

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082218.D
 Acq On : 20 May 2024 18:35
 Operator : JC\MD
 Sample : P2513-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-17

Quant Time: May 21 03:52:13 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

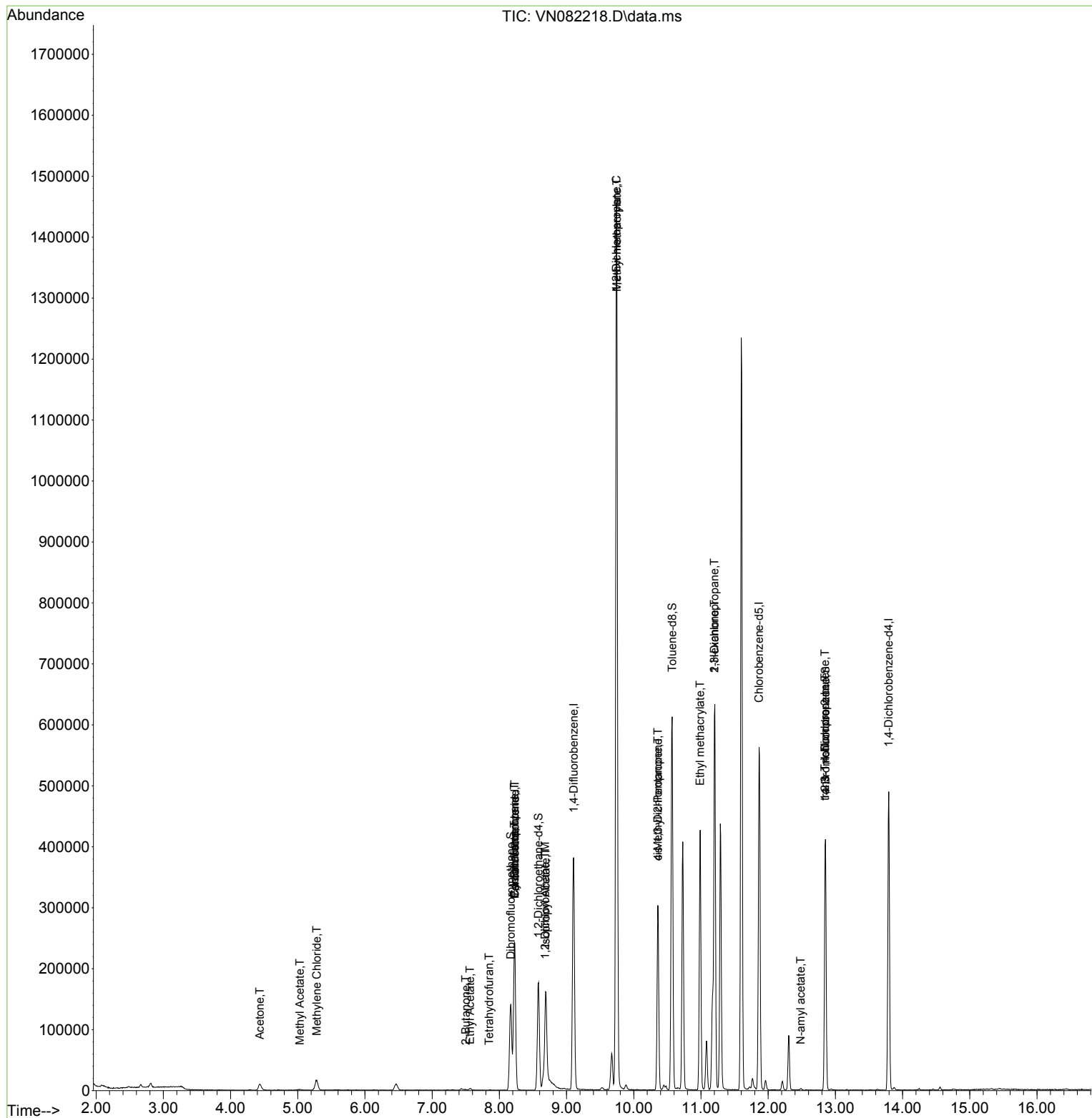
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	170057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	306203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	142190	52.952	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.900%	
35) Dibromofluoromethane	8.171	113	99148	52.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.280%	
50) Toluene-d8	10.571	98	398257	55.148	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.300%	
62) 4-Bromofluorobenzene	12.853	95	134021	51.995	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.980%	
Target Compounds						Qvalue
16) Acetone	4.436	43	20701	18.793	ug/l	89
18) Methyl Acetate	5.030	43	2798	1.020	ug/l #	47
20) Methylene Chloride	5.283	84	10986	4.943	ug/l #	83
25) 2-Butanone	7.500	43	2431	1.456	ug/l #	81
29) Tetrahydrofuran	7.847	42	352	0.328	ug/l #	29
31) Cyclohexane	8.224	56	5008	1.168	ug/l #	48
36) 1,1-Dichloropropene	8.224	75	15736	4.981	ug/l #	49
37) Ethyl Acetate	7.565	43	4311	1.219	ug/l #	79
38) Carbon Tetrachloride	8.230	117	18983	5.928	ug/l #	15
42) 1,2-Dichloroethane	8.682	62	946	0.261	ug/l #	73
43) Isopropyl Acetate	8.688	43	237145	37.855	ug/l #	73
45) 1,2-Dichloropropane	9.741	63	1484	0.611	ug/l #	45
48) Methyl methacrylate	9.747	41	149038	49.928	ug/l #	37
51) 4-Methyl-2-Pentanone	10.359	43	120822	33.945	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	45506	12.339	ug/l #	73
56) Ethyl methacrylate	10.988	69	1276	0.366	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	6077	1.582	ug/l #	42
59) 2-Hexanone	11.200	43	98984	37.981	ug/l #	46
74) N-amyl acetate	12.482	43	1871	0.349	ug/l #	39
76) 1,2,3-Trichloropropane	12.847	75	78089	30.217	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78089	70.677	ug/l #	12

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

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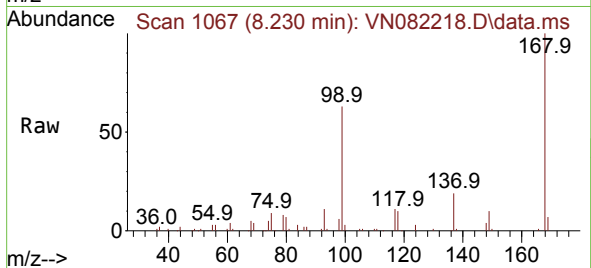
Quant Time: May 21 03:52:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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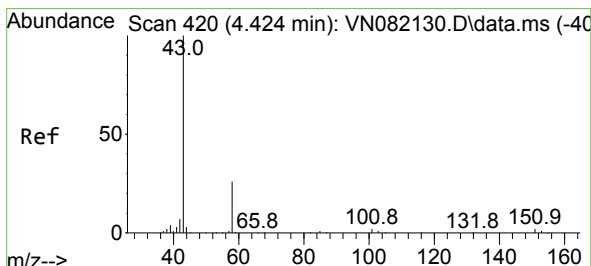
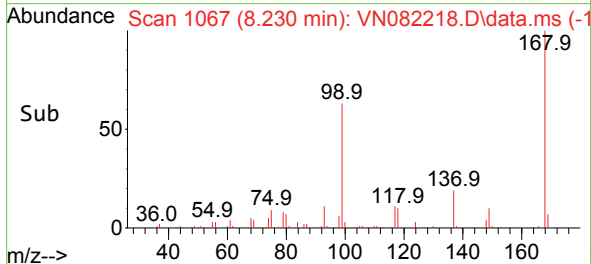
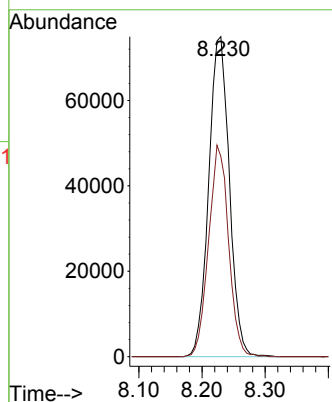


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

Instrument :
MSVOA_N
ClientSampleId :
TP-17

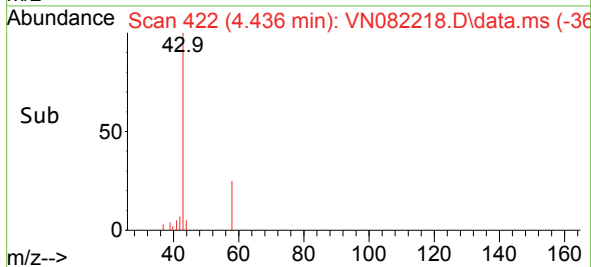
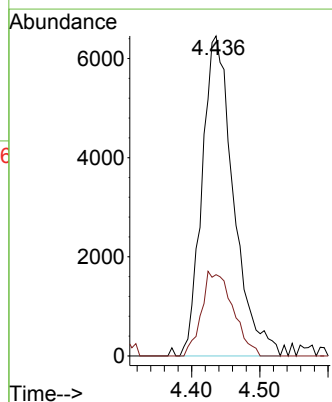
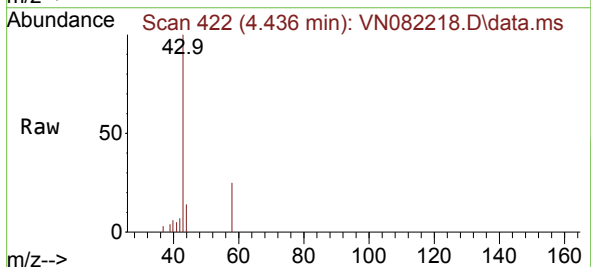


