

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082215.D
 Acq On : 20 May 2024 17:23
 Operator : JC\MD
 Sample : P2513-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-14

Quant Time: May 21 03:50:48 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

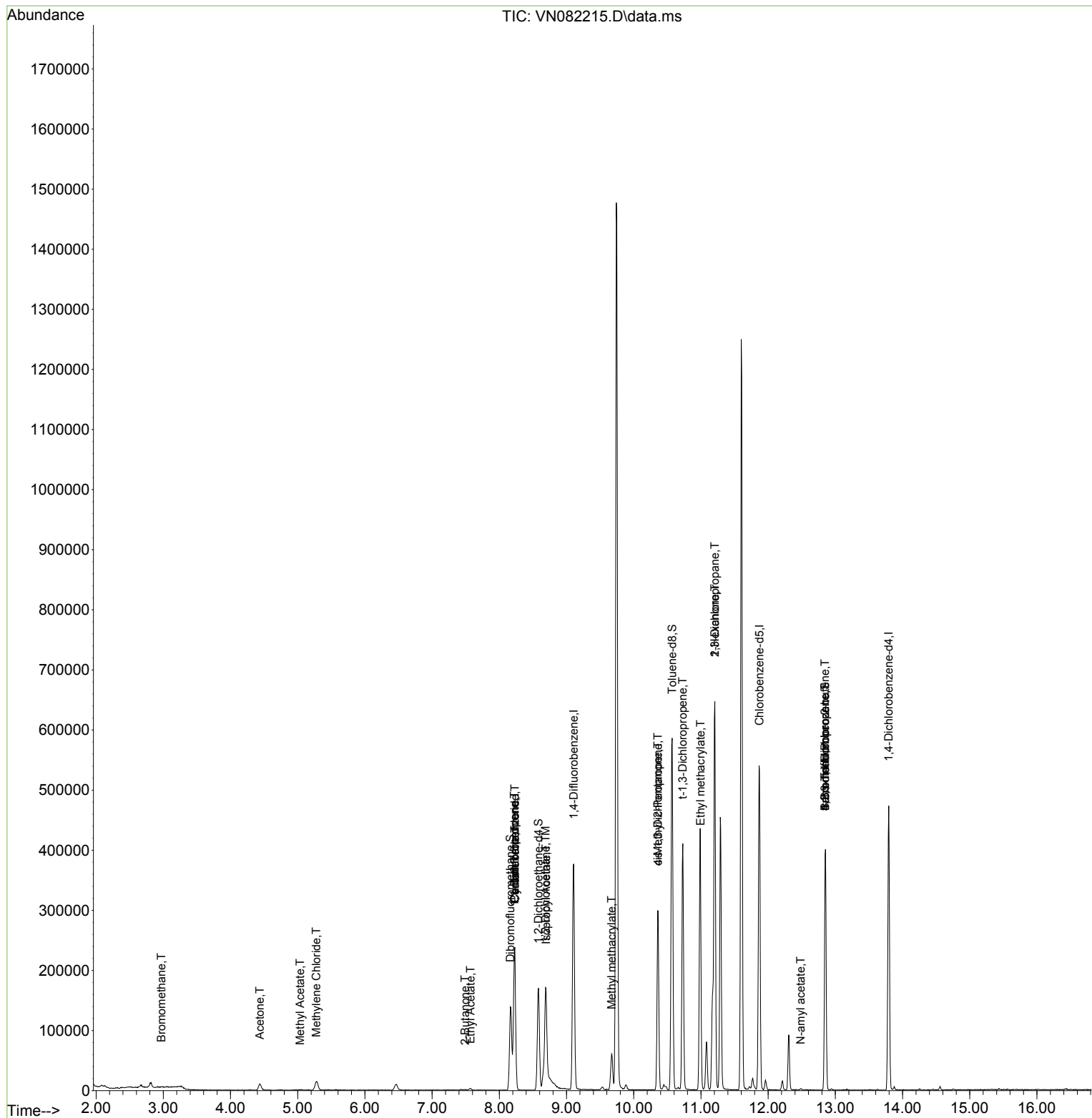
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	164014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	297953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	286427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	140558	54.273	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.540%	
35) Dibromofluoromethane	8.165	113	98184	53.568	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.140%	
50) Toluene-d8	10.571	98	388952	55.350	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.700%	
62) 4-Bromofluorobenzene	12.847	95	128245	51.132	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.260%	
Target Compounds						Qvalue
5) Bromomethane	2.971	94	457	0.316	ug/l #	74
16) Acetone	4.436	43	20580	19.371	ug/l	94
18) Methyl Acetate	5.036	43	2286	0.864	ug/l #	47
20) Methylene Chloride	5.277	84	10719	5.001	ug/l #	79
25) 2-Butanone	7.489	43	2221	1.379	ug/l #	88
31) Cyclohexane	8.230	56	5159	1.247	ug/l #	56
36) 1,1-Dichloropropene	8.224	75	15055	4.898	ug/l #	49
37) Ethyl Acetate	7.571	43	4585	1.333	ug/l #	80
38) Carbon Tetrachloride	8.230	117	18257	5.859	ug/l #	16
42) 1,2-Dichloroethane	8.689	62	980	0.278	ug/l #	73
43) Isopropyl Acetate	8.694	43	257003	42.161	ug/l #	72
48) Methyl methacrylate	9.671	41	4541	1.563	ug/l #	40
51) 4-Methyl-2-Pentanone	10.359	43	123381	35.624	ug/l #	43
53) t-1,3-Dichloropropene	10.730	75	831	0.245	ug/l #	86
54) cis-1,3-Dichloropropene	10.359	75	46770	13.033	ug/l #	74
56) Ethyl methacrylate	10.994	69	1399	0.412	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	6260	1.675	ug/l #	42
59) 2-Hexanone	11.206	43	79742	31.445	ug/l #	52
71) Bromoform	12.847	173	531	1.017	ug/l #	1
74) N-amyl acetate	12.482	43	1224	0.236	ug/l #	39
76) 1,2,3-Trichloropropane	12.847	75	76787	30.784	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76787	72.003	ug/l #	12

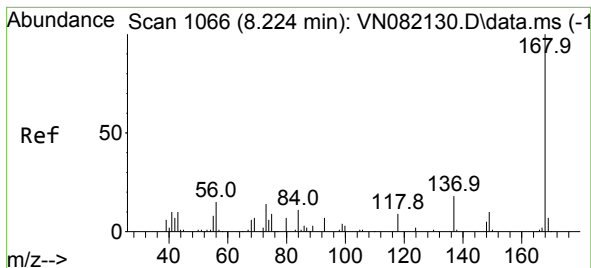
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-14

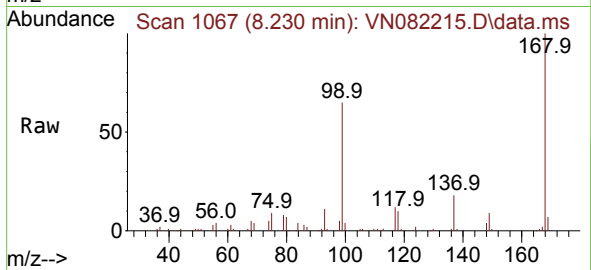
Quant Time: May 21 03:50:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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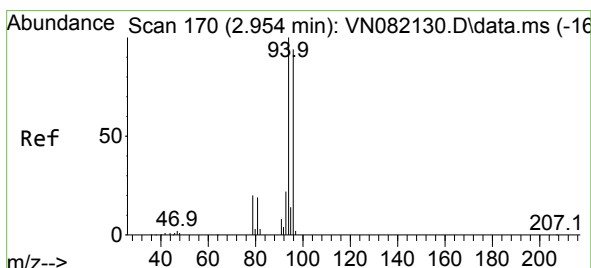
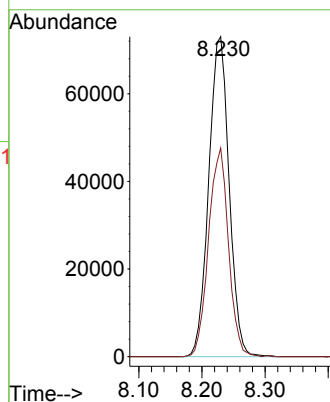
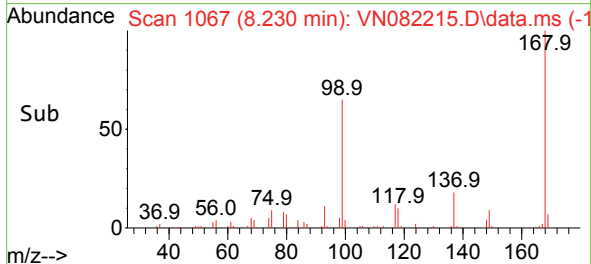


