

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082442.D
 Acq On : 03 Jun 2024 18:27
 Operator : JC\MD
 Sample : PB161254ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 04 00:33:47 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)

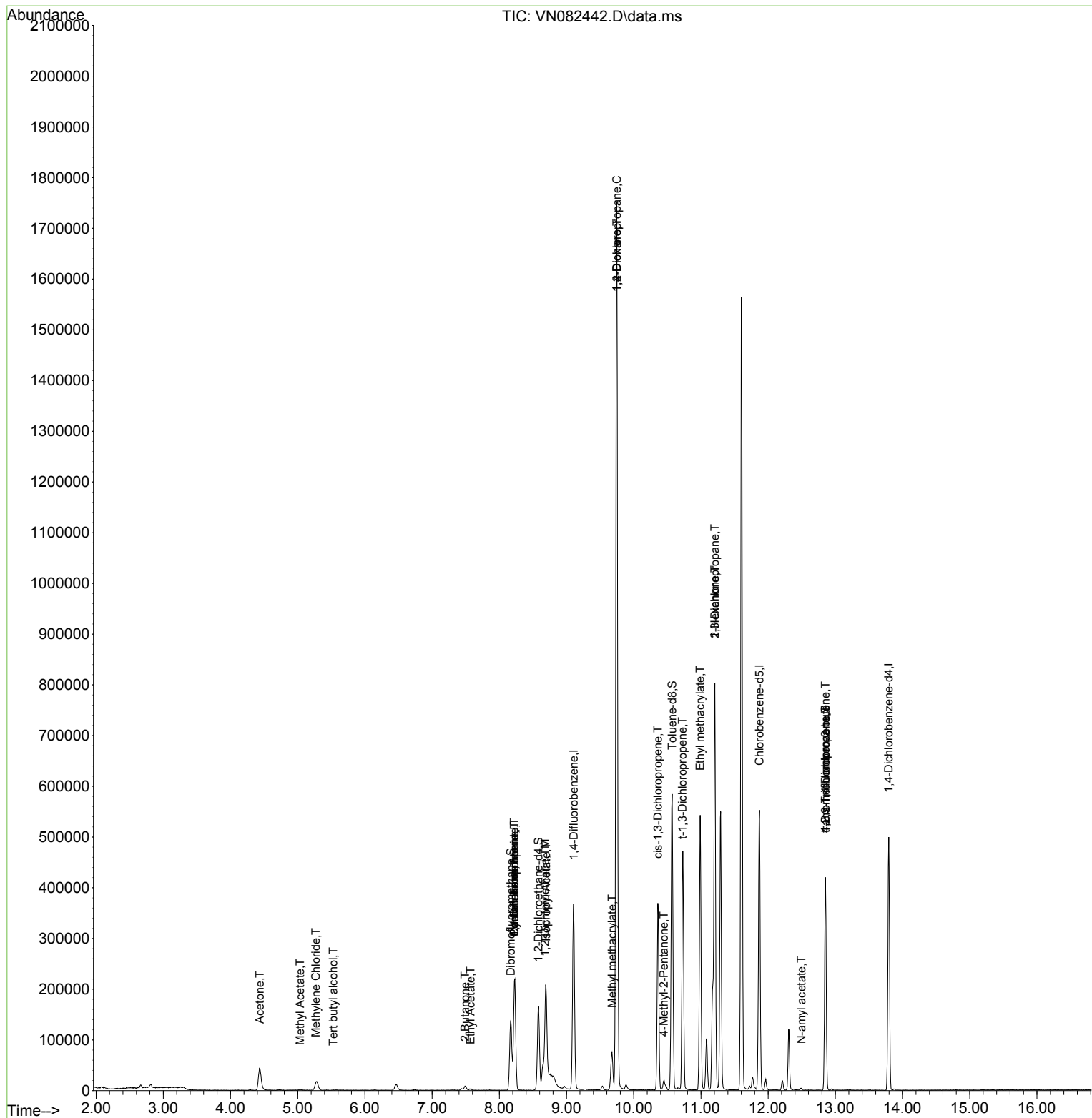
Internal Standards						
1) Pentafluorobenzene	8.224	168	155027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	289004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135778	55.467	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.940%			
35) Dibromofluoromethane	8.171	113	96100	54.912	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.820%			
50) Toluene-d8	10.571	98	376617	56.130	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.260%			
62) 4-Bromofluorobenzene	12.853	95	132456	55.309	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 110.620%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.530	59	259	0.659	ug/l #	71
16) Acetone	4.436	43	86031	85.673	ug/l	93
18) Methyl Acetate	5.036	43	3688	1.475	ug/l #	62
20) Methylene Chloride	5.271	84	12917	6.375	ug/l #	86
25) 2-Butanone	7.489	43	13992	9.190	ug/l #	78
31) Cyclohexane	8.224	56	4311	1.103	ug/l #	34
36) 1,1-Dichloropropene	8.224	75	14057	4.789	ug/l #	50
37) Ethyl Acetate	7.571	43	5299	1.613	ug/l #	81
38) Carbon Tetrachloride	8.224	117	16844	5.661	ug/l #	17
42) 1,2-Dichloroethane	8.683	62	1053	0.313	ug/l #	73
43) Isopropyl Acetate	8.694	43	306556	52.669	ug/l #	72
45) 1,2-Dichloropropane	9.747	63	1815	0.804	ug/l #	45
48) Methyl methacrylate	9.677	41	5335	1.924	ug/l #	39
49) 1,4-Dioxane	9.747	88	72	1.853	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	20657	6.246	ug/l #	72
53) t-1,3-Dichloropropene	10.724	75	781	0.241	ug/l #	79
54) cis-1,3-Dichloropropene	10.359	75	56003	16.344	ug/l #	74
56) Ethyl methacrylate	10.988	69	1943	0.600	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	7034	1.971	ug/l #	42
59) 2-Hexanone	11.206	43	100581	41.538	ug/l #	52
74) N-amyl acetate	12.494	43	2125	0.391	ug/l #	39
76) 1,2,3-Trichloropropane	12.853	75	75467	28.822	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	75467	67.413	ug/l #	12

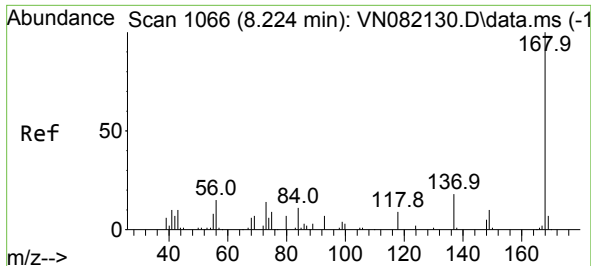
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
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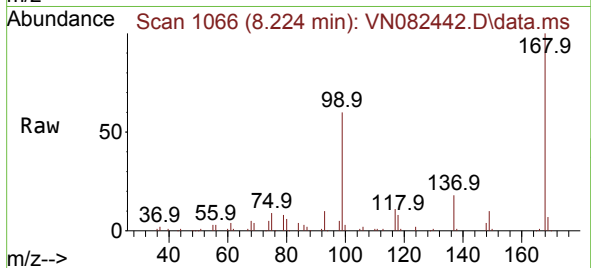
Quant Time: Jun 04 00:33:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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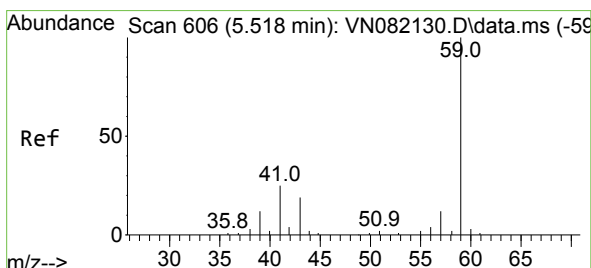
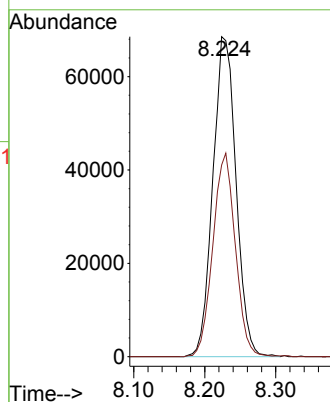
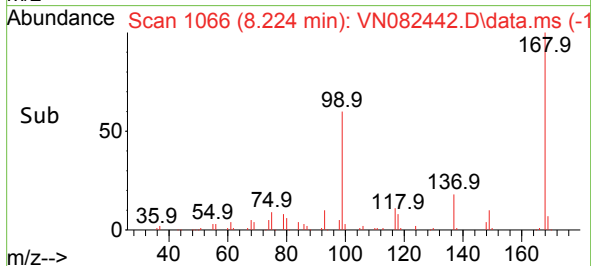


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Instrument :
MSVOA_N
ClientSampleId :