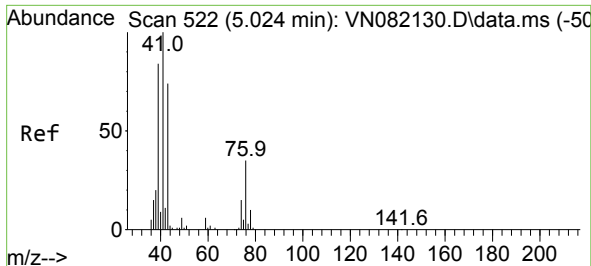
Tgt Ion:168 Resp: 170057
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4



#16
Acetone
Concen: 18.793 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

Tgt Ion: 43 Resp: 20701
Ion Ratio Lower Upper
43 100
58 25.4 25.2 37.8

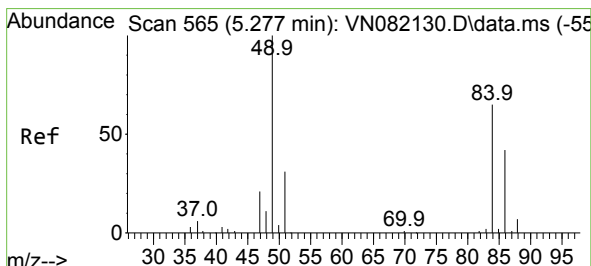
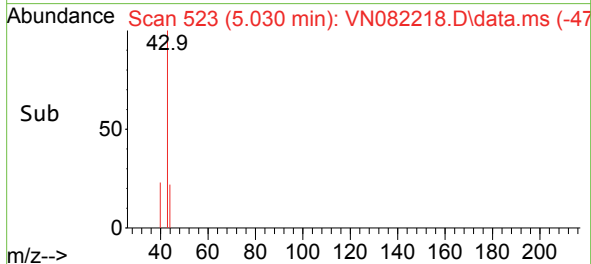
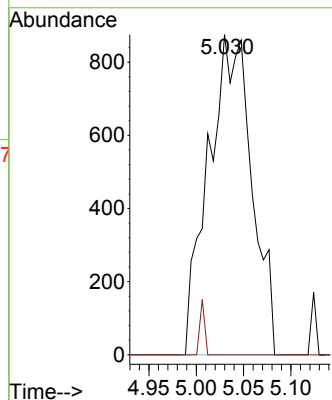
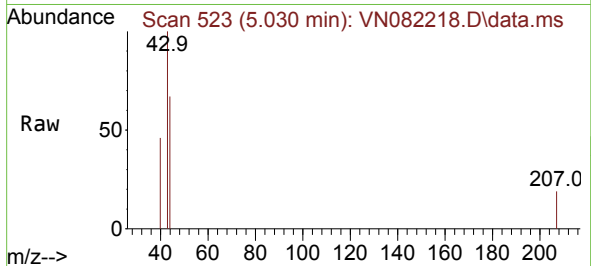




#18
Methyl Acetate
Concen: 1.020 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

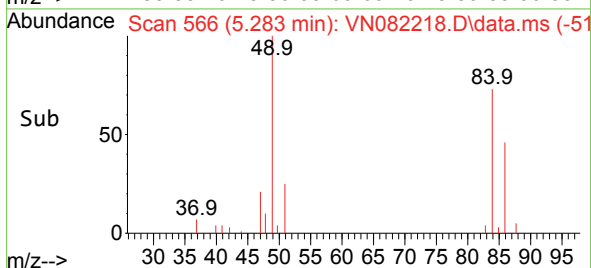
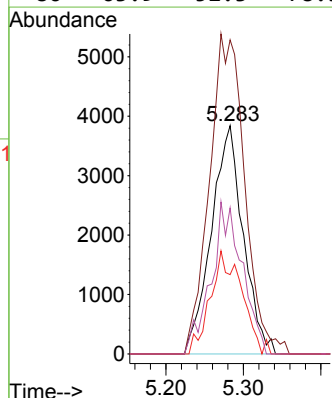
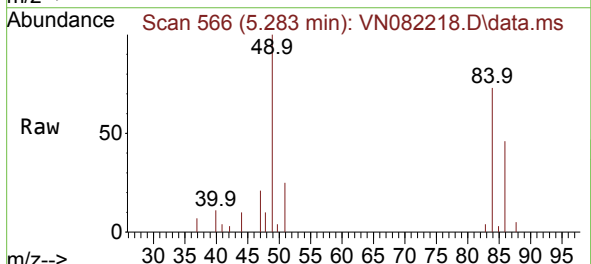
Instrument :
MSVOA_N
ClientSampleId :
TP-17

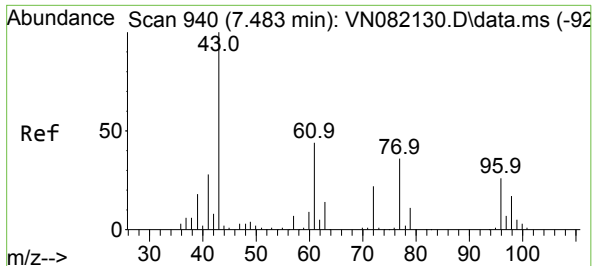
Tgt Ion: 43 Resp: 2798
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#20
Methylene Chloride
Concen: 4.943 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

Tgt Ion: 84 Resp: 10986
Ion Ratio Lower Upper
84 100
49 137.5 84.9 127.3#
51 34.8 27.0 40.6
86 63.9 52.3 78.5

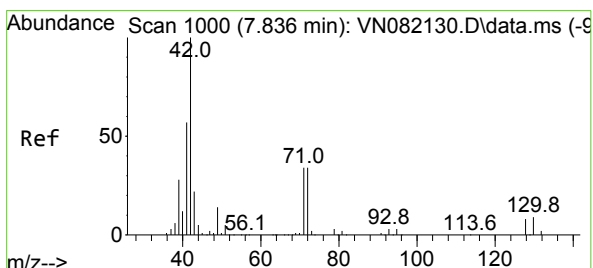
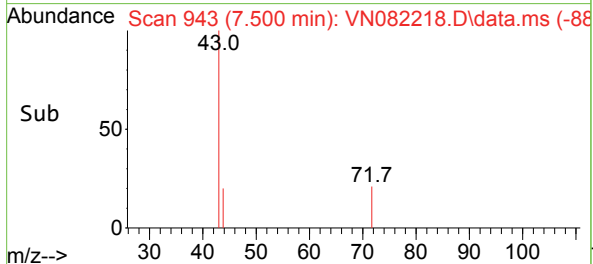
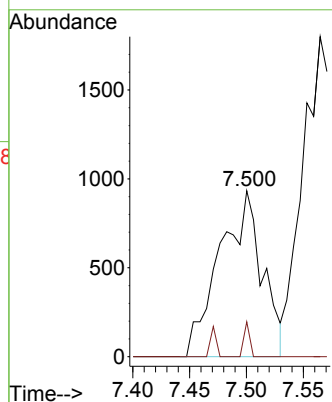
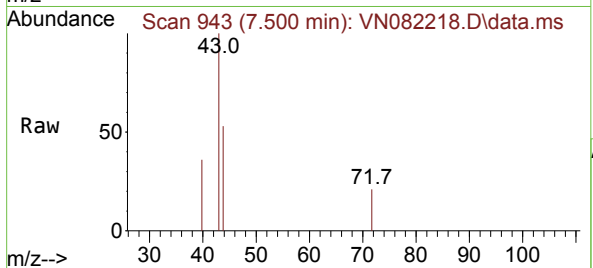




#25
2-Butanone
Concen: 1.456 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

