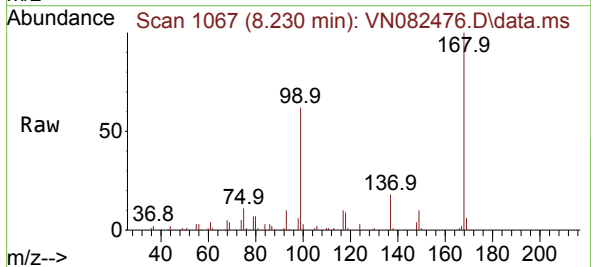


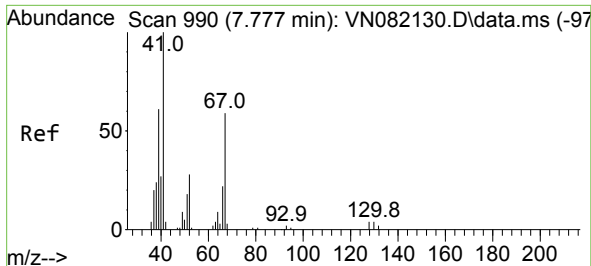
Tgt Ion: 43 Resp: 4514
Ion Ratio Lower Upper
43 100
61 6.0 11.3 16.9#
70 3.1 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.356 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

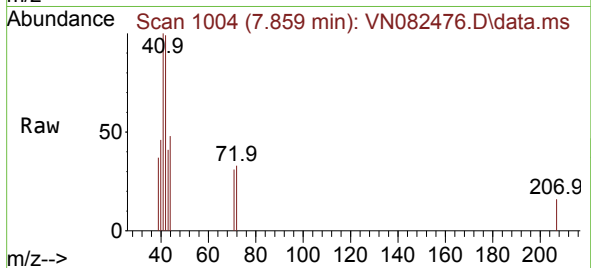
Tgt Ion: 117 Resp: 17074
Ion Ratio Lower Upper
117 100
119 7.8 76.5 114.7#
121 0.0 23.9 35.9#



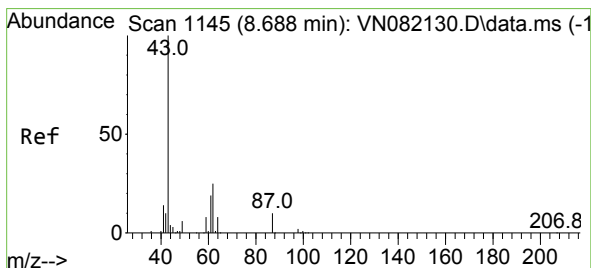
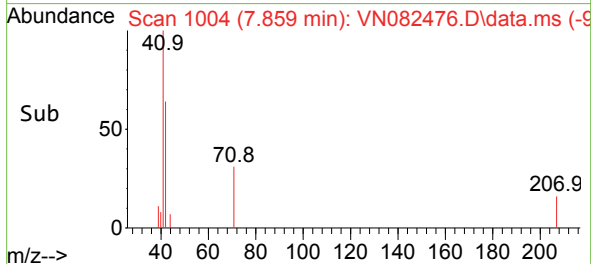
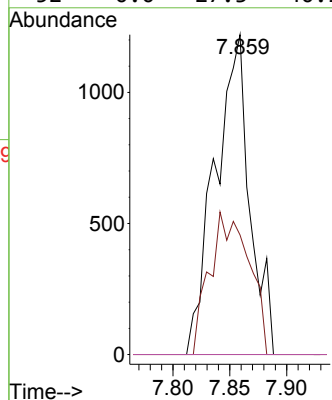


#41
Methacrylonitrile
Concen: 1.251 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.082 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :

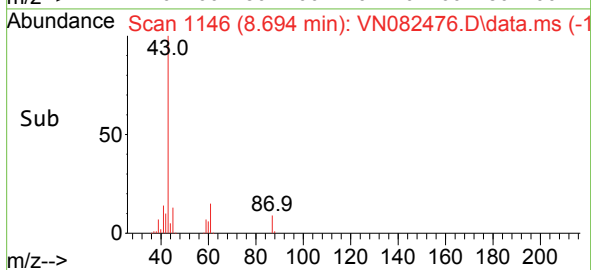
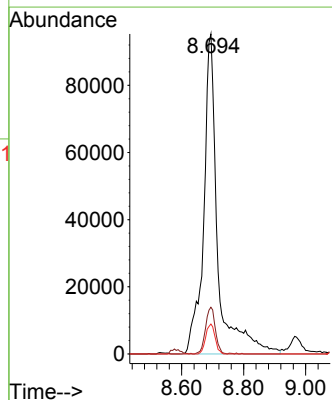
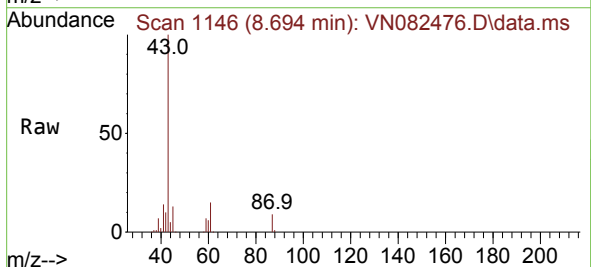


