

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081171.D
 Acq On : 23 Feb 2024 20:09
 Operator : JC\MD
 Sample : P1574-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

Quant Time: Feb 23 22:04:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	273832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	553401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	497504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204775	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	183932	54.800	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.600%	
35) Dibromofluoromethane	8.165	113	158787	50.742	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.480%	
50) Toluene-d8	10.571	98	521505	46.921	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.840%	
62) 4-Bromofluorobenzene	12.853	95	190104	45.520	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.040%	

Target Compounds				Qvalue		
3) Chloromethane	2.360	50	1533	Below Cal	#	72
5) Bromomethane	2.959	94	1033	0.370	ug/l #	49
6) Chloroethane	3.118	64	363	Below Cal	#	42
11) Tert butyl alcohol	5.524	59	2147	3.478	ug/l #	72
13) Acrolein	4.183	56	1255	3.793	ug/l #	55
16) Acetone	4.436	43	72348	54.781	ug/l	93
17) Carbon Disulfide	4.718	76	3938	0.456	ug/l #	80
18) Methyl Acetate	5.036	43	6382	1.981	ug/l	92
20) Methylene Chloride	5.283	84	18734	4.640	ug/l #	74
25) 2-Butanone	7.489	43	8532	3.999	ug/l #	60
29) Tetrahydrofuran	7.836	42	6653	4.671	ug/l	96
31) Cyclohexane	8.230	56	7630	1.317	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	24650	4.598	ug/l #	52
37) Ethyl Acetate	7.559	43	8623	1.782	ug/l #	84
38) Carbon Tetrachloride	8.230	117	32274	5.950	ug/l #	16
40) Benzene	8.606	78	44552	2.871	ug/l	92
41) Methacrylonitrile	7.847	41	3562	1.294	ug/l #	43
42) 1,2-Dichloroethane	8.694	62	2333	0.431	ug/l #	75
43) Isopropyl Acetate	8.694	43	629000	74.330	ug/l #	76
45) 1,2-Dichloropropane	9.735	63	4024	1.037	ug/l #	42
48) Methyl methacrylate	9.665	41	9234	2.345	ug/l #	48
49) 1,4-Dioxane	9.706	88	237	Below Cal	#	18
51) 4-Methyl-2-Pentanone	10.447	43	24669	5.068	ug/l #	83
52) Toluene	10.635	92	28389	2.890	ug/l	94
53) t-1,3-Dichloropropene	10.730	75	2027	0.341	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	98880	15.375	ug/l #	63
57) 1,3-Dichloropropane	11.206	76	12216	1.870	ug/l #	43
59) 2-Hexanone	11.177	43	218962	56.736	ug/l #	26
67) Ethyl Benzene	11.971	91	5059	0.263	ug/l #	77
68) m/p-Xylenes	12.077	106	10185	1.379	ug/l	93
69) o-Xylene	12.400	106	8992	1.228	ug/l	93
70) Styrene	12.418	104	5833	0.503	ug/l	89
74) N-amyl acetate	12.306	43	43843	5.790	ug/l #	58
76) 1,2,3-Trichloropropane	12.853	75	102325	21.993	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.171	105	3614	0.249	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.853	75	102325	56.608	ug/l #	14

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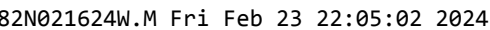
Instrument :
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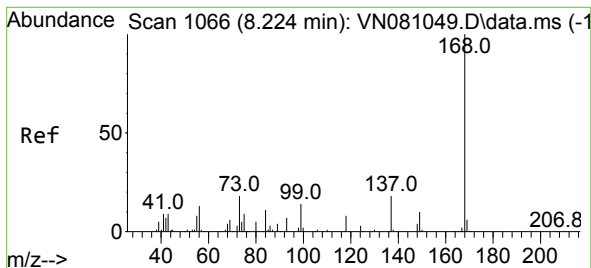
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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.488	105	11671	0.806	ug/l	79
95) Naphthalene	15.647	128	295859	19.879	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

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MSVOA_N

ClientSampleId :

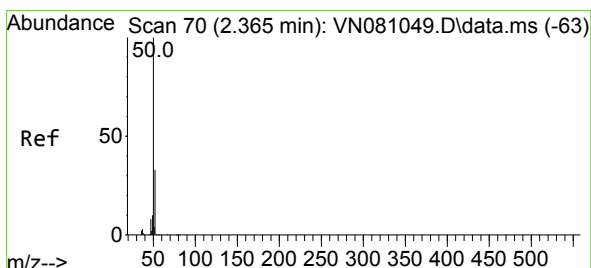
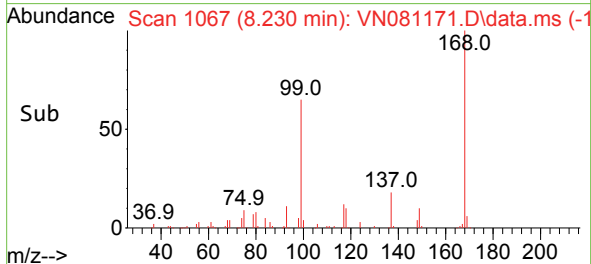
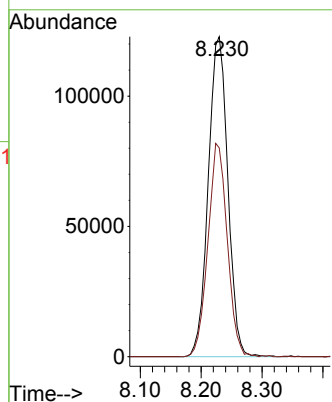
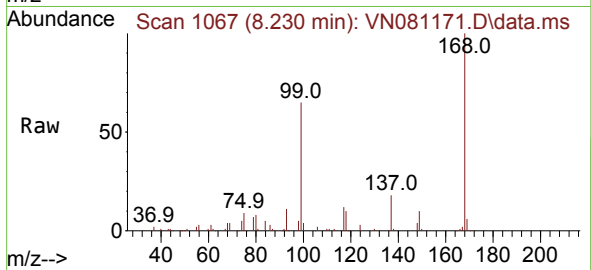
SB-1

Tgt Ion:168 Resp: 273832

Ion Ratio Lower Upper

168 100

99 65.2 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.360 min Scan# 69

Delta R.T. -0.006 min

Lab File: VN081171.D

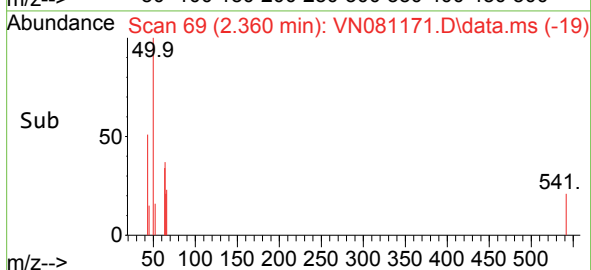
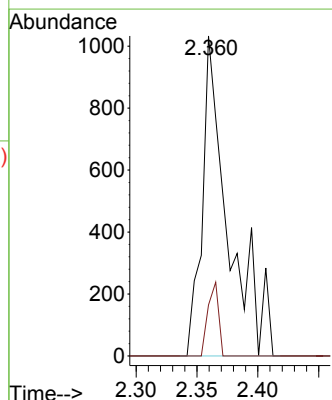
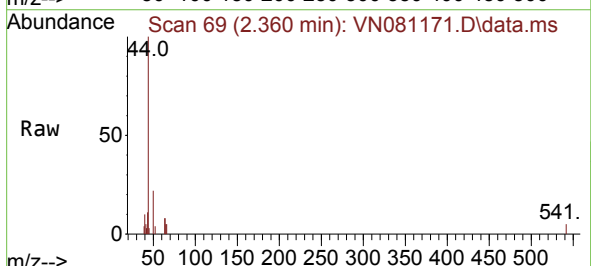
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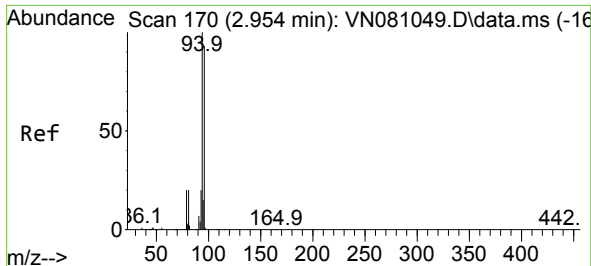
Tgt Ion: 50 Resp: 1533

Ion Ratio Lower Upper

50 100

52 16.0 25.0 37.4#

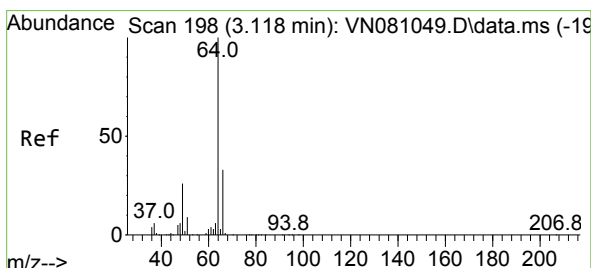
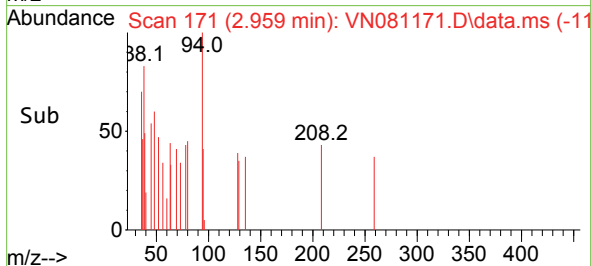
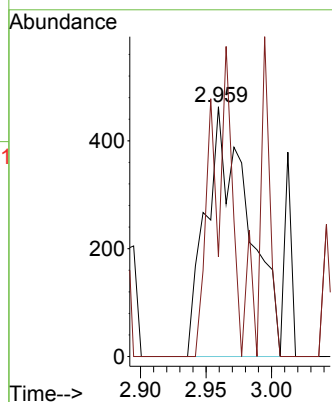
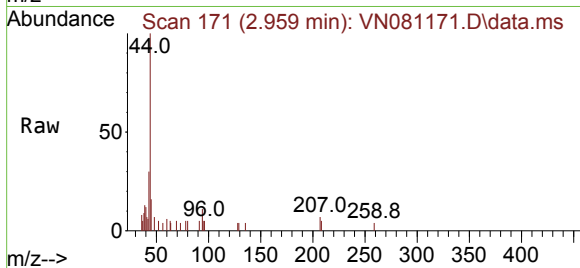




#5
Bromomethane
Concen: 0.370 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

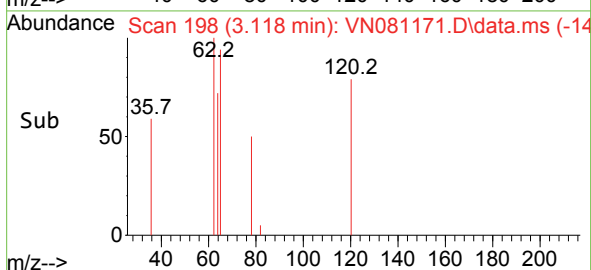
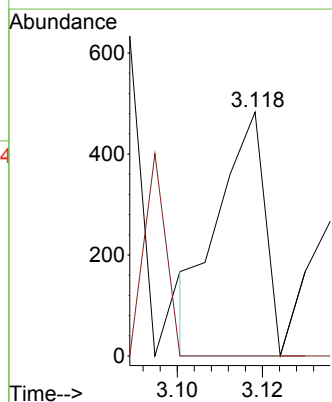
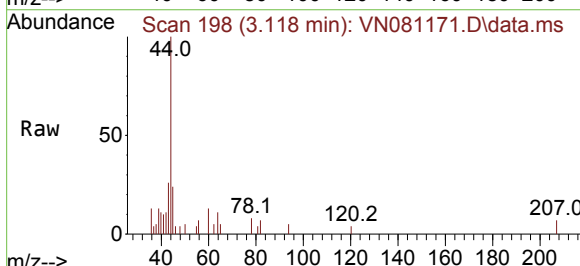
Instrument :
MSVOA_N
ClientSampleId :
SB-1

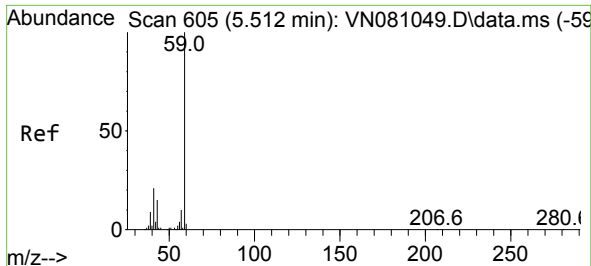
Tgt Ion: 94 Resp: 1033
Ion Ratio Lower Upper
94 100
96 40.0 69.2 103.8#