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :
TP-14

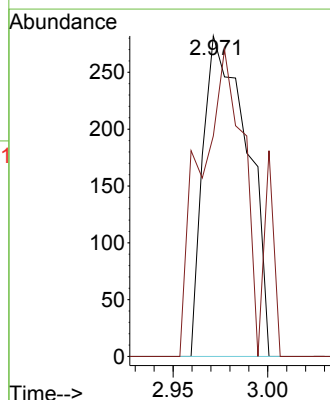
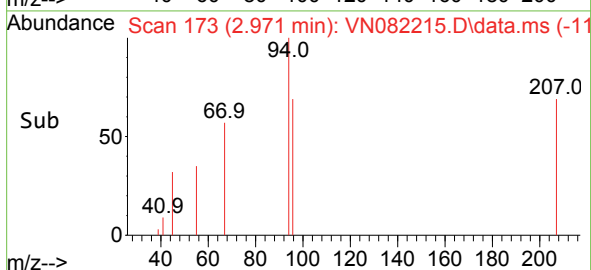
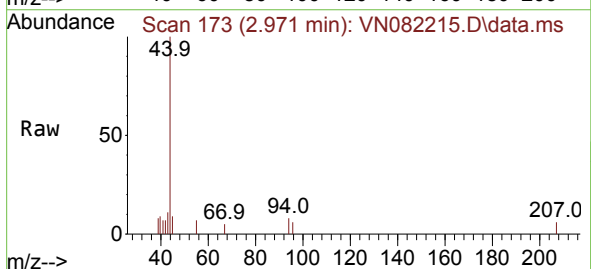


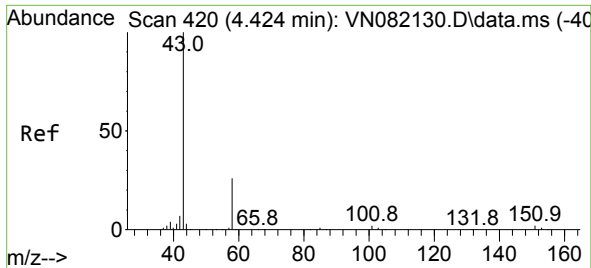
Tgt Ion:168 Resp: 164014
Ion Ratio Lower Upper
168 100
99 65.2 48.2 72.4



#5
Bromomethane
Concen: 0.316 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

Tgt Ion: 94 Resp: 457
Ion Ratio Lower Upper
94 100
96 68.8 74.8 112.2#

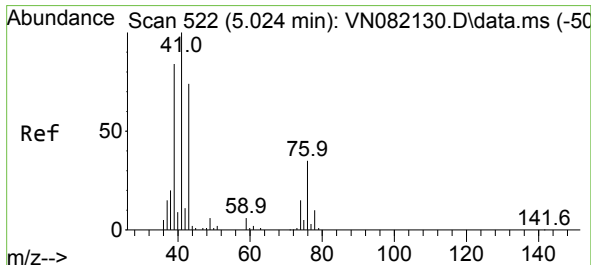
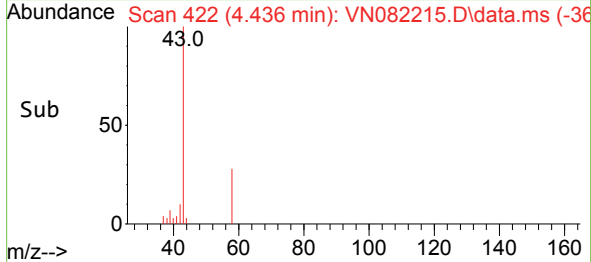
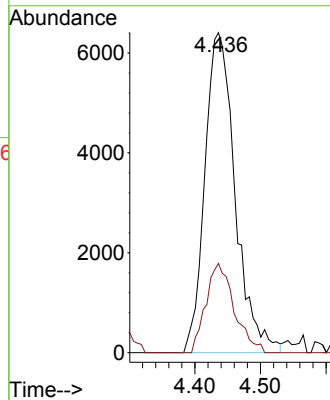
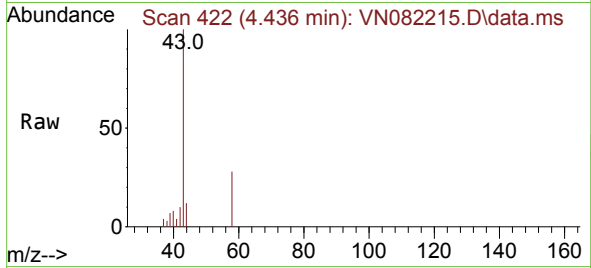




#16
Acetone
Concen: 19.371 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

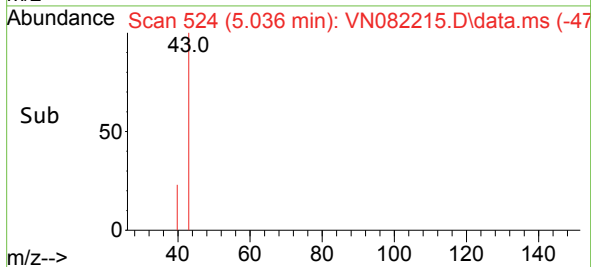
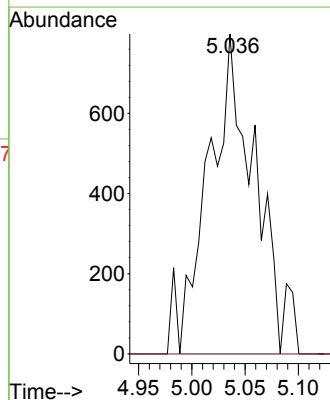
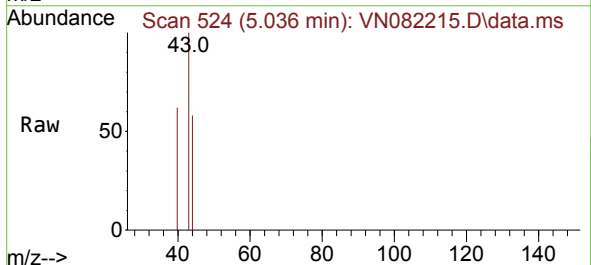
Instrument :
MSVOA_N
ClientSampleId :
TP-14

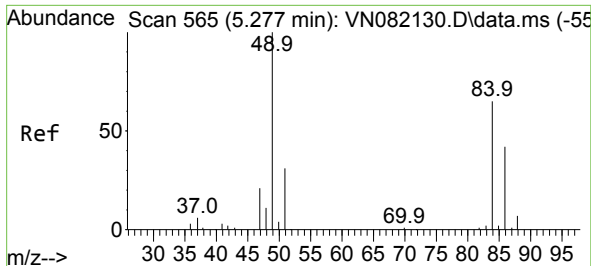
Tgt Ion: 43 Resp: 20580
Ion Ratio Lower Upper
43 100
58 27.9 25.2 37.8



#18
Methyl Acetate
Concen: 0.864 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

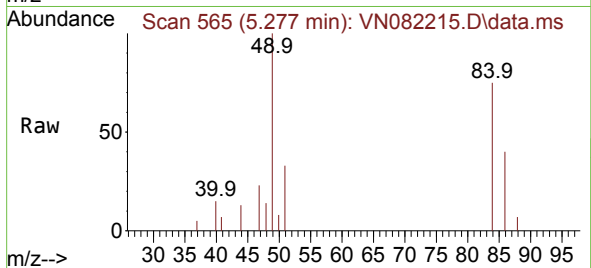
Tgt Ion: 43 Resp: 2286
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



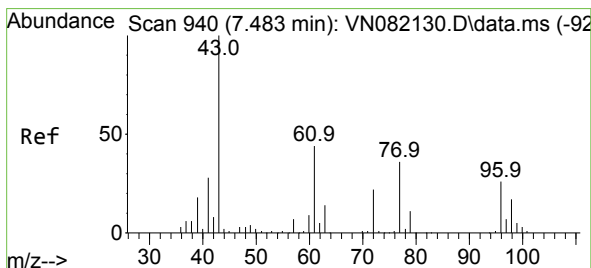
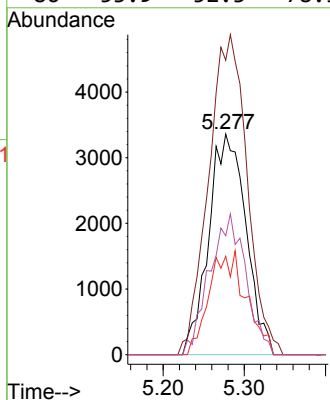


#20
Methylene Chloride
Concen: 5.001 ug/l
RT: 5.277 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :
TP-14