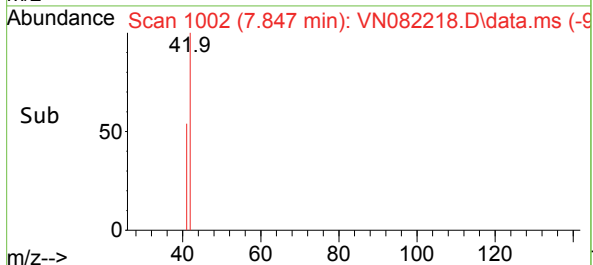
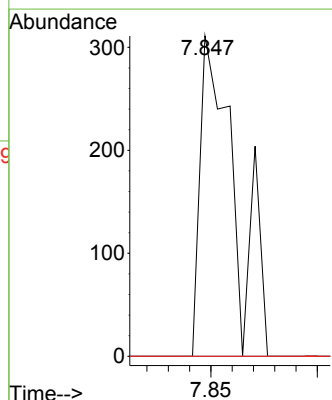
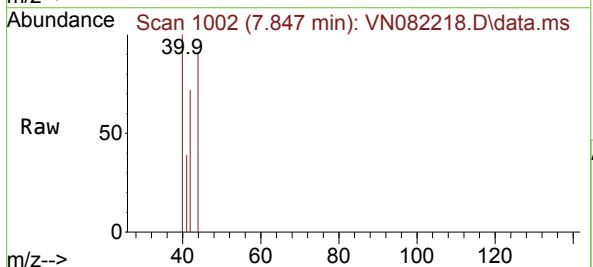
Instrument :
MSVOA_N
ClientSampleId :
TP-17

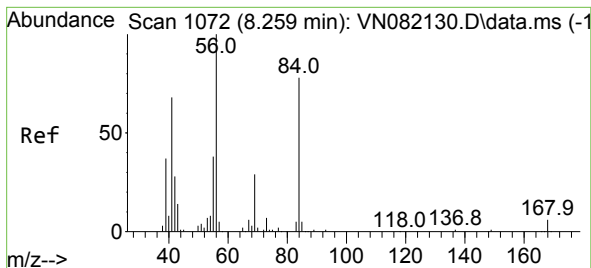
Tgt Ion: 43 Resp: 2431
Ion Ratio Lower Upper
43 100
72 21.0 25.3 37.9#



#29
Tetrahydrofuran
Concen: 0.328 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.011 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

Tgt Ion: 42 Resp: 352
Ion Ratio Lower Upper
42 100
72 0.0 39.3 58.9#
71 0.0 37.4 56.0#





#31

Cyclohexane

Concen: 1.168 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN082218.D

Acq: 20 May 2024 18:35

Instrument :

MSVOA_N

ClientSampleId :

TP-17

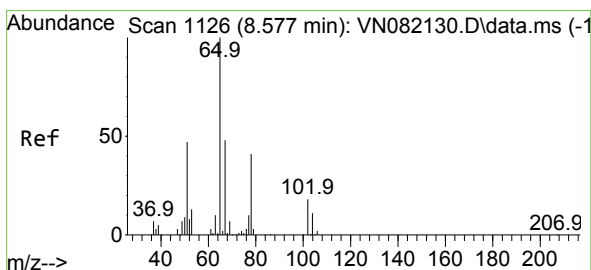
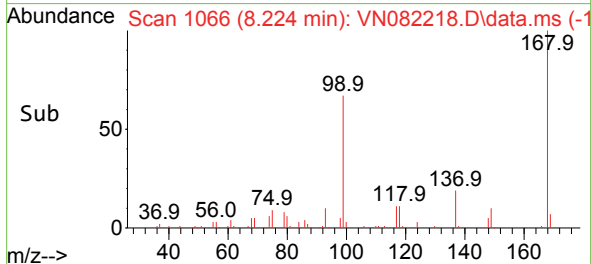
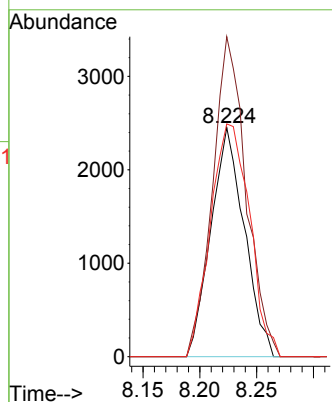
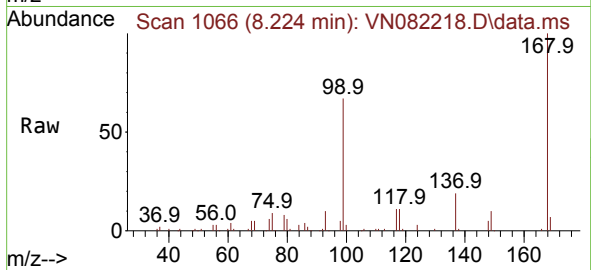
Tgt Ion: 56 Resp: 5008

Ion Ratio Lower Upper

56 100

69 139.6 24.4 36.6#

84 101.5 77.0 115.4



#33

1,2-Dichloroethane-d4

Concen: 52.952 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082218.D

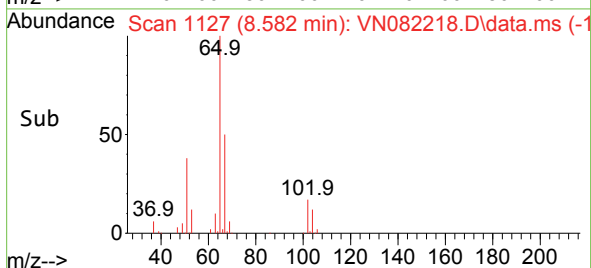
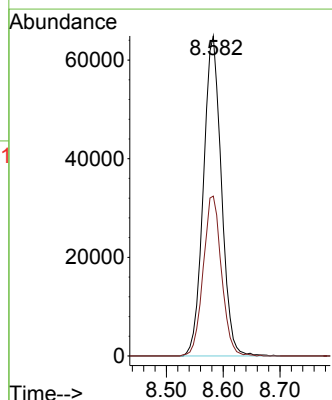
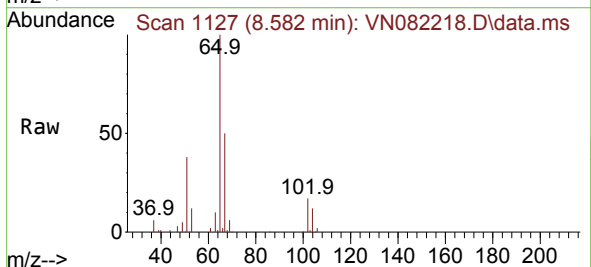
Acq: 20 May 2024 18:35

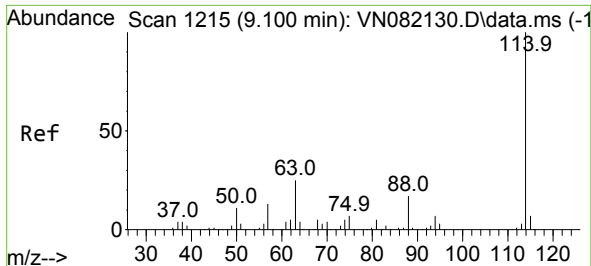
Tgt Ion: 65 Resp: 142190

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# 1

Delta R.T. 0.006 min

Lab File: VN082218.D

Acq: 20 May 2024 18:35

Instrument :

MSVOA_N

ClientSampleId :

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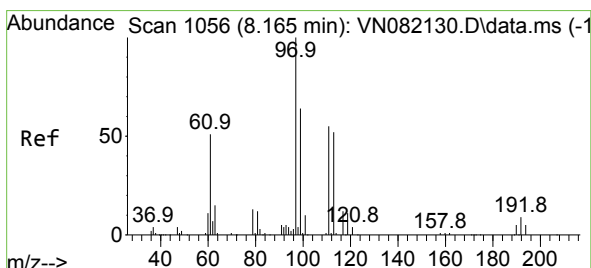
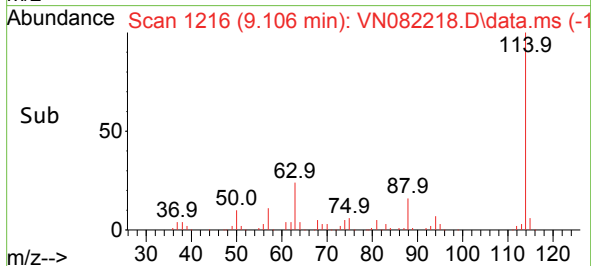
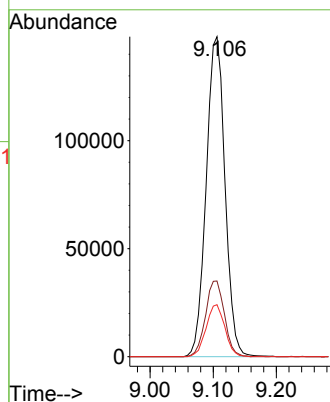
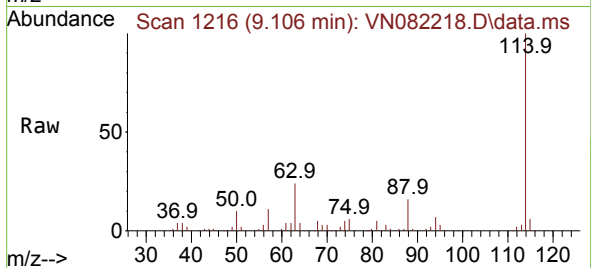
Tgt Ion:114 Resp: 306203

Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.0

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.637 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082218.D

Acq: 20 May 2024 18:35

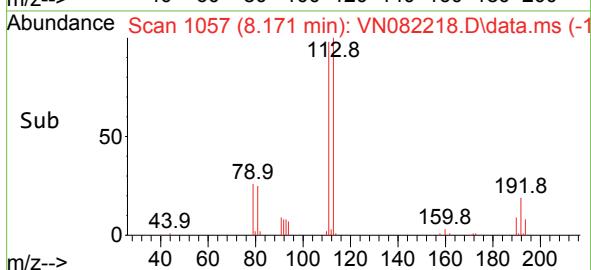
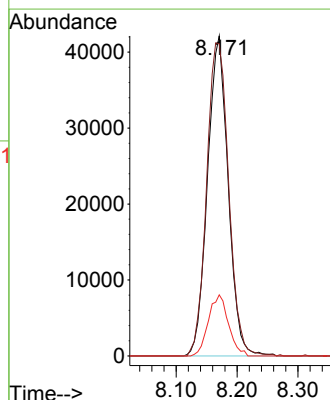
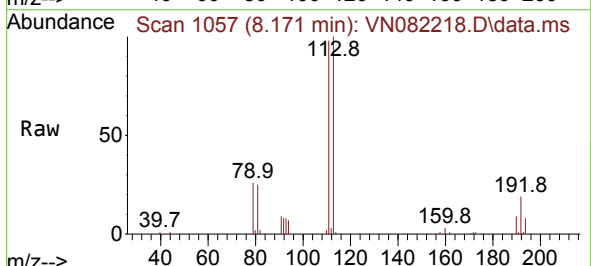
Tgt Ion:113 Resp: 99148

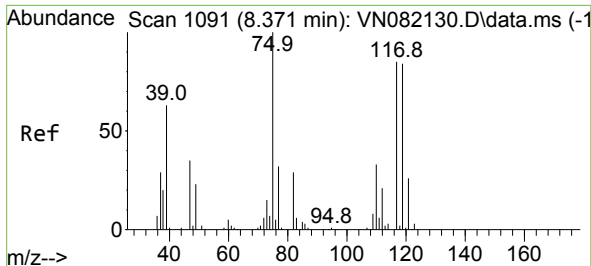
Ion Ratio Lower Upper

113 100

111 104.8 83.4 125.2

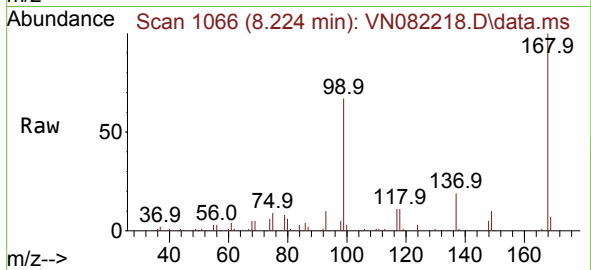
192 18.6 14.0 21.0



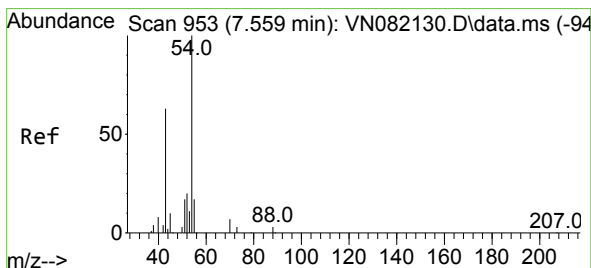
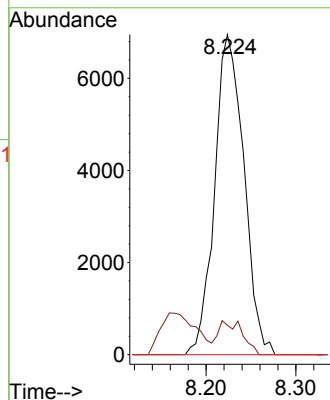
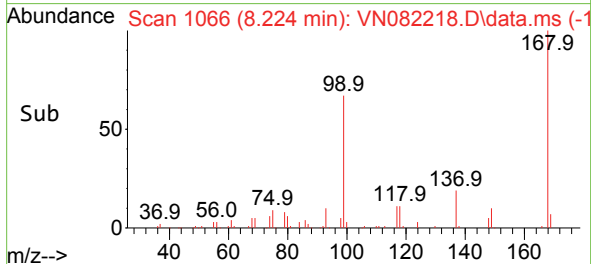


#36
1,1-Dichloropropene
Concen: 4.981 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

Instrument :
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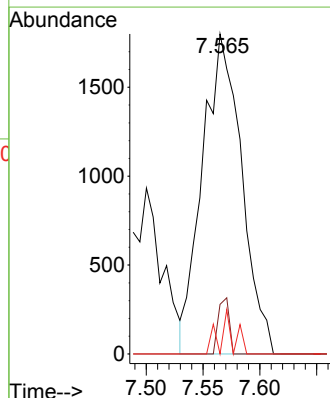
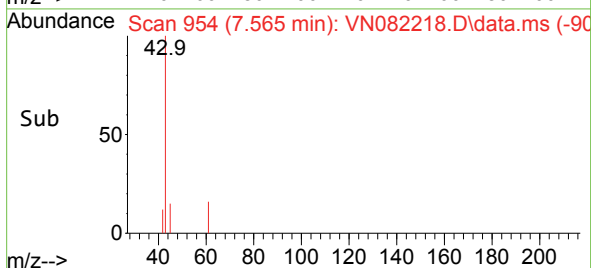
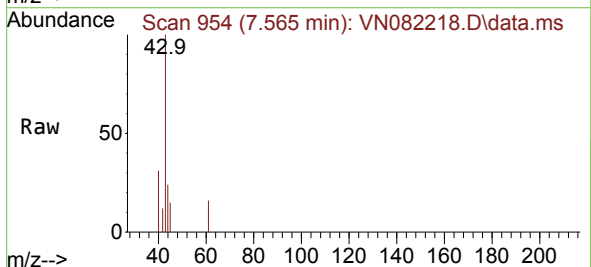


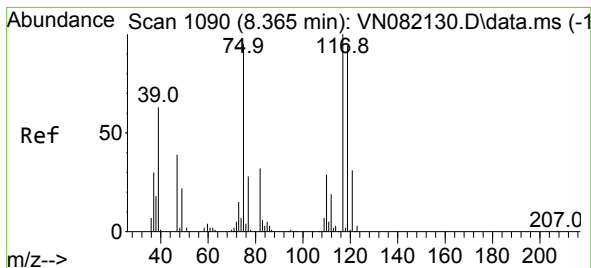
Tgt Ion: 75 Resp: 15736
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.219 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

Tgt Ion: 43 Resp: 4311
Ion Ratio Lower Upper
43 100
61 4.9 11.3 16.9#
70 3.4 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.928 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

Lab File: VN082218.D

Acq: 20 May 2024 18:35

Instrument :

MSVOA_N

ClientSampleId :

TP-17

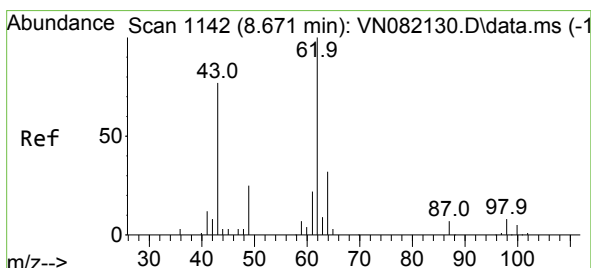
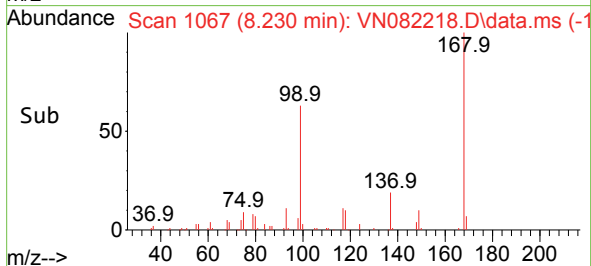
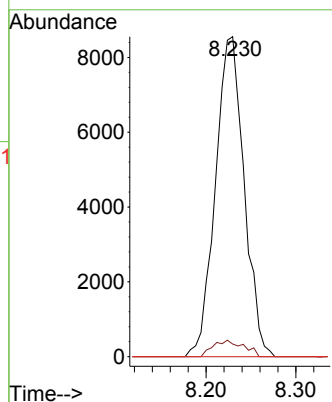
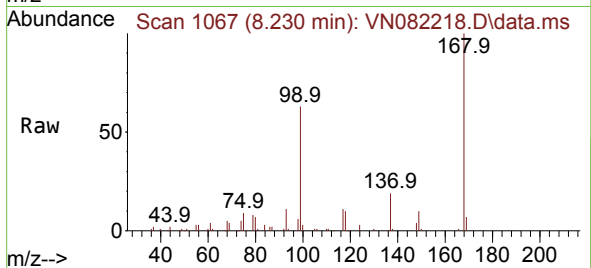
Tgt Ion:117 Resp: 18983