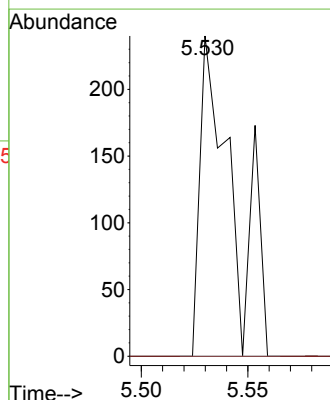
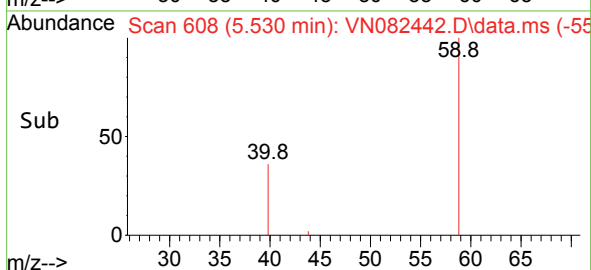
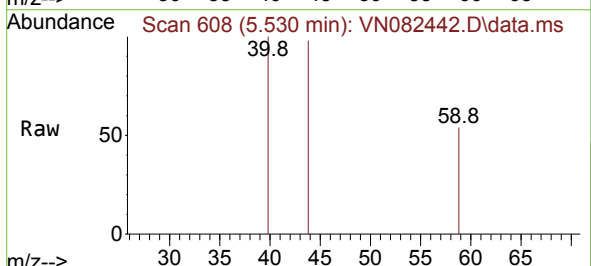


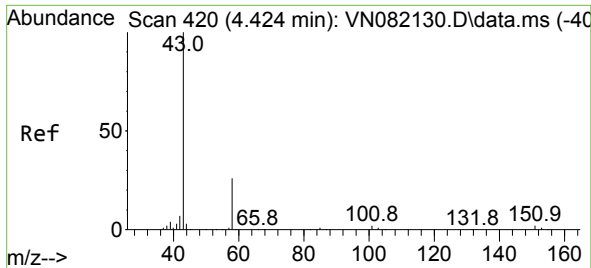
Tgt Ion:168 Resp: 155027
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.659 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.012 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Tgt Ion: 59 Resp: 259
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

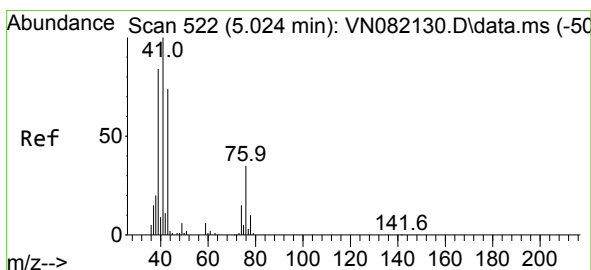
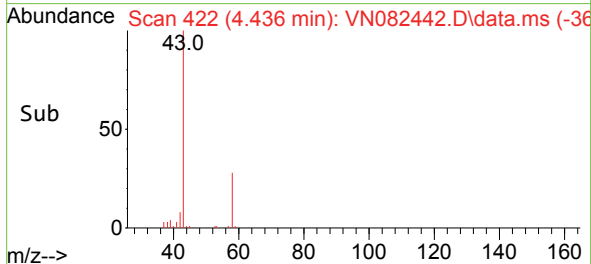
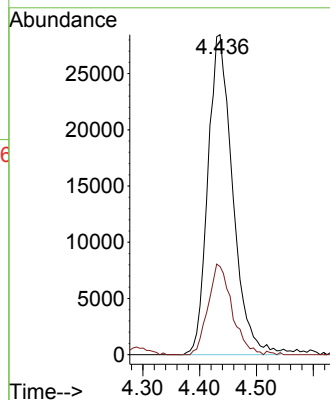
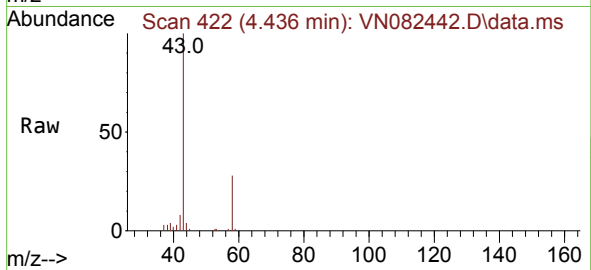




#16
Acetone
Concen: 85.673 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

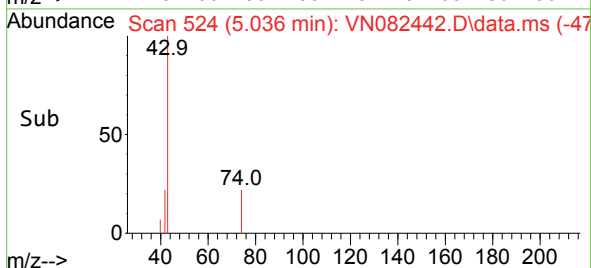
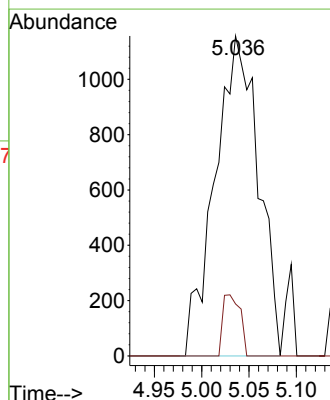
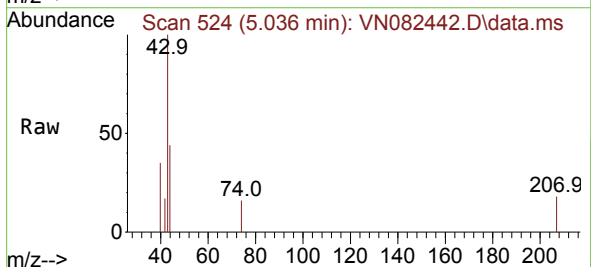
Instrument :
MSVOA_N
ClientSampleId :

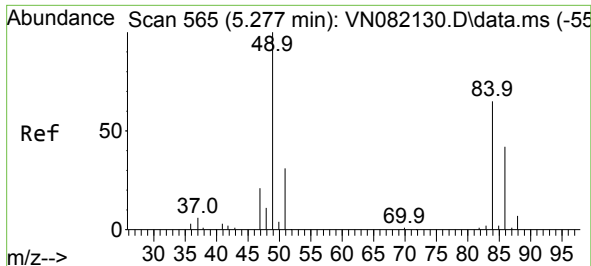
Tgt Ion: 43 Resp: 86031
Ion Ratio Lower Upper
43 100
58 27.5 25.2 37.8



#18
Methyl Acetate
Concen: 1.475 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

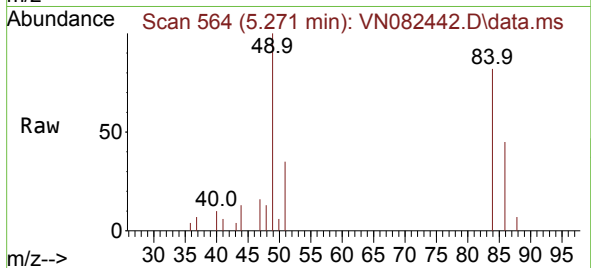
Tgt Ion: 43 Resp: 3688
Ion Ratio Lower Upper
43 100
74 7.6 22.2 33.2#



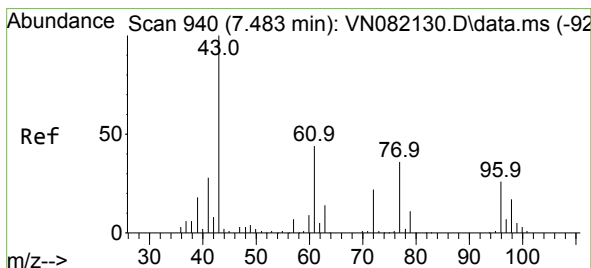
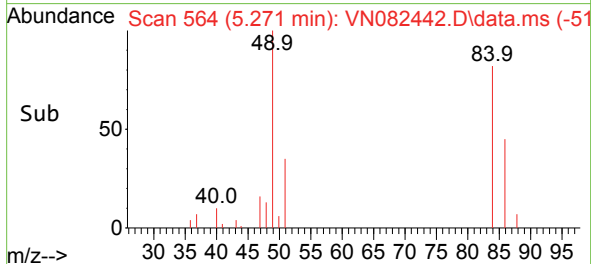
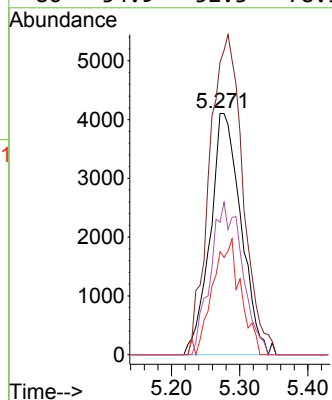


#20
Methylene Chloride
Concen: 6.375 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Instrument :
MSVOA_N
ClientSampleId :

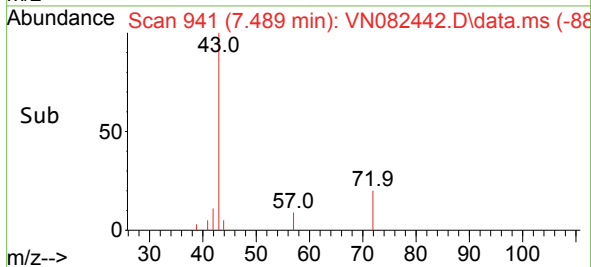
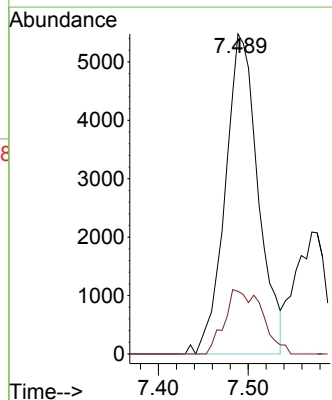
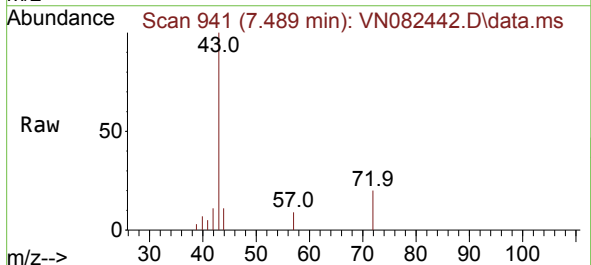