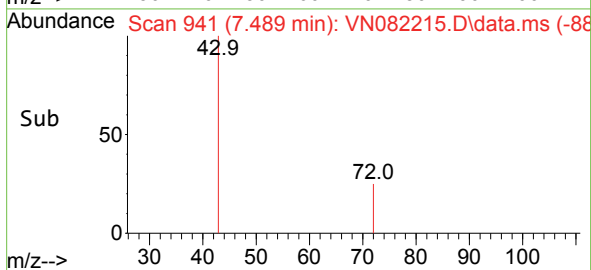
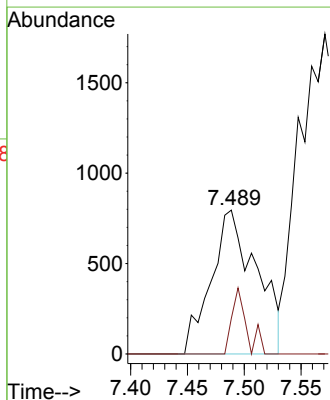
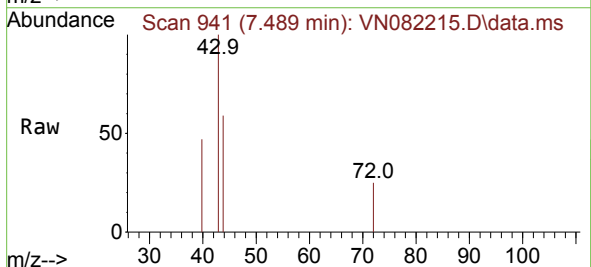


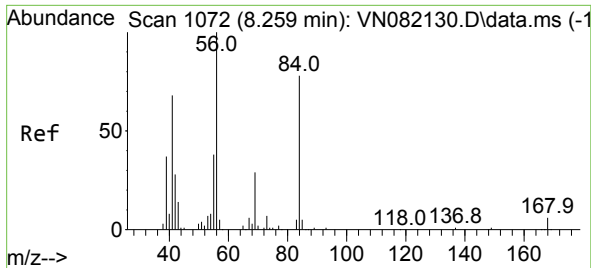
Tgt Ion:	84	Resp:	10719
Ion	Ratio	Lower	Upper
84	100		
49	133.4	84.9	127.3#
51	44.6	27.0	40.6#
86	53.9	52.3	78.5



#25
2-Butanone
Concen: 1.379 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

Tgt Ion:	43	Resp:	2221
Ion	Ratio	Lower	Upper
43	100		
72	24.7	25.3	37.9#

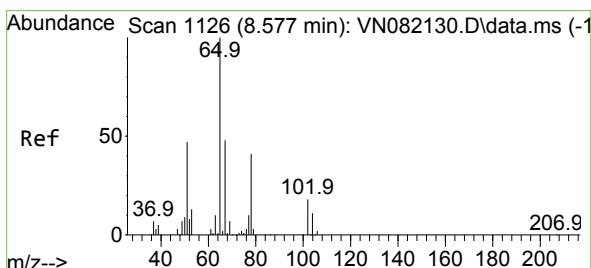
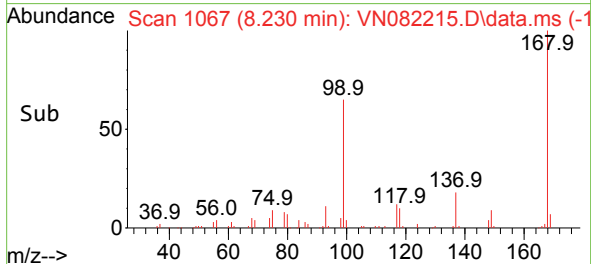
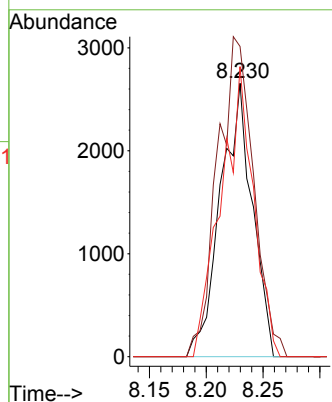
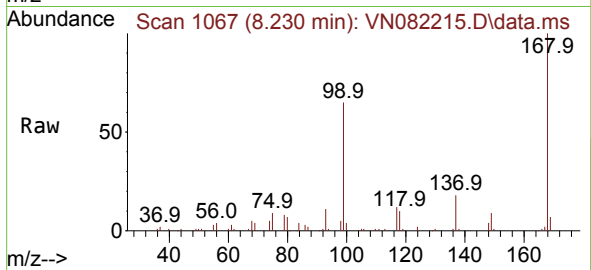




#31
Cyclohexane
Concen: 1.247 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

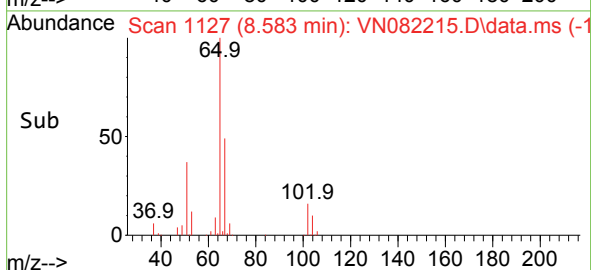
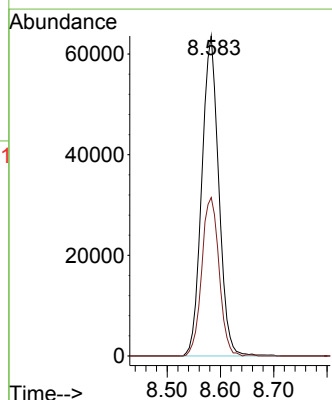
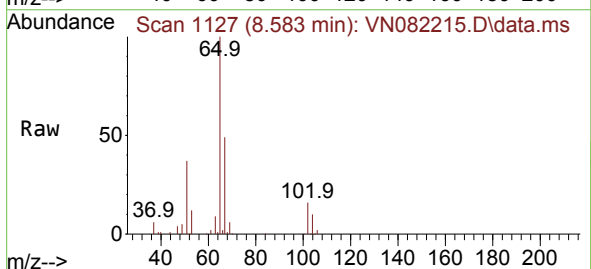
Instrument :
MSVOA_N
ClientSampleId :
TP-14

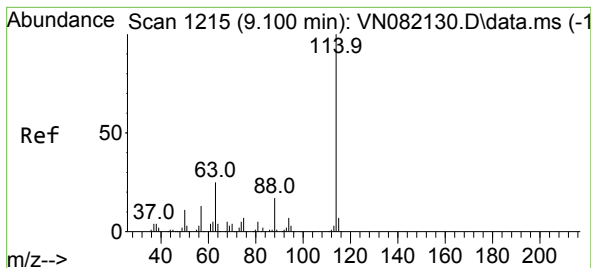
Tgt Ion: 56 Resp: 5159
Ion Ratio Lower Upper
56 100
69 113.5 24.4 36.6#
84 106.1 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 54.273 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

Tgt Ion: 65 Resp: 140558
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082215.D

Acq: 20 May 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

TP-14

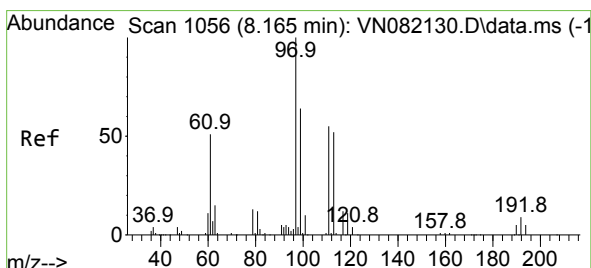
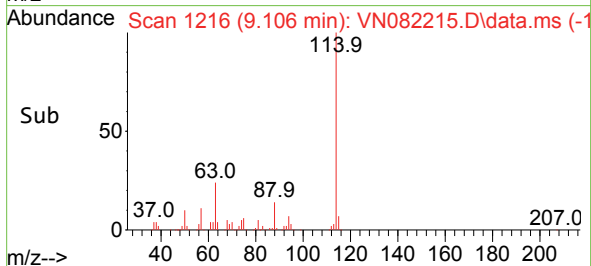
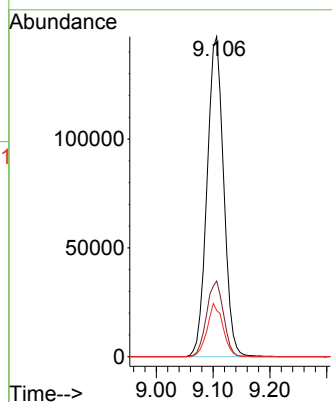
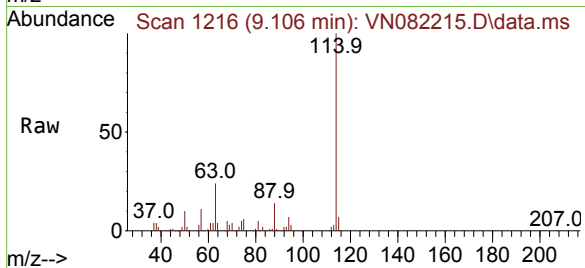
Tgt Ion:114 Resp: 297953

Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 14.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.568 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082215.D