#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion: 64 Resp: 363
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

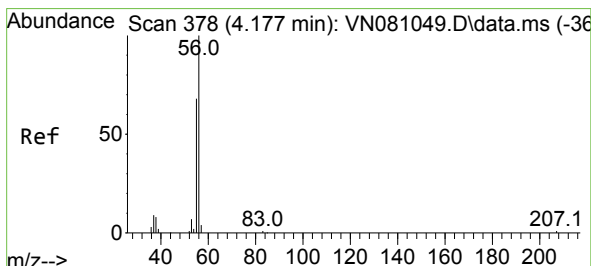
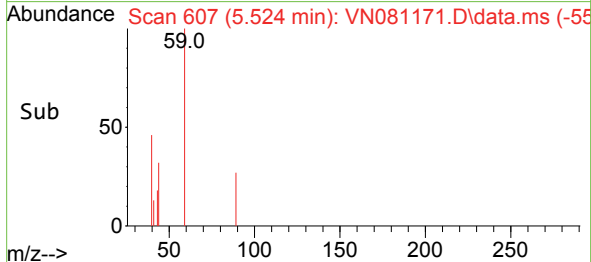
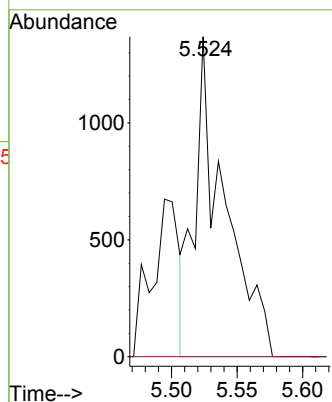
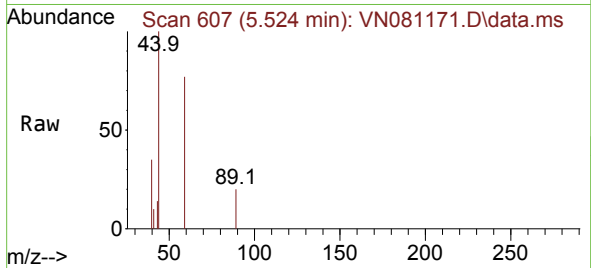




#11
Tert butyl alcohol
Concen: 3.478 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

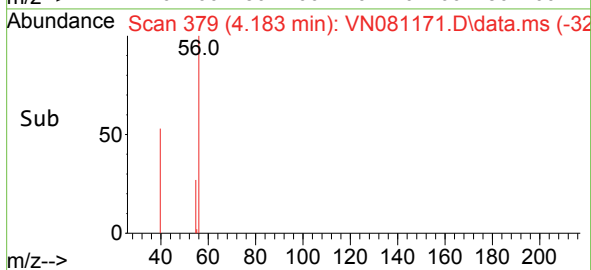
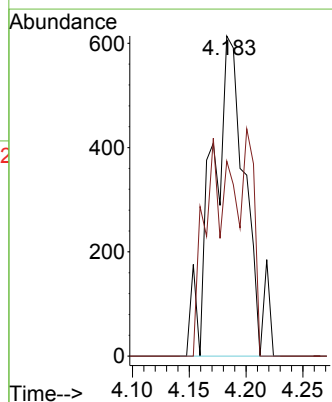
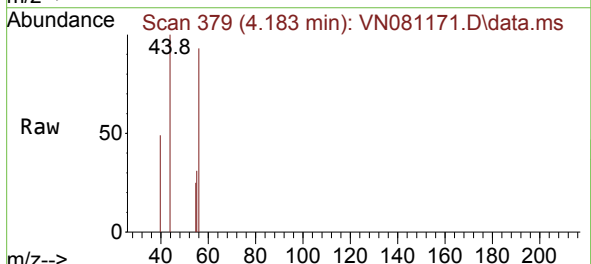
Instrument :
MSVOA_N
ClientSampleId :
SB-1

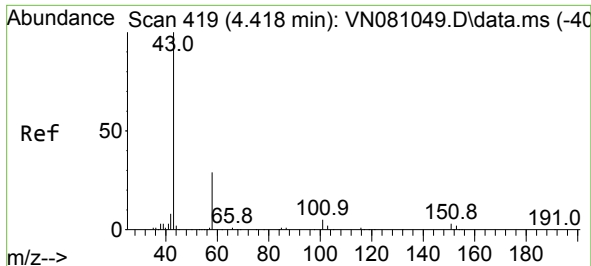
Tgt Ion: 59 Resp: 2147
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 3.793 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion: 56 Resp: 1255
Ion Ratio Lower Upper
56 100
55 32.7 55.3 82.9#

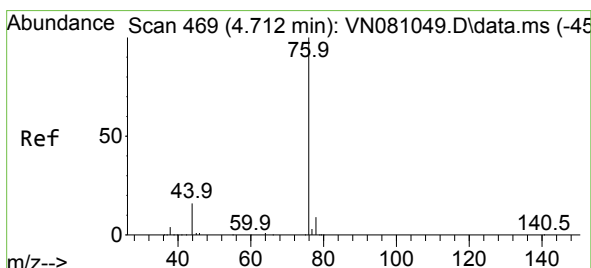
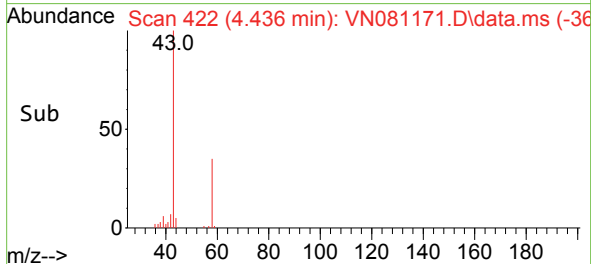
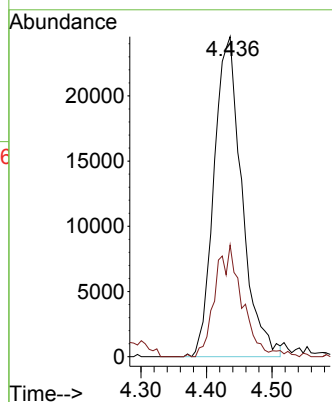
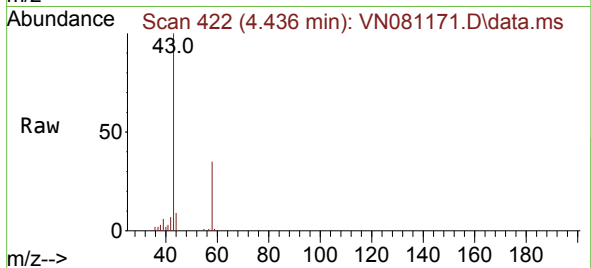




#16
Acetone
Concen: 54.781 ug/l
RT: 4.436 min Scan# 419
Delta R.T. 0.018 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

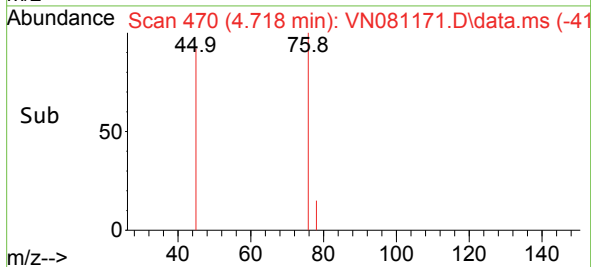
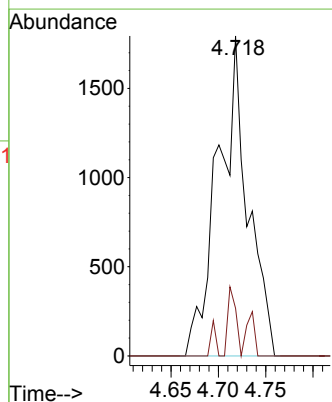
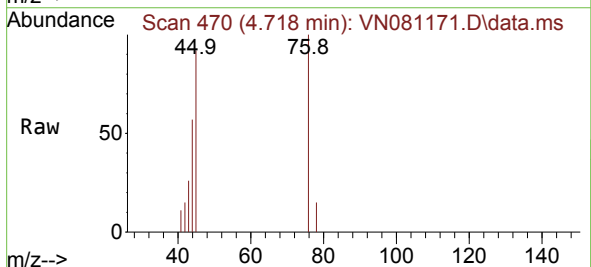
Instrument :
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ClientSampleId :
SB-1

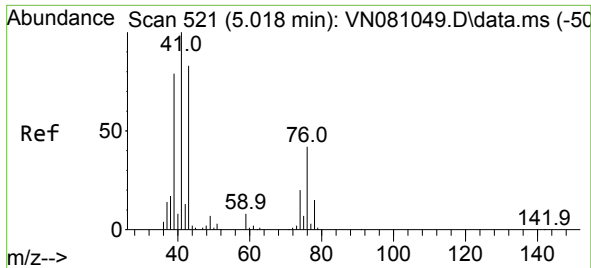
Tgt Ion: 43 Resp: 72348
Ion Ratio Lower Upper
43 100
58 34.9 24.8 37.2



#17
Carbon Disulfide
Concen: 0.456 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion: 76 Resp: 3938
Ion Ratio Lower Upper
76 100
78 14.9 6.3 9.5#

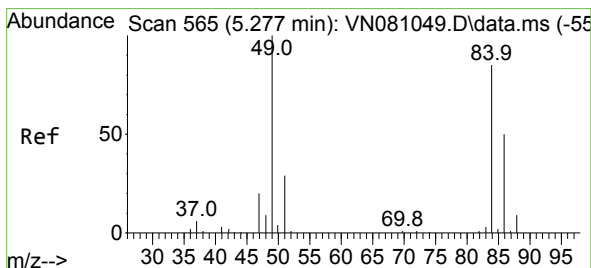
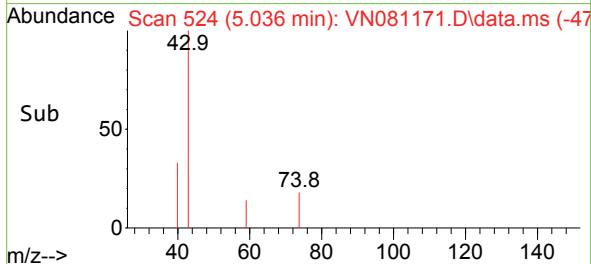
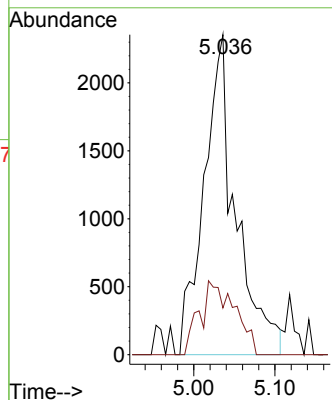
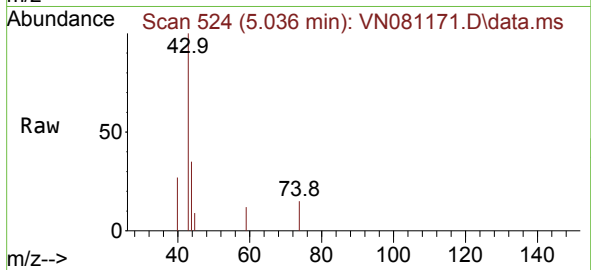




#18
Methyl Acetate
Concen: 1.981 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