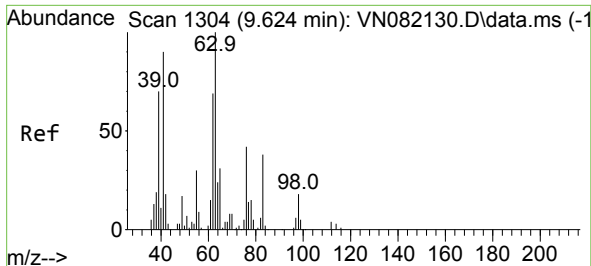
Tgt Ion:	41	Resp:	2589
Ion	Ratio	Lower	Upper
41	100		
39	50.6	46.6	69.8
67	0.0	67.3	100.9#
52	0.0	27.3	40.9#



#43
Isopropyl Acetate
Concen: 48.334 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Tgt Ion:	43	Resp:	301398
Ion	Ratio	Lower	Upper
43	100		
61	10.1	22.8	34.2#
87	6.2	12.0	18.0#





#45

1,2-Dichloropropane

Concen: 0.770 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.123 min

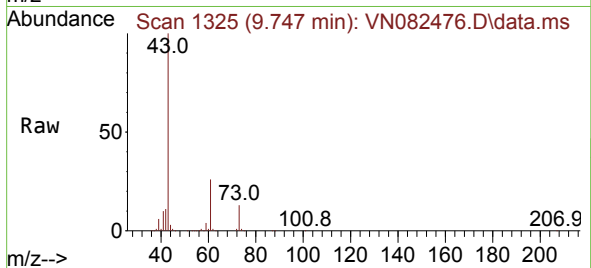
Lab File: VN082476.D

Acq: 05 Jun 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

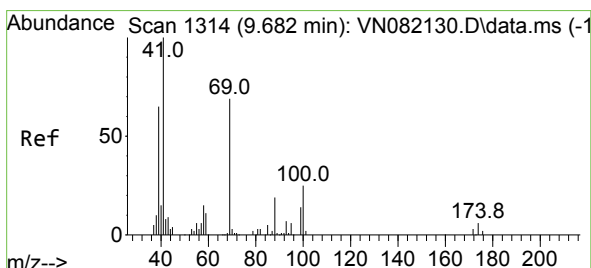
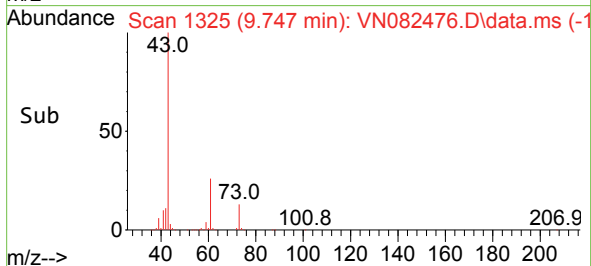
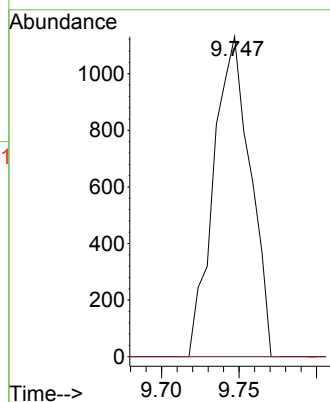


Tgt Ion: 63 Resp: 1864

Ion Ratio Lower Upper

63 100

65 0.0 24.1 36.1#



#48

Methyl methacrylate

Concen: 55.306 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.065 min

Lab File: VN082476.D

Acq: 05 Jun 2024 17:27

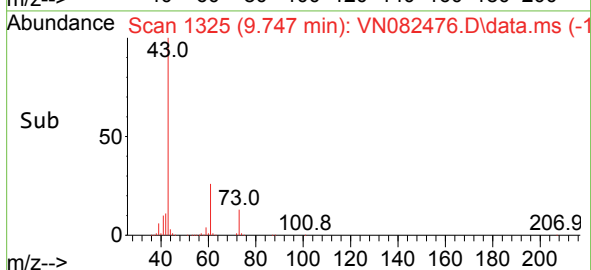
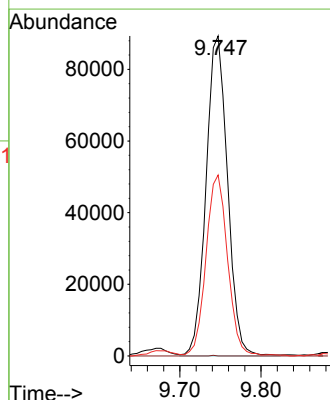
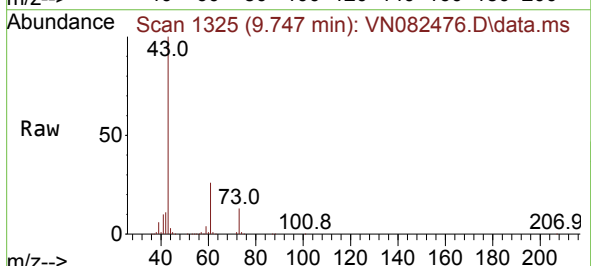
Tgt Ion: 41 Resp: 164332