Acq: 20 May 2024 17:23

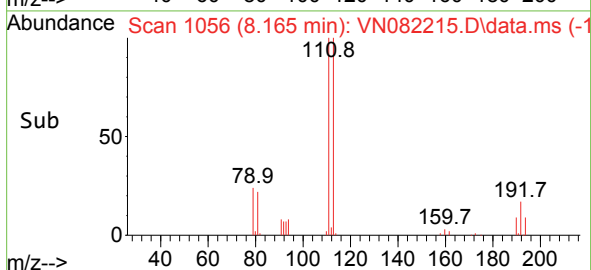
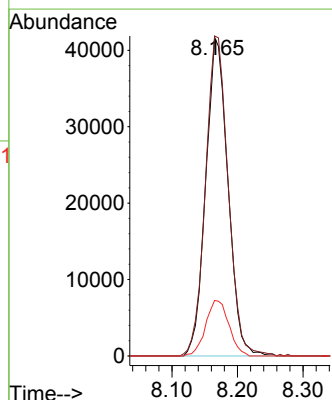
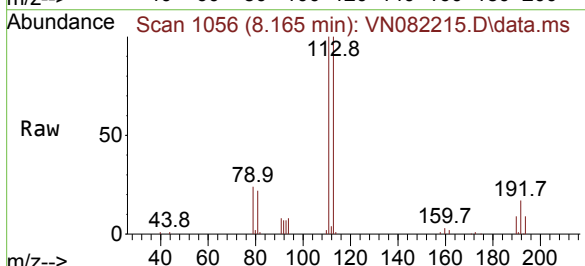
Tgt Ion:113 Resp: 98184

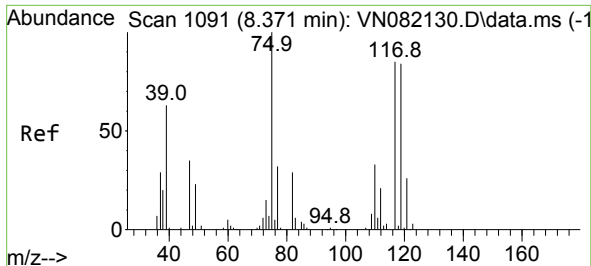
Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

192 18.2 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.898 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082215.D

Acq: 20 May 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

TP-14

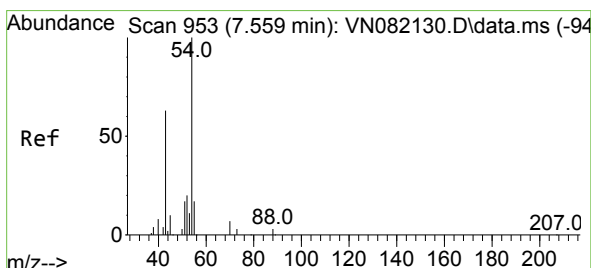
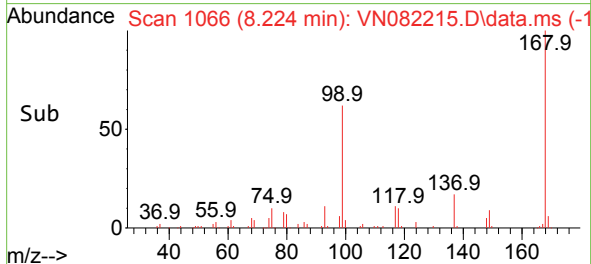
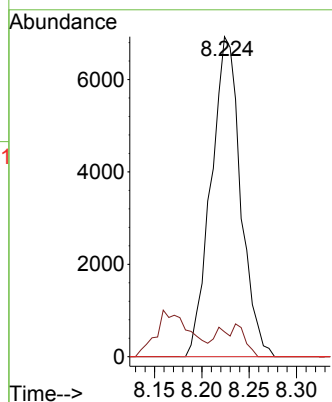
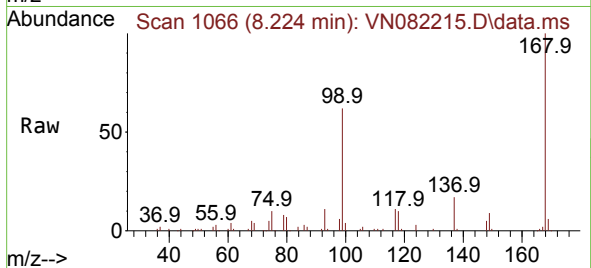
Tgt Ion: 75 Resp: 15055

Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.5#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.333 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.012 min

Lab File: VN082215.D

Acq: 20 May 2024 17:23

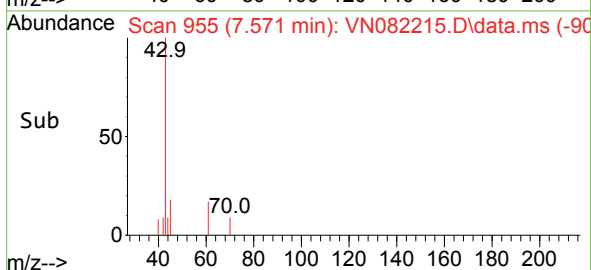
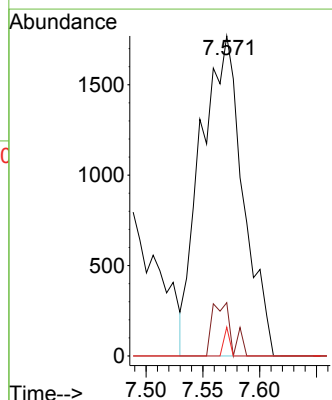
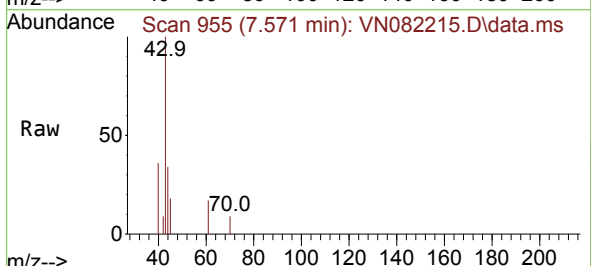
Tgt Ion: 43 Resp: 4585

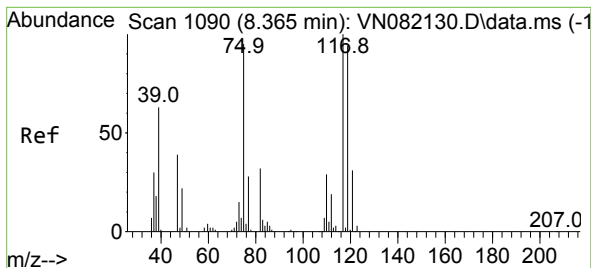
Ion Ratio Lower Upper

43 100

61 7.6 11.3 16.9#

70 1.2 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.859 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.135 min

Lab File: VN082215.D

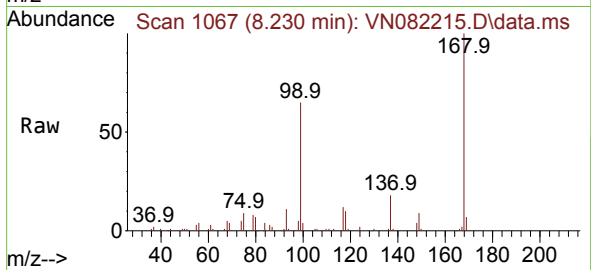
Acq: 20 May 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

TP-14



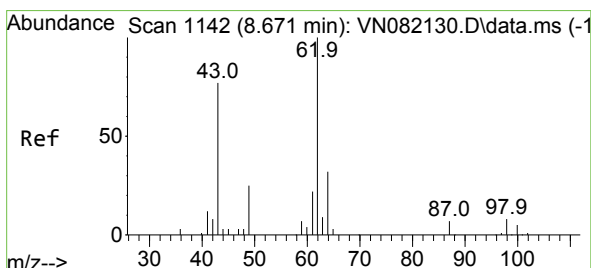
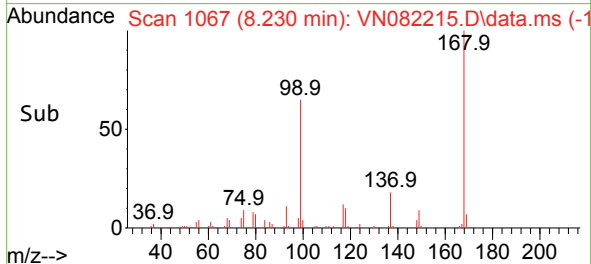
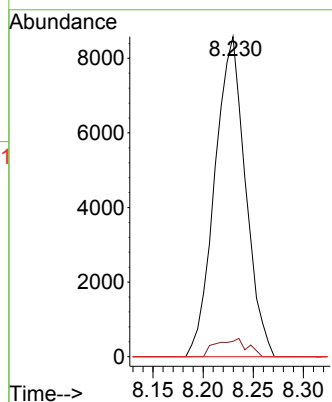
Tgt Ion:117 Resp: 18257