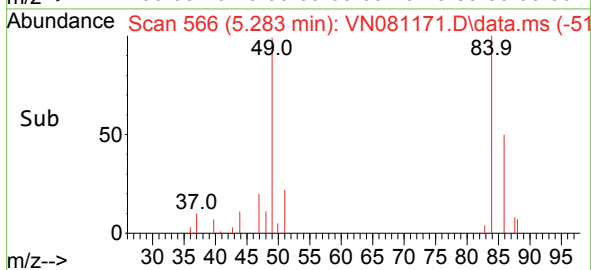
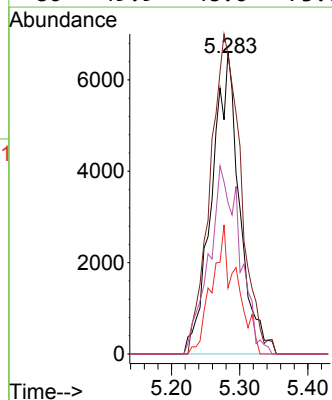
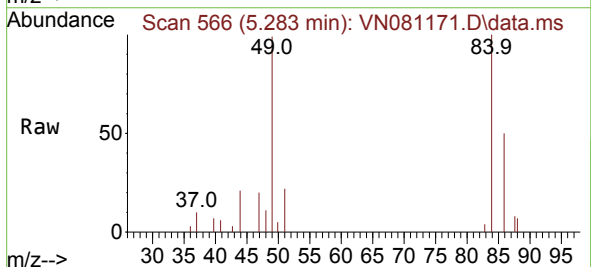
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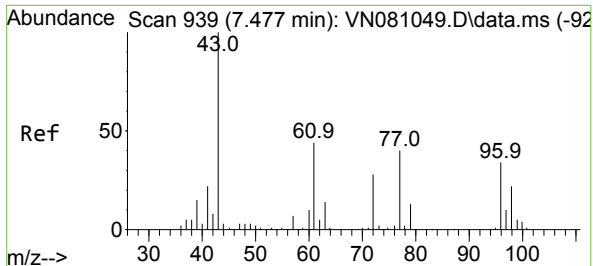
Tgt Ion: 43 Resp: 6382
Ion Ratio Lower Upper
43 100
74 25.5 17.3 25.9



#20
Methylene Chloride
Concen: 4.640 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion: 84 Resp: 18734
Ion Ratio Lower Upper
84 100
49 98.9 108.1 162.1#
51 21.8 32.9 49.3#
86 49.9 48.6 73.0





#25

2-Butanone

Concen: 3.999 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.012 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

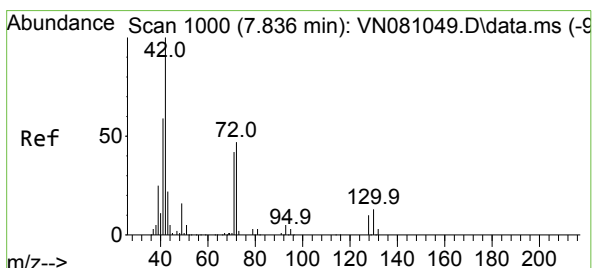
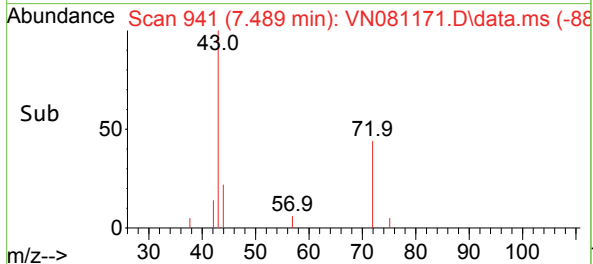
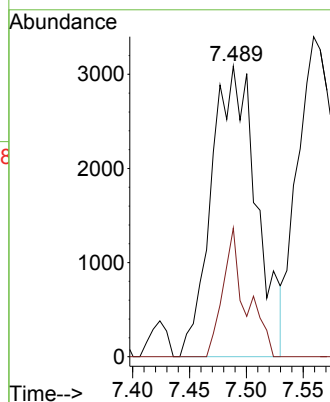
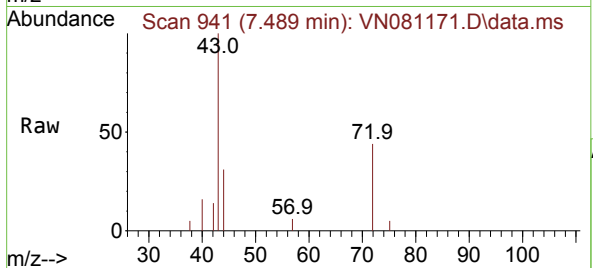
SB-1

Tgt Ion: 43 Resp: 8532

Ion Ratio Lower Upper

43 100

72 44.3 19.5 29.3#



#29

Tetrahydrofuran

Concen: 4.671 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

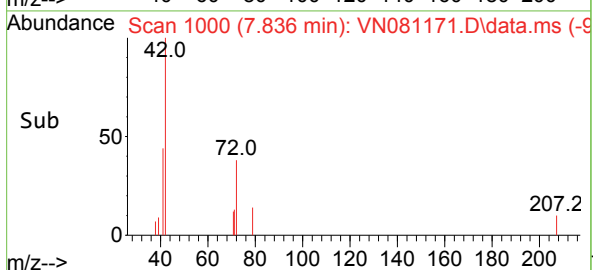
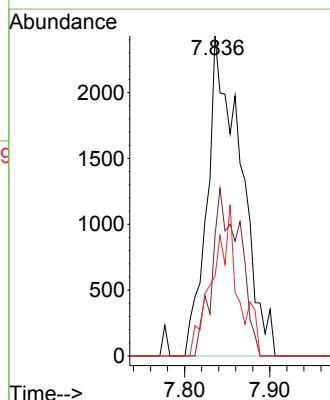
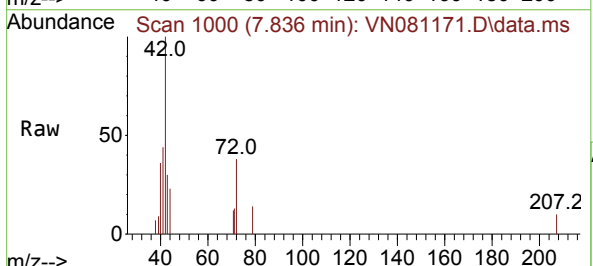
Tgt Ion: 42 Resp: 6653

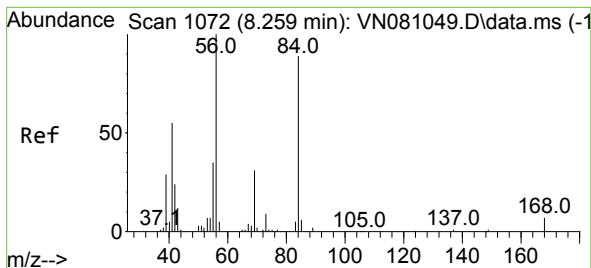
Ion Ratio Lower Upper

42 100

72 43.4 31.1 46.7

71 35.5 28.3 42.5





#31

Cyclohexane

Concen: 1.317 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

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ClientSampleId :

SB-1

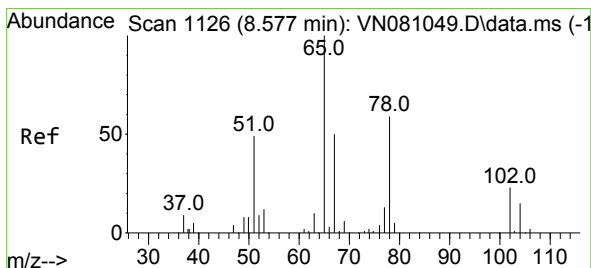
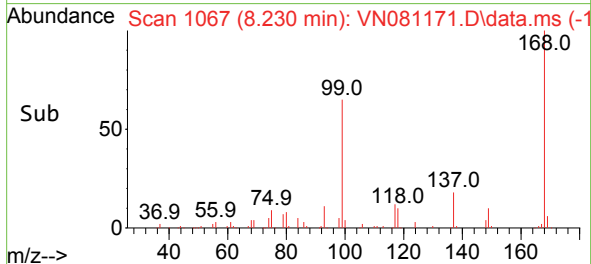
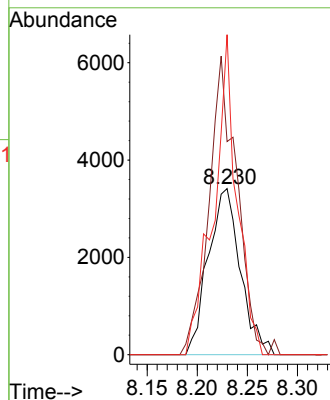
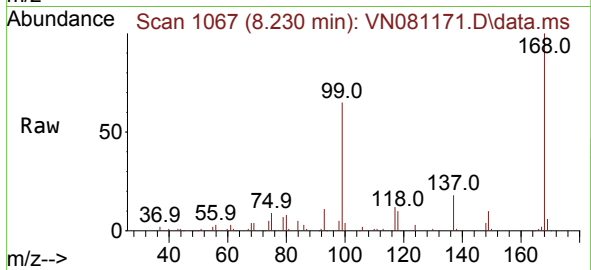
Tgt Ion: 56 Resp: 7630

Ion Ratio Lower Upper

56 100

69 128.3 20.1 30.1#

84 192.6 56.9 85.3#



#33

1,2-Dichloroethane-d4

Concen: 54.800 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081171.D

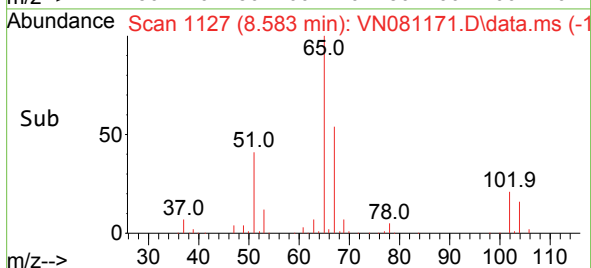
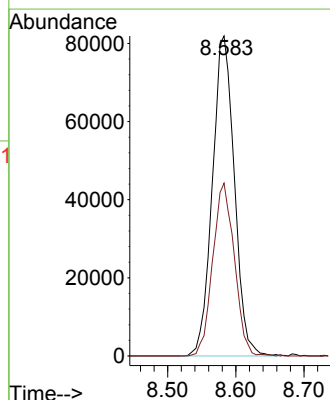
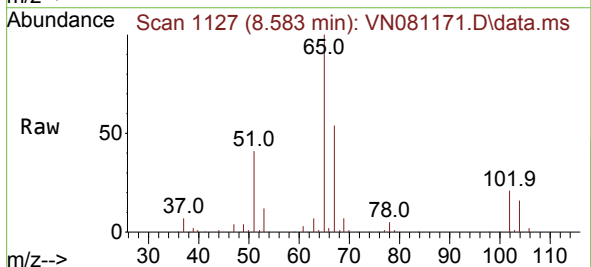
Acq: 23 Feb 2024 20:09

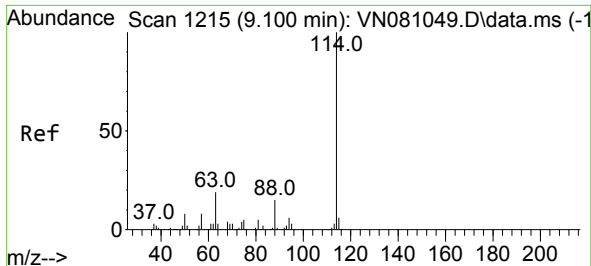
Tgt Ion: 65 Resp: 183932

Ion Ratio Lower Upper

65 100

67 53.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

SB-1

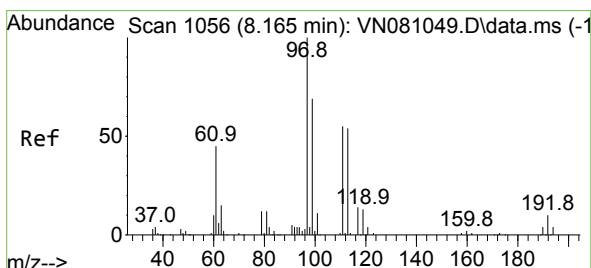
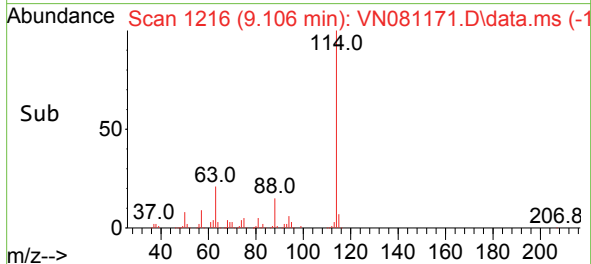
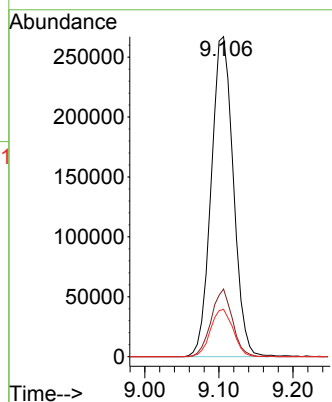
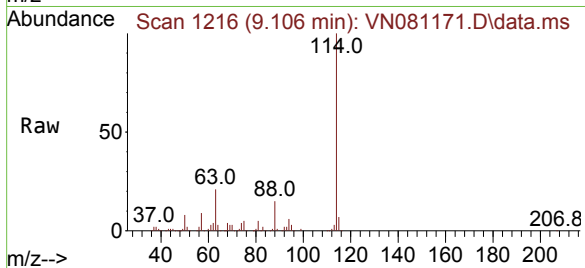
Tgt Ion:114 Resp: 553401