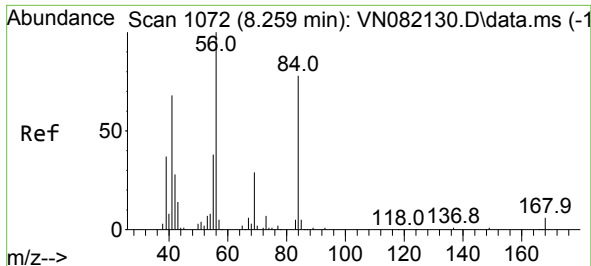
Tgt Ion:	84	Resp:	12917
Ion	Ratio	Lower	Upper
84	100		
49	121.2	84.9	127.3
51	42.7	27.0	40.6#
86	54.9	52.3	78.5



#25
2-Butanone
Concen: 9.190 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

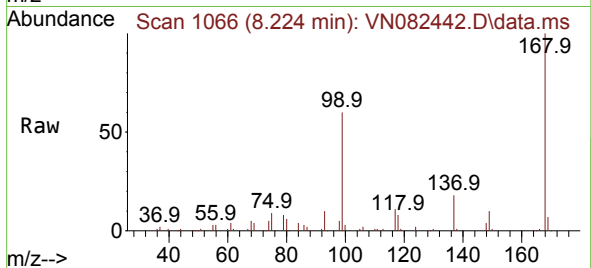
Tgt Ion:	43	Resp:	13992
Ion	Ratio	Lower	Upper
43	100		
72	19.6	25.3	37.9#



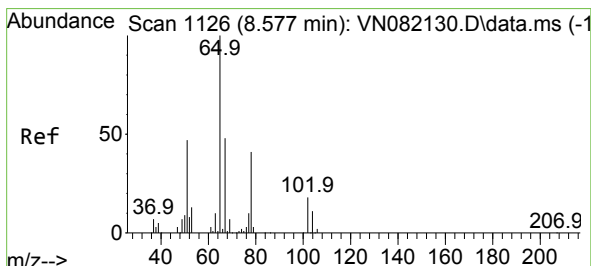
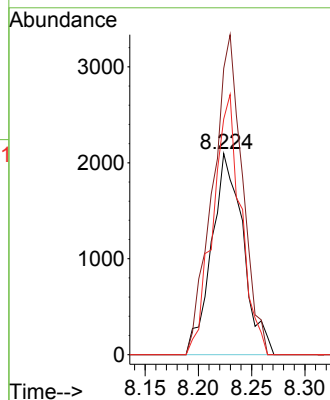
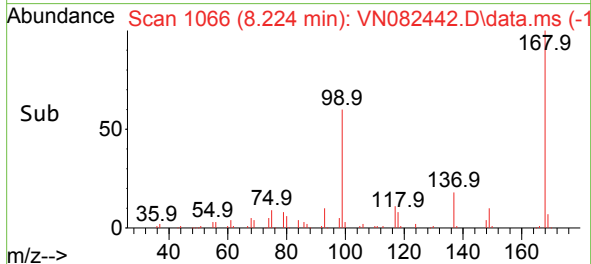


#31
Cyclohexane
Concen: 1.103 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Instrument :
MSVOA_N
ClientSampleId :

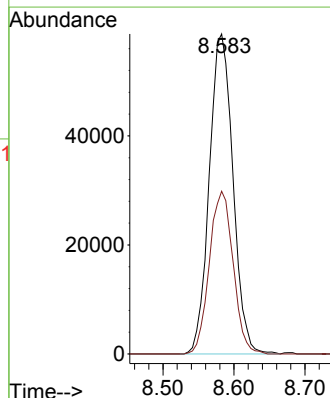
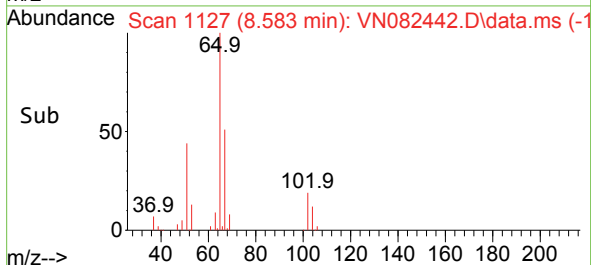
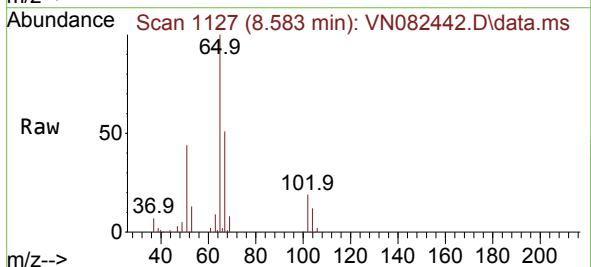


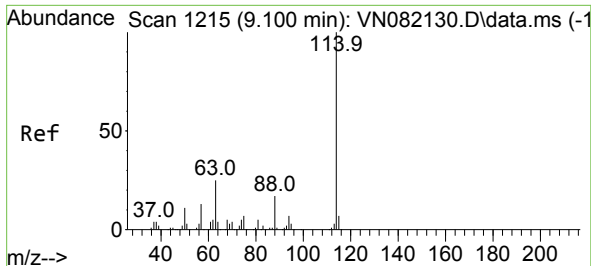
Tgt Ion: 56 Resp: 4311
Ion Ratio Lower Upper
56 100
69 142.3 24.4 36.6#
84 117.2 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 55.467 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Tgt Ion: 65 Resp: 135778
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1114

Delta R.T. 0.006 min

Lab File: VN082442.D

Acq: 03 Jun 2024 18:27

Instrument :

MSVOA_N

ClientSampleId :

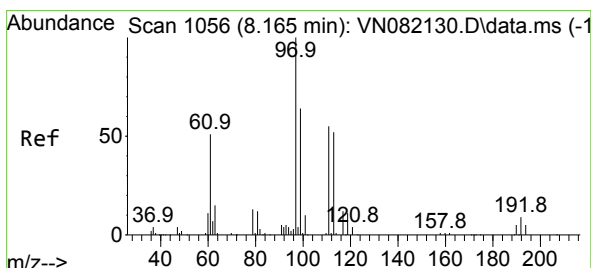
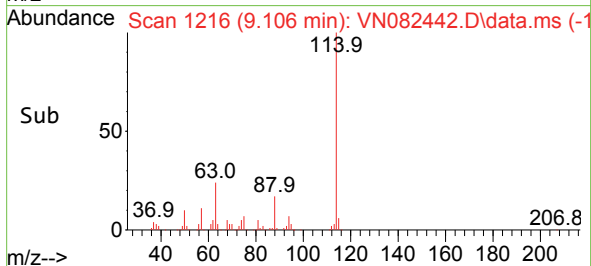
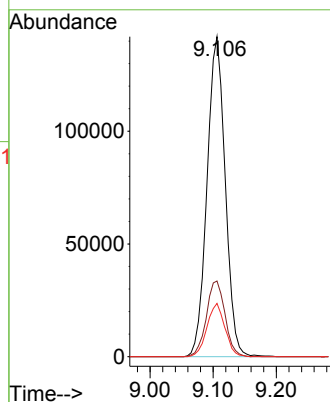
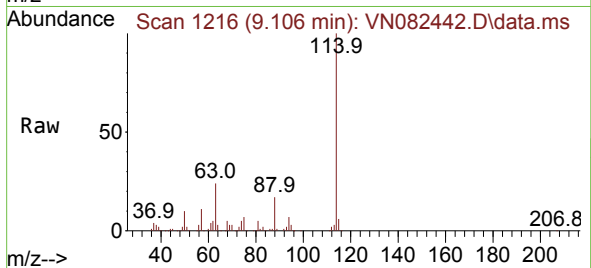
Tgt Ion:114 Resp: 284495

Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.912 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082442.D

Acq: 03 Jun 2024 18:27

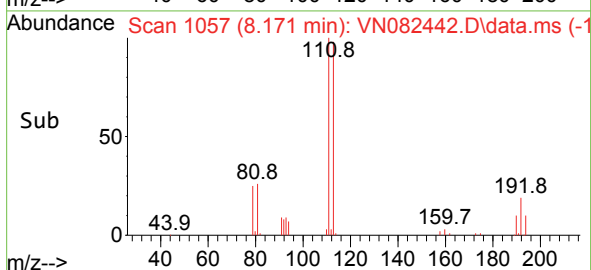
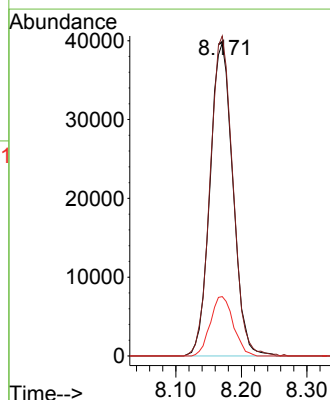
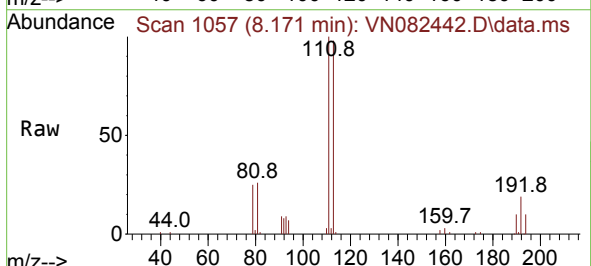
Tgt Ion:113 Resp: 96100