Ion Ratio Lower Upper

117 100

119 4.0 76.5 114.7#

121 0.0 23.9 35.9#



#42

1,2-Dichloroethane

Concen: 0.261 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN082218.D

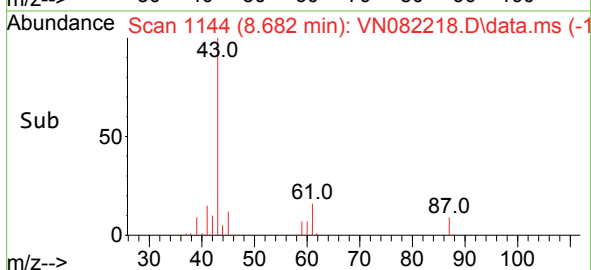
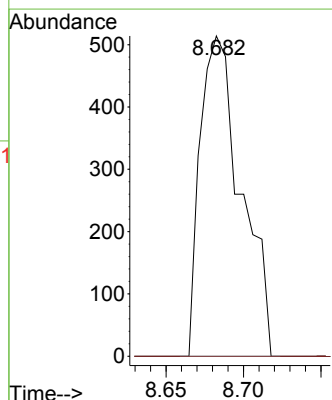
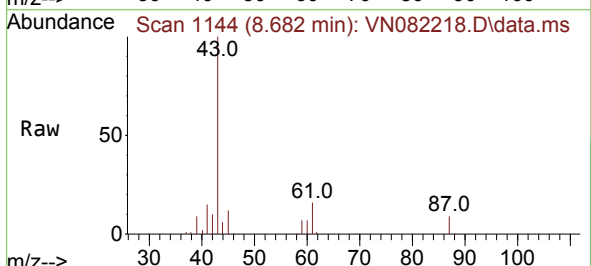
Acq: 20 May 2024 18:35

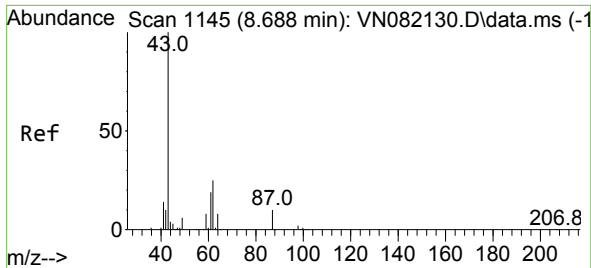
Tgt Ion: 62 Resp: 946

Ion Ratio Lower Upper

62 100

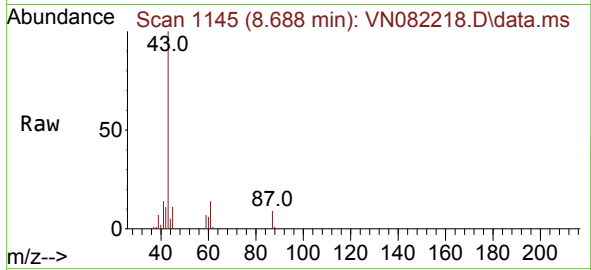
98 0.0 0.0 19.6



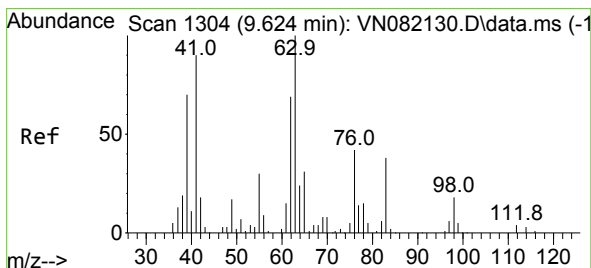
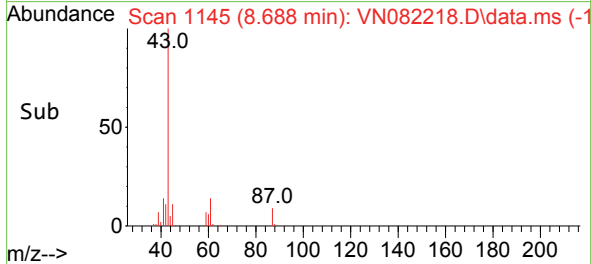
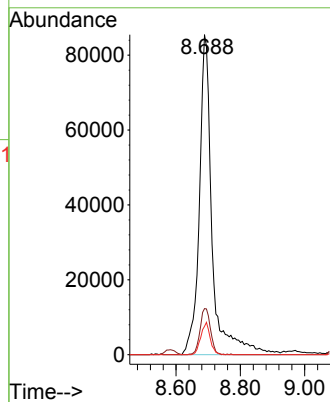


#43
Isopropyl Acetate
Concen: 37.855 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

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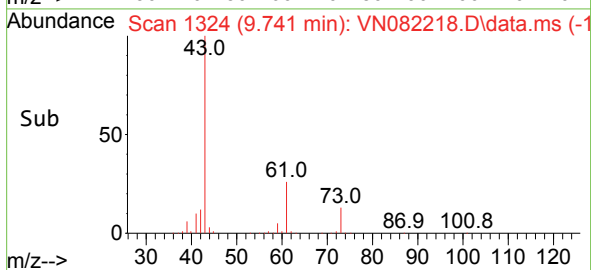
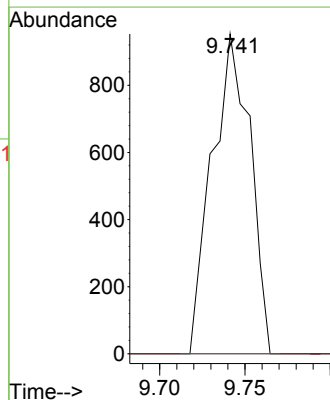
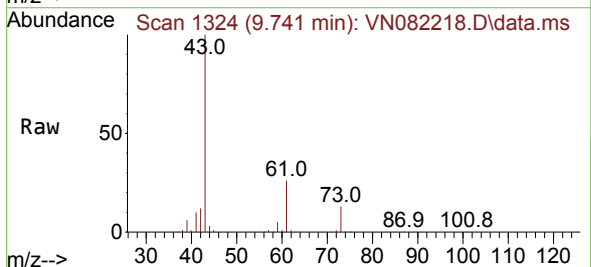


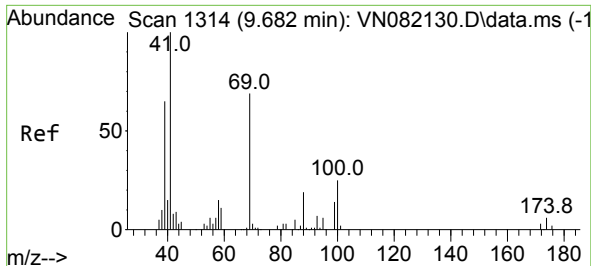
Tgt Ion: 43 Resp: 237145
Ion Ratio Lower Upper
43 100
61 11.7 22.8 34.2#
87 7.3 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.611 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

Tgt Ion: 63 Resp: 1484
Ion Ratio Lower Upper
63 100
65 0.0 24.1 36.1#

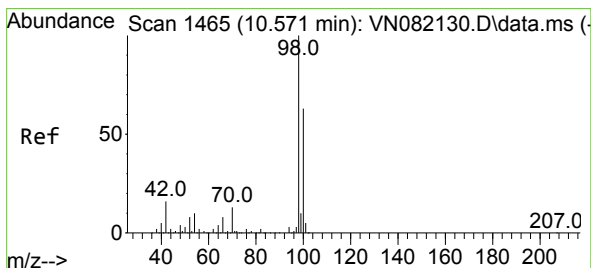
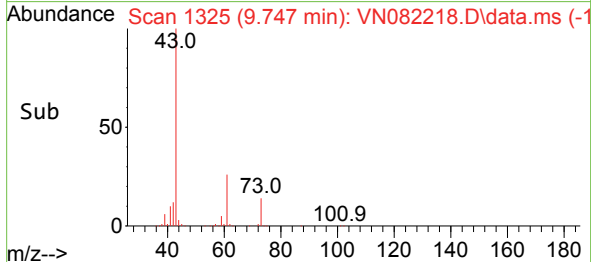
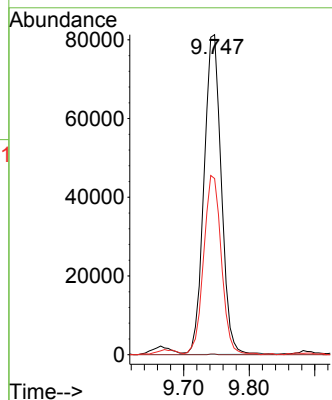
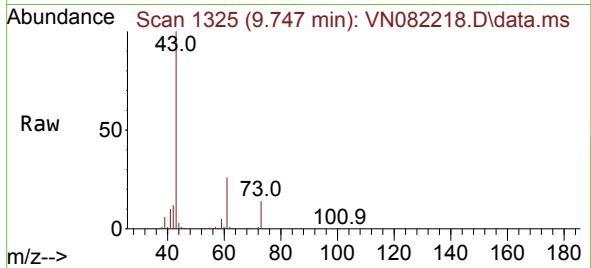