Ion Ratio Lower Upper

114 100

63 21.2 0.0 48.0

88 14.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.742 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

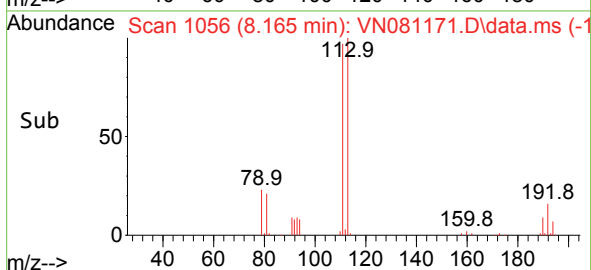
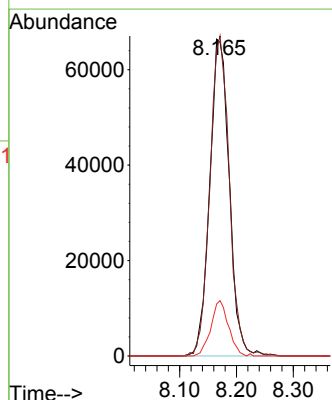
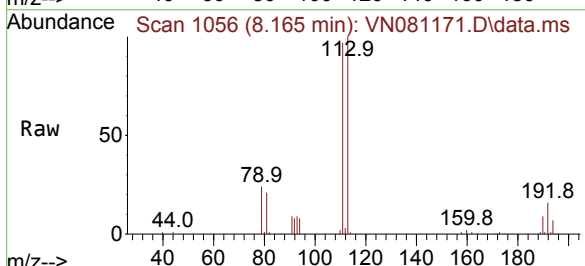
Tgt Ion:113 Resp: 158787

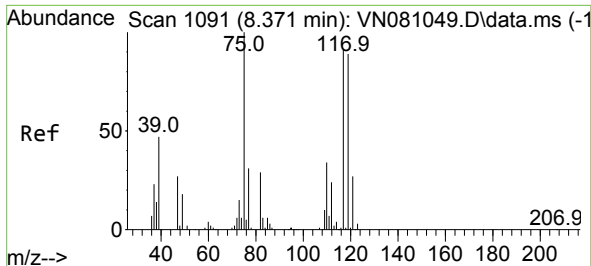
Ion Ratio Lower Upper

113 100

111 99.9 82.2 123.4

192 15.7 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.598 ug/l

RT: 8.230 min Scan# 1091

Delta R.T. -0.141 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

SB-1

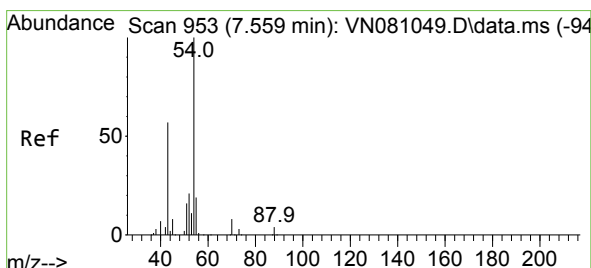
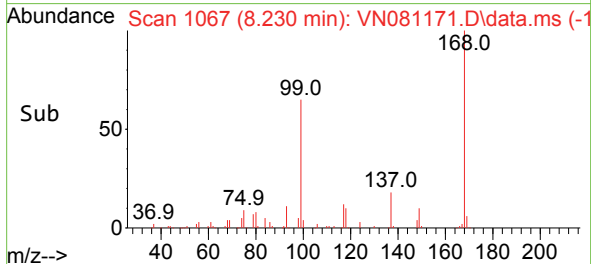
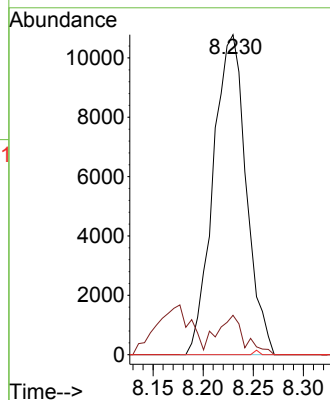
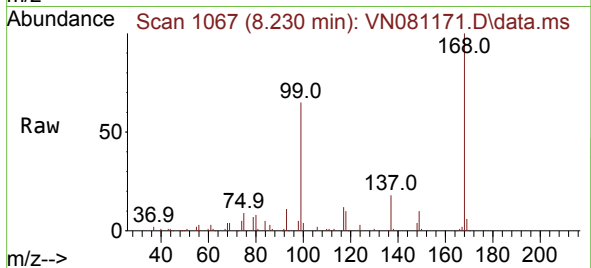
Tgt Ion: 75 Resp: 24650

Ion Ratio Lower Upper

75 100

110 10.3 16.0 48.0#

77 0.0 25.8 38.6#



#37

Ethyl Acetate

Concen: 1.782 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

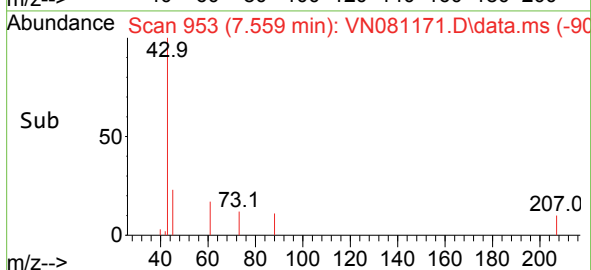
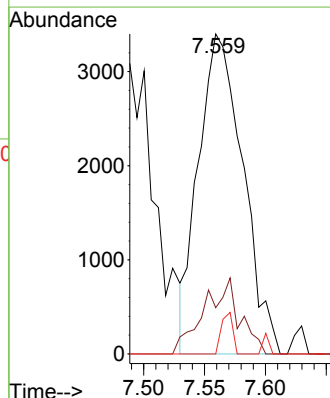
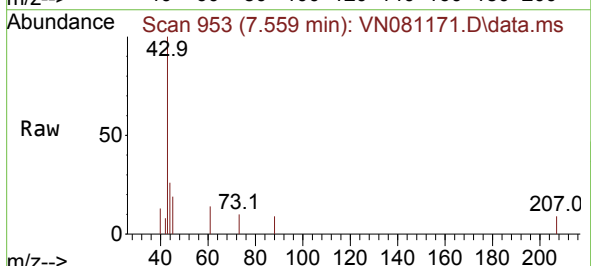
Tgt Ion: 43 Resp: 8623

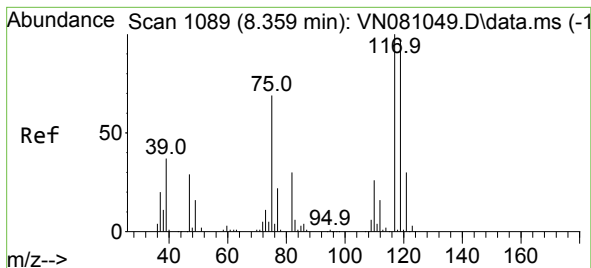
Ion Ratio Lower Upper

43 100

61 19.1 10.6 15.8#

70 3.3 8.0 12.0#





#38

Carbon Tetrachloride

Concen: 5.950 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN081171.D

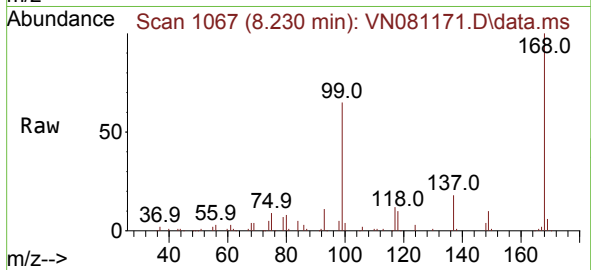
Acq: 23 Feb 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

SB-1



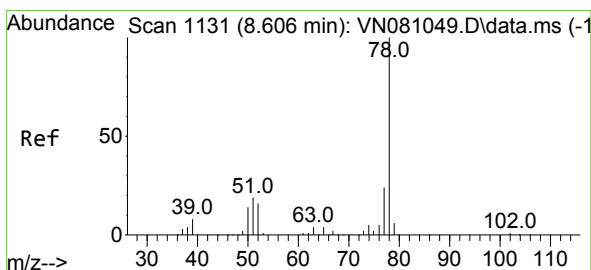
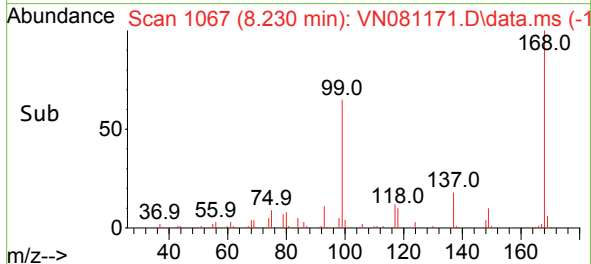
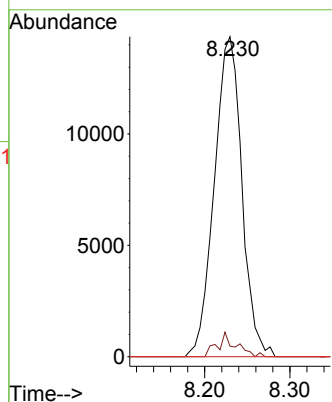
Tgt Ion:117 Resp: 32274

Ion Ratio Lower Upper

117 100

119 3.3 73.4 110.2#

121 0.0 24.4 36.6#



#40

Benzene

Concen: 2.871 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081171.D

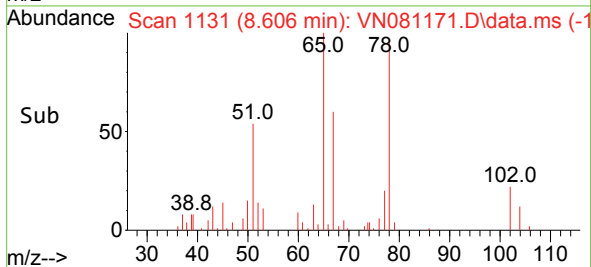
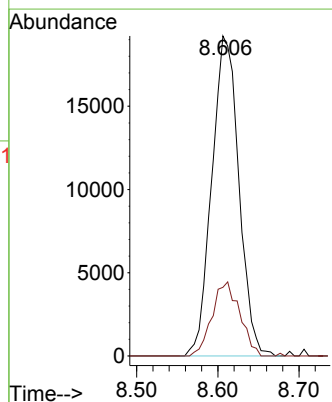
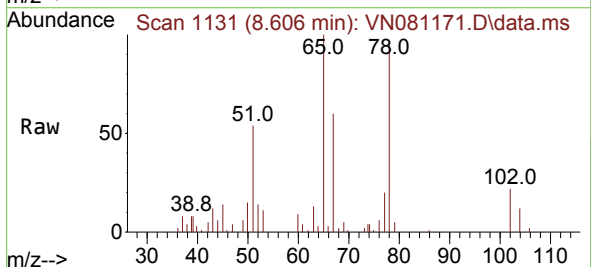
Acq: 23 Feb 2024 20:09

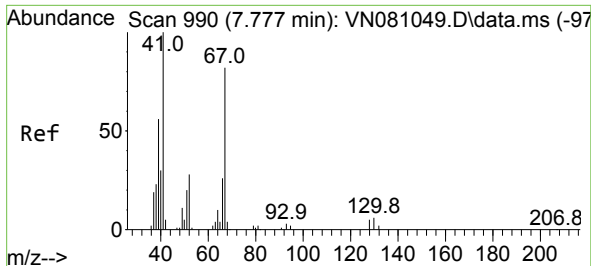
Tgt Ion: 78 Resp: 44552

Ion Ratio Lower Upper

78 100

77 21.4 20.4 30.6

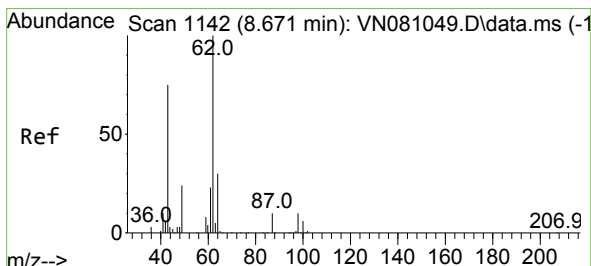
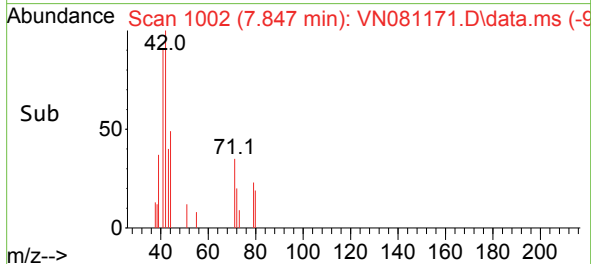
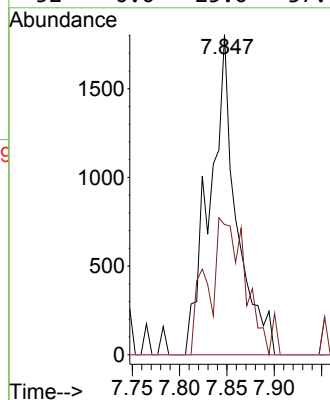
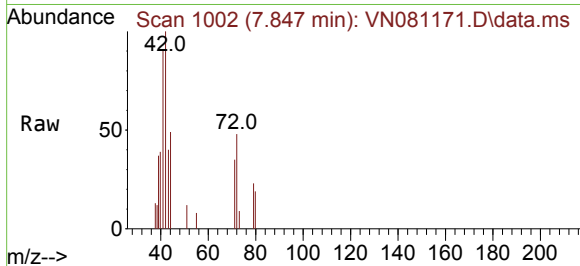