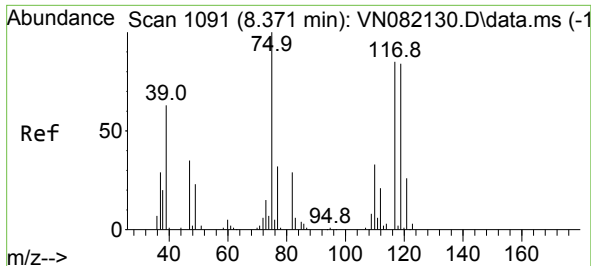
Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.2

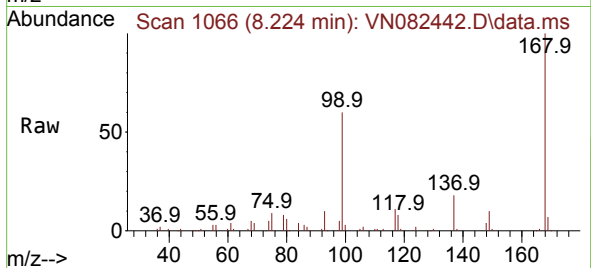
192 19.0 14.0 21.0



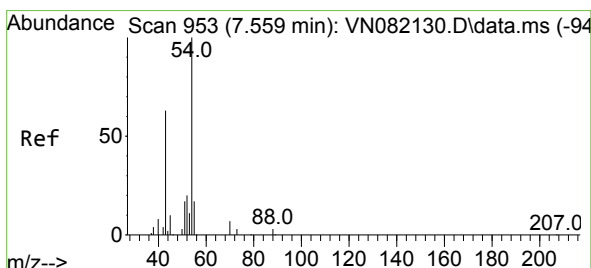
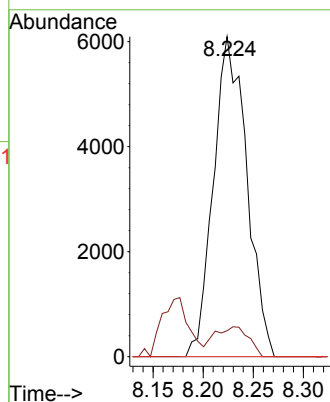
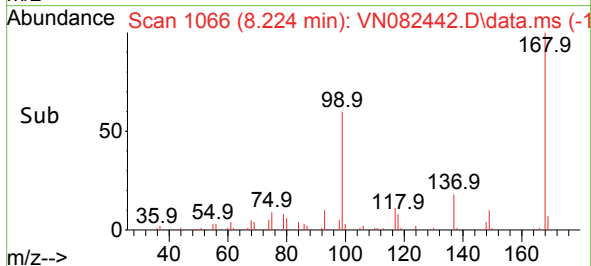


#36
1,1-Dichloropropene
Concen: 4.789 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Instrument :
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ClientSampleId :

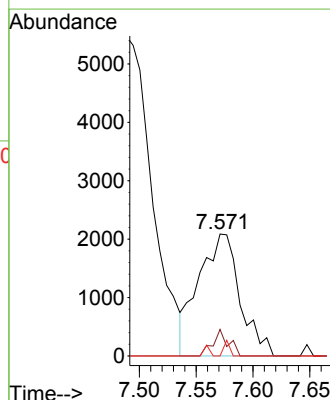
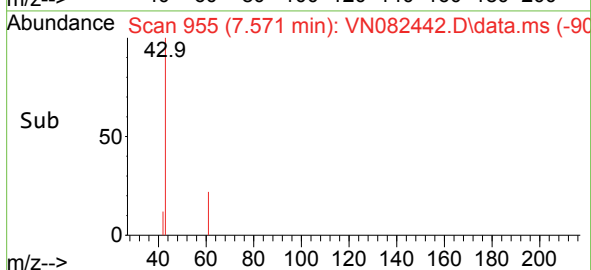
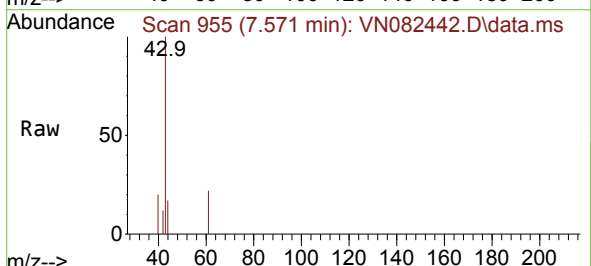


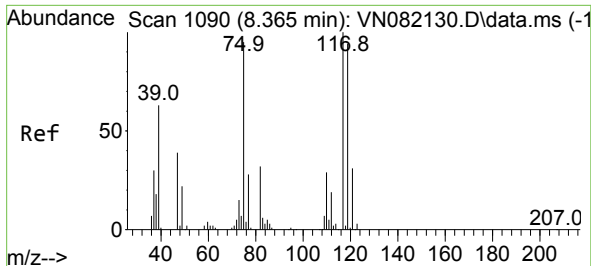
Tgt Ion: 75 Resp: 14057
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.613 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.012 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

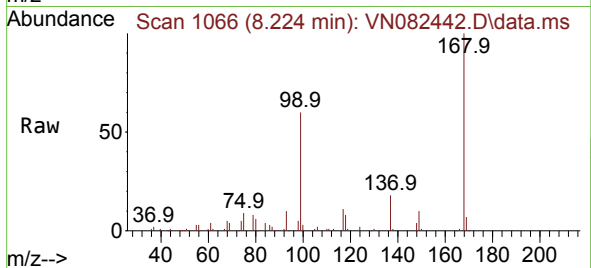
Tgt Ion: 43 Resp: 5299
Ion Ratio Lower Upper
43 100
61 8.2 11.3 16.9#
70 1.8 8.7 13.1#



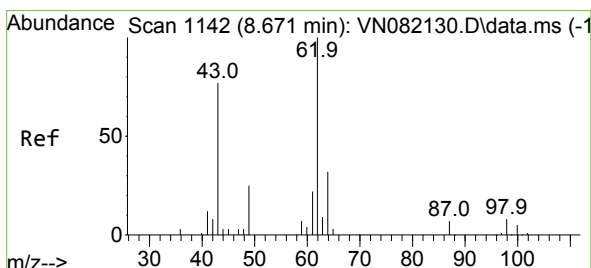
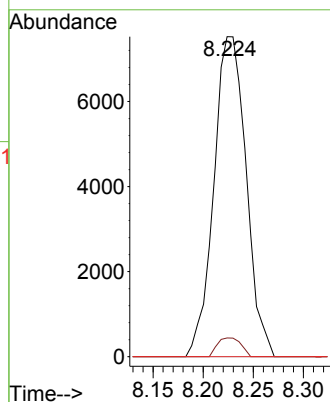
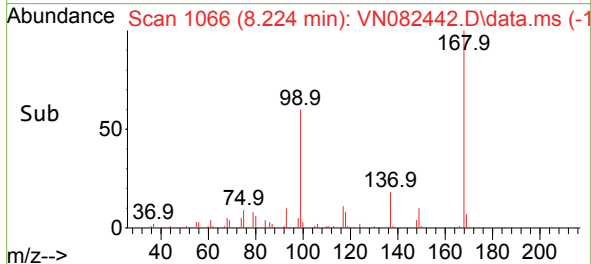


#38
Carbon Tetrachloride
Concen: 5.661 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Instrument :
MSVOA_N
ClientSampleId :

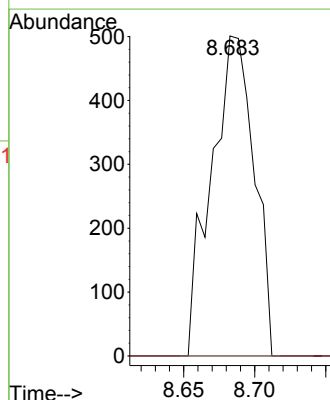
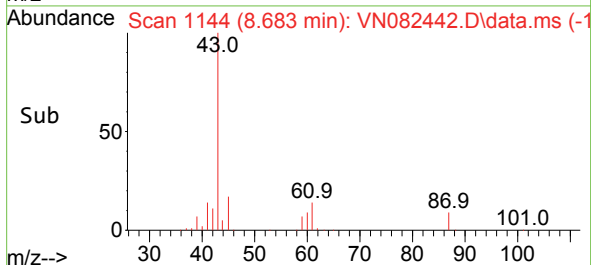
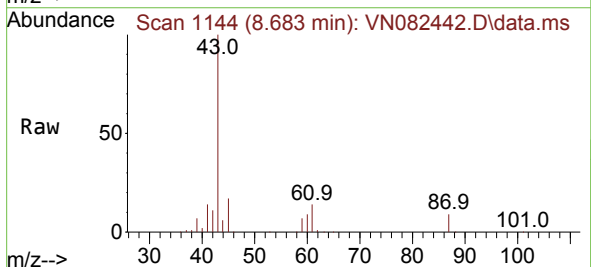


