

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082175.D
 Acq On : 16 May 2024 20:30
 Operator : JC\MD
 Sample : P2497-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT3997

Quant Time: May 17 05:08:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 04:08:43 2024
 Response via : Initial Calibration

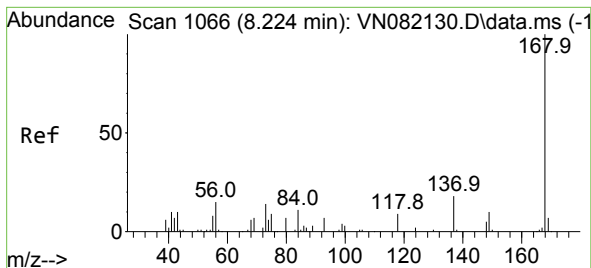
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	183265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	326442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150002	51.836	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.680%			
35) Dibromofluoromethane	8.165	113	103271	51.427	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.860%			
50) Toluene-d8	10.571	98	416637	54.116	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.240%			
62) 4-Bromofluorobenzene	12.847	95	138143	50.271	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.540%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	17313	14.584	ug/l #	85
18) Methyl Acetate	5.024	43	1543	0.522	ug/l #	74
20) Methylene Chloride	5.289	84	10598	4.425	ug/l #	82
25) 2-Butanone	7.488	43	1633	0.907	ug/l #	43
31) Cyclohexane	8.224	56	5535	1.198	ug/l #	48
36) 1,1-Dichloropropene	8.224	75	17390	5.163	ug/l #	49
37) Ethyl Acetate	7.559	43	4385	1.163	ug/l #	73
38) Carbon Tetrachloride	8.224	117	20062	5.876	ug/l #	17
42) 1,2-Dichloroethane	8.688	62	1388	0.359	ug/l #	73
43) Isopropyl Acetate	8.688	43	419766	62.852	ug/l #	64
45) 1,2-Dichloropropane	9.741	63	1388	0.536	ug/l #	45
48) Methyl methacrylate	9.665	41	4243	1.333	ug/l #	38
51) 4-Methyl-2-Pentanone	10.359	43	123217	32.472	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	46714	11.881	ug/l #	76
56) Ethyl methacrylate	10.988	69	1262	0.339	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	5945	1.452	ug/l #	42
59) 2-Hexanone	11.171	43	133248	47.958	ug/l #	23
71) Bromoform	12.847	173	601	0.373	ug/l #	1
74) N-amyl acetate	12.494	43	1937	0.355	ug/l #	39
76) 1,2,3-Trichloropropane	12.847	75	83624	31.823	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	83624	74.433	ug/l #	12

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

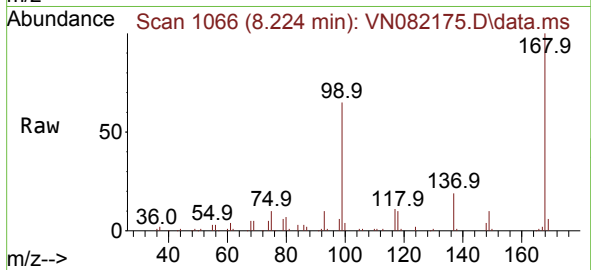
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Quant Title : SW846 8260
QLast Update : Fri May 17 04:08:43 2024
Response via : Initial Calibration



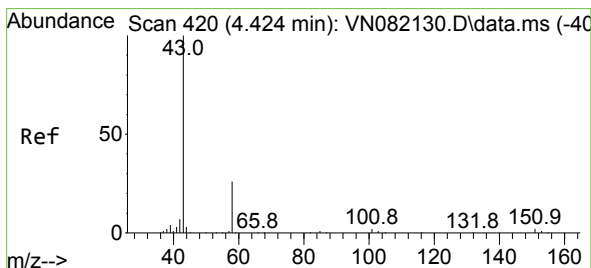
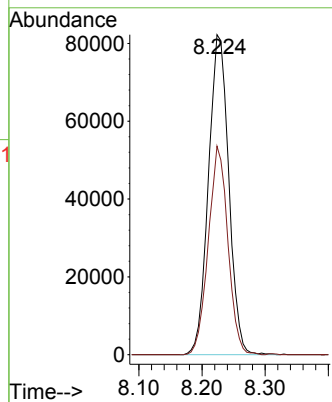
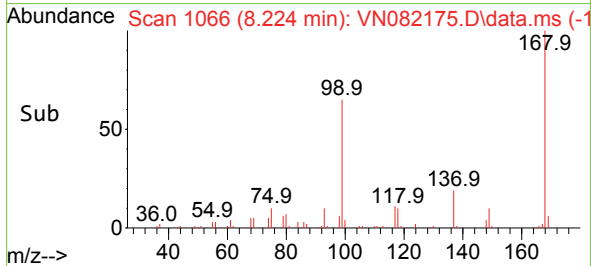


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

Instrument :
MSVOA_N
ClientSampleId :
RT3997

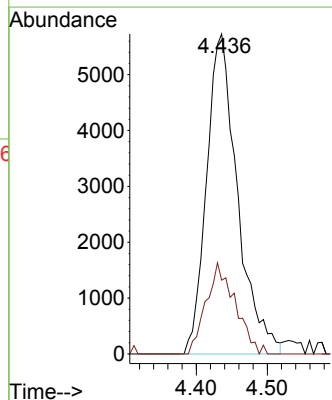
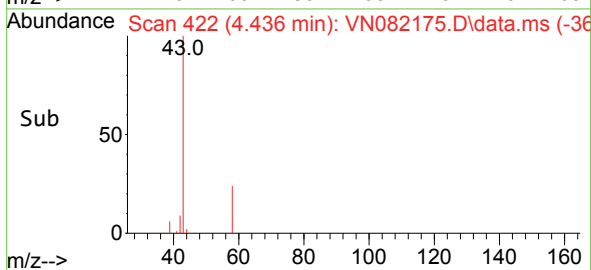
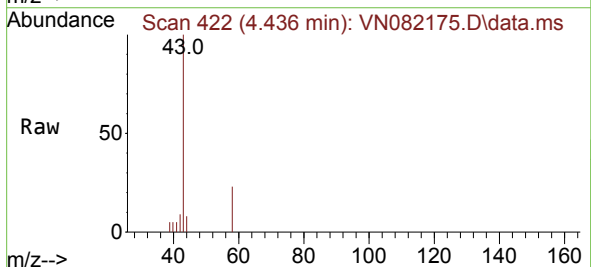


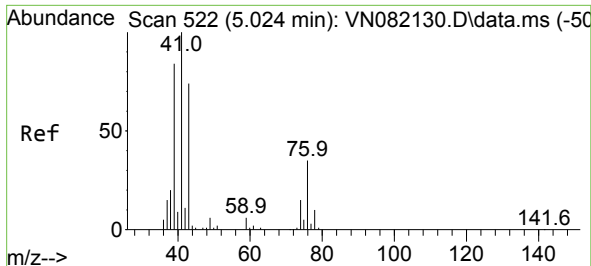
Tgt Ion:168 Resp: 183265
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#16
Acetone
Concen: 14.584 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

Tgt Ion: 43 Resp: 17313
Ion Ratio Lower Upper
43 100
58 23.0 25.2 37.8#

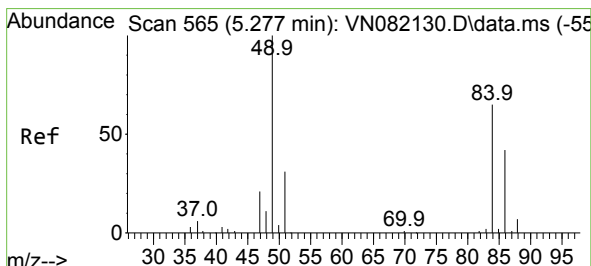
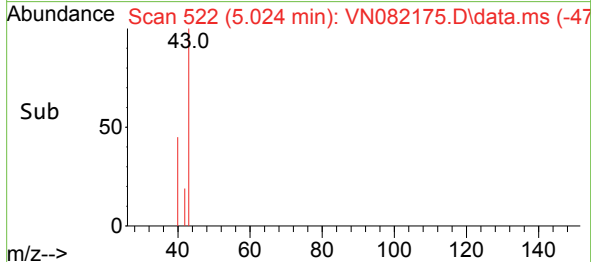
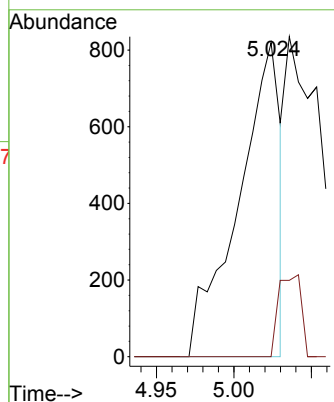
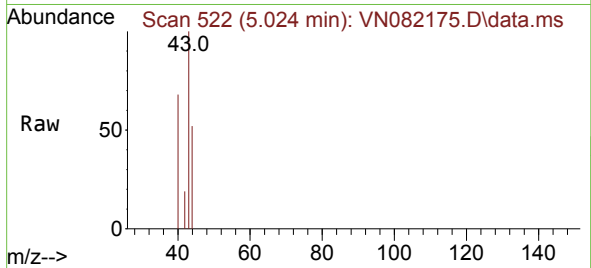