#41
Methacrylonitrile
Concen: 1.294 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.071 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

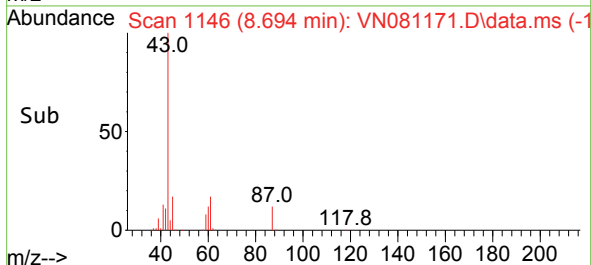
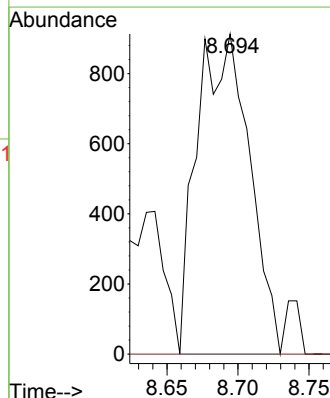
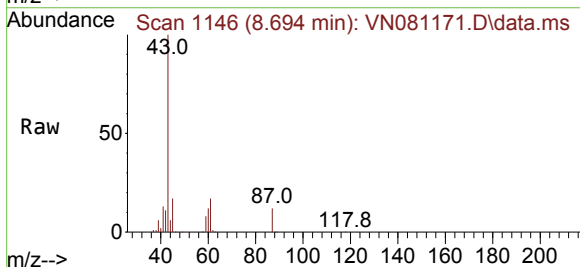
Instrument :
MSVOA_N
ClientSampleId :
SB-1

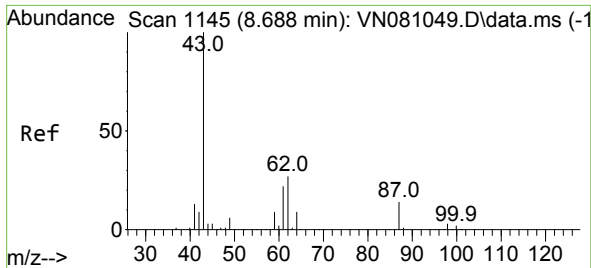
Tgt Ion:	41	Resp:	3562
Ion	Ratio	Lower	Upper
41	100		
39	43.7	48.4	72.6#
67	0.0	56.8	85.2#
52	0.0	25.0	37.4#



#42
1,2-Dichloroethane
Concen: 0.431 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.024 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion:	62	Resp:	2333
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.0

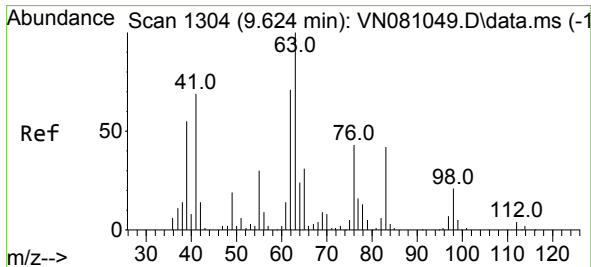
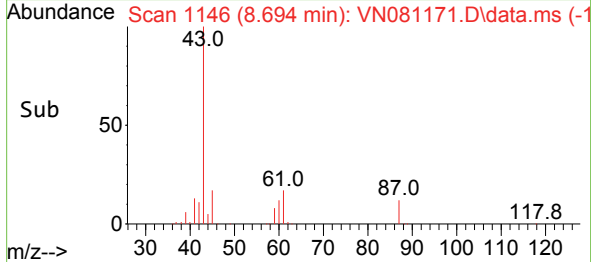
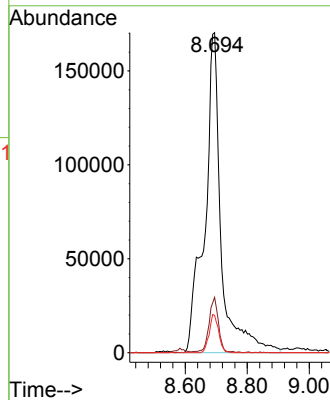
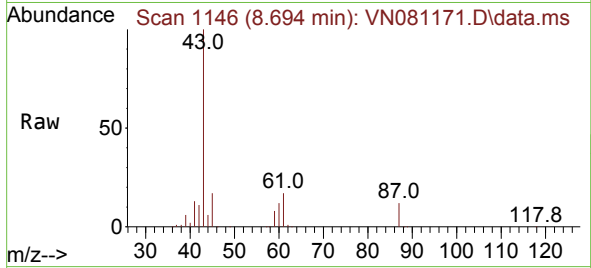




#43
Isopropyl Acetate
Concen: 74.330 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

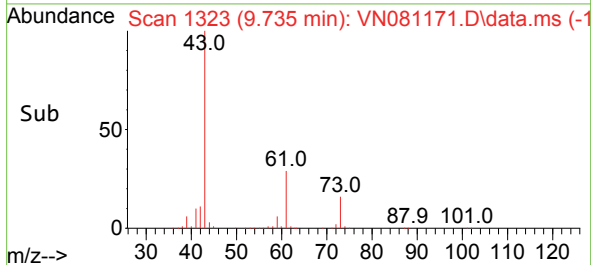
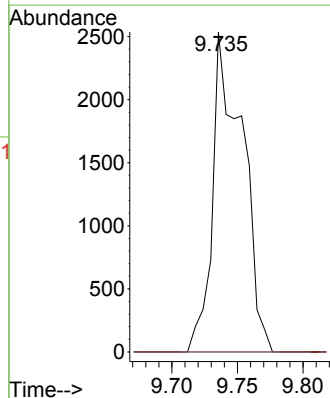
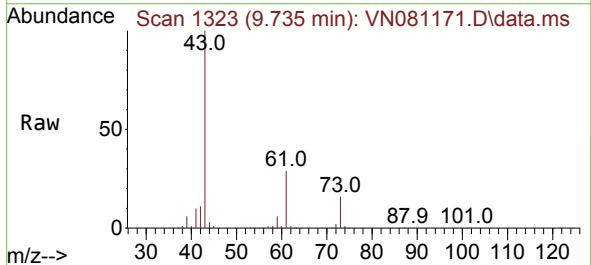
Instrument :
MSVOA_N
ClientSampleId :
SB-1

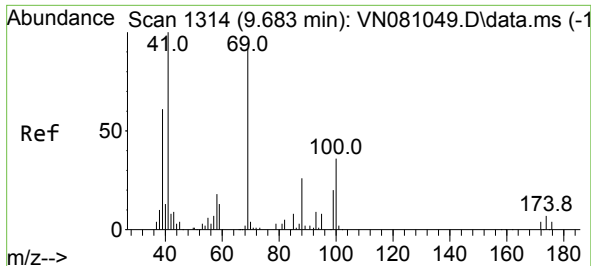
Tgt Ion: 43 Resp: 629000
Ion Ratio Lower Upper
43 100
61 9.9 19.9 29.9#
87 6.8 9.0 13.6#



#45
1,2-Dichloropropane
Concen: 1.037 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.112 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion: 63 Resp: 4024
Ion Ratio Lower Upper
63 100
65 0.0 26.1 39.1#

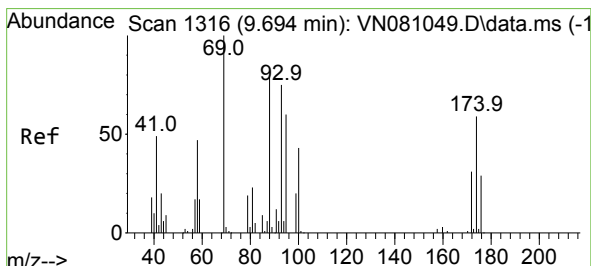
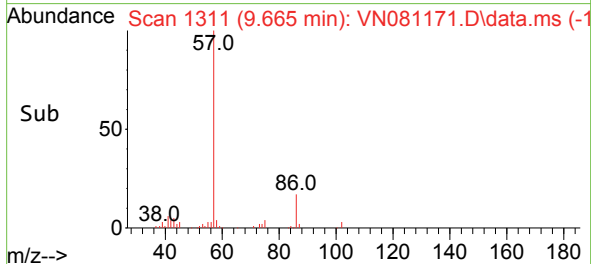
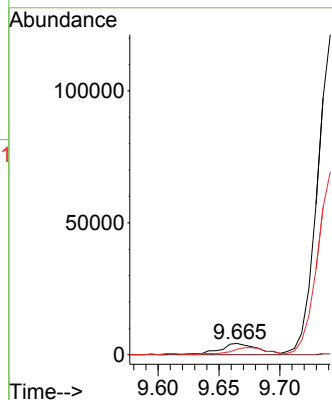
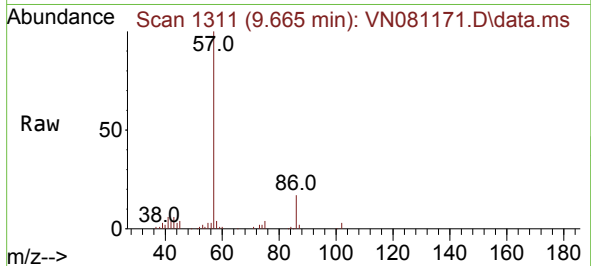




#48
Methyl methacrylate
Concen: 2.345 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

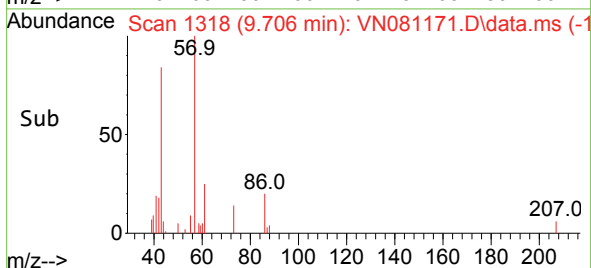
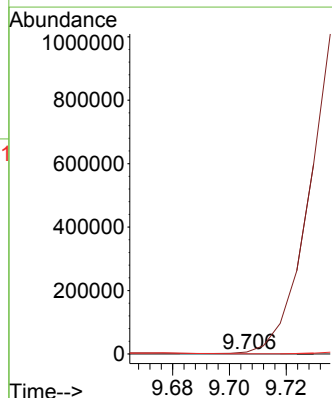
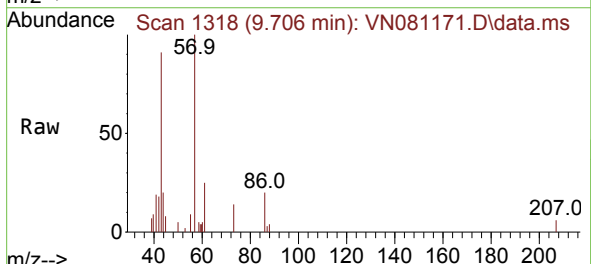
Instrument :
MSVOA_N
ClientSampleId :
SB-1

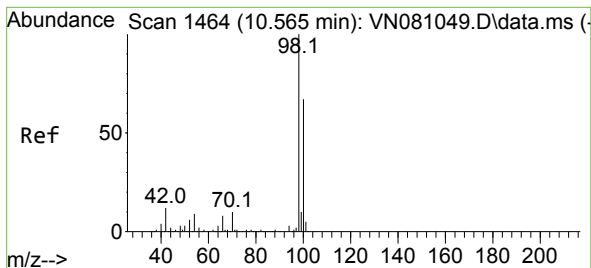
Tgt Ion: 41 Resp: 9234
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.2#
39 62.0 47.6 71.4