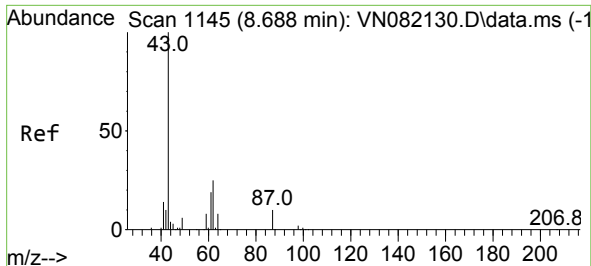
Tgt Ion:117 Resp: 16844
Ion Ratio Lower Upper
117 100
119 5.8 76.5 114.7#
121 0.0 23.9 35.9#



#42
1,2-Dichloroethane
Concen: 0.313 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

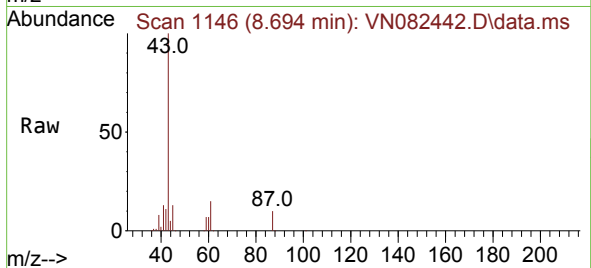
Tgt Ion: 62 Resp: 1053
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.6



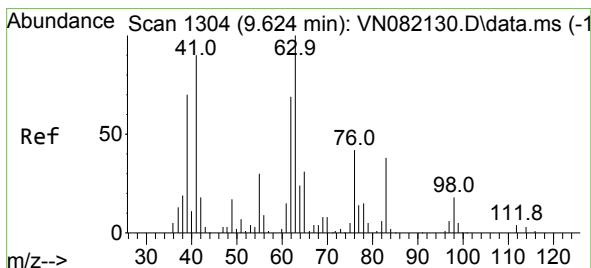
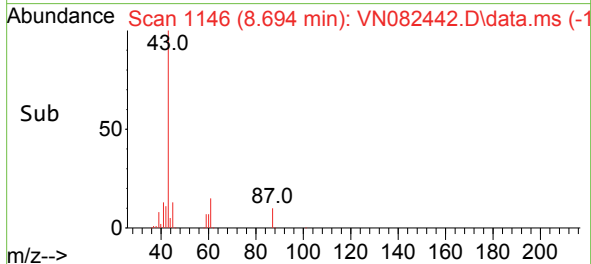
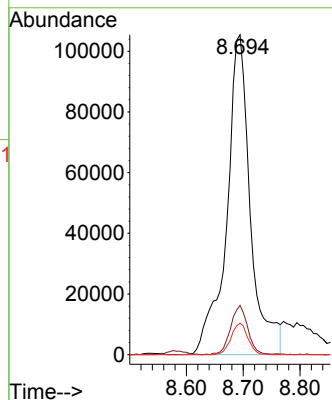


#43
Isopropyl Acetate
Concen: 52.669 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Instrument :
MSVOA_N
ClientSampleId :

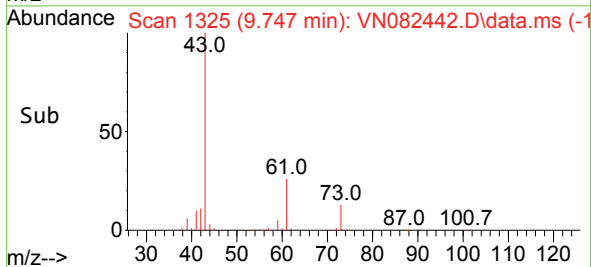
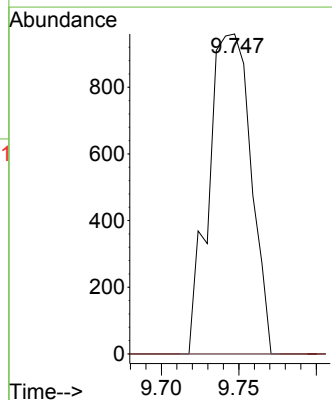
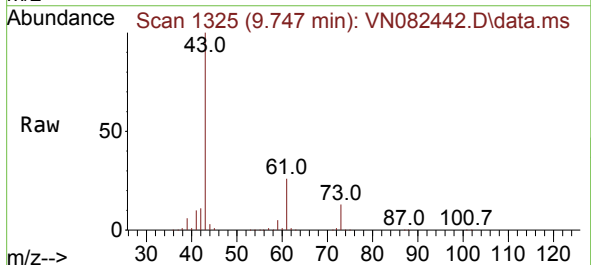


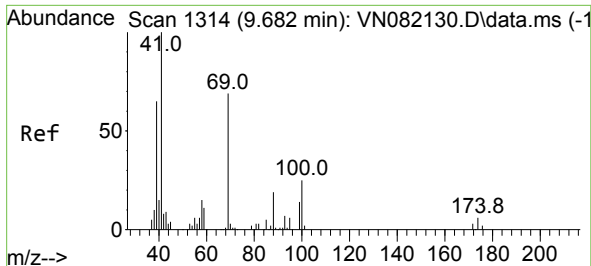
Tgt Ion: 43 Resp: 306556
Ion Ratio Lower Upper
43 100
61 11.2 22.8 34.2#
87 6.9 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.804 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.124 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Tgt Ion: 63 Resp: 1815
Ion Ratio Lower Upper
63 100
65 0.0 24.1 36.1#

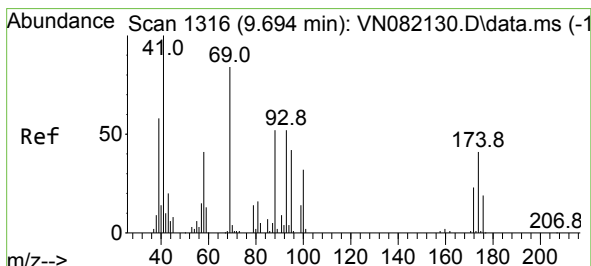
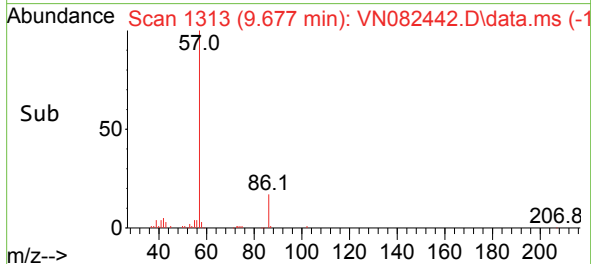
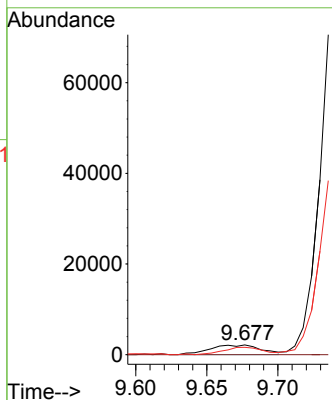
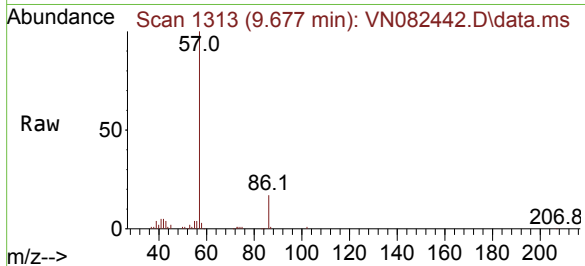




#48
Methyl methacrylate
Concen: 1.924 ug/l
RT: 9.677 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

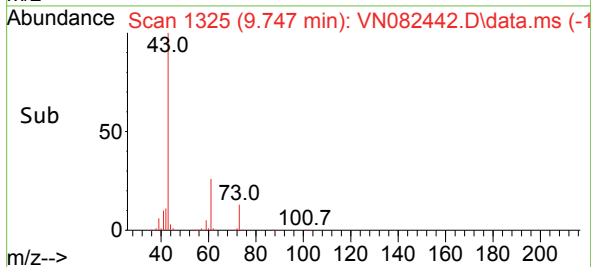
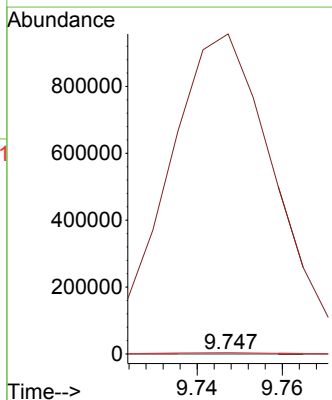
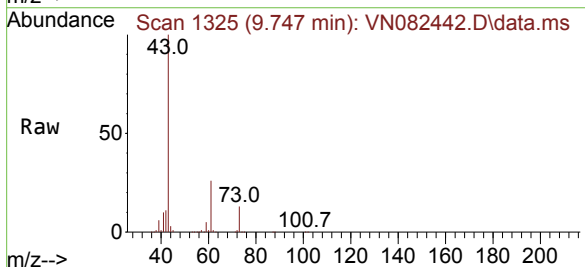
Instrument :
MSVOA_N
ClientSampleId :