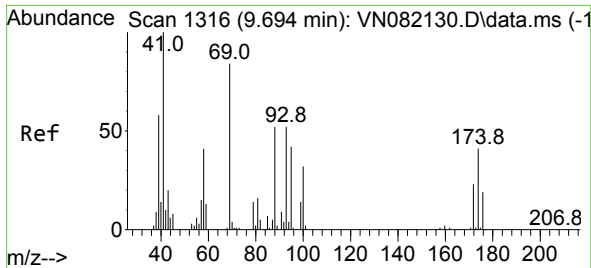
Ion Ratio Lower Upper

41 100

69 0.0 77.9 116.9#

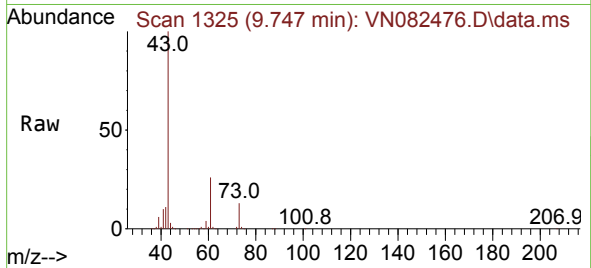
39 55.8 50.9 76.3



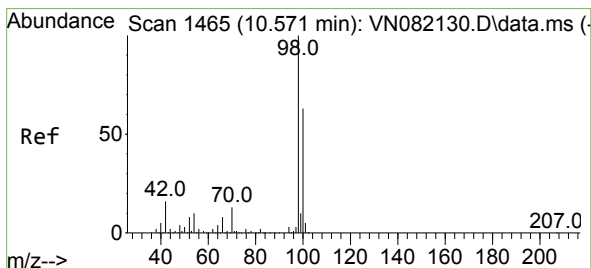
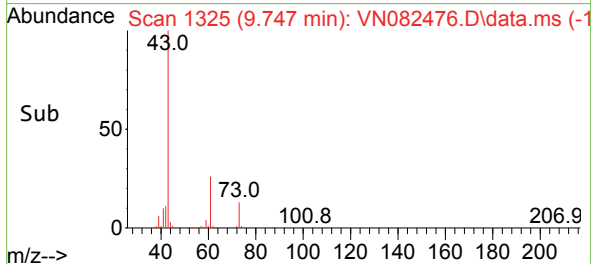
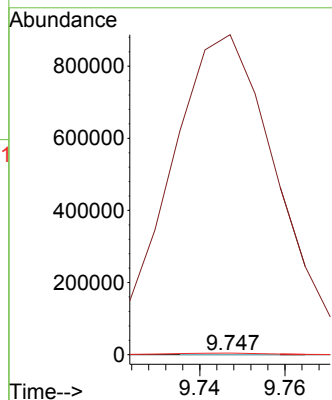


#49
1,4-Dioxane
Concen: 1.873 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.053 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :

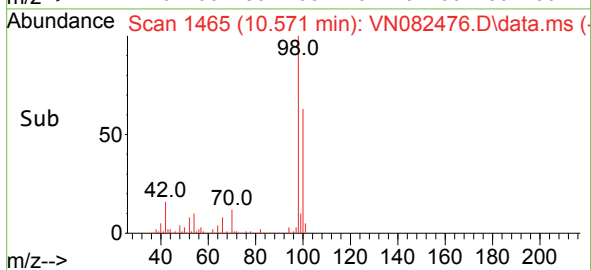
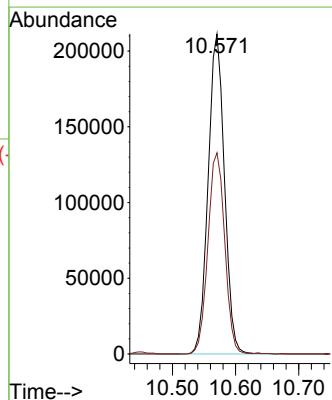
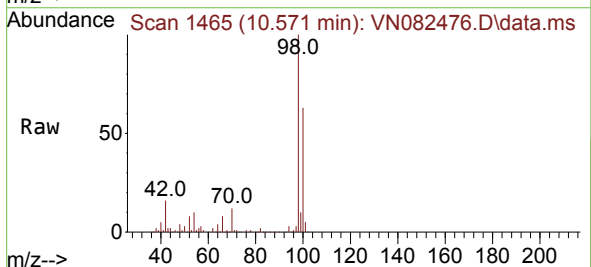


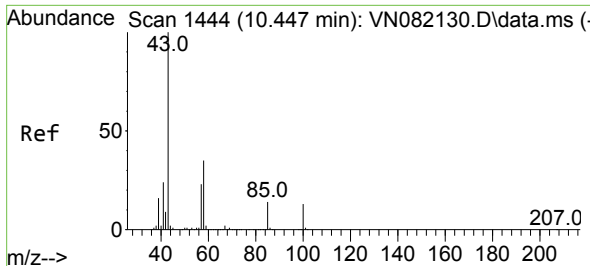
Tgt Ion: 88 Resp: 78
Ion Ratio Lower Upper
88 100
43 2042989.7 19.0 28.6#
58 9528.2 50.6 76.0#