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.706 min Scan# 1318
Delta R.T. 0.012 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion: 88 Resp: 237
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1#
58 0.0 63.9 95.9#

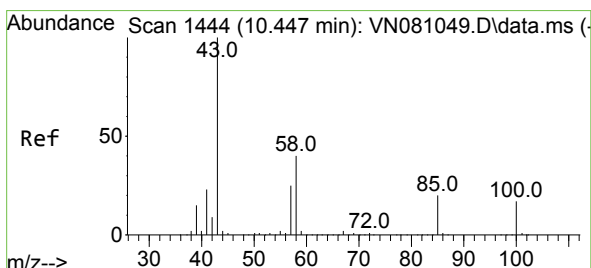
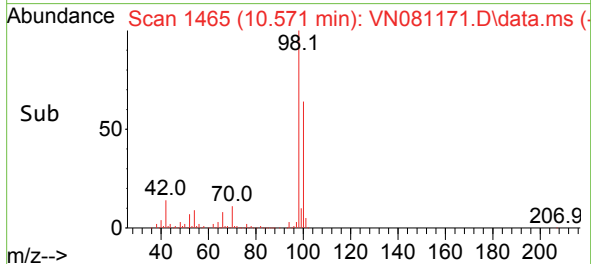
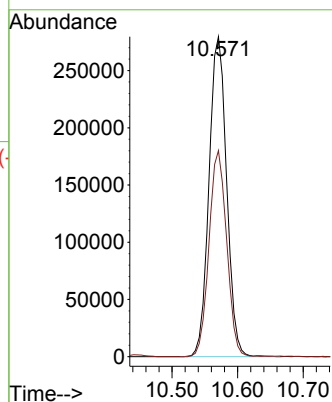
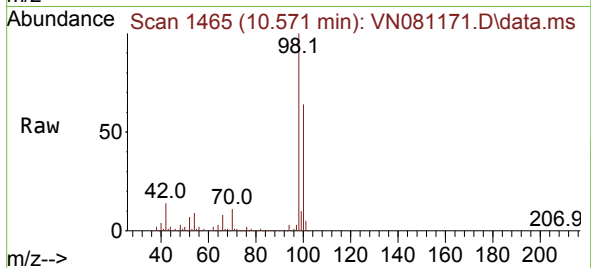




#50
Toluene-d8
Concen: 46.921 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

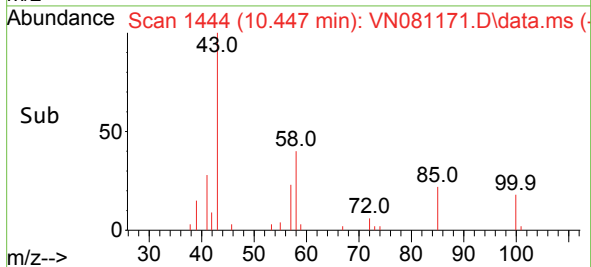
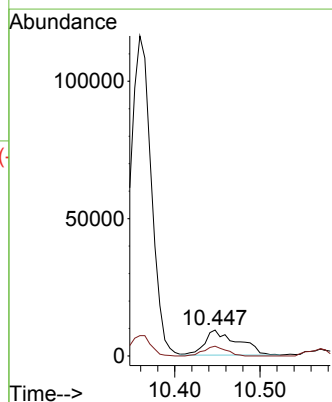
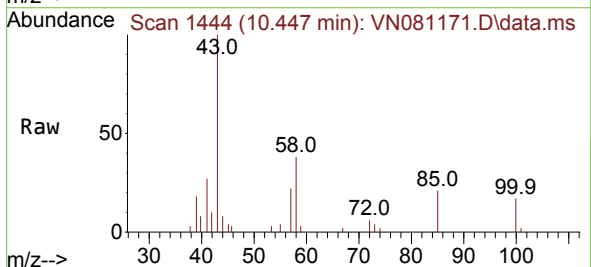
Instrument :
MSVOA_N
ClientSampleId :
SB-1

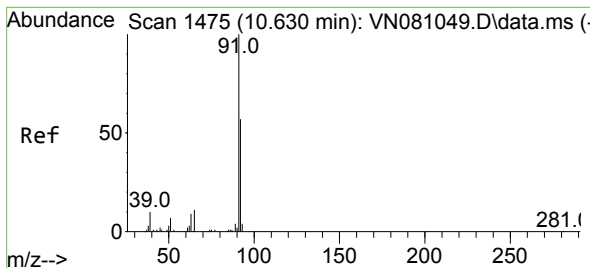
Tgt Ion: 98 Resp: 521505
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 5.068 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion: 43 Resp: 24669
Ion Ratio Lower Upper
43 100
58 26.4 29.4 44.0#





#52

Toluene

Concen: 2.890 ug/l

RT: 10.635 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

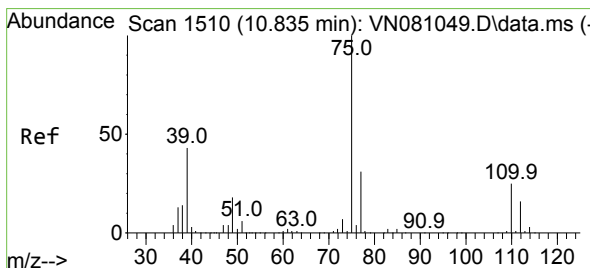
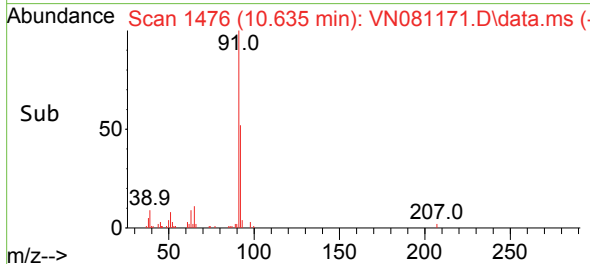
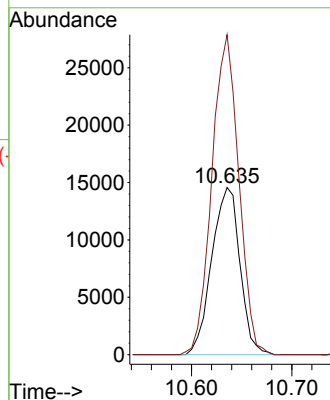
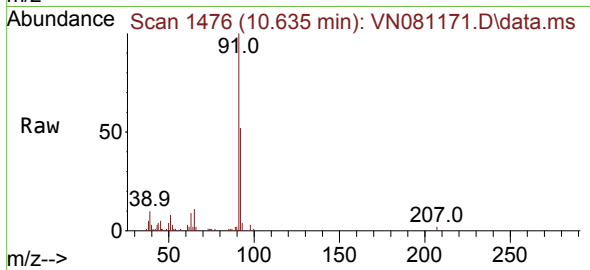
SB-1

Tgt Ion: 92 Resp: 28389

Ion Ratio Lower Upper

92 100

91 183.1 139.4 209.0



#53

t-1,3-Dichloropropene

Concen: 0.341 ug/l

RT: 10.730 min Scan# 1492

Delta R.T. -0.106 min

Lab File: VN081171.D

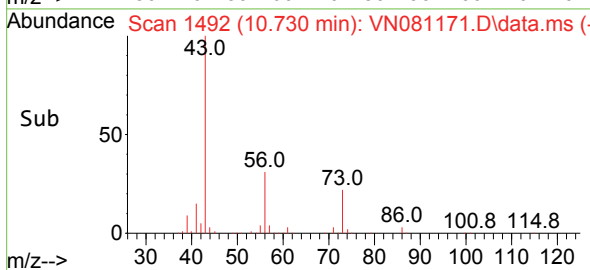
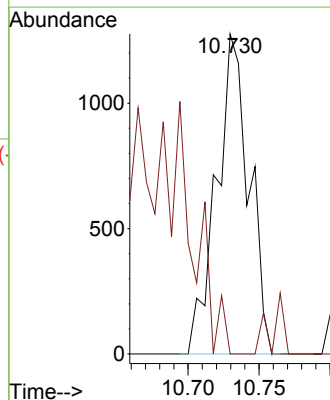
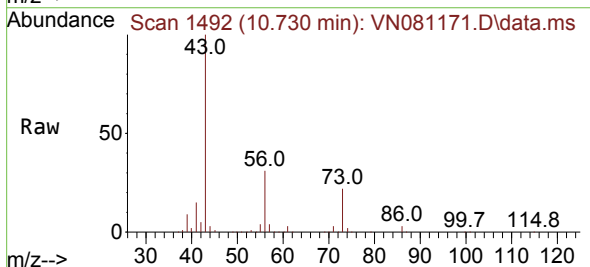
Acq: 23 Feb 2024 20:09

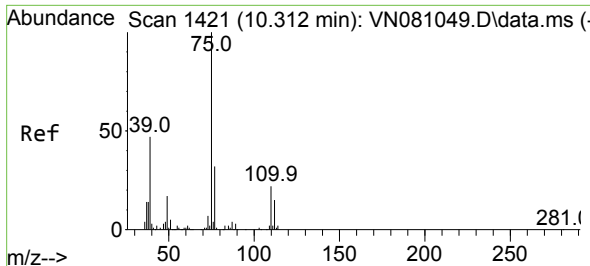
Tgt Ion: 75 Resp: 2027

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

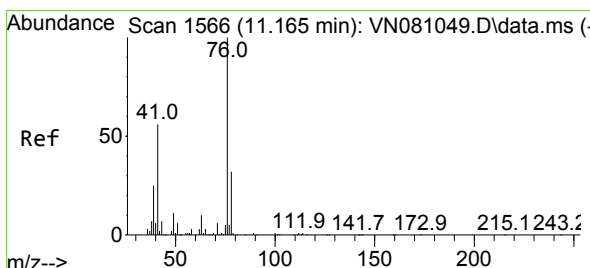
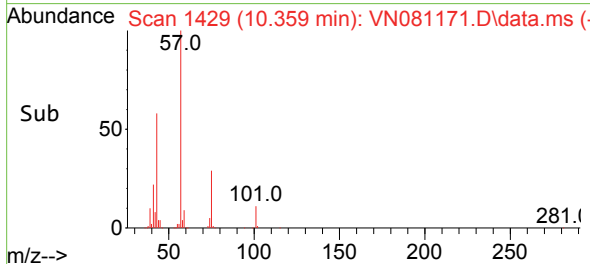
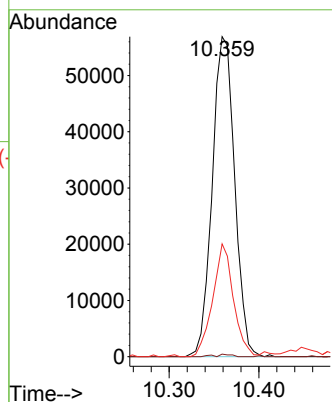
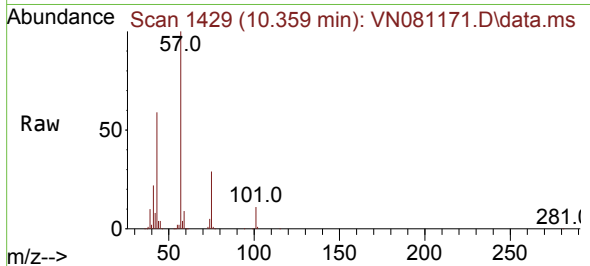




#54
 cis-1,3-Dichloropropene
 Concen: 15.375 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN081171.D
 Acq: 23 Feb 2024 20:09

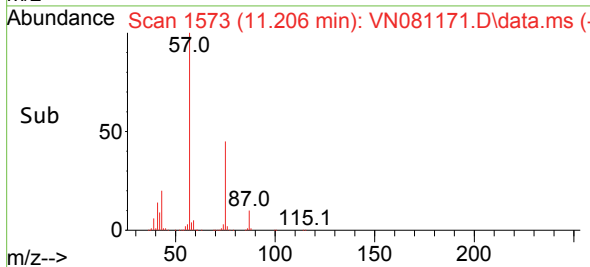
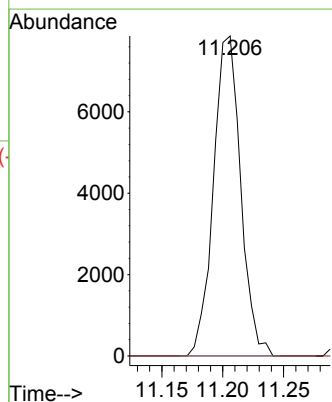
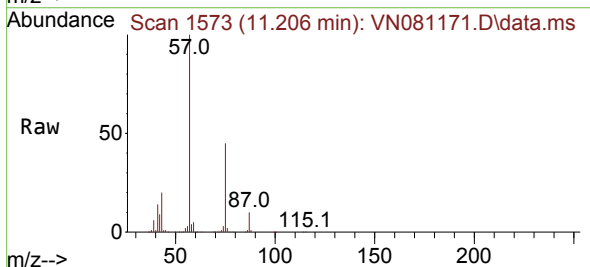
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