#18
Methyl Acetate
Concen: 0.522 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

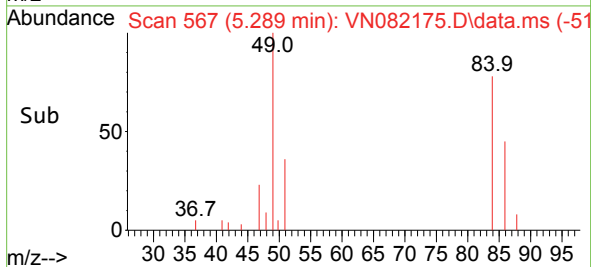
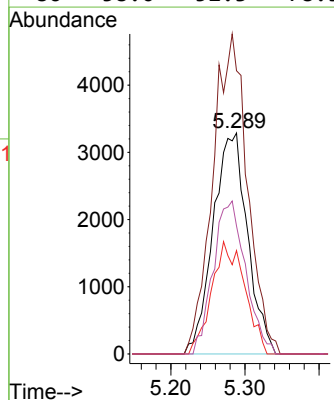
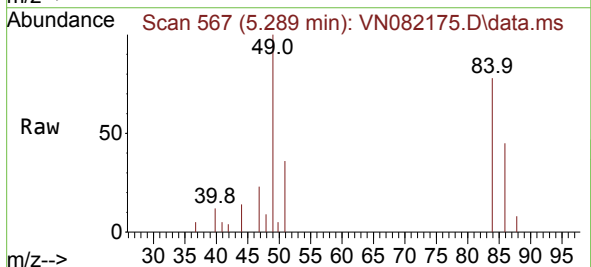
Instrument :
MSVOA_N
ClientSampleId :
RT3997

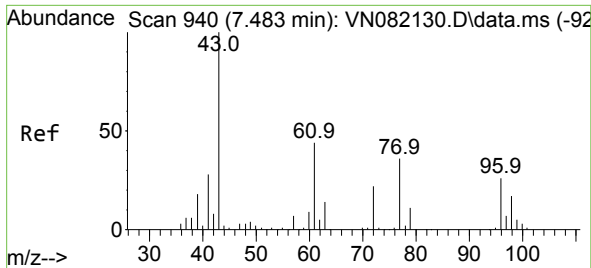
Tgt Ion: 43 Resp: 1543
Ion Ratio Lower Upper
43 100
74 14.0 22.2 33.2#



#20
Methylene Chloride
Concen: 4.425 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

Tgt Ion: 84 Resp: 10598
Ion Ratio Lower Upper
84 100
49 128.2 84.9 127.3#
51 46.8 27.0 40.6#
86 58.0 52.3 78.5

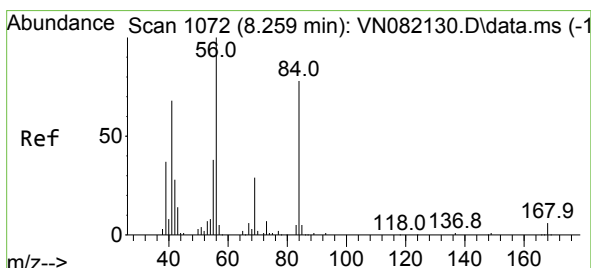
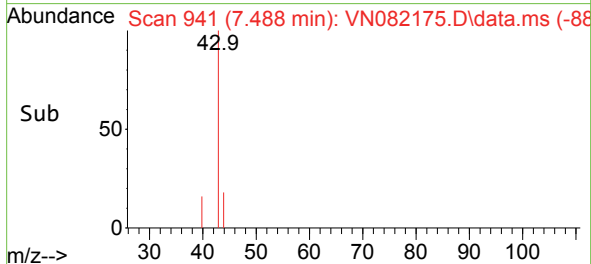
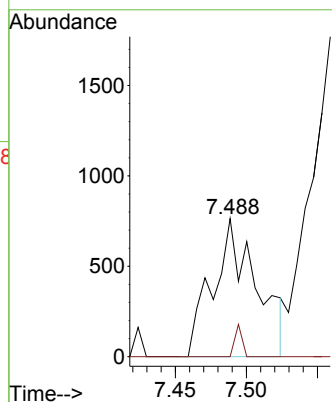
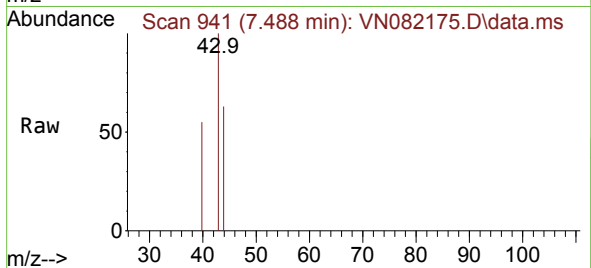




#25
2-Butanone
Concen: 0.907 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

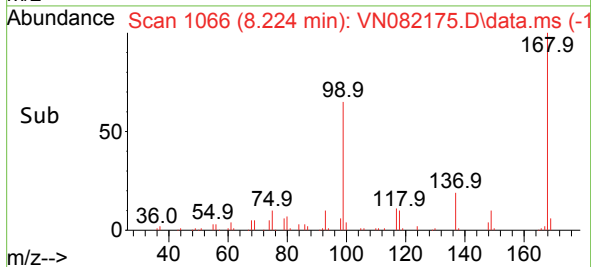
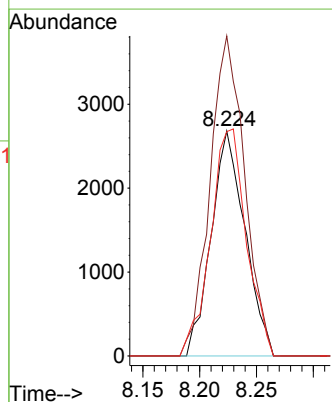
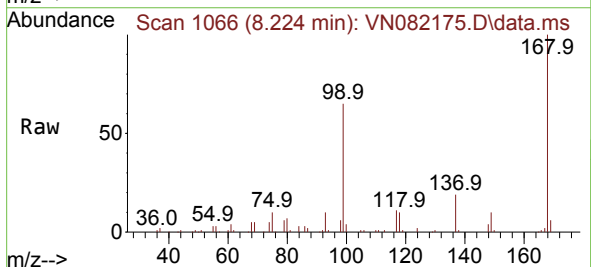
Instrument :
MSVOA_N
ClientSampleId :
RT3997

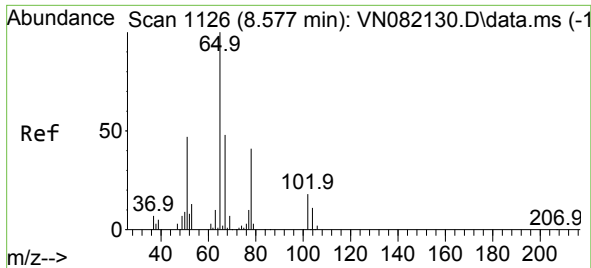
Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.198 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

Tgt Ion: 56 Resp: 5535
Ion Ratio Lower Upper
56 100
69 142.2 24.4 36.6#
84 99.7 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 51.836 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082175.D

Acq: 16 May 2024 20:30

Instrument :

MSVOA_N

ClientSampleId :