#50
Toluene-d8
Concen: 52.689 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

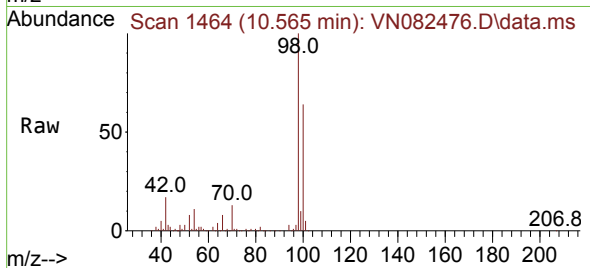
Tgt Ion: 98 Resp: 378751
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



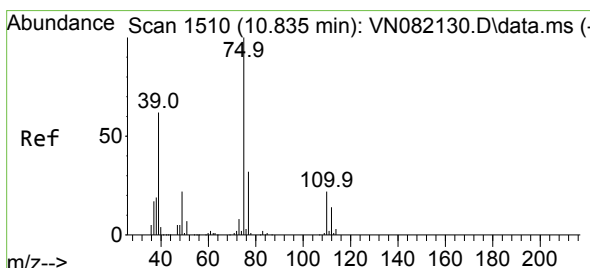
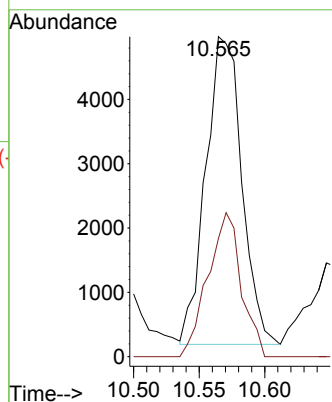
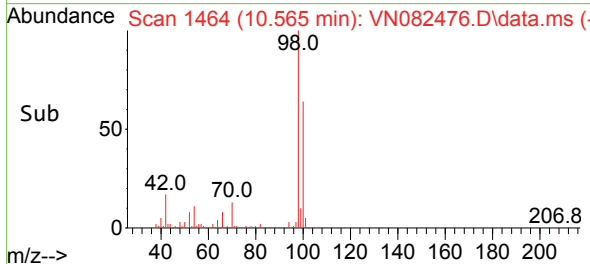


#51
4-Methyl-2-Pentanone
Concen: 2.579 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :

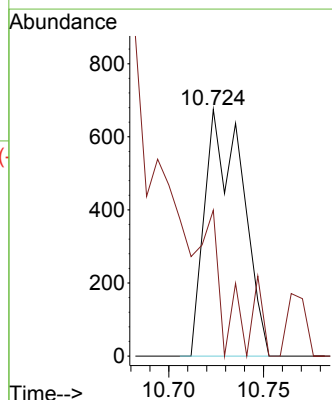
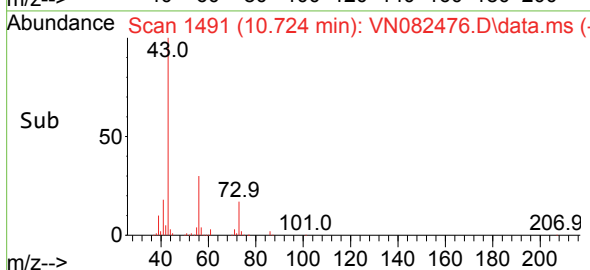
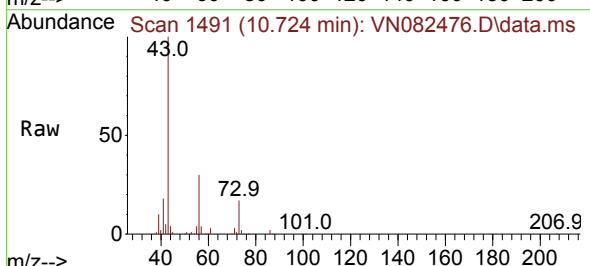


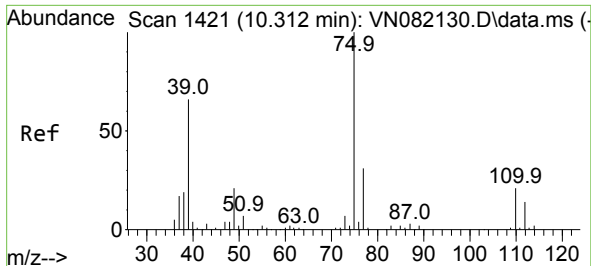
Tgt Ion: 43 Resp: 9139
Ion Ratio Lower Upper
43 100
58 43.2 33.2 49.8



#53
t-1,3-Dichloropropene
Concen: 0.268 ug/l
RT: 10.724 min Scan# 1491
Delta R.T. -0.112 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Tgt Ion: 75 Resp: 929
Ion Ratio Lower Upper
75 100
77 59.1 25.4 38.0#