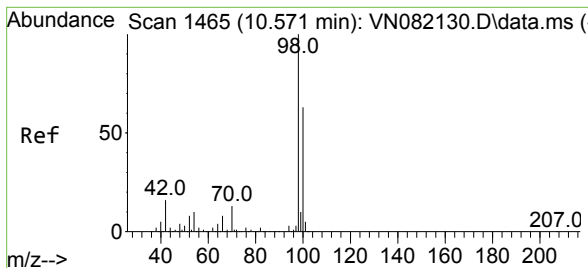
Tgt Ion: 41 Resp: 5335
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 60.9 50.9 76.3



#49
1,4-Dioxane
Concen: 1.853 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.053 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Tgt Ion: 88 Resp: 72
Ion Ratio Lower Upper
88 100
43 2376069.4 19.0 28.6#
58 9718.1 50.6 76.0#

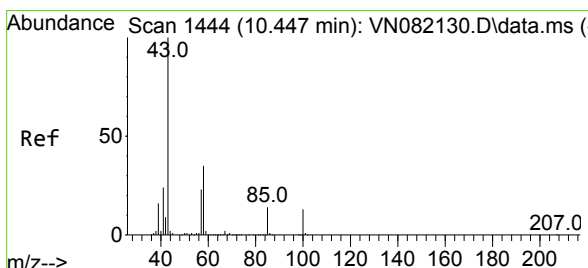
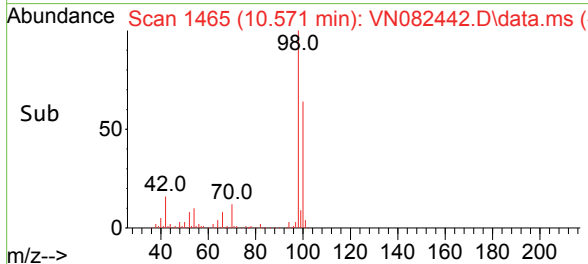
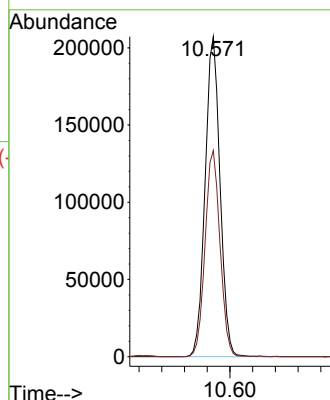
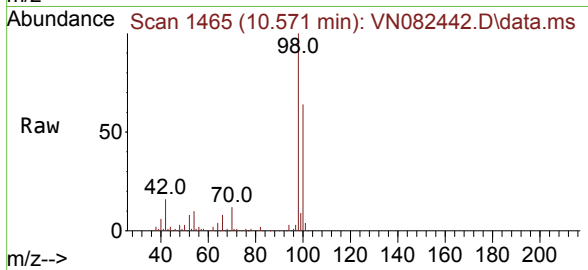




#50
Toluene-d8
Concen: 56.130 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

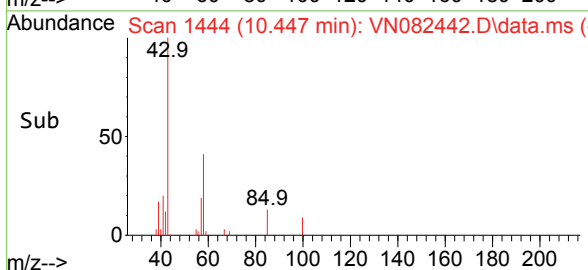
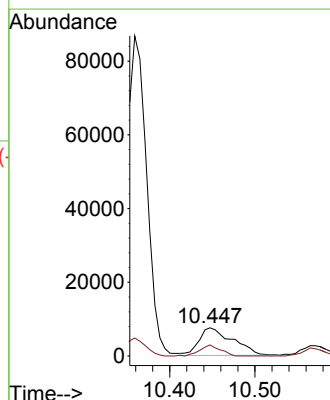
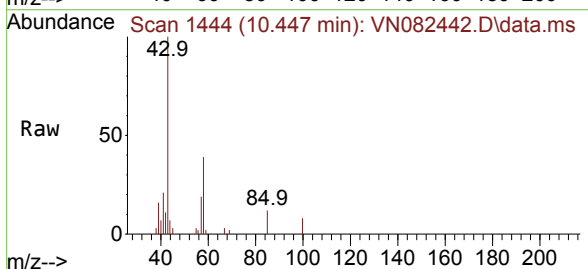
Instrument :
MSVOA_N
ClientSampleId :

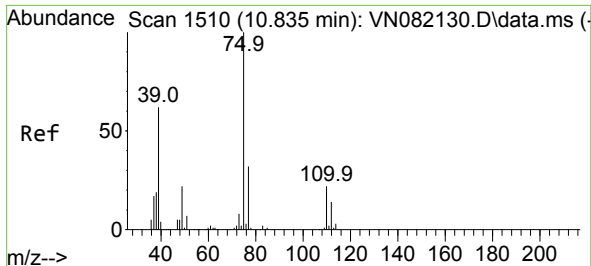
Tgt Ion: 98 Resp: 376617
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 6.246 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

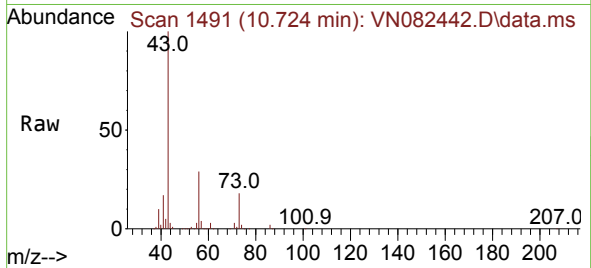
Tgt Ion: 43 Resp: 20657
Ion Ratio Lower Upper
43 100
58 24.1 33.2 49.8#



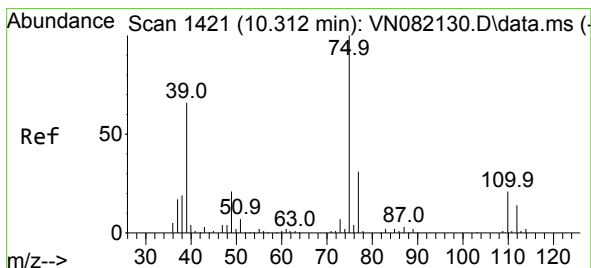
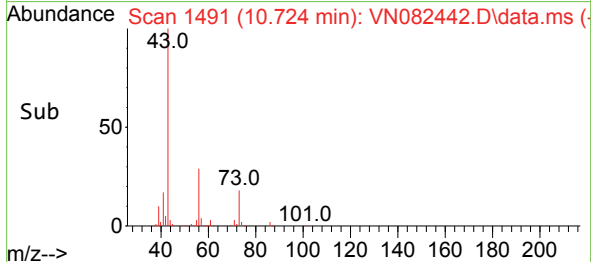
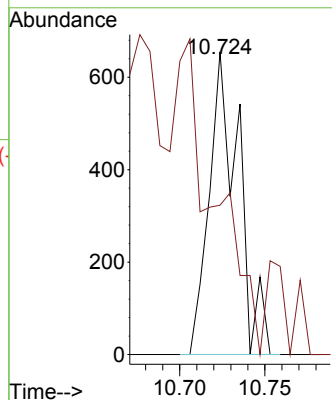


#53
t-1,3-Dichloropropene
Concen: 0.241 ug/l
RT: 10.724 min Scan# 1491
Delta R.T. -0.112 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Instrument :
MSVOA_N
ClientSampleId :

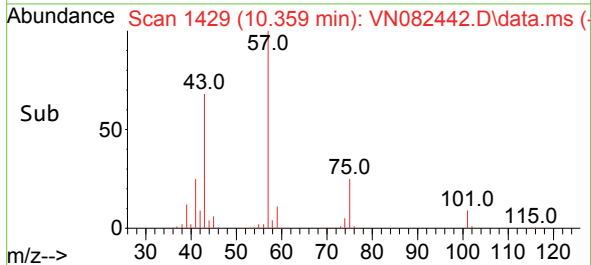
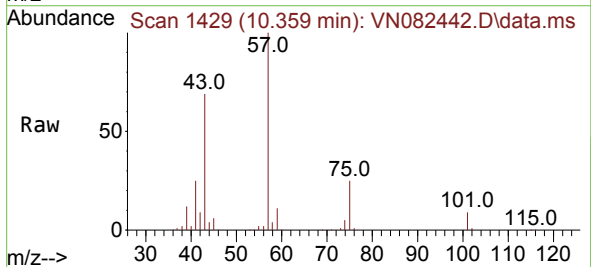
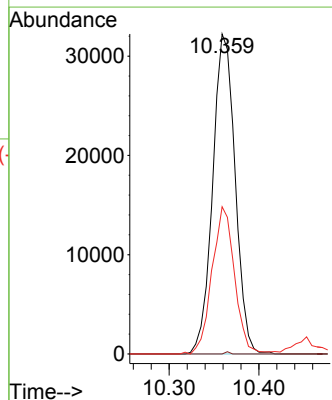


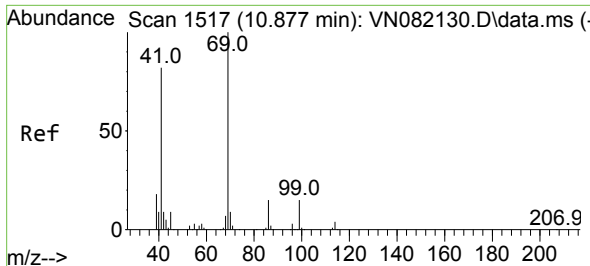
Tgt Ion: 75 Resp: 781
Ion Ratio Lower Upper
75 100
77 20.2 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 16.344 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