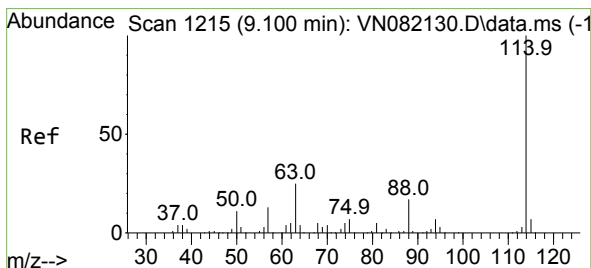
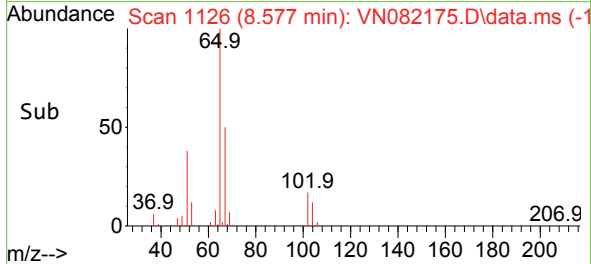
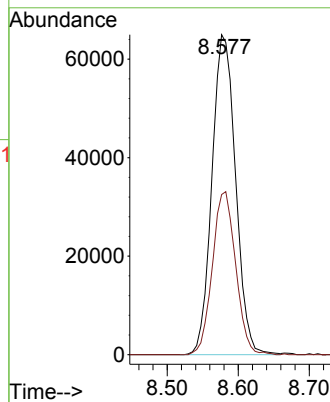
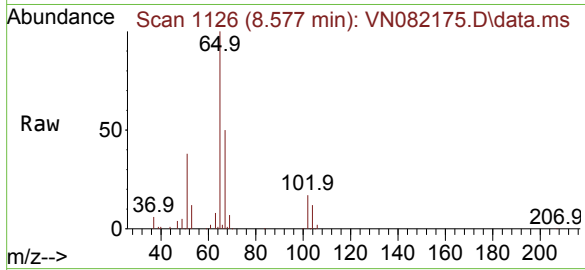
RT3997

Tgt Ion: 65 Resp: 150002

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082175.D

Acq: 16 May 2024 20:30

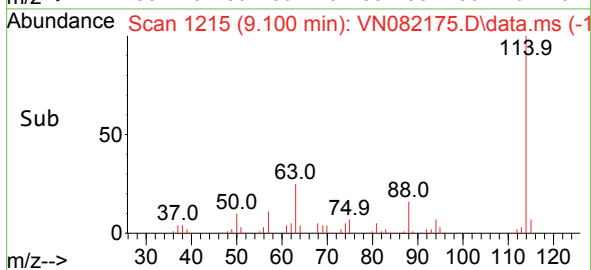
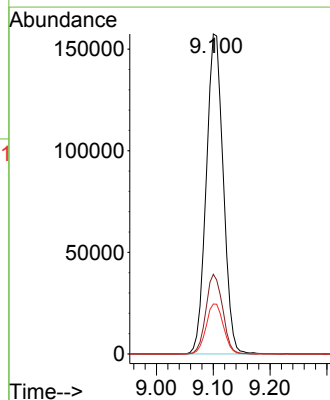
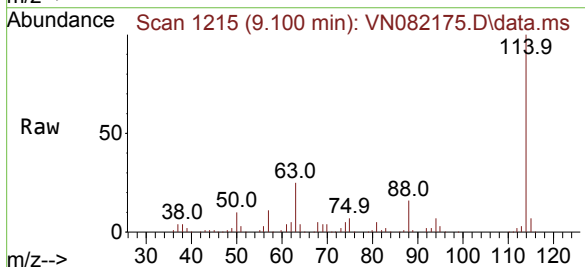
Tgt Ion: 114 Resp: 326442

Ion Ratio Lower Upper

114 100

63 24.9 0.0 41.0

88 15.6 0.0 31.4

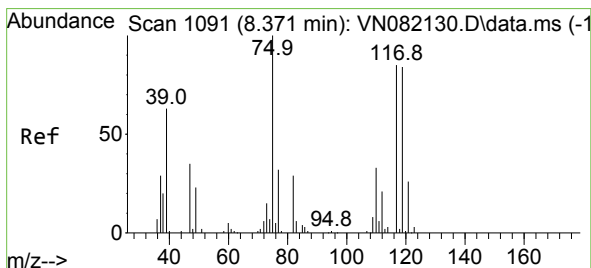
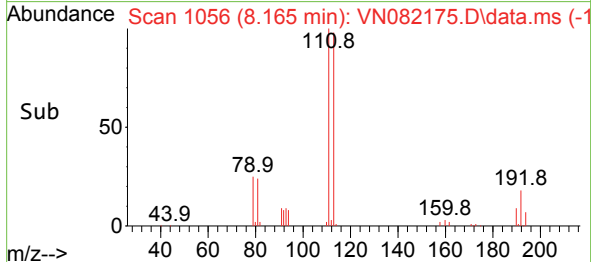
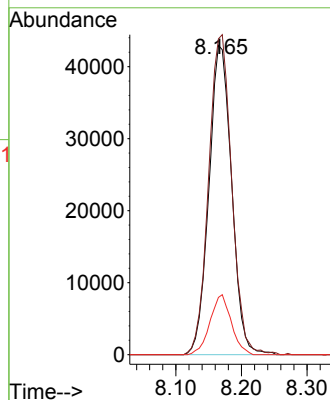
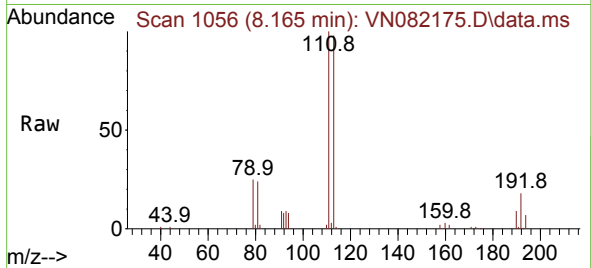




#35
Dibromofluoromethane
Concen: 51.427 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

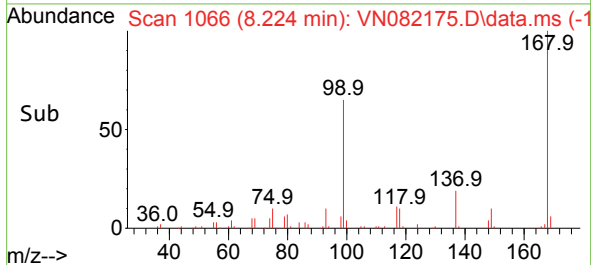
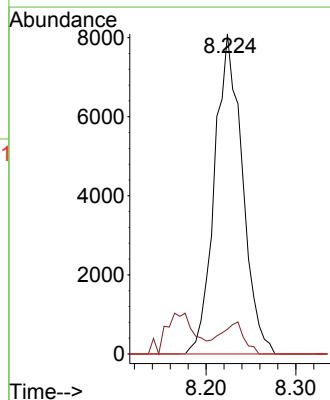
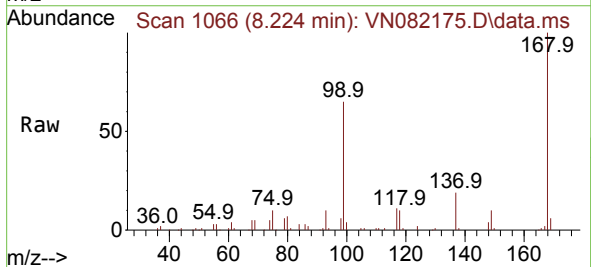
Instrument :
MSVOA_N
ClientSampleId :
RT3997

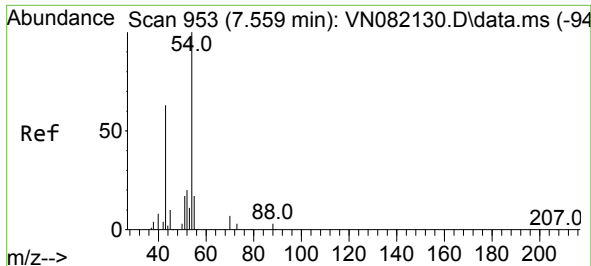
Tgt Ion:113 Resp: 103271
Ion Ratio Lower Upper
113 100
111 105.2 83.4 125.2
192 18.2 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.163 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