#48
Methyl methacrylate
Concen: 49.928 ug/l
RT: 9.747 min Scan# 11
Delta R.T. 0.065 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

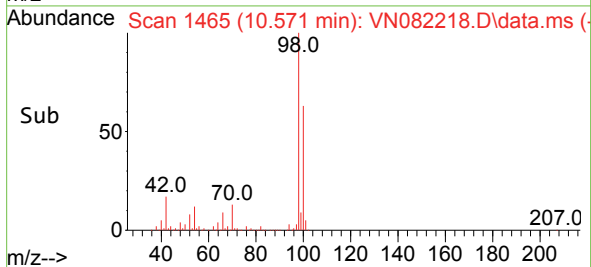
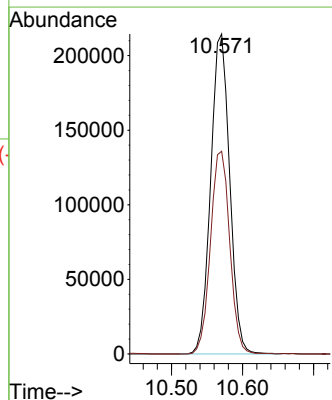
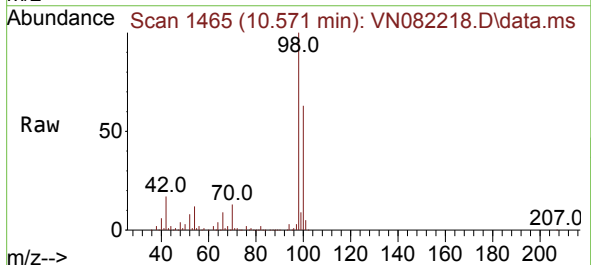
Instrument :
MSVOA_N
ClientSampleId :
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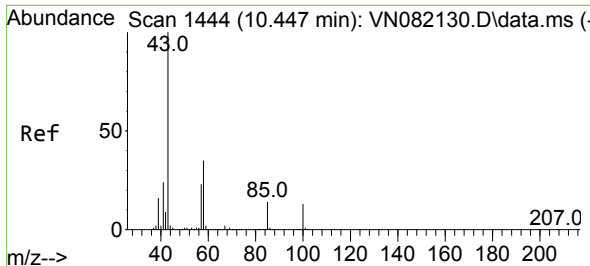
Tgt Ion: 41 Resp: 149038
Ion Ratio Lower Upper
41 100
69 0.1 77.9 116.9#
39 57.6 50.9 76.3



#50
Toluene-d8
Concen: 55.148 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

Tgt Ion: 98 Resp: 398257
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

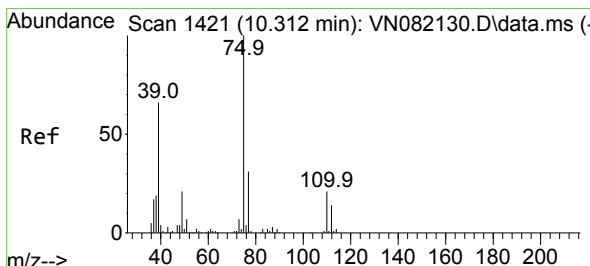
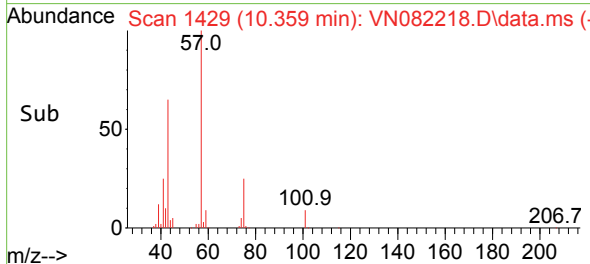
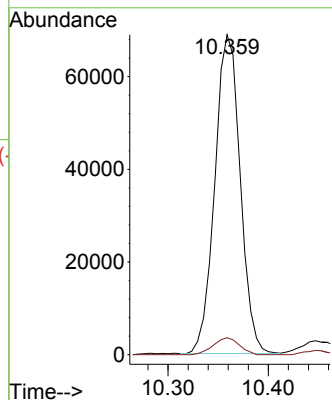
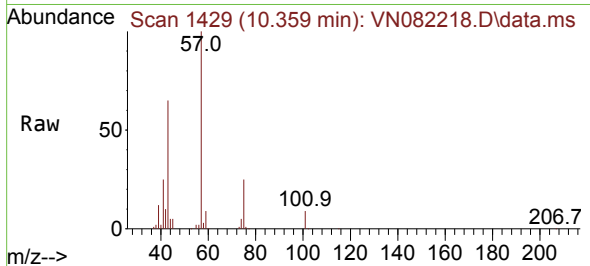




#51
4-Methyl-2-Pentanone
Concen: 33.945 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. -0.088 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

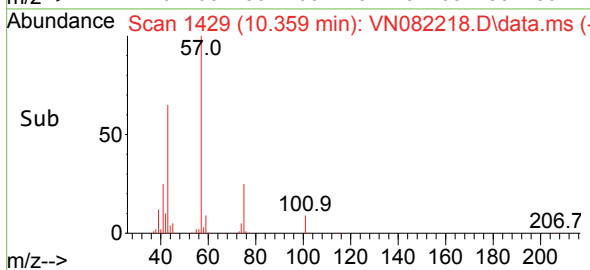
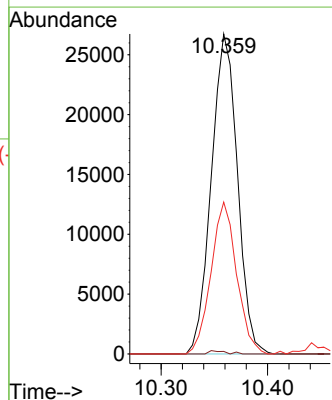
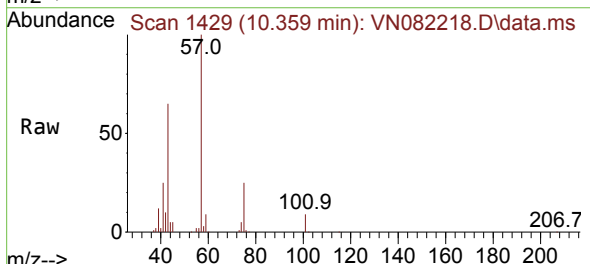
Instrument :
MSVOA_N
ClientSampleId :
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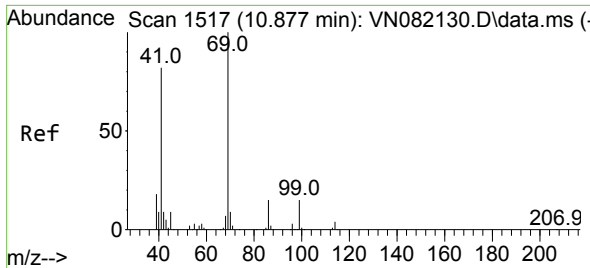
Tgt Ion: 43 Resp: 120822
Ion Ratio Lower Upper
43 100
58 5.4 33.2 49.8#



#54
cis-1,3-Dichloropropene
Concen: 12.339 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

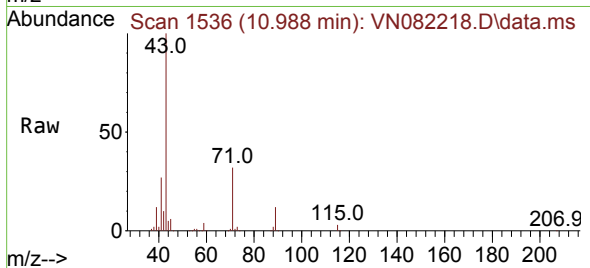
Tgt Ion: 75 Resp: 45506
Ion Ratio Lower Upper
75 100
77 0.8 25.0 37.4#
39 47.5 34.8 52.2