Ion Ratio Lower Upper

117 100

119 4.8 76.5 114.7#

121 0.0 23.9 35.9#



#42

1,2-Dichloroethane

Concen: 0.278 ug/l

RT: 8.689 min Scan# 1145

Delta R.T. 0.018 min

Lab File: VN082215.D

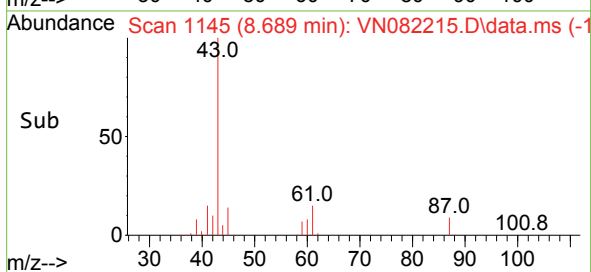
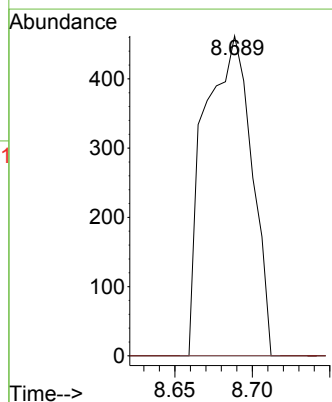
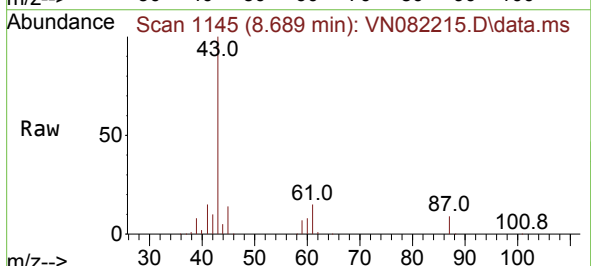
Acq: 20 May 2024 17:23

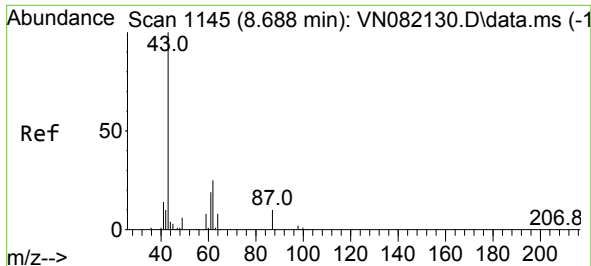
Tgt Ion: 62 Resp: 980

Ion Ratio Lower Upper

62 100

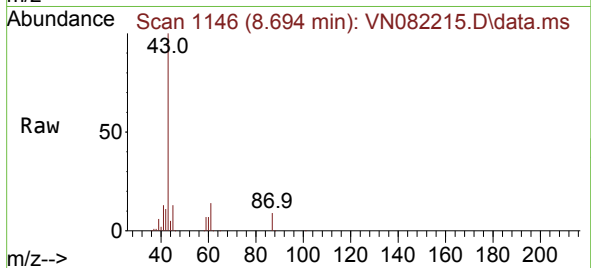
98 0.0 0.0 19.6



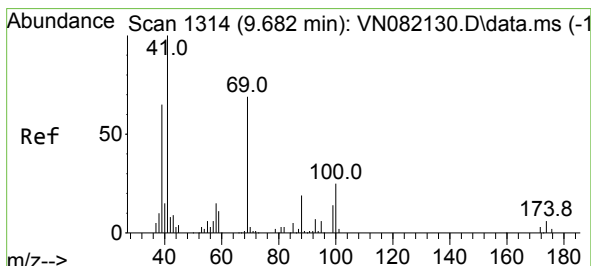
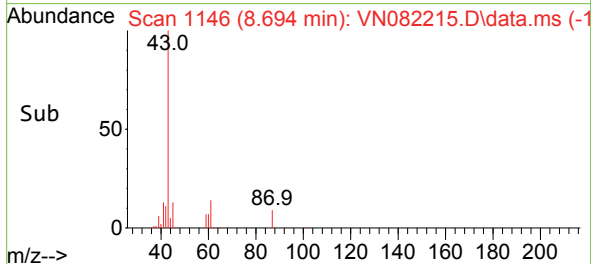
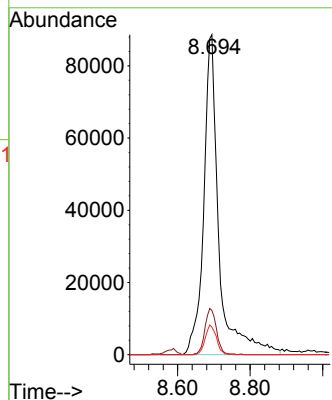


#43
Isopropyl Acetate
Concen: 42.161 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

Instrument :
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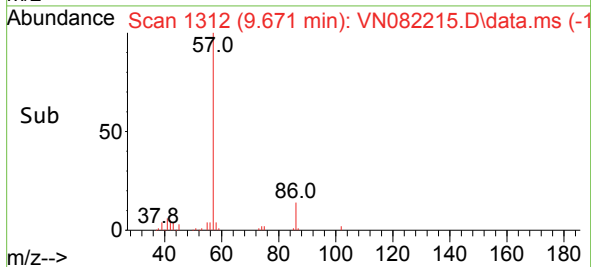
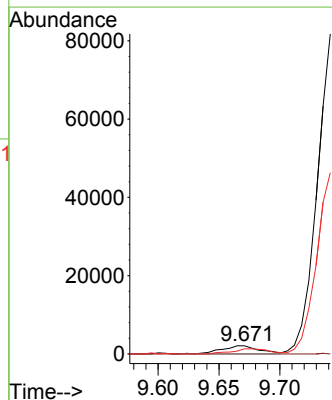
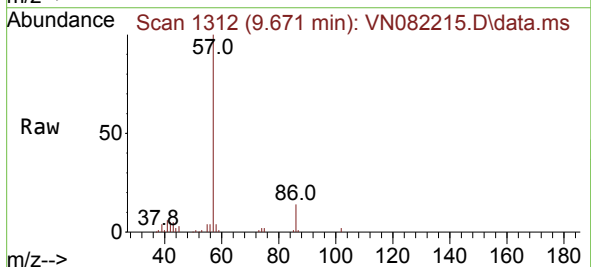


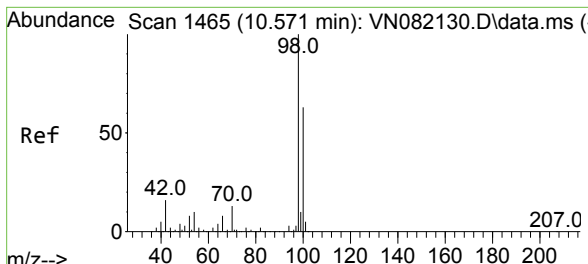
Tgt Ion: 43 Resp: 257003
Ion Ratio Lower Upper
43 100
61 11.1 22.8 34.2#
87 6.8 12.0 18.0#



#48
Methyl methacrylate
Concen: 1.563 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.012 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

Tgt Ion: 41 Resp: 4541
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 62.5 50.9 76.3

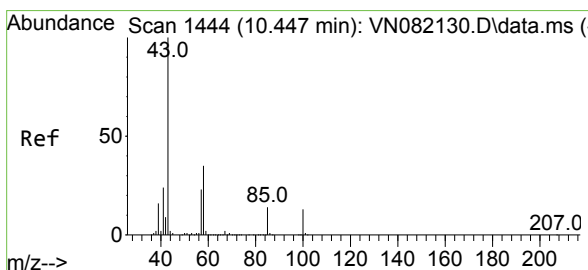
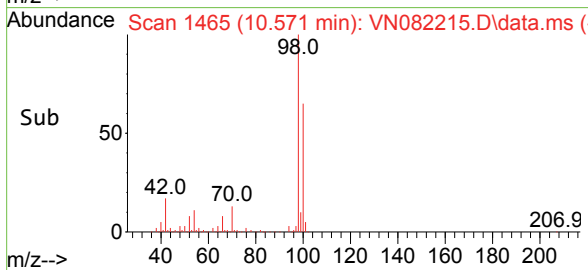
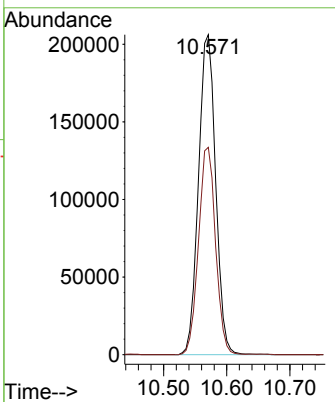
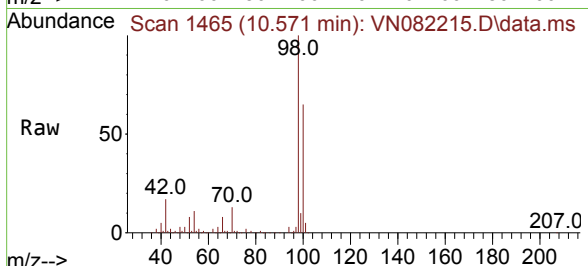




#50
Toluene-d8
Concen: 55.350 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