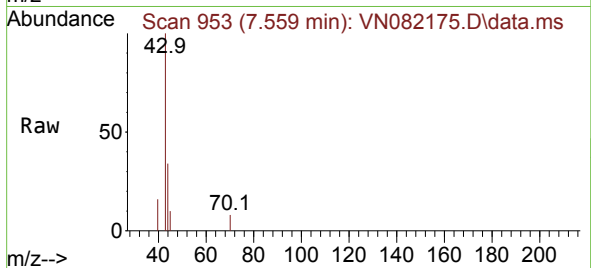
Tgt Ion: 75 Resp: 17390
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 25.0 37.4#



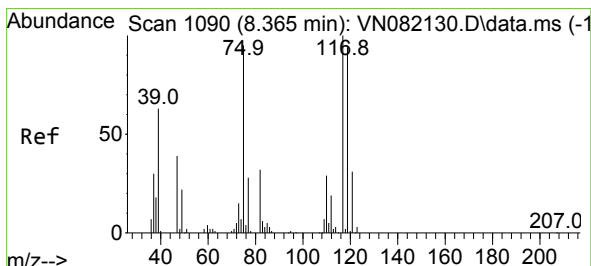
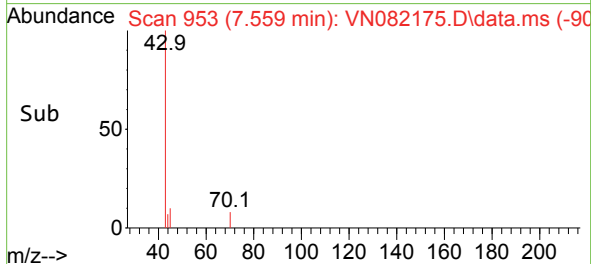
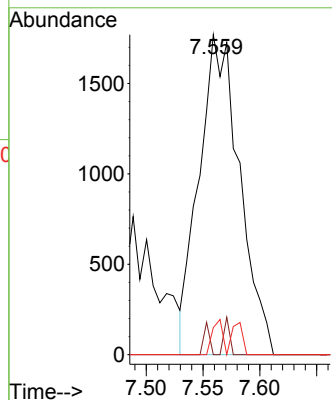


#37
Ethyl Acetate
Concen: 1.163 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

Instrument :
MSVOA_N
ClientSampleId :
RT3997

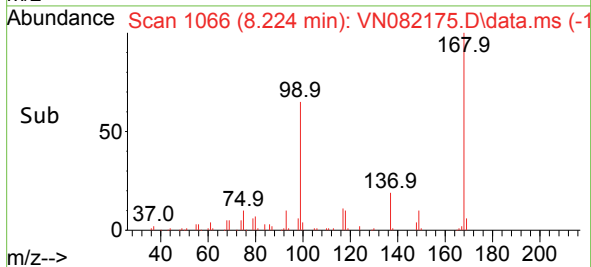
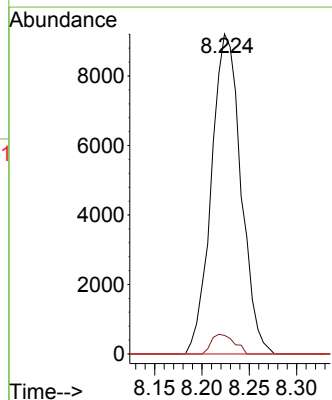
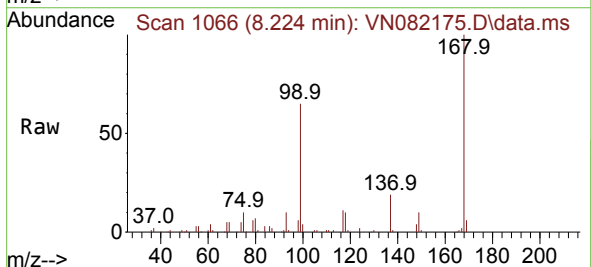


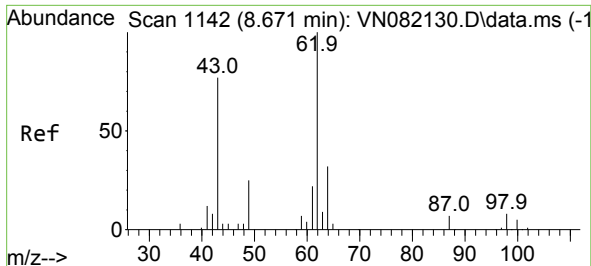
Tgt Ion: 43 Resp: 4385
Ion Ratio Lower Upper
43 100
61 1.7 11.3 16.9#
70 2.8 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.876 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

Tgt Ion: 117 Resp: 20062
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: 0.359 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.018 min

Lab File: VN082175.D

Acq: 16 May 2024 20:30

Instrument :

MSVOA_N

ClientSampleId :

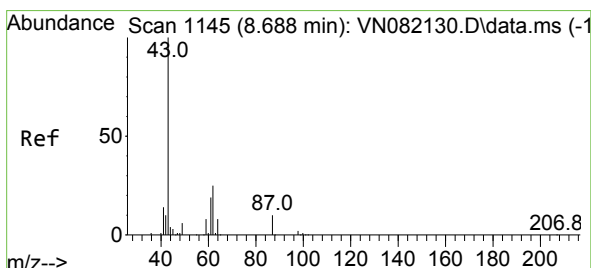
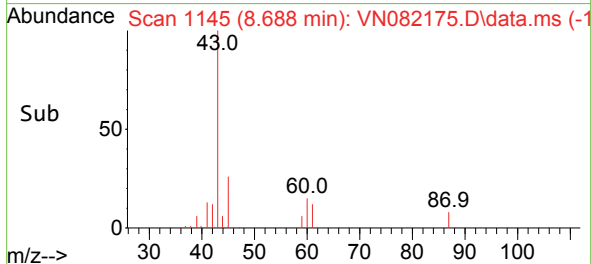
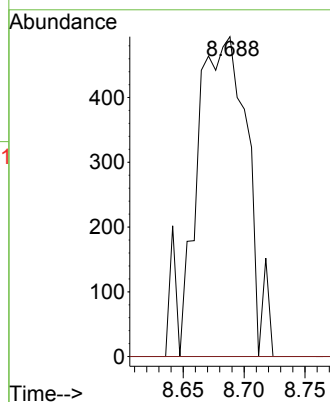
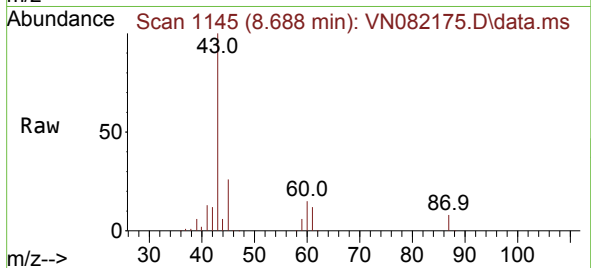
RT3997

Tgt Ion: 62 Resp: 1388

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.6



#43

Isopropyl Acetate

Concen: 62.852 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082175.D

Acq: 16 May 2024 20:30

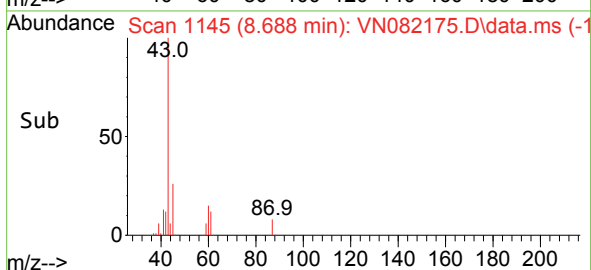
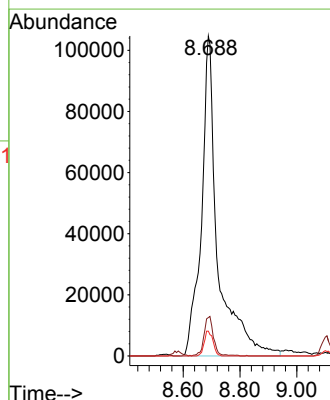
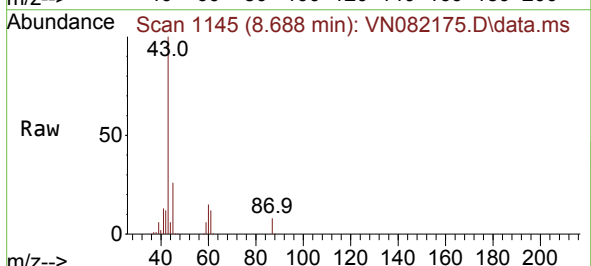
Tgt Ion: 43 Resp: 419766