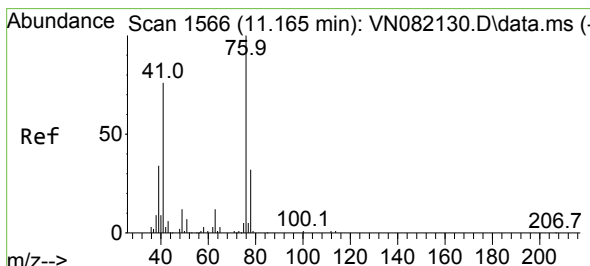
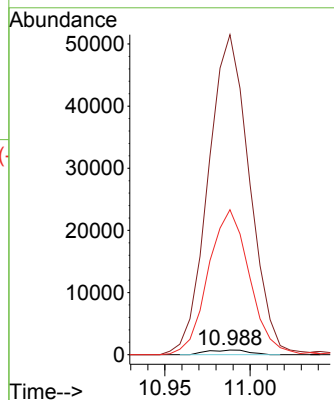
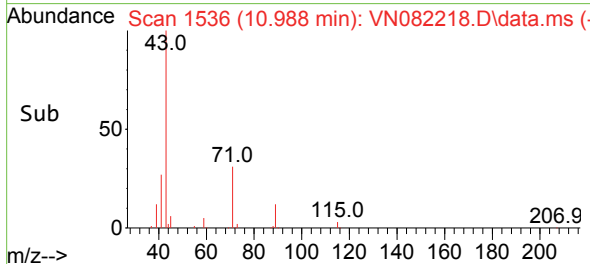


#56
Ethyl methacrylate
Concen: 0.366 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

Instrument :
MSVOA_N
ClientSampleId :
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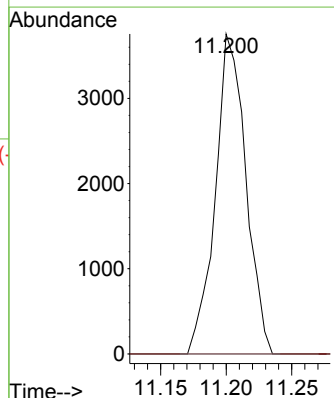
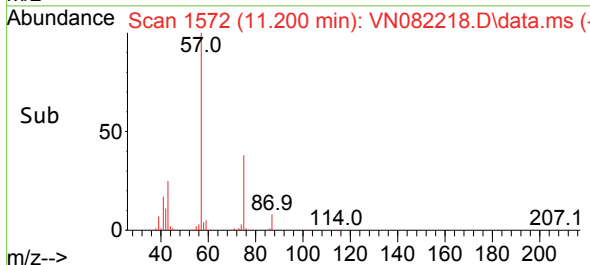
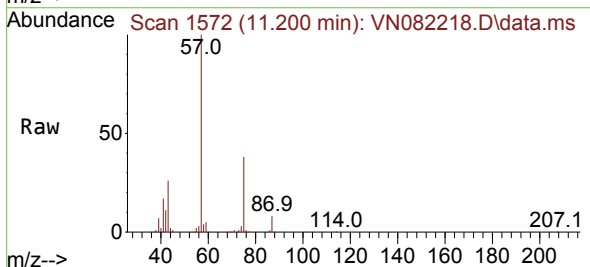


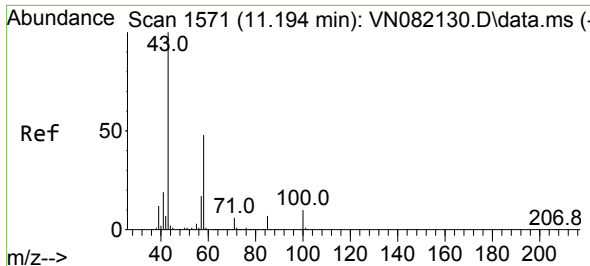
Tgt Ion: 69 Resp: 1276
Ion Ratio Lower Upper
69 100
41 6823.0 46.6 70.0#
39 3096.4 26.5 39.7#



#57
1,3-Dichloropropane
Concen: 1.582 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

Tgt Ion: 76 Resp: 6077
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

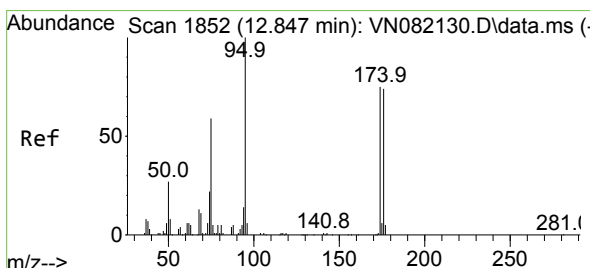
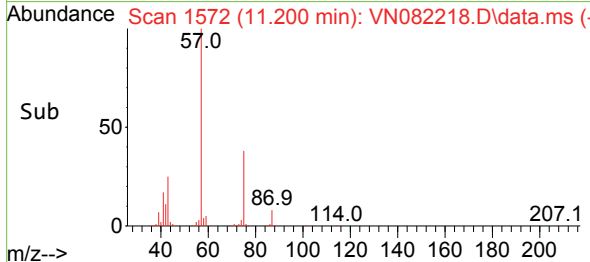
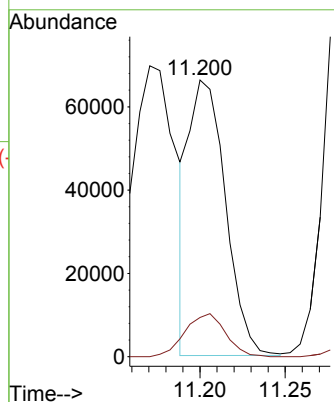
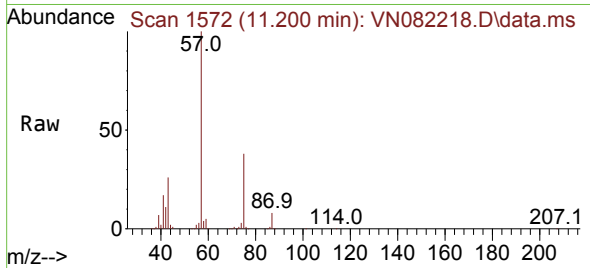




#59
2-Hexanone
Concen: 37.981 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

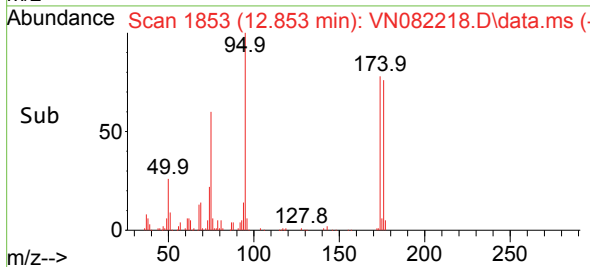
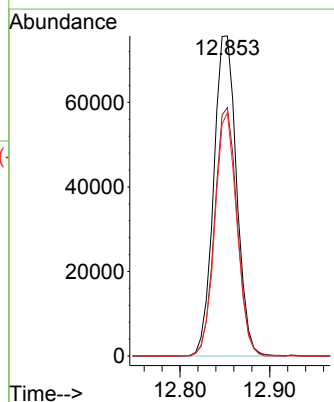
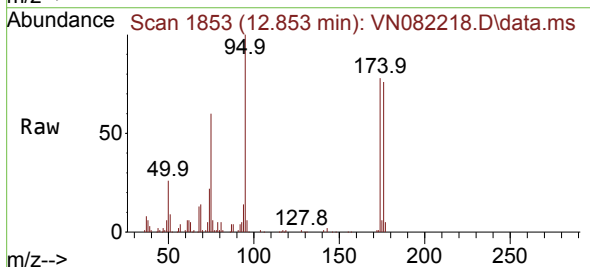
Instrument :
MSVOA_N
ClientSampleId :
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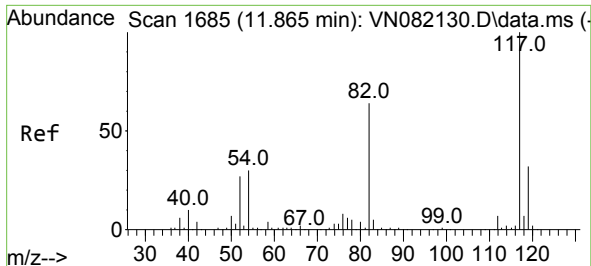
Tgt Ion: 43 Resp: 98984
Ion Ratio Lower Upper
43 100
58 17.3 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 51.995 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

Tgt Ion: 95 Resp: 134021
Ion Ratio Lower Upper
95 100
174 76.1 0.0 160.6
176 72.9 0.0 152.8