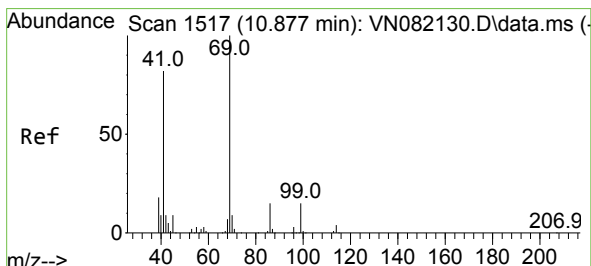
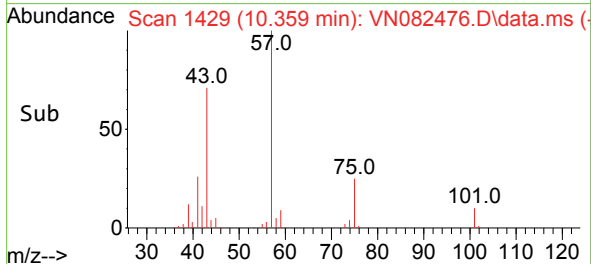
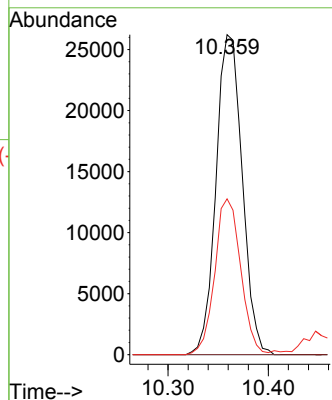
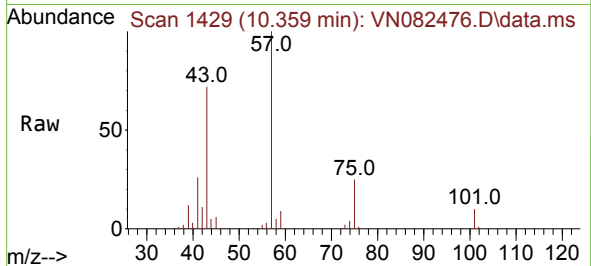




#54
cis-1,3-Dichloropropene
Concen: 12.941 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

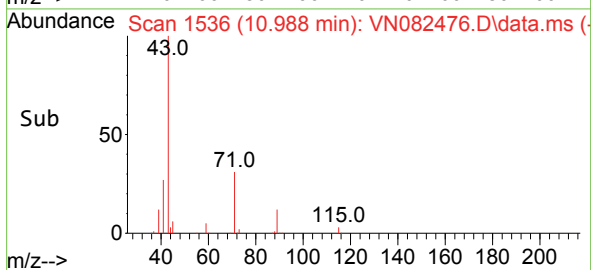
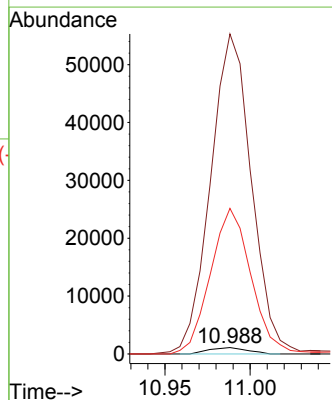
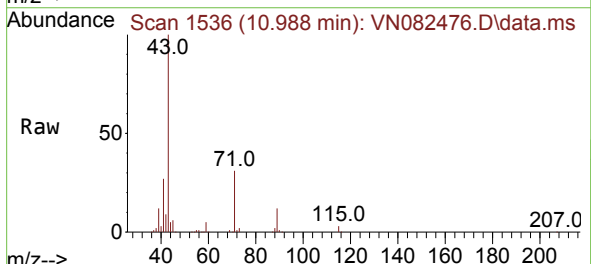
Instrument :
MSVOA_N
ClientSampleId :

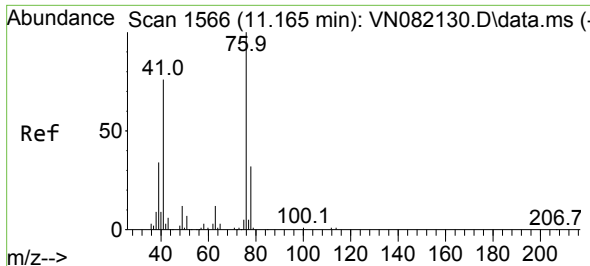
Tgt Ion: 75 Resp: 47506
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 48.7 34.8 52.2



#56
Ethyl methacrylate
Concen: 0.498 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Tgt Ion: 69 Resp: 1728
Ion Ratio Lower Upper
69 100
41 5385.1 46.6 70.0#
39 2421.2 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 1.667 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.035 min