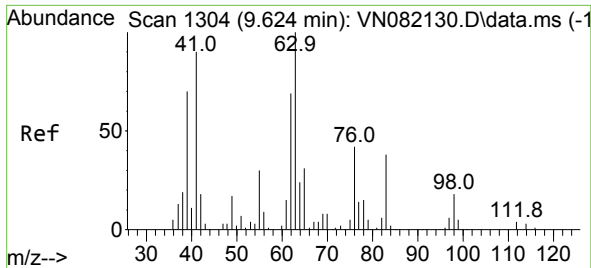
Ion Ratio Lower Upper

43 100

61 7.1 22.8 34.2#

87 4.1 12.0 18.0#

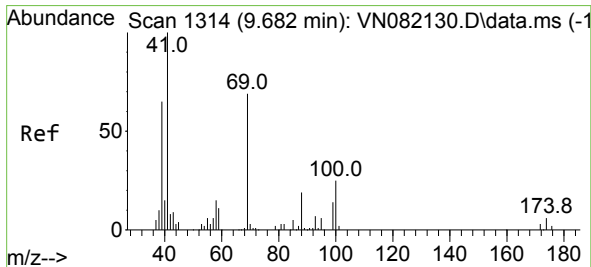
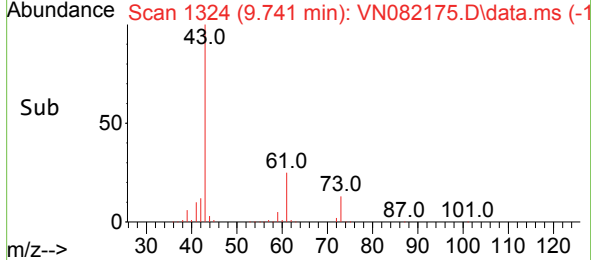
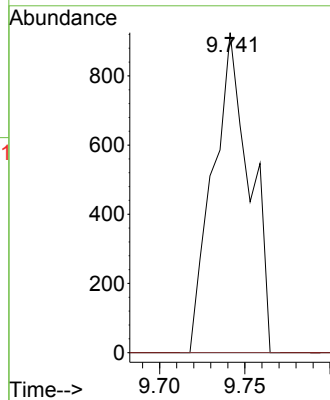
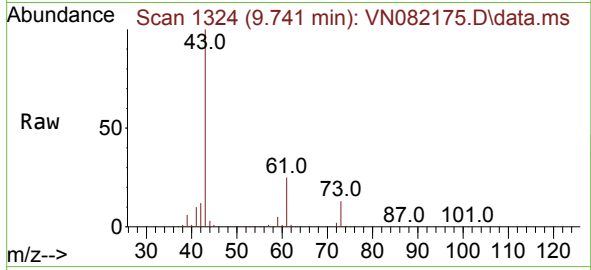




#45
1,2-Dichloropropane
Concen: 0.536 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

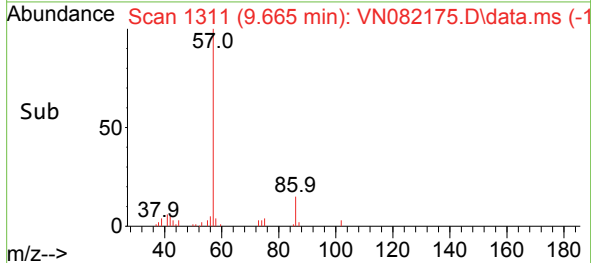
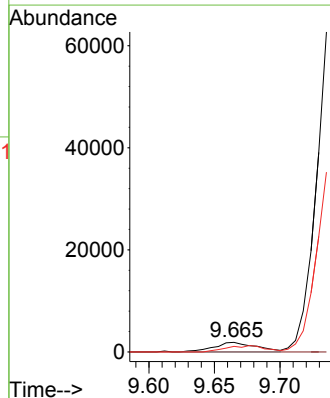
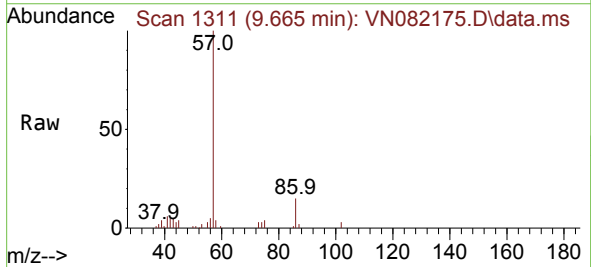
Instrument :
MSVOA_N
ClientSampleId :
RT3997

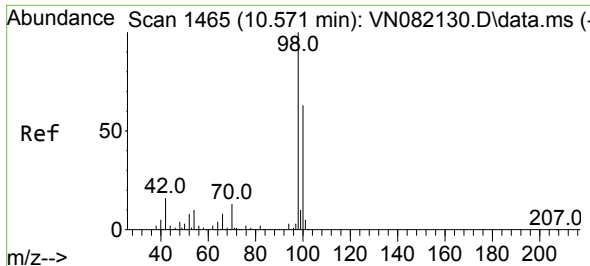
Tgt Ion: 63 Resp: 1388
Ion Ratio Lower Upper
63 100
65 0.0 24.1 36.1#



#48
Methyl methacrylate
Concen: 1.333 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.018 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

Tgt Ion: 41 Resp: 4243
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 59.7 50.9 76.3

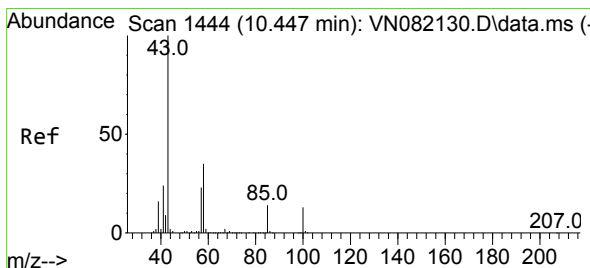
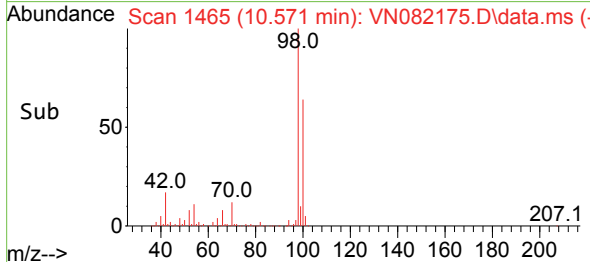
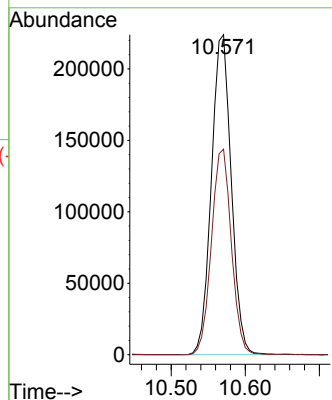
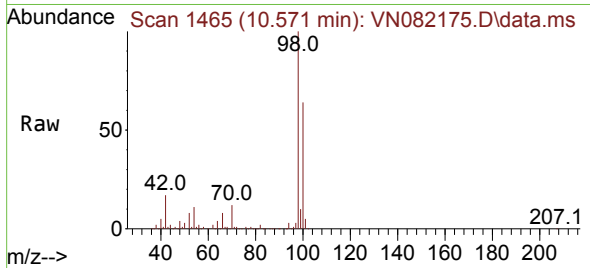




#50
Toluene-d8
Concen: 54.116 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

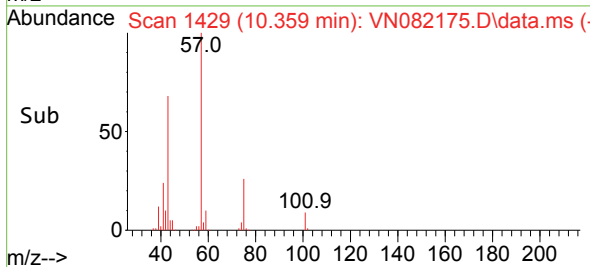
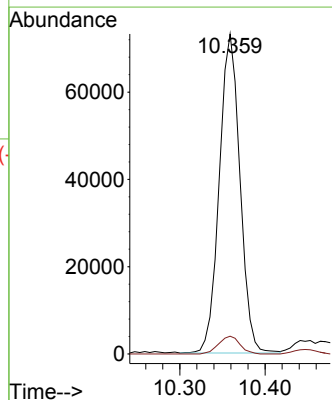
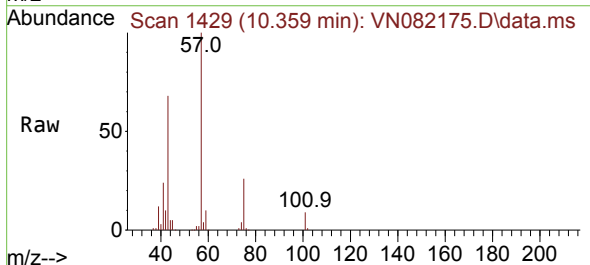
Instrument :
MSVOA_N
ClientSampleId :
RT3997