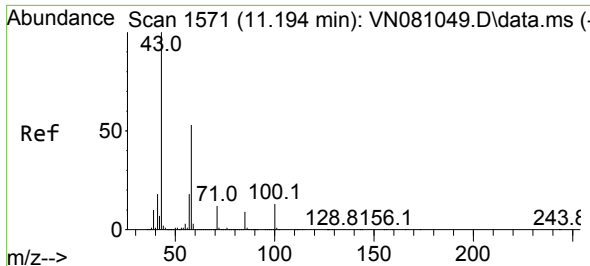
Tgt Ion: 75 Resp: 98880
 Ion Ratio Lower Upper
 75 100
 77 0.8 23.3 34.9#
 39 35.3 44.6 66.8#



#57
 1,3-Dichloropropane
 Concen: 1.870 ug/l
 RT: 11.206 min Scan# 1573
 Delta R.T. 0.041 min
 Lab File: VN081171.D
 Acq: 23 Feb 2024 20:09

Tgt Ion: 76 Resp: 12216
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#

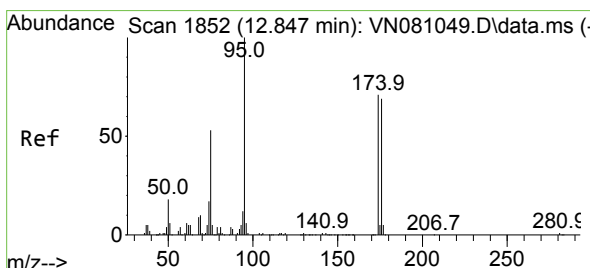
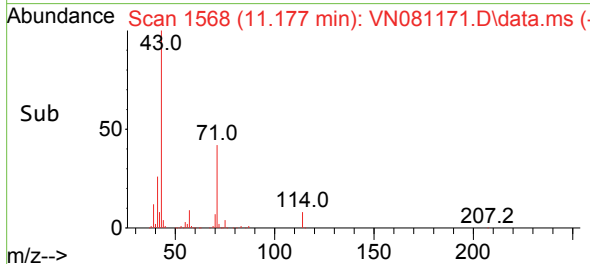
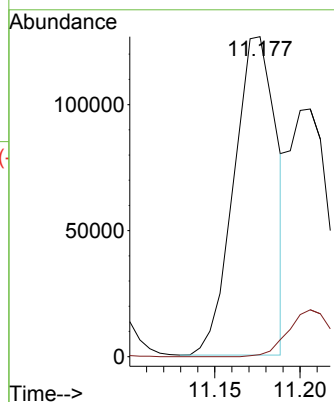
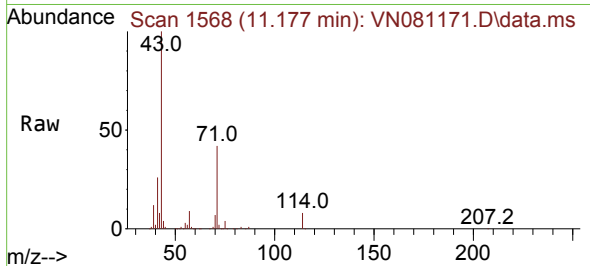




#59
2-Hexanone
Concen: 56.736 ug/l
RT: 11.177 min Scan# 11177
Delta R.T. -0.018 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

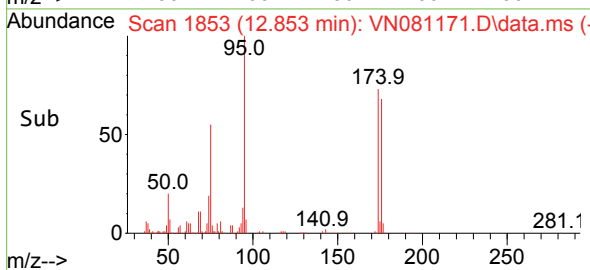
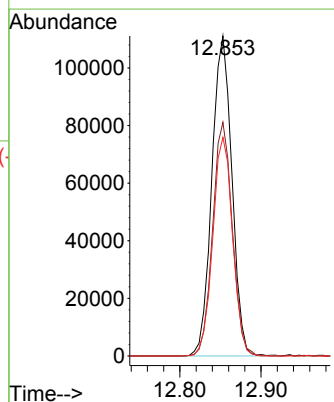
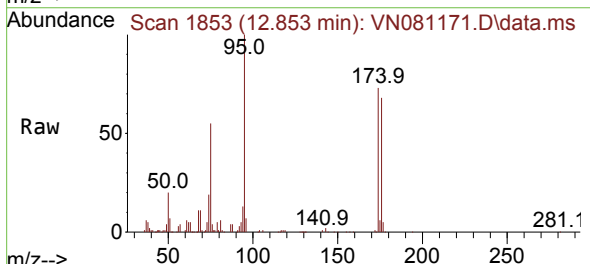
Instrument :
MSVOA_N
ClientSampleId :
SB-1

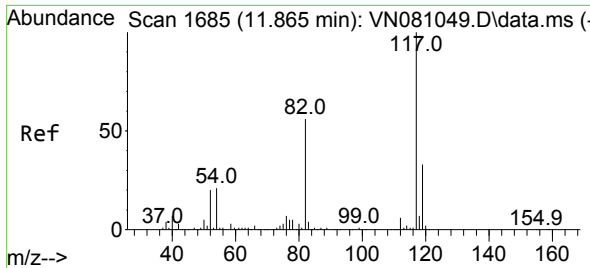
Tgt Ion: 43 Resp: 218962
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 45.520 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion: 95 Resp: 190104
Ion Ratio Lower Upper
95 100
174 71.7 0.0 120.4
176 67.5 0.0 121.0

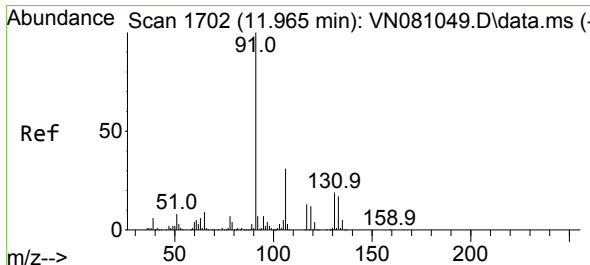
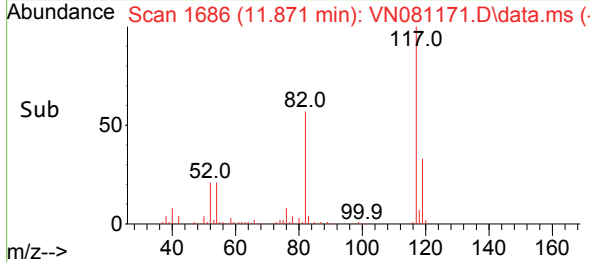
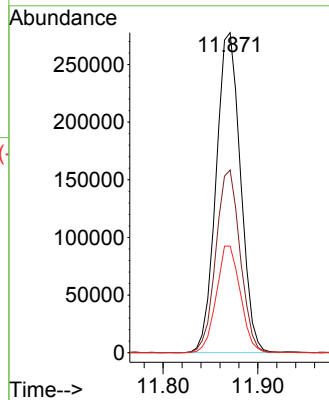
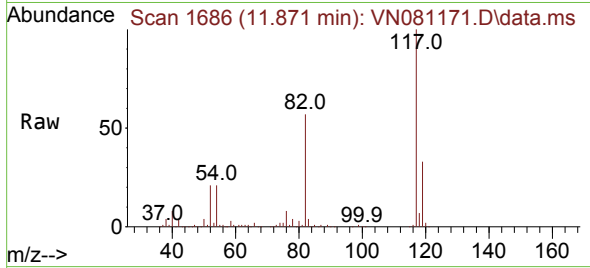




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

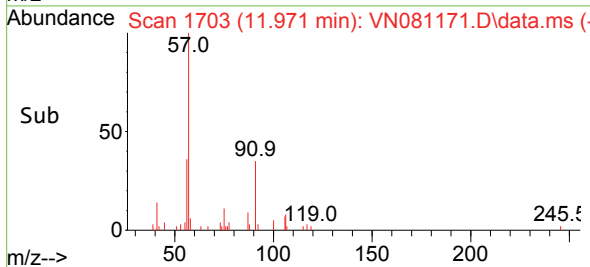
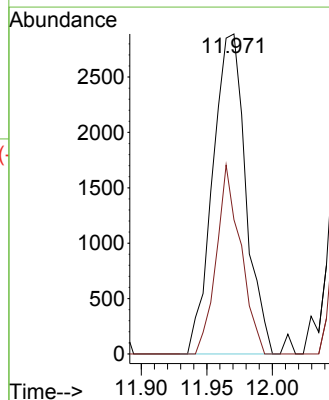
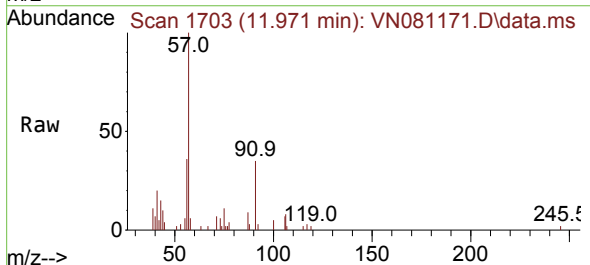
Instrument :
MSVOA_N
ClientSampleId :
SB-1

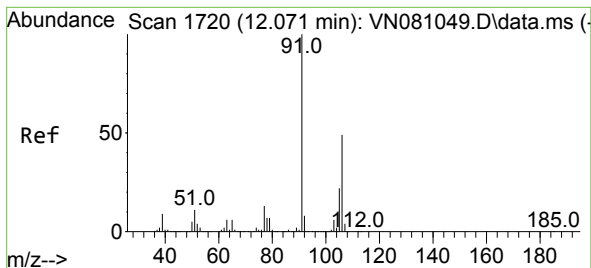
Tgt Ion:117 Resp: 497504
Ion Ratio Lower Upper
117 100
82 57.1 52.7 79.1
119 33.3 25.3 37.9



#67
Ethyl Benzene
Concen: 0.263 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion: 91 Resp: 5059
Ion Ratio Lower Upper
91 100
106 42.0 23.8 35.6#





#68

m/p-Xylenes

Concen: 1.379 ug/l

RT: 12.077 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

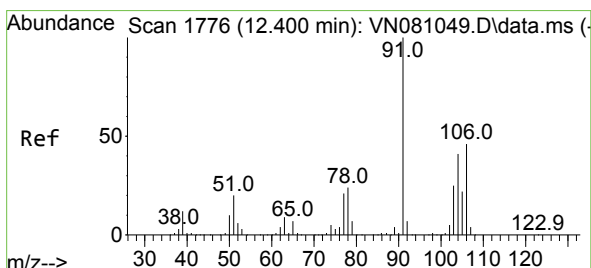
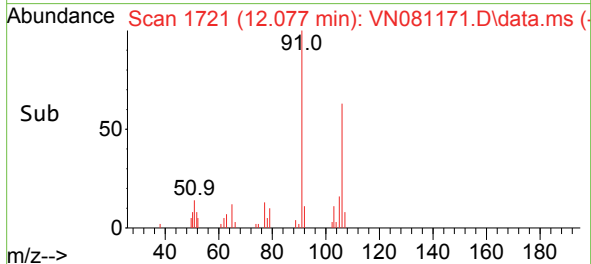
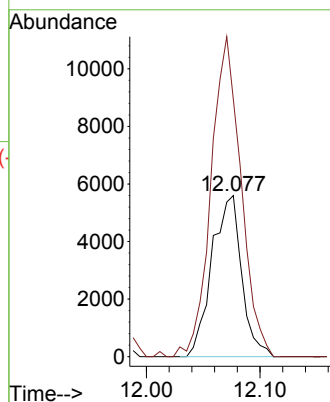
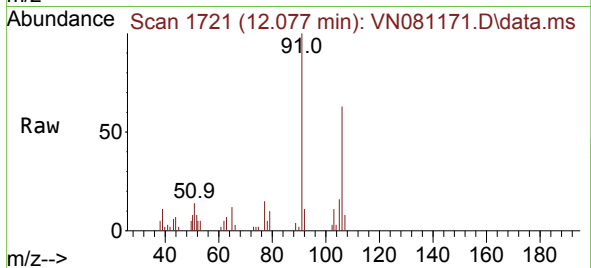
SB-1