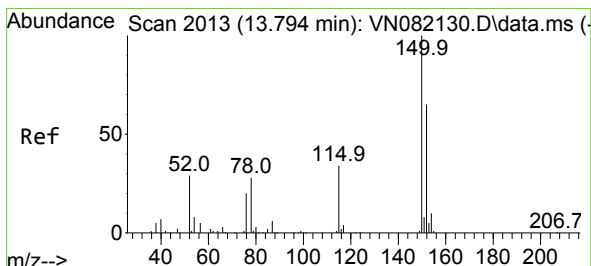
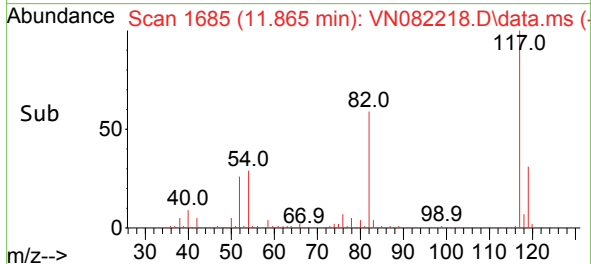
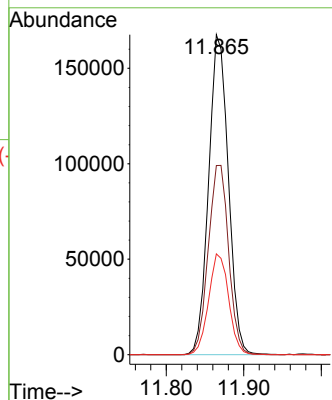
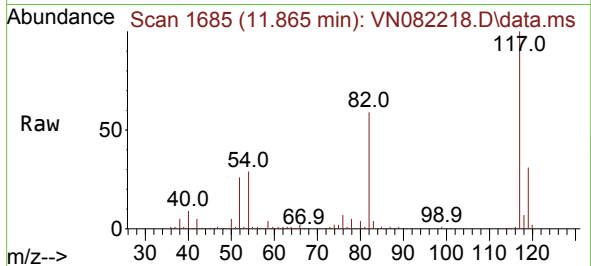




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

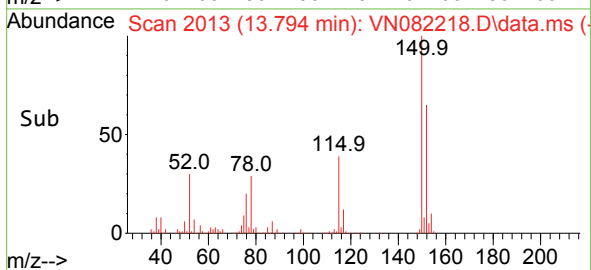
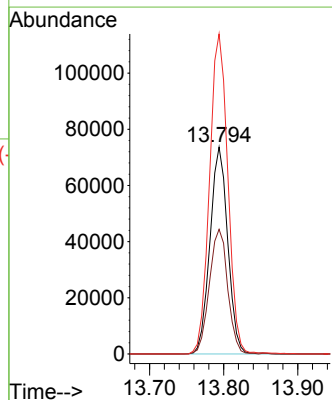
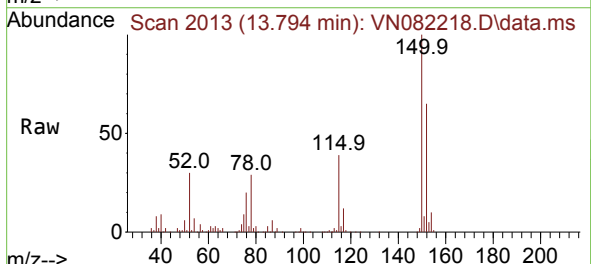
Instrument :
MSVOA_N
ClientSampleId :
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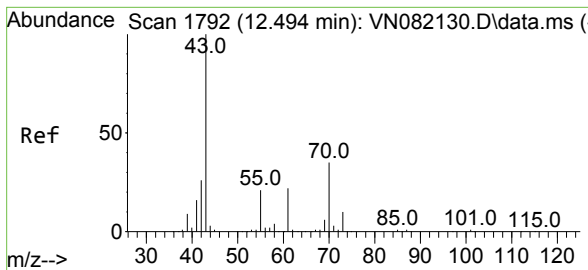
Tgt Ion:117 Resp: 296068
Ion Ratio Lower Upper
117 100
82 59.1 44.6 66.8
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

Tgt Ion:152 Resp: 122782
Ion Ratio Lower Upper
152 100
115 62.0 30.4 91.3
150 158.9 0.0 353.2

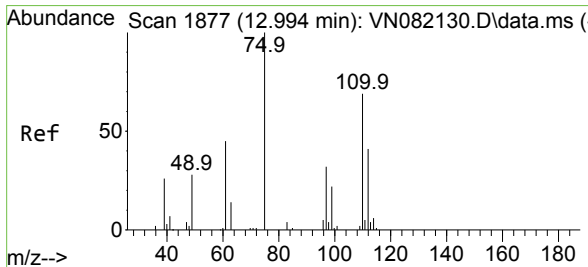
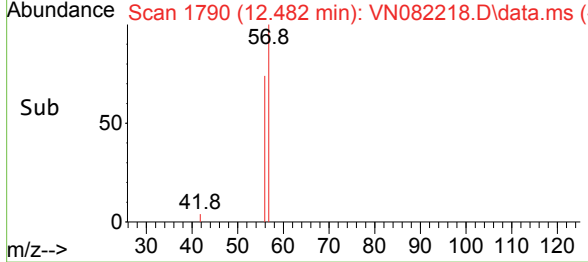
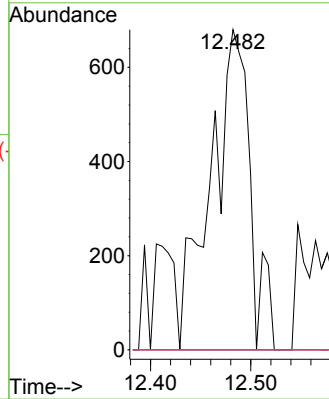
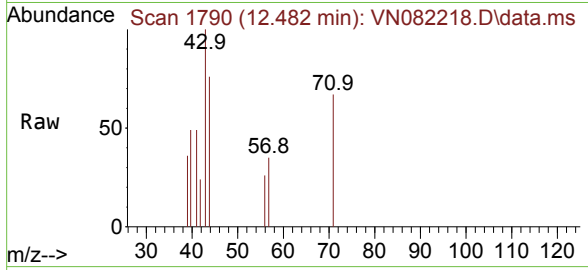




#74
N-amy1 acetate
Concen: 0.349 ug/l
RT: 12.482 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

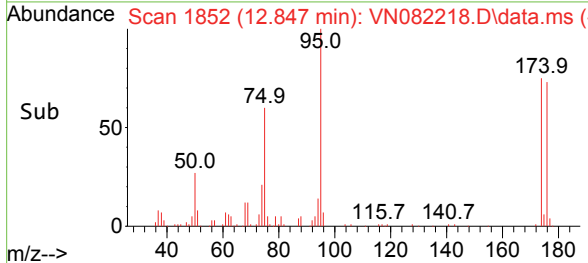
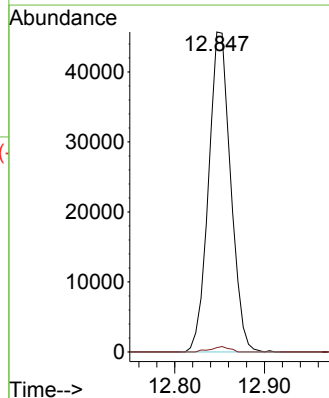
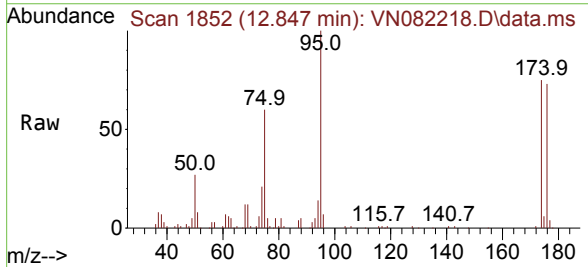
Instrument :
MSVOA_N
ClientSampleId :
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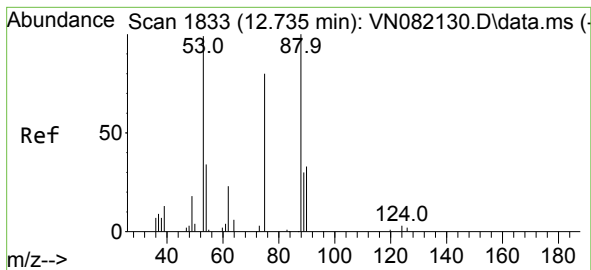
Tgt Ion: 43	Resp:	1871
Ion	Ratio	Lower Upper
43	100	
70	0.0	39.0 58.4#
55	0.0	21.3 31.9#
61	0.0	20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 30.217 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082218.D
Acq: 20 May 2024 18:35

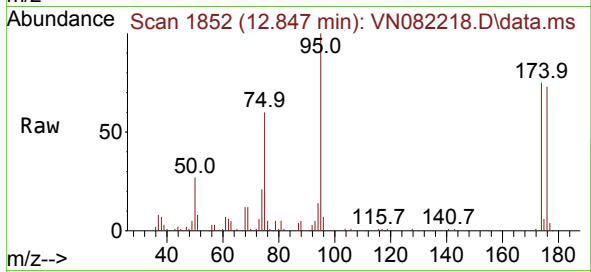
Tgt Ion: 75	Resp:	78089
Ion	Ratio	Lower Upper
75	100	
77	1.4	90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.677 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082218.D
 Acq: 20 May 2024 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-17



Tgt Ion: 75 Resp: 78089
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