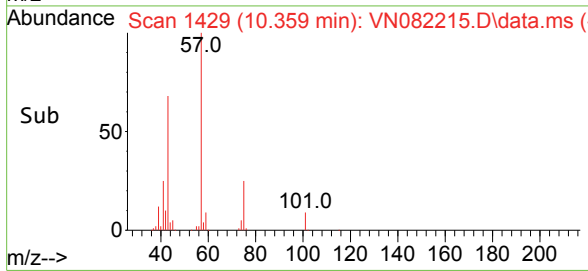
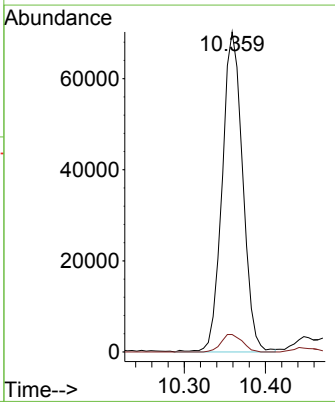
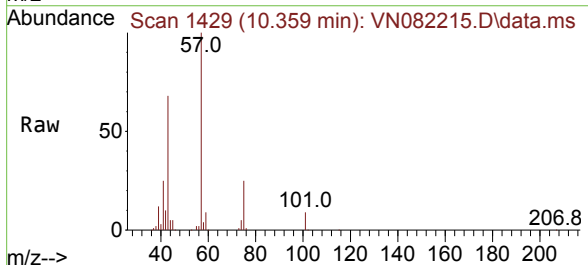
Instrument :
MSVOA_N
ClientSampleId :
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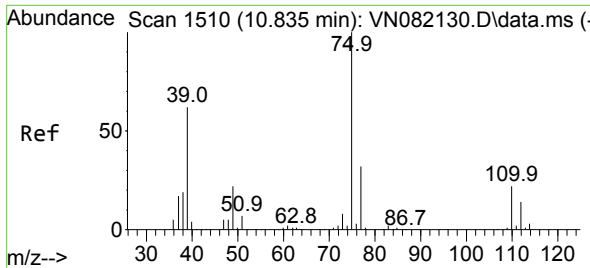
Tgt Ion: 98 Resp: 388952
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 35.624 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. -0.088 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

Tgt Ion: 43 Resp: 123381
Ion Ratio Lower Upper
43 100
58 5.6 33.2 49.8#

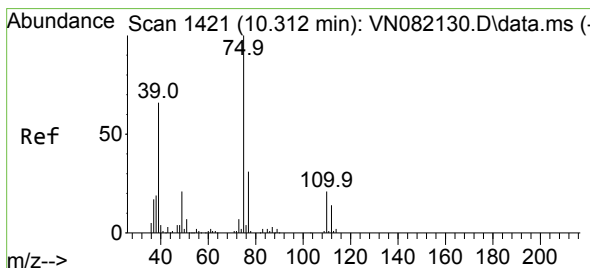
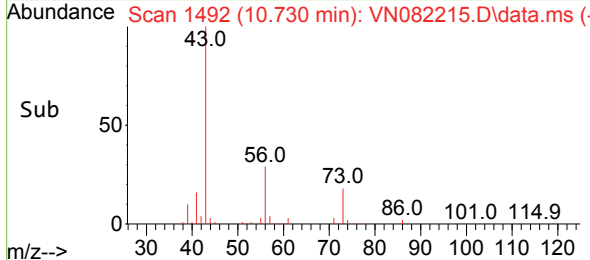
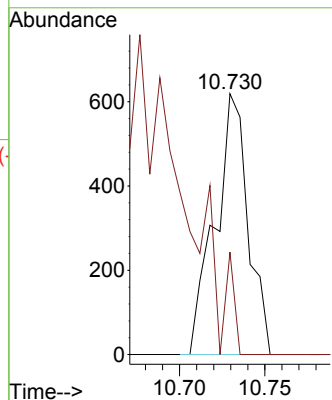
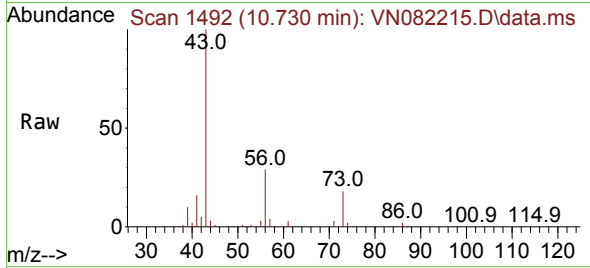




#53
 t-1,3-Dichloropropene
 Concen: 0.245 ug/l
 RT: 10.730 min Scan# 1492
 Delta R.T. -0.106 min
 Lab File: VN082215.D
 Acq: 20 May 2024 17:23

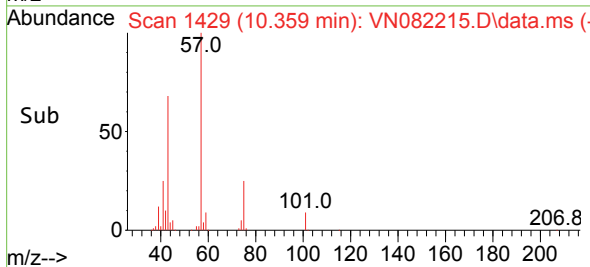
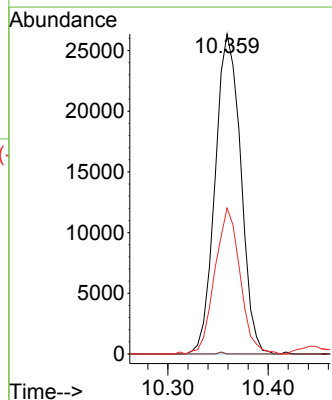
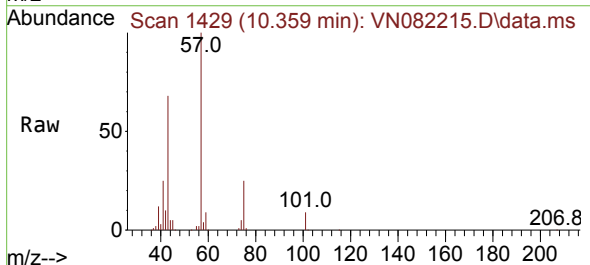
Instrument :
 MSVOA_N
 ClientSampleId :
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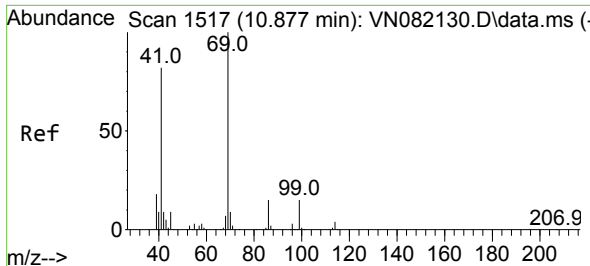
Tgt Ion: 75 Resp: 831
 Ion Ratio Lower Upper
 75 100
 77 39.3 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 13.033 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN082215.D
 Acq: 20 May 2024 17:23

Tgt Ion: 75 Resp: 46770
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#
 39 45.6 34.8 52.2





#56
Ethyl methacrylate
Concen: 0.412 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.118 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

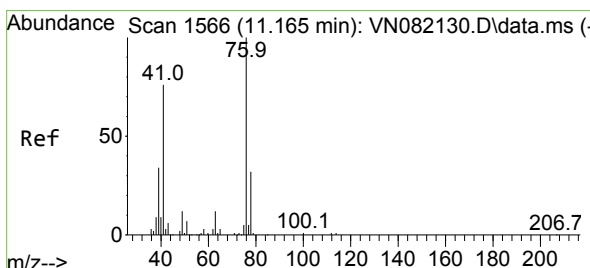
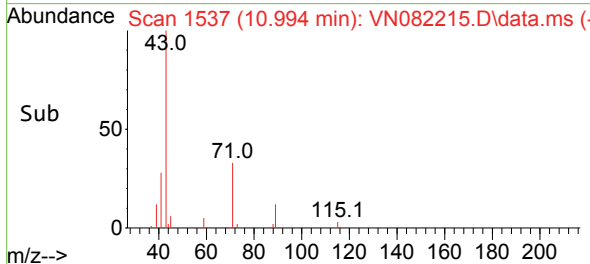
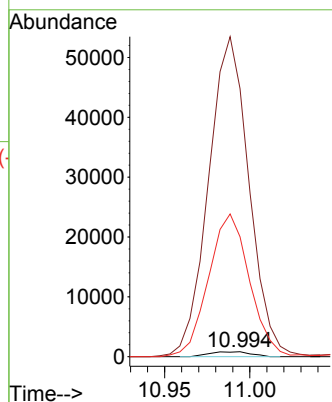
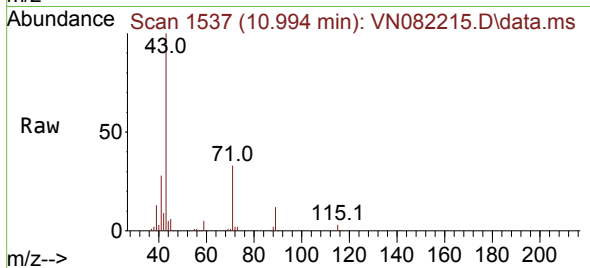
Instrument :

MSVOA_N

ClientSampleId :