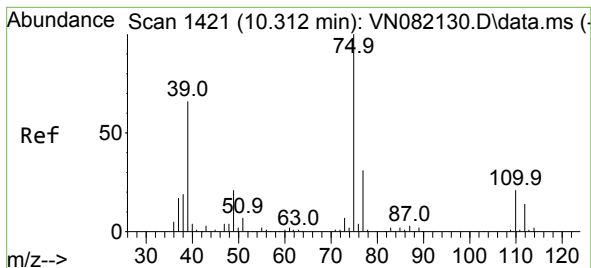
Tgt Ion: 98 Resp: 416637
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 32.472 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. -0.088 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

Tgt Ion: 43 Resp: 123217
Ion Ratio Lower Upper
43 100
58 5.7 33.2 49.8#

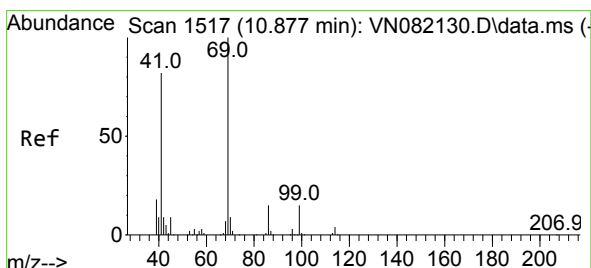
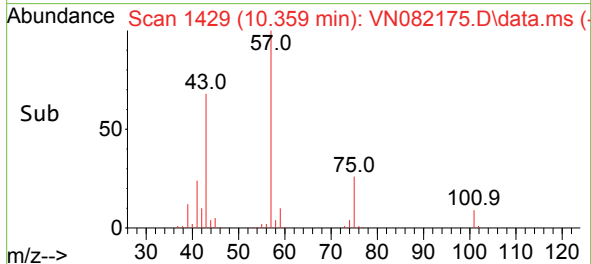
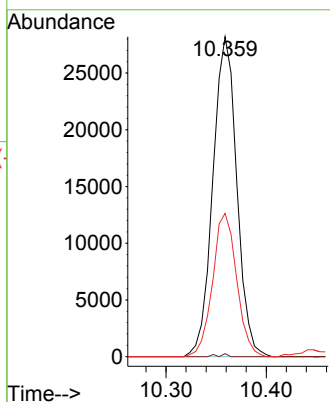
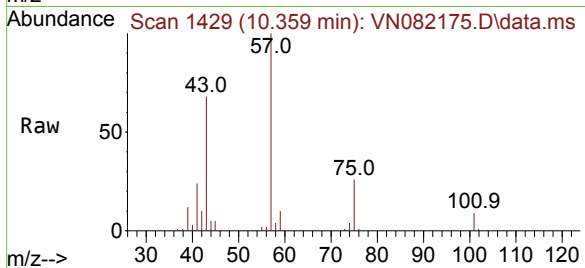




#54
 cis-1,3-Dichloropropene
 Concen: 11.881 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN082175.D
 Acq: 16 May 2024 20:30

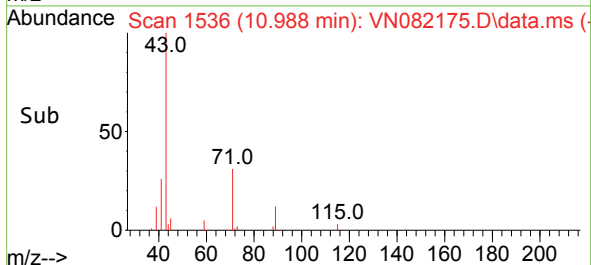
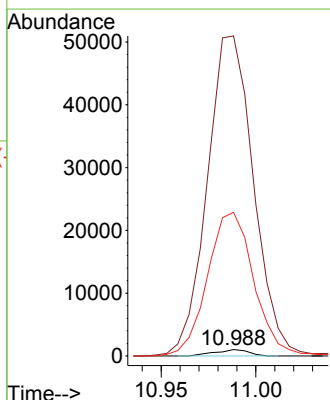
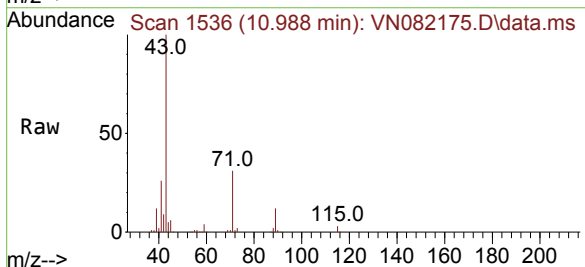
Instrument :
 MSVOA_N
 ClientSampleId :
 RT3997

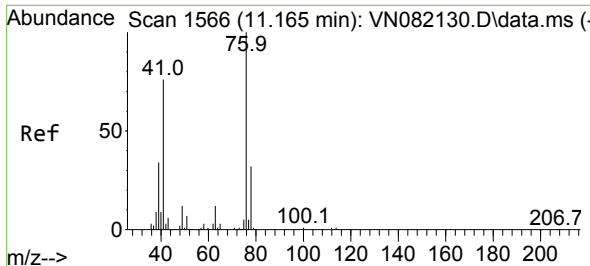
Tgt Ion: 75 Resp: 46714
 Ion Ratio Lower Upper
 75 100
 77 0.9 25.0 37.4#
 39 44.8 34.8 52.2



#56
 Ethyl methacrylate
 Concen: 0.339 ug/l
 RT: 10.988 min Scan# 1536
 Delta R.T. 0.112 min
 Lab File: VN082175.D
 Acq: 16 May 2024 20:30

Tgt Ion: 69 Resp: 1262
 Ion Ratio Lower Upper
 69 100
 41 6905.1 46.6 70.0#
 39 3090.4 26.5 39.7#

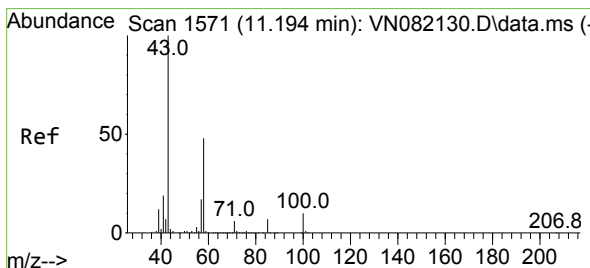
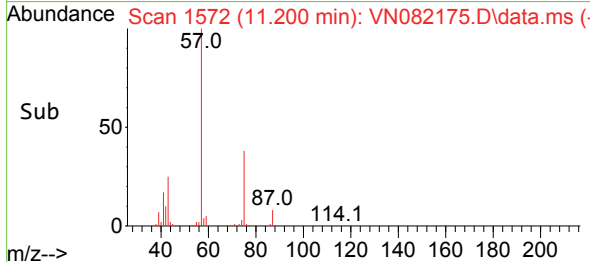
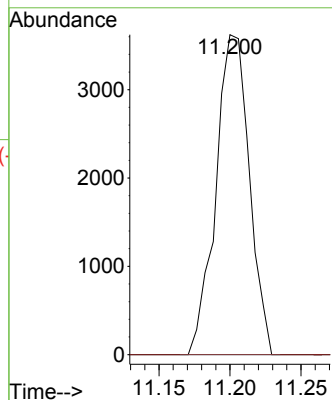
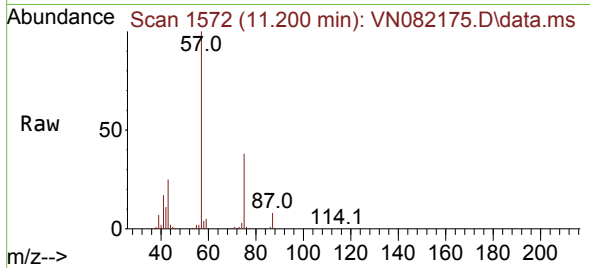