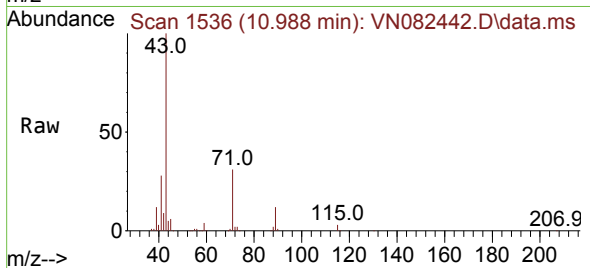
Tgt Ion: 75 Resp: 56003
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 46.0 34.8 52.2



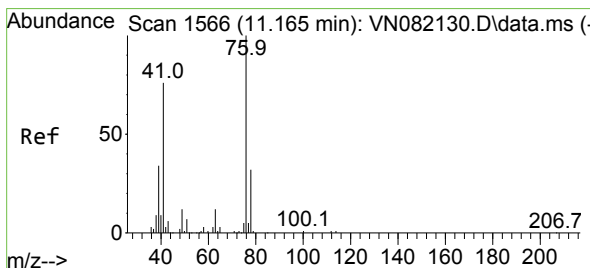
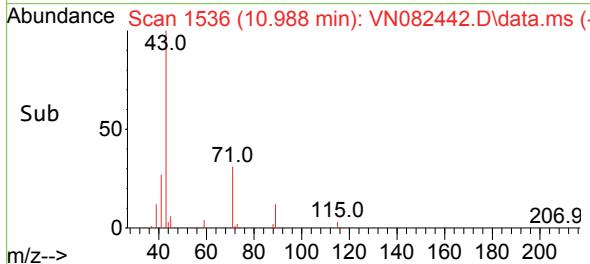
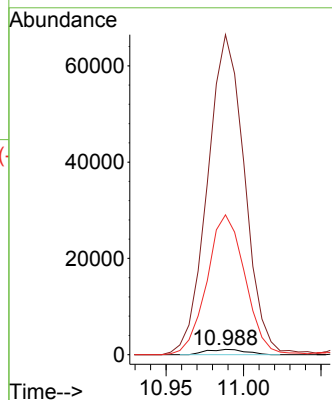


#56
Ethyl methacrylate
Concen: 0.600 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Instrument :
MSVOA_N
ClientSampleId :

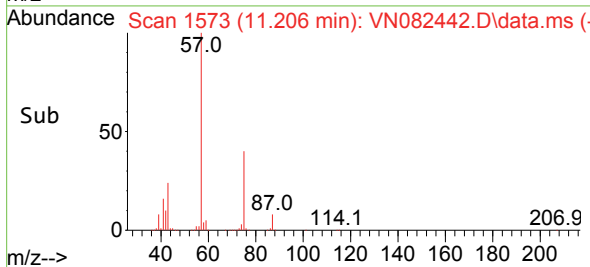
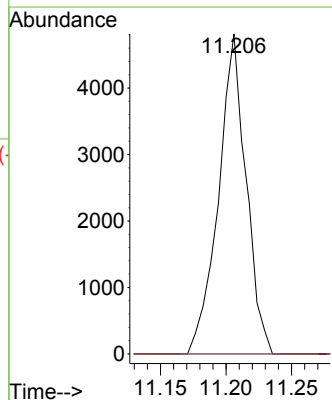
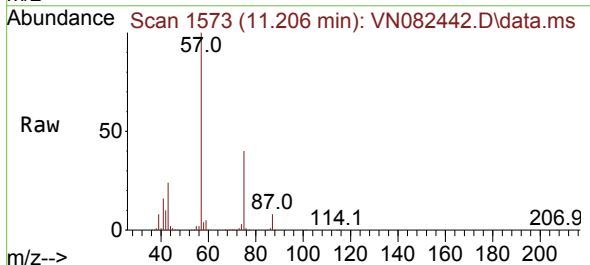


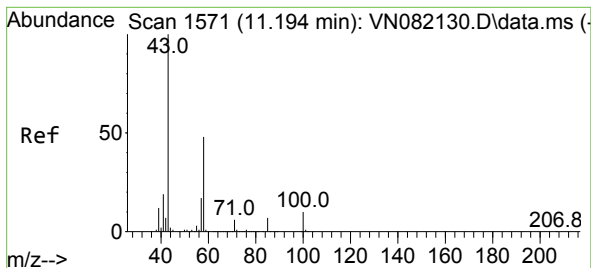
Tgt Ion: 69 Resp: 1943
Ion Ratio Lower Upper
69 100
41 5711.4 46.6 70.0#
39 2562.0 26.5 39.7#



#57
1,3-Dichloropropane
Concen: 1.971 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Tgt Ion: 76 Resp: 7034
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

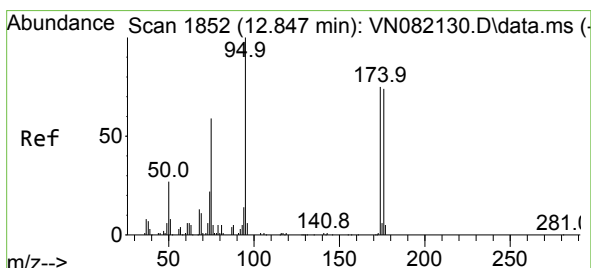
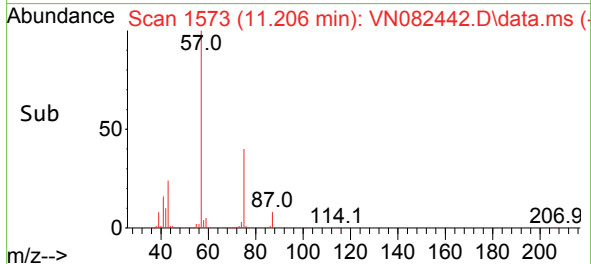
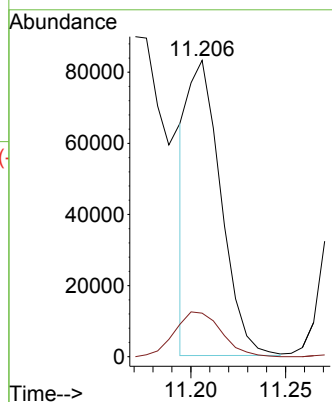
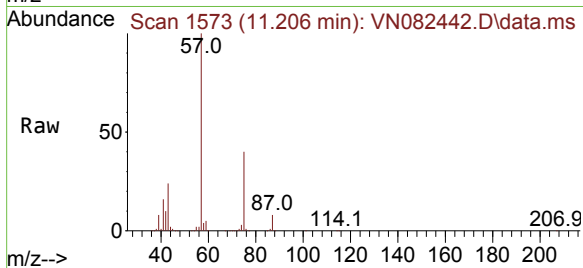




#59
2-Hexanone
Concen: 41.538 ug/l
RT: 11.206 min Scan# 111
Delta R.T. 0.012 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

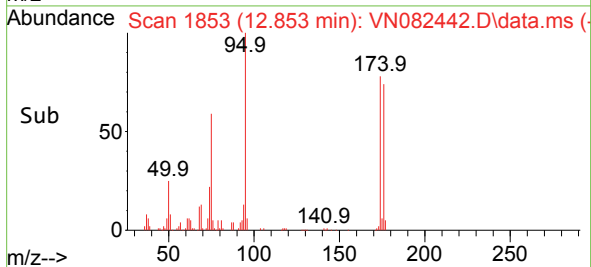
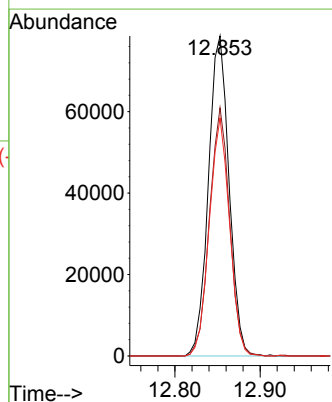
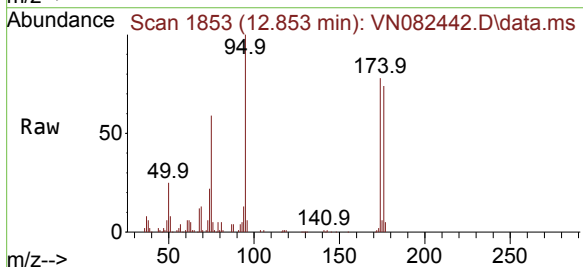
Instrument :
MSVOA_N
ClientSampleId :

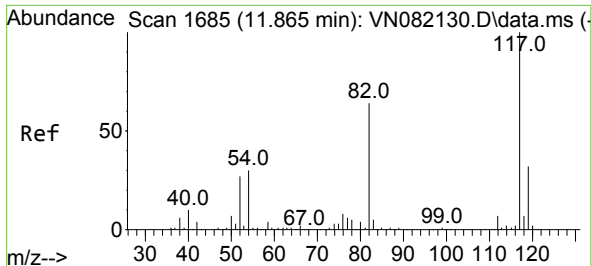
Tgt Ion: 43 Resp: 100581
Ion Ratio Lower Upper
43 100
58 21.6 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 55.309 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Tgt Ion: 95 Resp: 132456
Ion Ratio Lower Upper
95 100
174 75.6 0.0 160.6
176 72.8 0.0 152.8