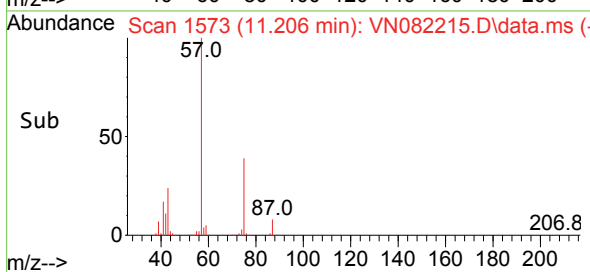
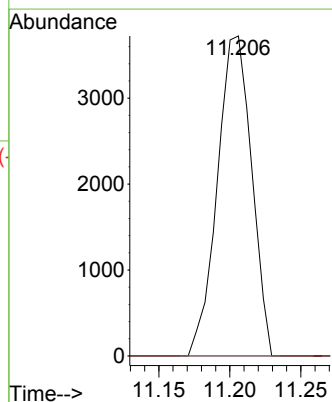
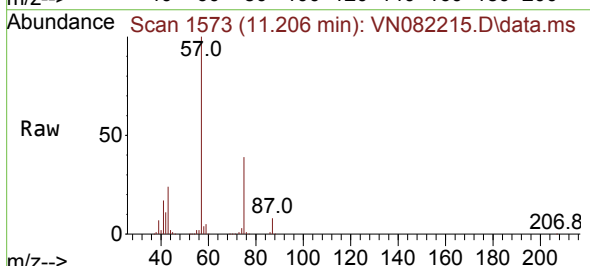
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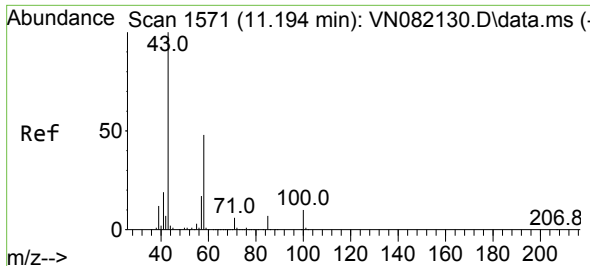
Tgt Ion: 69 Resp: 1399
Ion Ratio Lower Upper
69 100
41 6337.1 46.6 70.0#
39 2859.7 26.5 39.7#



#57
1,3-Dichloropropane
Concen: 1.675 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

Tgt Ion: 76 Resp: 6260
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

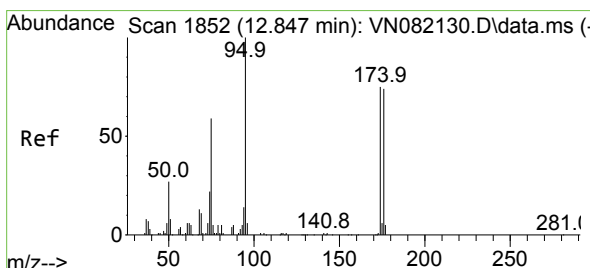
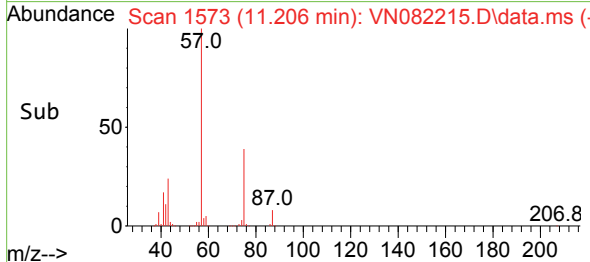
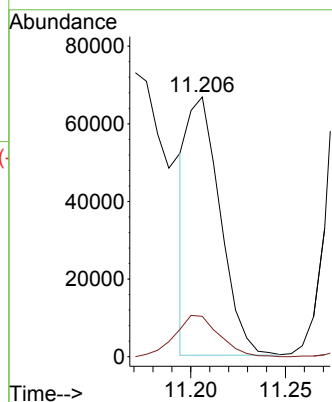
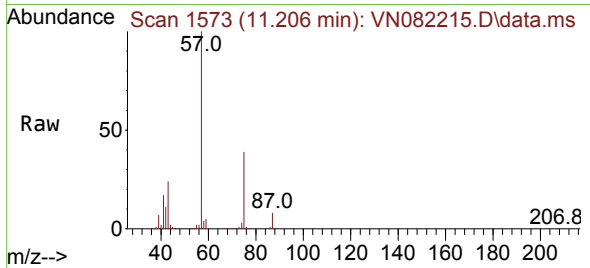




#59
2-Hexanone
Concen: 31.445 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

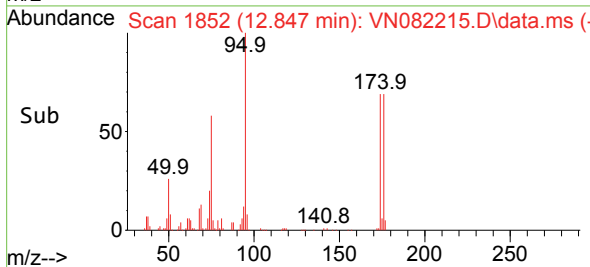
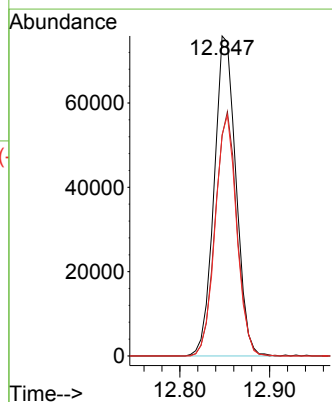
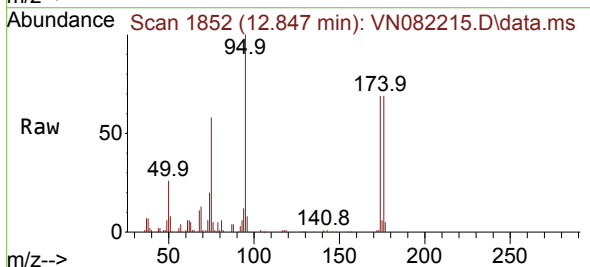
Instrument :
MSVOA_N
ClientSampleId :
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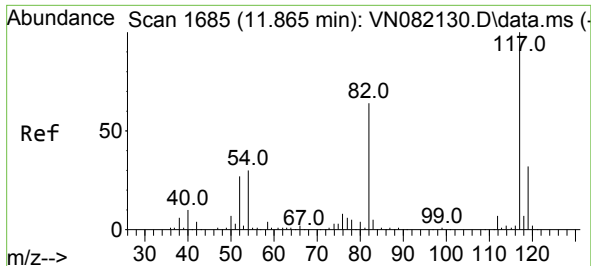
Tgt Ion: 43 Resp: 79742
Ion Ratio Lower Upper
43 100
58 21.7 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 51.132 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

Tgt Ion: 95 Resp: 128245
Ion Ratio Lower Upper
95 100
174 75.6 0.0 160.6
176 73.8 0.0 152.8

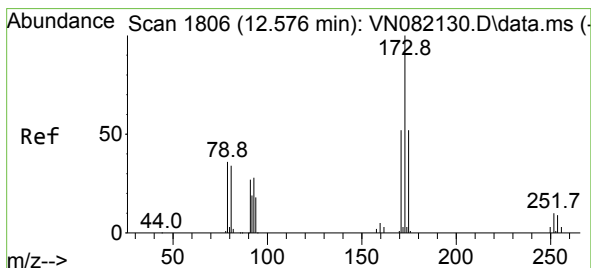
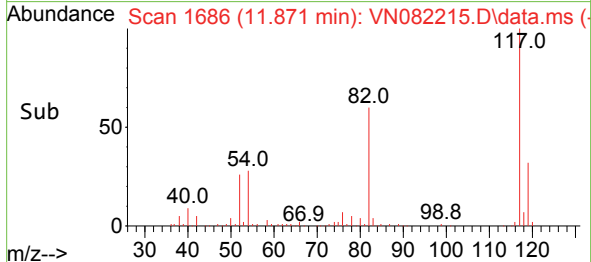
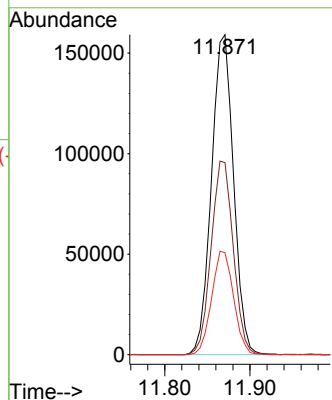
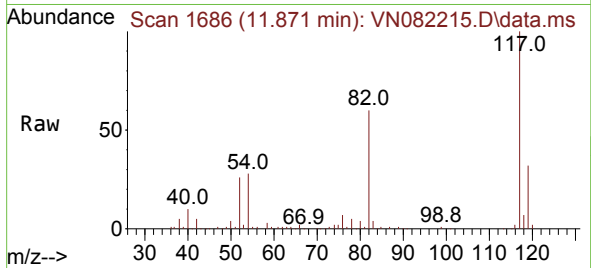