#57
1,3-Dichloropropane
Concen: 1.452 ug/l
RT: 11.200 min Scan# 1567
Delta R.T. 0.035 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

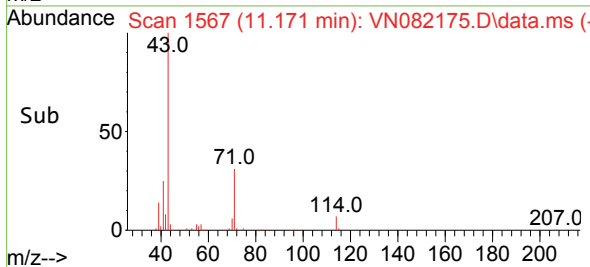
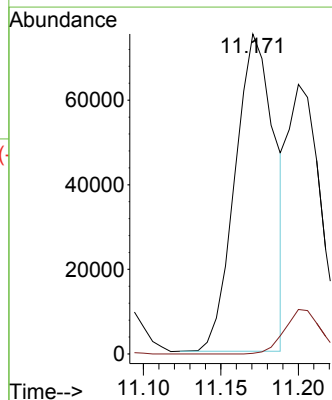
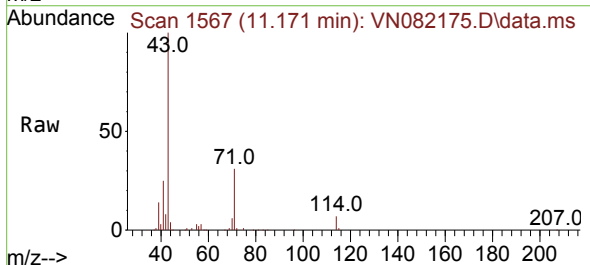
Instrument :
MSVOA_N
ClientSampleId :
RT3997

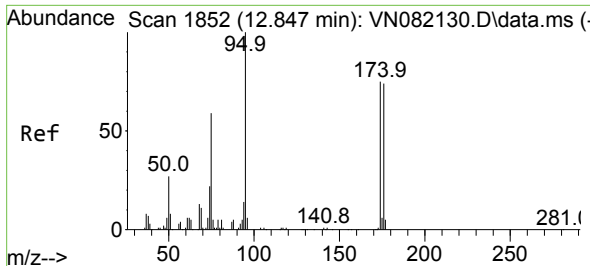
Tgt Ion: 76 Resp: 5945
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#



#59
2-Hexanone
Concen: 47.958 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

Tgt Ion: 43 Resp: 133248
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#

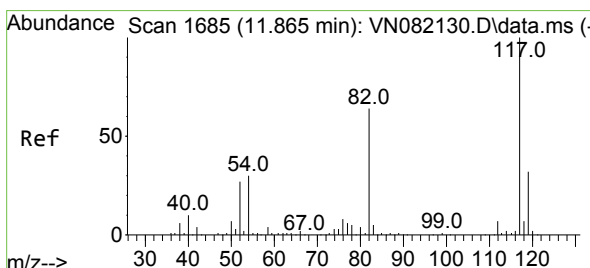
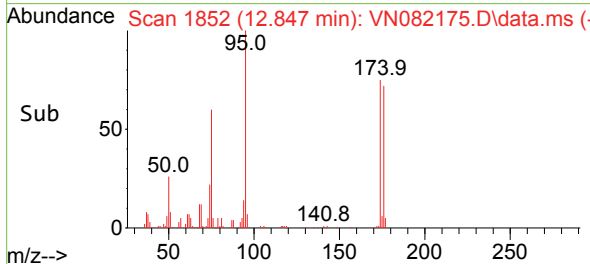
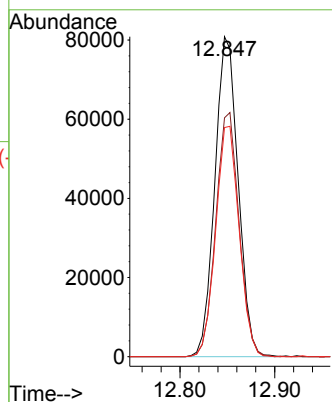
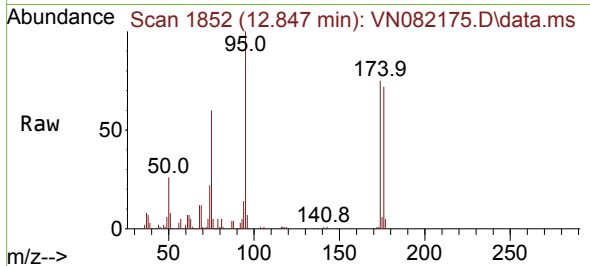




#62
4-Bromofluorobenzene
Concen: 50.271 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

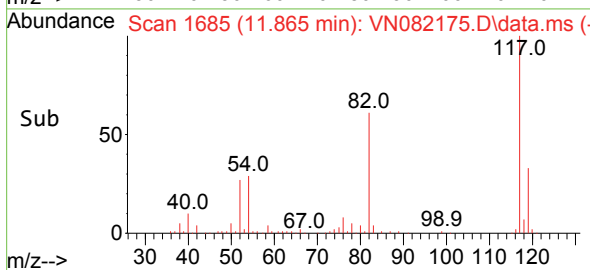
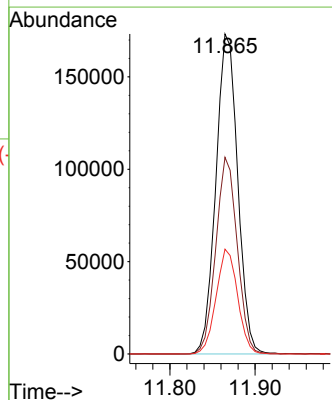
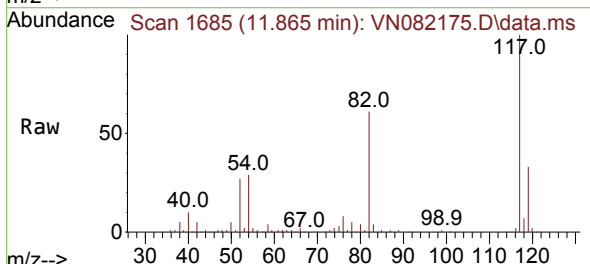
Instrument :
MSVOA_N
ClientSampleId :
RT3997

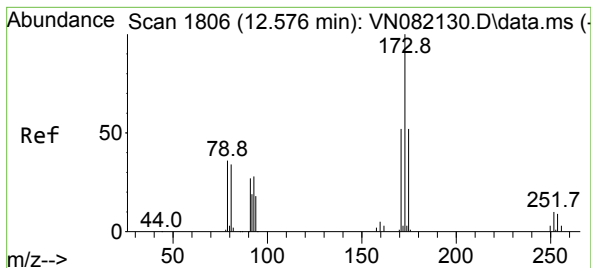
Tgt Ion: 95 Resp: 138143
Ion Ratio Lower Upper
95 100
174 76.5 0.0 160.6
176 72.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

Tgt Ion: 117 Resp: 308358
Ion Ratio Lower Upper
117 100
82 61.4 44.6 66.8
119 32.8 25.9 38.9





#71

Bromoform

Concen: 0.373 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN082175.D

Acq: 16 May 2024 20:30

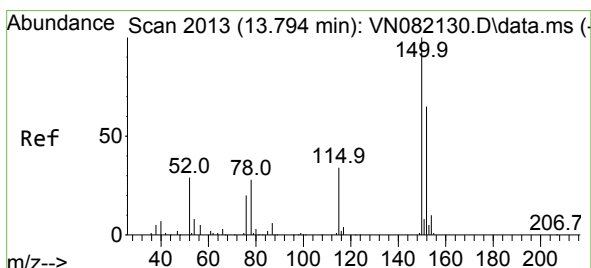
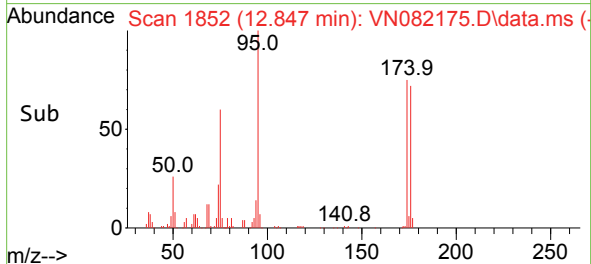
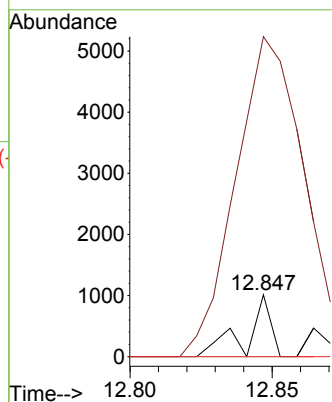
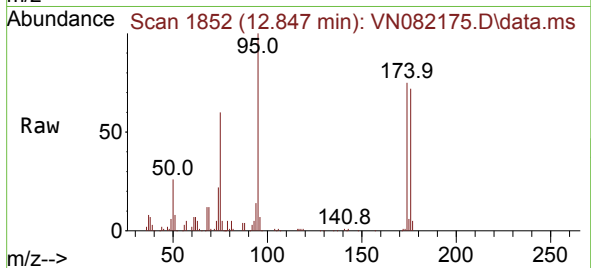
Instrument :