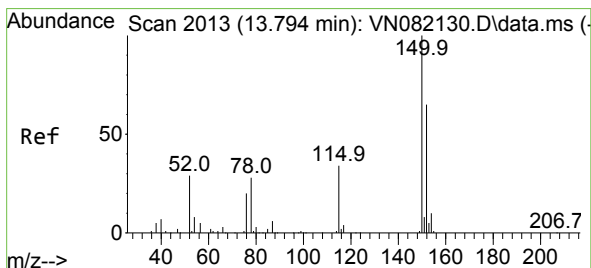
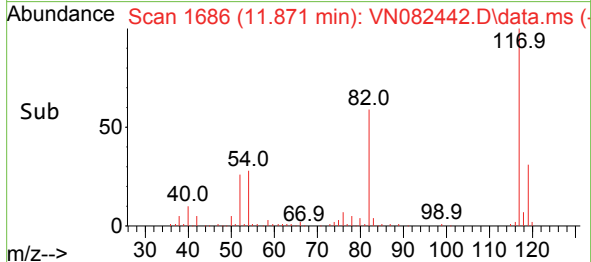
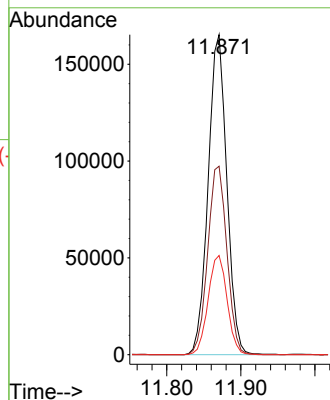
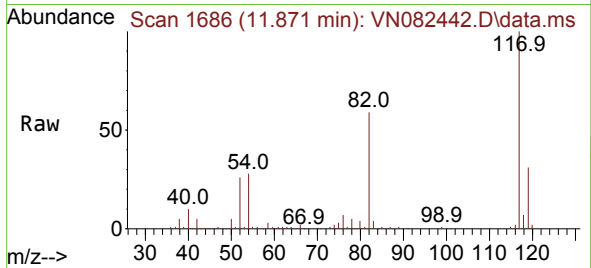




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

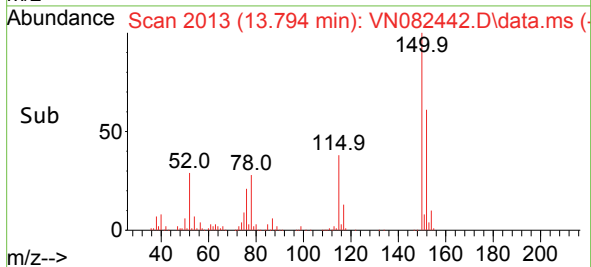
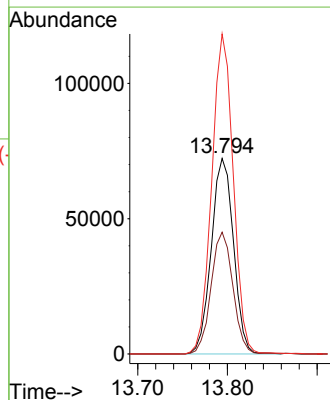
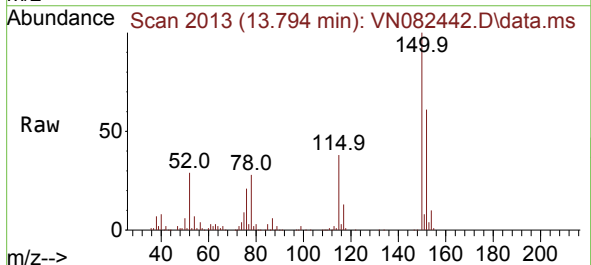
Instrument :
MSVOA_N
ClientSampleId :

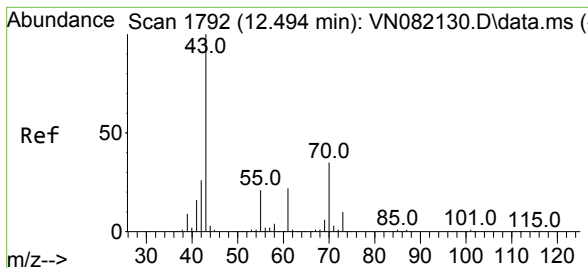
Tgt Ion:117 Resp: 289004
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 31.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Tgt Ion:152 Resp: 124403
Ion Ratio Lower Upper
152 100
115 61.1 30.4 91.3
150 158.3 0.0 353.2





#74

N-amy1 acetate

Concen: 0.391 ug/l

RT: 12.494 min Scan# 1

Delta R.T. 0.000 min

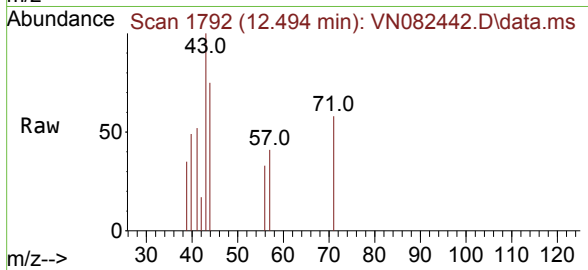
Lab File: VN082442.D

Acq: 03 Jun 2024 18:27

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 2125

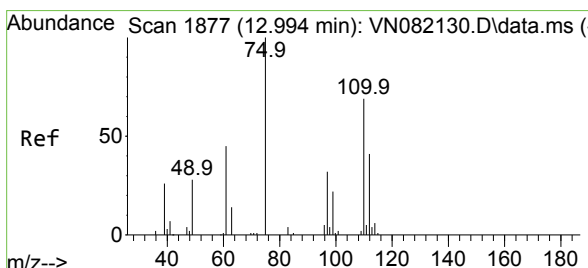
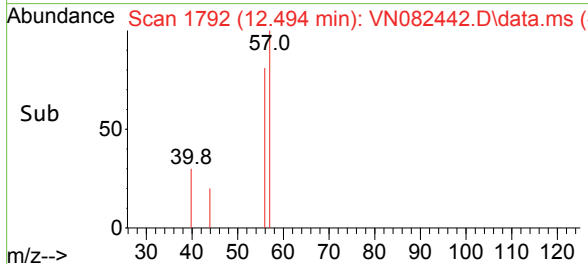
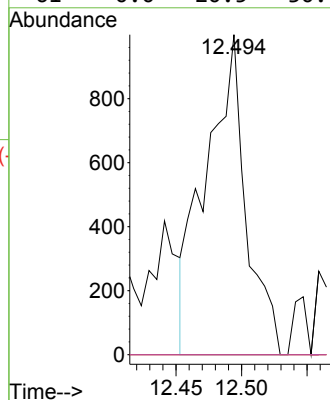
Ion Ratio Lower Upper

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: 28.822 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082442.D

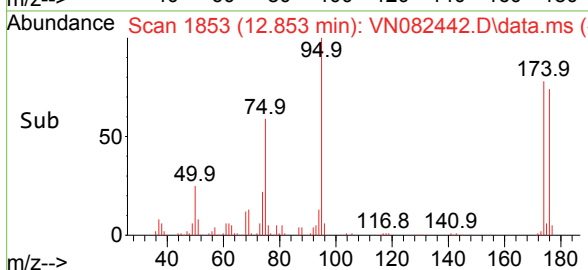
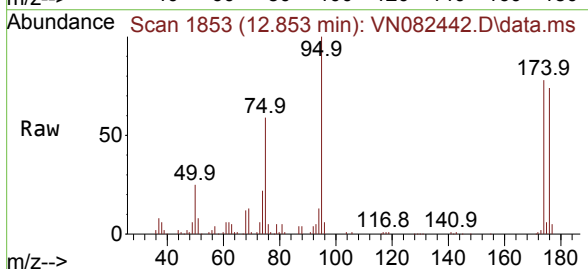
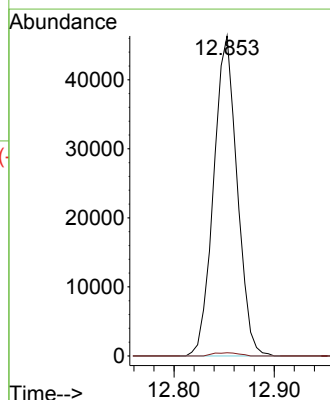
Acq: 03 Jun 2024 18:27

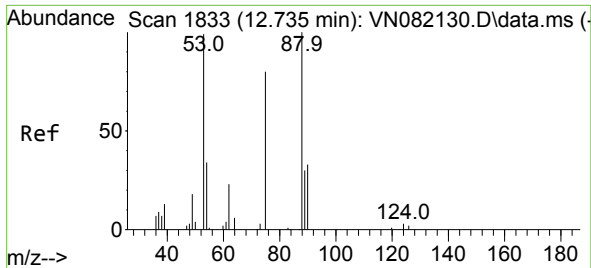
Tgt Ion: 75 Resp: 75467

Ion Ratio Lower Upper

75 100

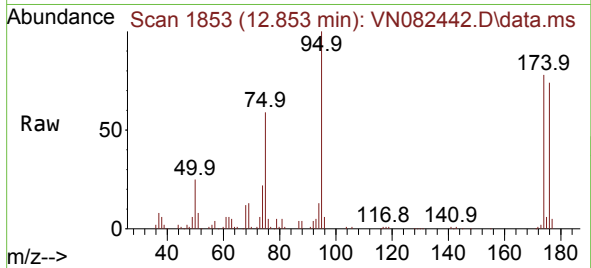
77 1.1 90.5 271.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.413 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 75467
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