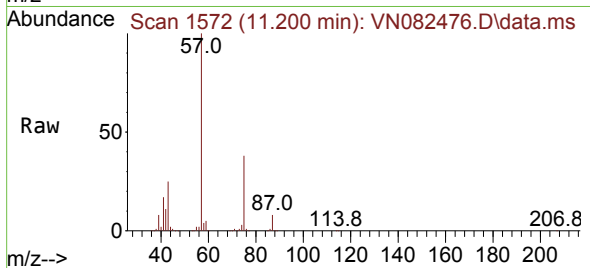
Lab File: VN082476.D

Acq: 05 Jun 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

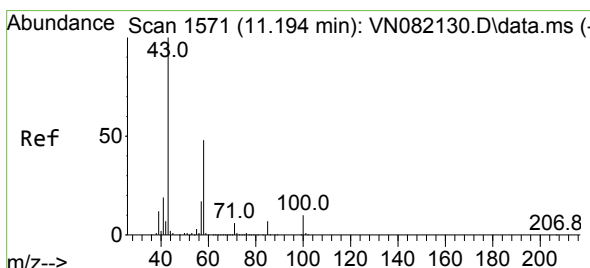
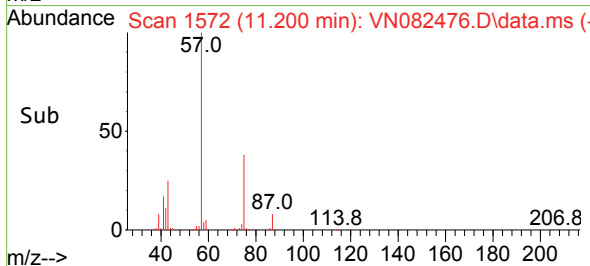
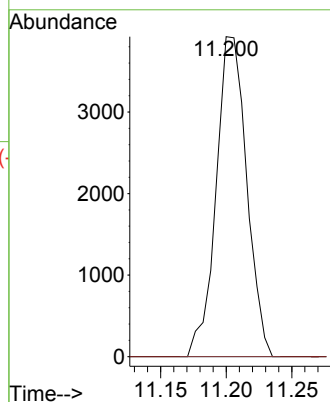


Tgt Ion: 76 Resp: 6374

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 35.283 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.012 min

Lab File: VN082476.D

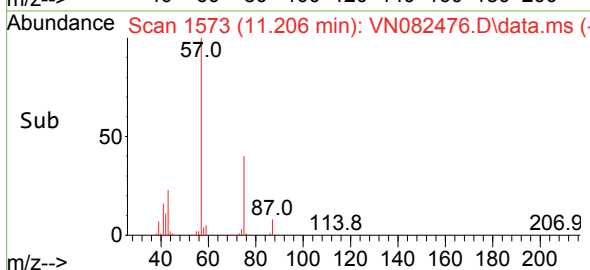
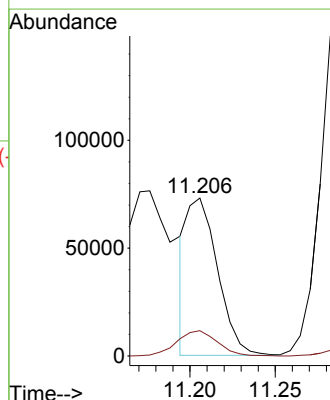
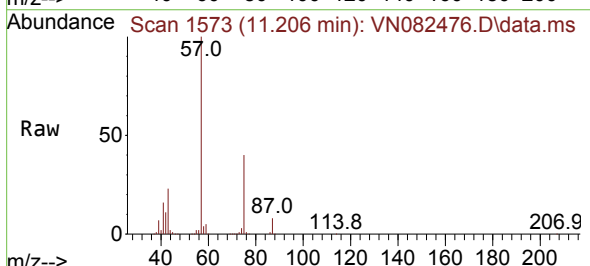
Acq: 05 Jun 2024 17:27

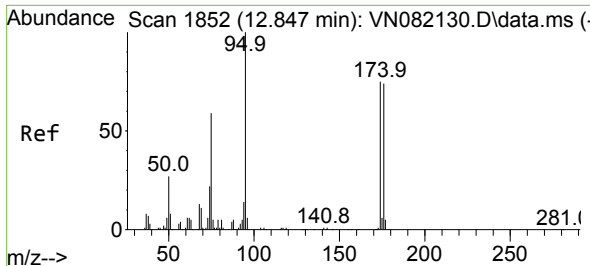
Tgt Ion: 43 Resp: 91531

Ion Ratio Lower Upper

43 100

58 21.4 28.3 84.9#

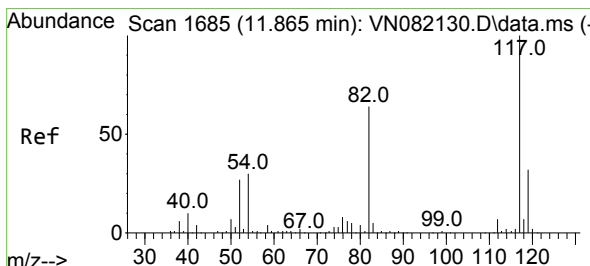
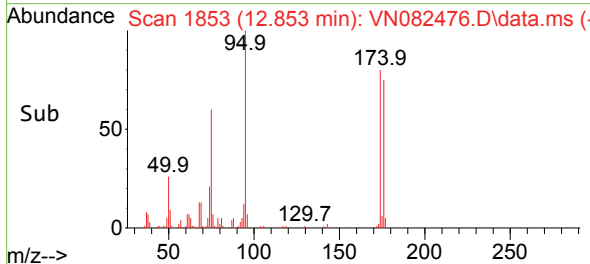
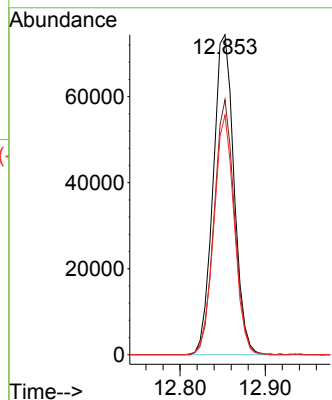
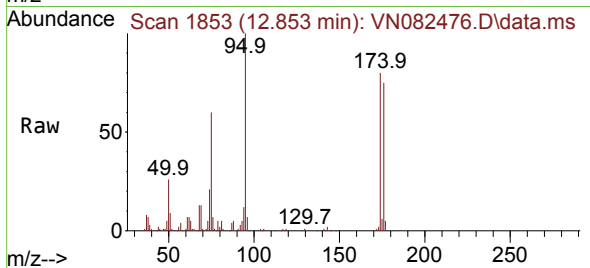