MSVOA_N

ClientSampleId :

RT3997

Tgt Ion:173	Resp:	601
Ion Ratio	Lower	Upper
173	100	
175	1038.9	24.6 74.0#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

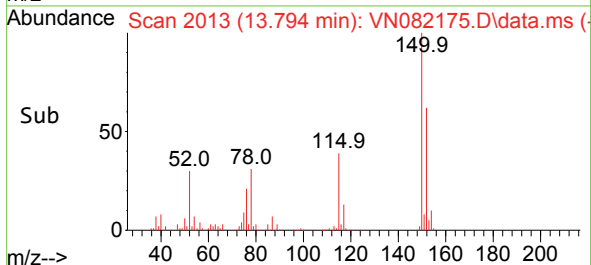
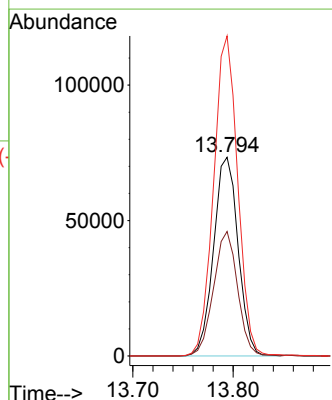
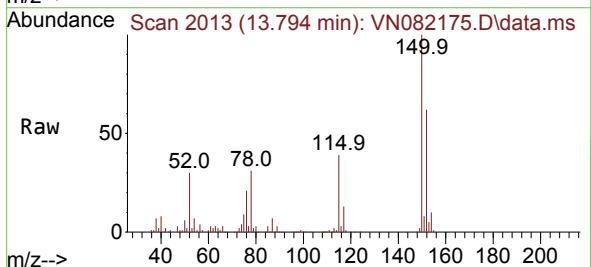
RT: 13.794 min Scan# 2013

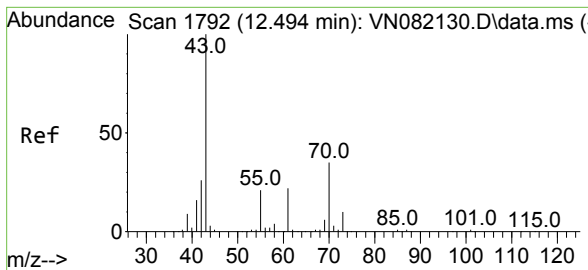
Delta R.T. -0.000 min

Lab File: VN082175.D

Acq: 16 May 2024 20:30

Tgt Ion:152	Resp:	124849
Ion Ratio	Lower	Upper
152	100	
115	61.4	30.4 91.3
150	158.0	0.0 353.2

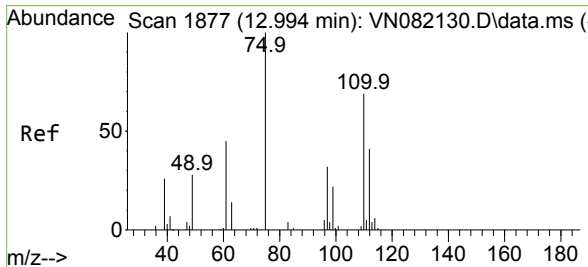
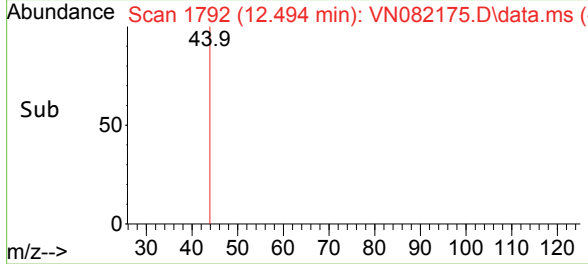
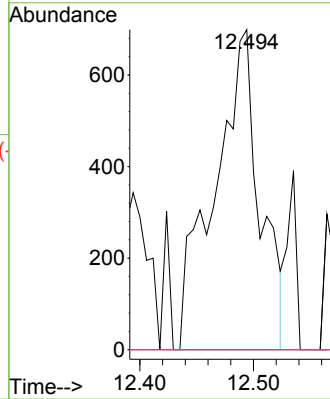
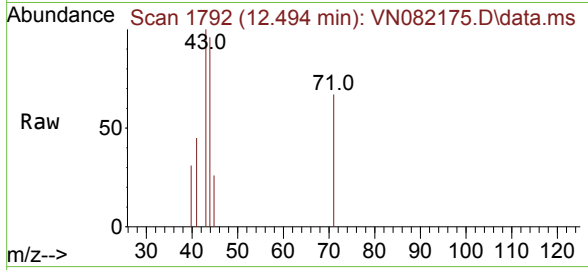




#74
N-amy1 acetate
Concen: 0.355 ug/l
RT: 12.494 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

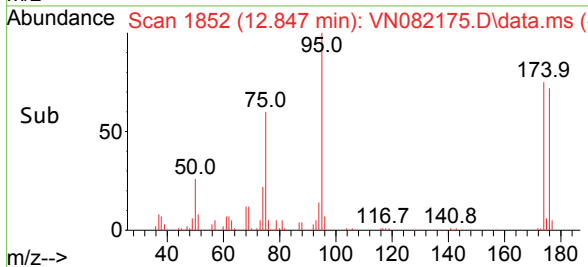
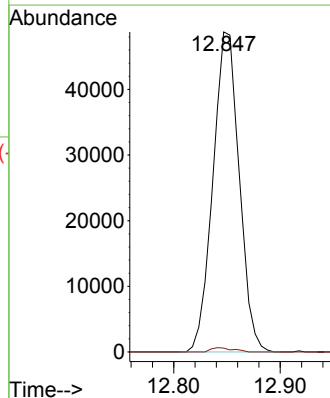
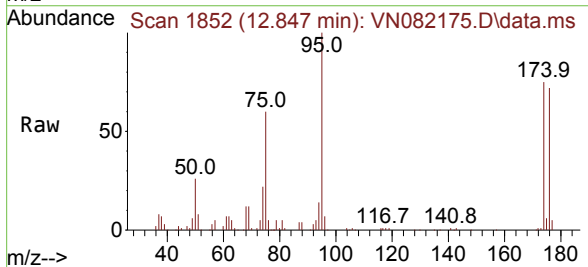
Instrument :
MSVOA_N
ClientSampleId :
RT3997

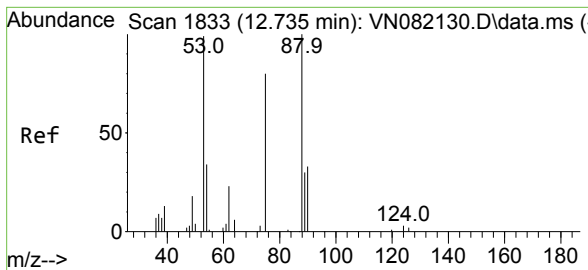
Tgt Ion: 43	Resp:	1937	
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.4#
55	0.0	21.3	31.9#
61	0.0	20.5	30.7#



#76
1,2,3-Trichloropropane
Concen: 31.823 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082175.D
Acq: 16 May 2024 20:30

Tgt Ion: 75	Resp:	83624	
Ion Ratio	Lower	Upper	
75 100			
77 1.1	90.5	271.3#	





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.433 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082175.D
 Acq: 16 May 2024 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 RT3997

Tgt Ion: 75 Resp: 83624
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