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

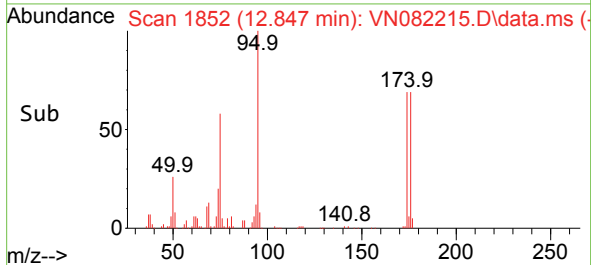
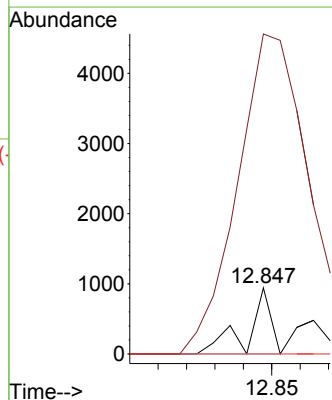
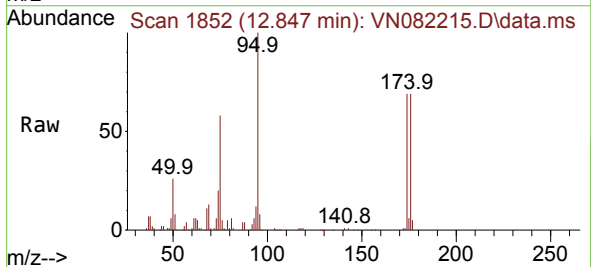
Instrument :
MSVOA_N
ClientSampleId :
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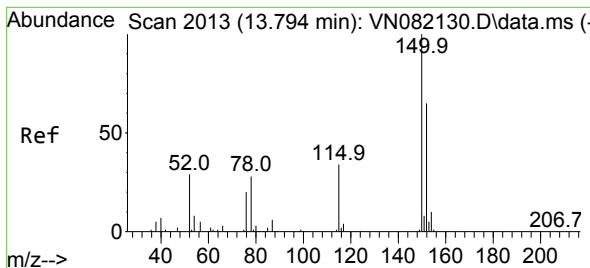
Tgt Ion:117 Resp: 286427
Ion Ratio Lower Upper
117 100
82 60.0 44.6 66.8
119 31.8 25.9 38.9



#71
Bromoform
Concen: 1.017 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

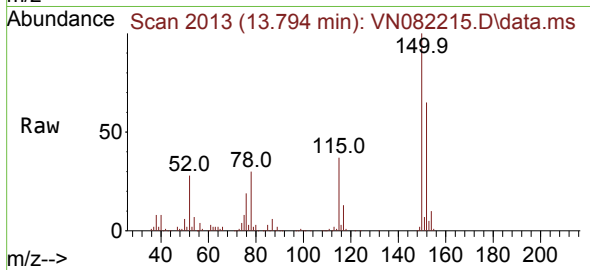
Tgt Ion:173 Resp: 531
Ion Ratio Lower Upper
173 100
175 1009.4 24.6 74.0#
254 0.0 0.0 0.0



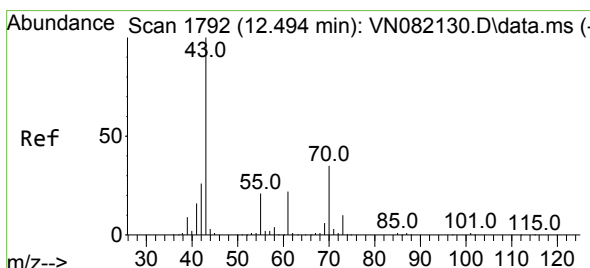
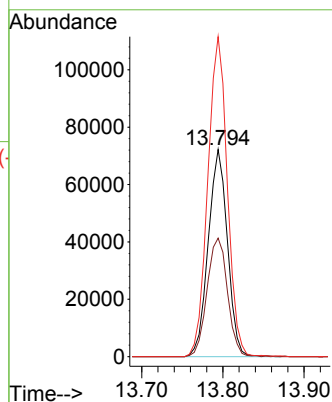
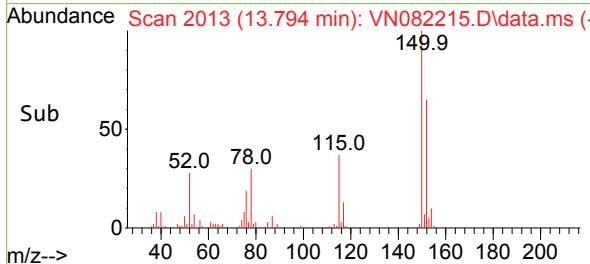


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :
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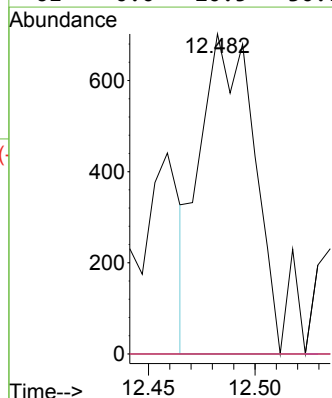
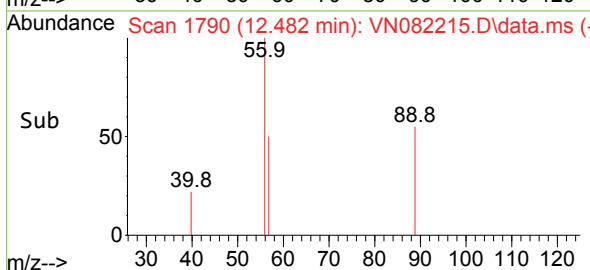
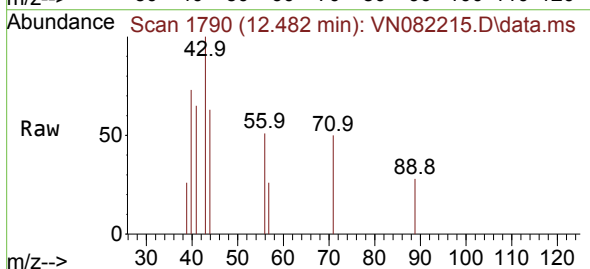


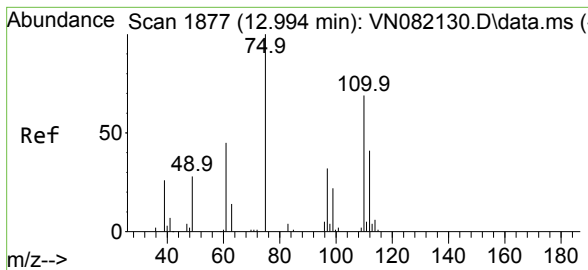
Tgt Ion:152 Resp: 118510
Ion Ratio Lower Upper
152 100
115 61.0 30.4 91.3
150 157.1 0.0 353.2



#74
N-ethyl acetate
Concen: 0.236 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.012 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

Tgt Ion: 43 Resp: 1224
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#

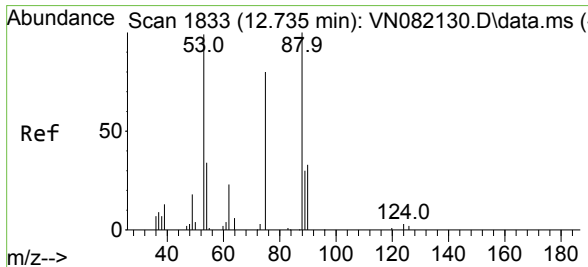
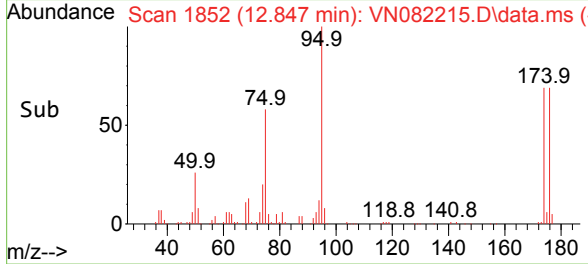
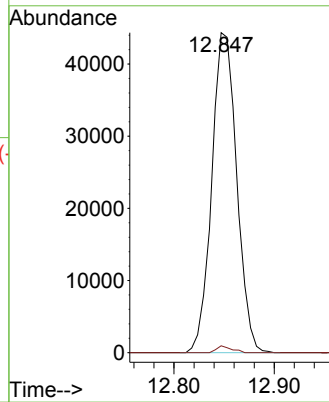
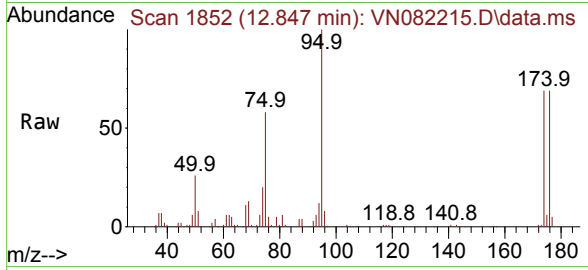




#76
1,2,3-Trichloropropane
Concen: 30.784 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

Instrument :
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ClientSampleId :
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Tgt Ion: 75 Resp: 76787
Ion Ratio Lower Upper
75 100
77 1.3 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.003 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082215.D
Acq: 20 May 2024 17:23

Tgt Ion: 75 Resp: 76787
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