#62
4-Bromofluorobenzene
Concen: 49.469 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

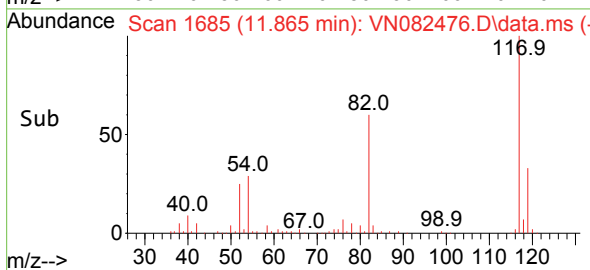
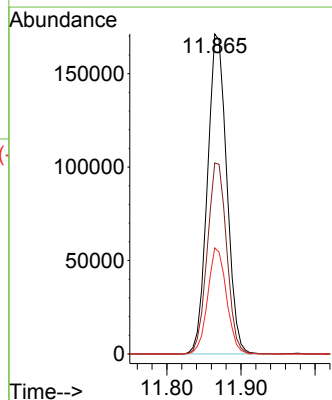
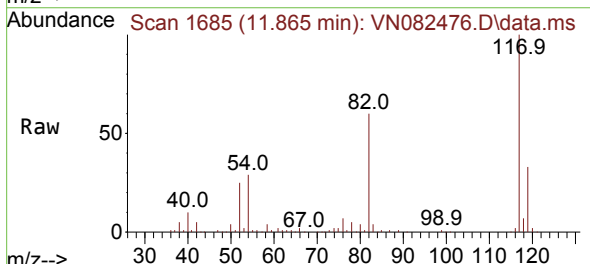
Instrument :
MSVOA_N
ClientSampleId :

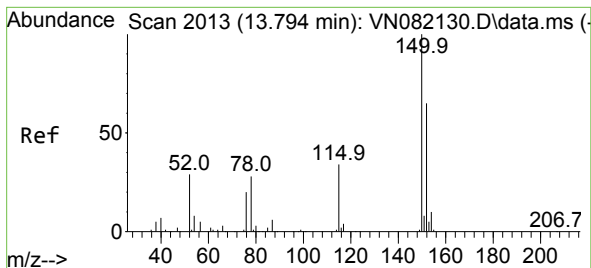
Tgt Ion: 95 Resp: 126924
Ion Ratio Lower Upper
95 100
174 77.6 0.0 160.6
176 73.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Tgt Ion: 117 Resp: 309579
Ion Ratio Lower Upper
117 100
82 59.7 44.6 66.8
119 33.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min MSVOA_N

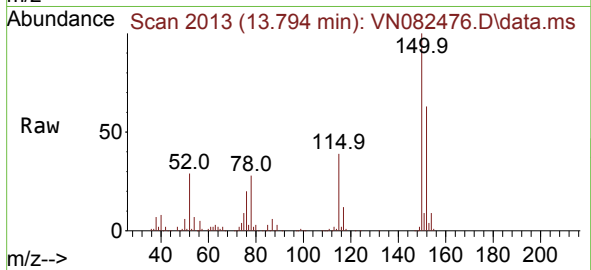
Lab File: VN082476.D

Acq: 05 Jun 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :



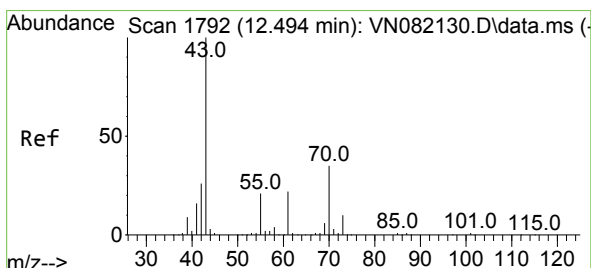
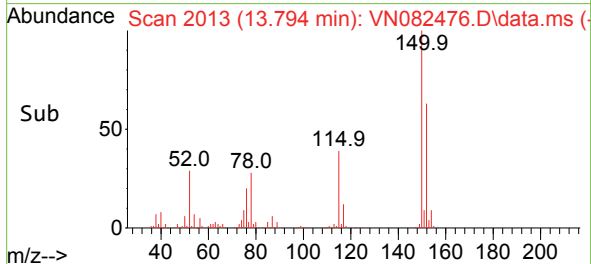
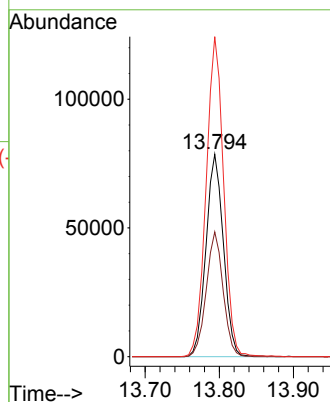
Tgt Ion:152 Resp: 128772

Ion Ratio Lower Upper

152 100

115 59.6 30.4 91.3

150 158.2 0.0 353.2



#74

N-ethyl acetate

Concen: 0.323 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN082476.D

Acq: 05 Jun 2024 17:27

Tgt Ion: 43 Resp: 1817

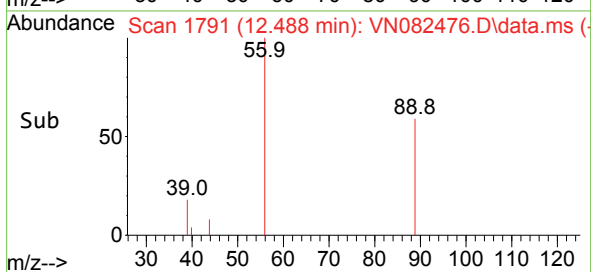
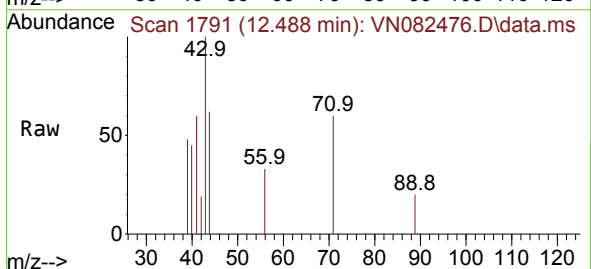
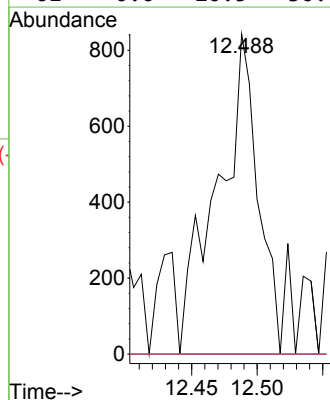
Ion Ratio Lower Upper

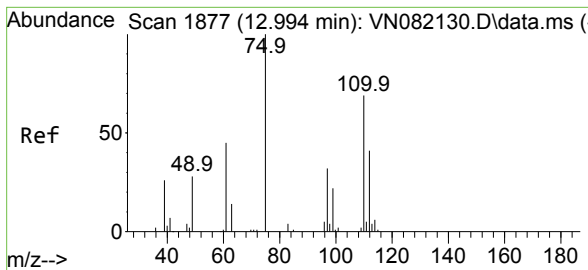
43 100

70 0.0 39.0 58.4#

55 0.0 21.3 31.9#

61 0.0 20.5 30.7#

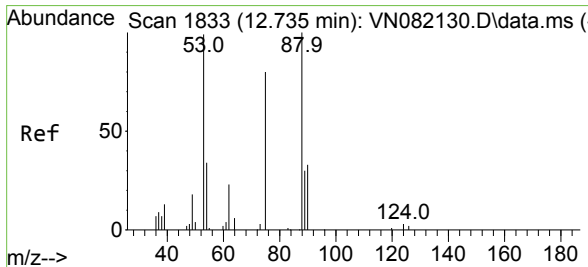
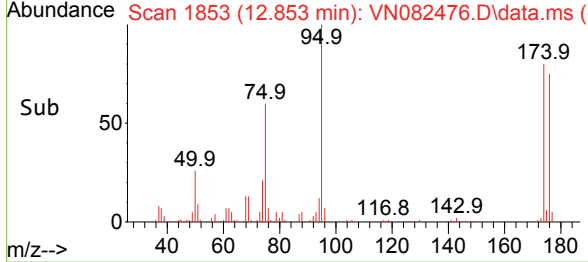
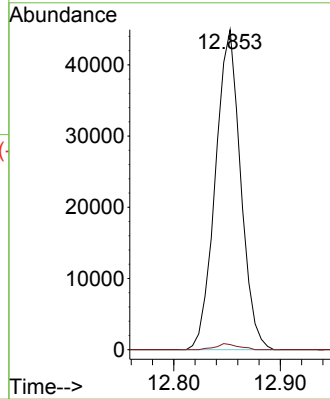
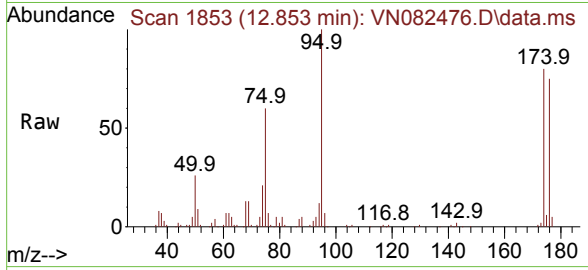




#76
1,2,3-Trichloropropane
Concen: 27.254 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 73869
Ion Ratio Lower Upper
75 100
77 1.7 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.747 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082476.D
Acq: 05 Jun 2024 17:27

Tgt Ion: 75 Resp: 73869
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.1 39.1 58.7#