Tgt Ion:106 Resp: 10185

Ion Ratio Lower Upper

106 100

91 199.9 169.0 253.6



#69

o-Xylene

Concen: 1.228 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN081171.D

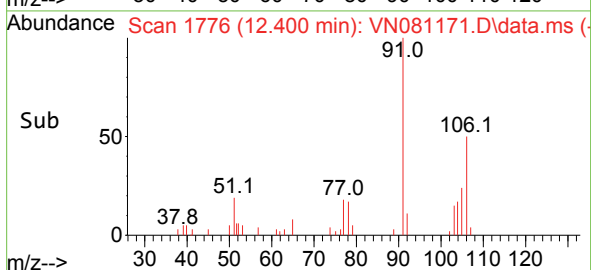
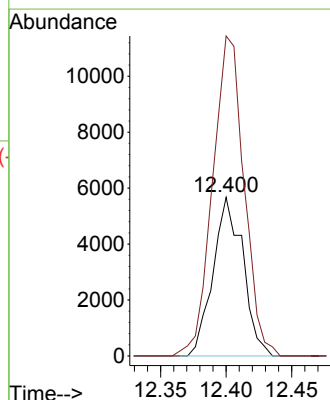
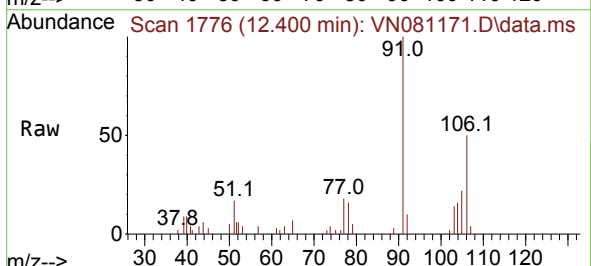
Acq: 23 Feb 2024 20:09

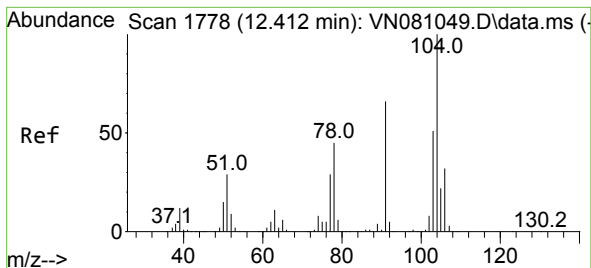
Tgt Ion:106 Resp: 8992

Ion Ratio Lower Upper

106 100

91 212.2 112.1 336.3





#70

Styrene

Concen: 0.503 ug/l

RT: 12.418 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

SB-1

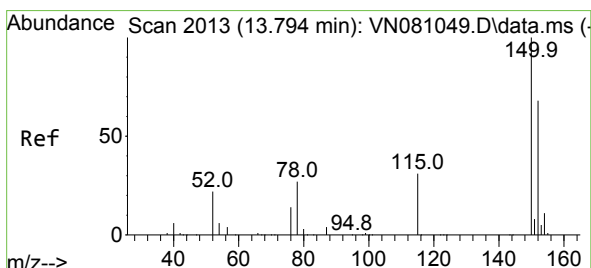
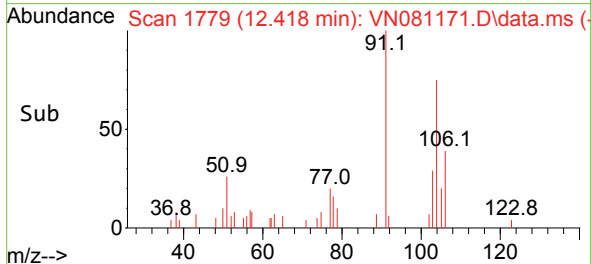
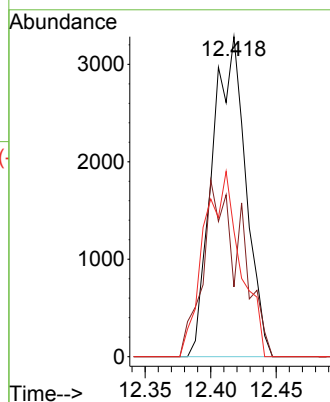
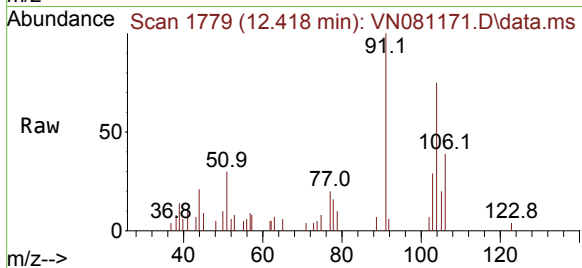
Tgt Ion:104 Resp: 5833

Ion Ratio Lower Upper

104 100

78 62.2 43.8 65.8

103 63.1 44.2 66.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

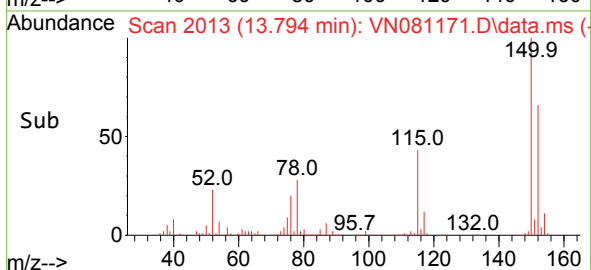
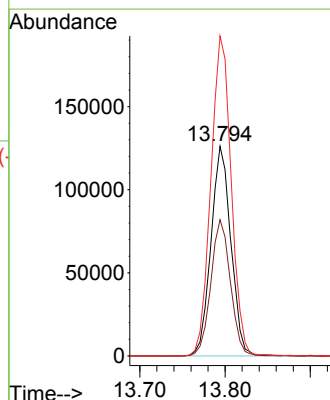
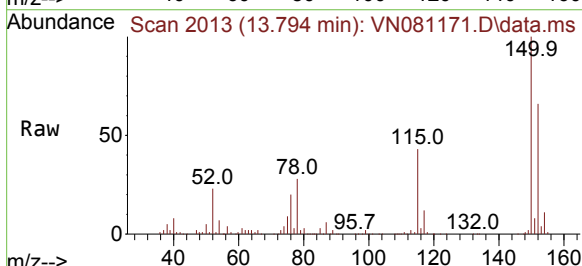
Tgt Ion:152 Resp: 204775

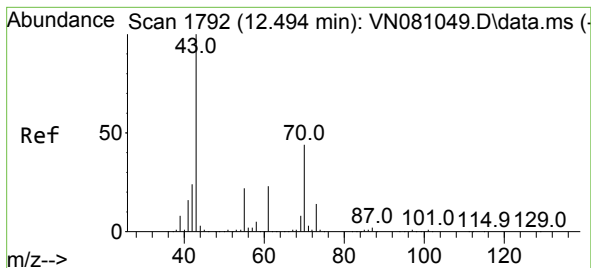
Ion Ratio Lower Upper

152 100

115 63.8 32.3 96.8

150 155.9 0.0 339.8





#74

N-amy1 acetate

Concen: 5.790 ug/l

RT: 12.306 min Scan# 1

Delta R.T. -0.188 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

SB-1

Tgt Ion: 43 Resp: 43843

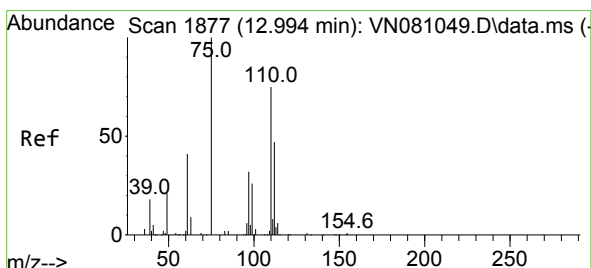
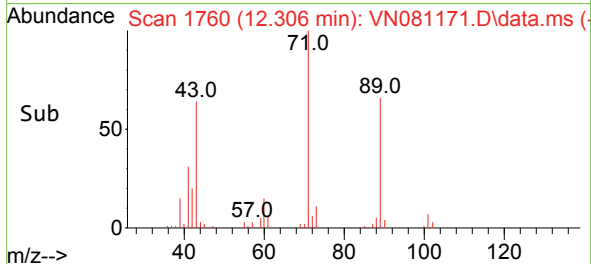
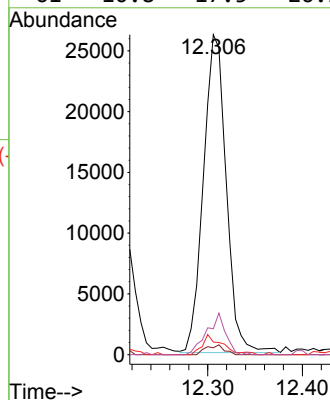
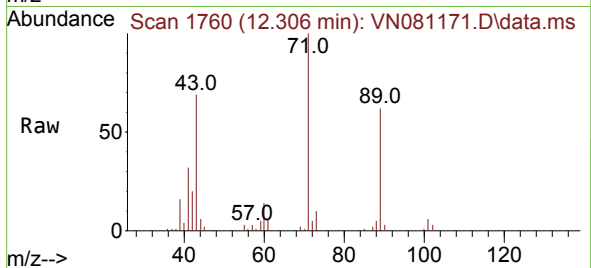
Ion Ratio Lower Upper

43 100

70 2.4 30.1 45.1#

55 5.5 17.0 25.4#

61 10.8 17.5 26.3#



#76

1,2,3-Trichloropropane

Concen: 21.993 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081171.D

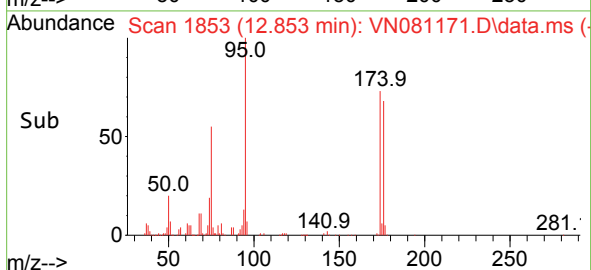
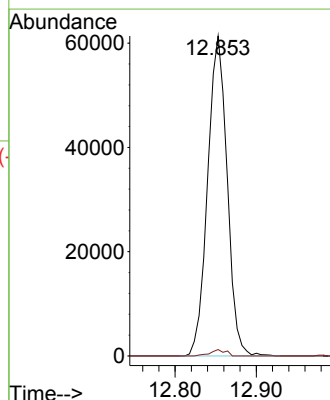
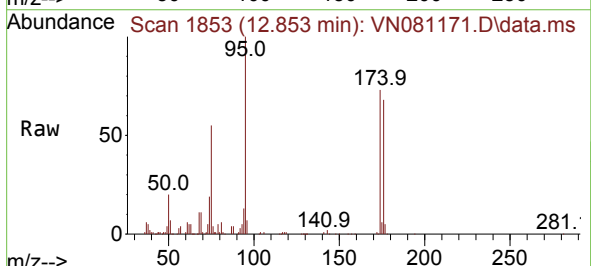
Acq: 23 Feb 2024 20:09

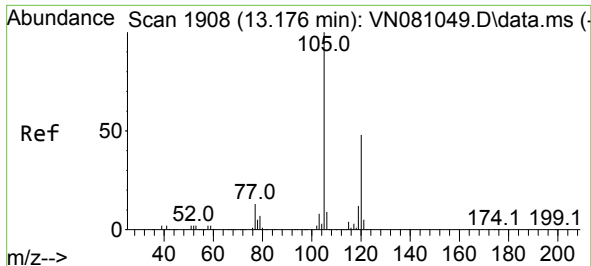
Tgt Ion: 75 Resp: 102325

Ion Ratio Lower Upper

75 100

77 1.6 91.0 272.8#

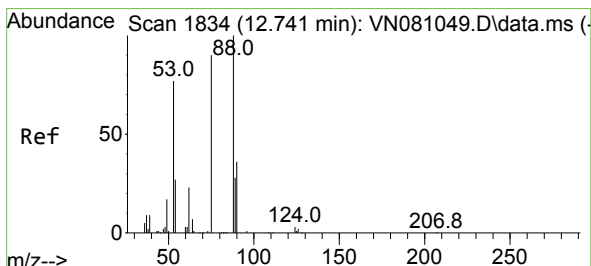
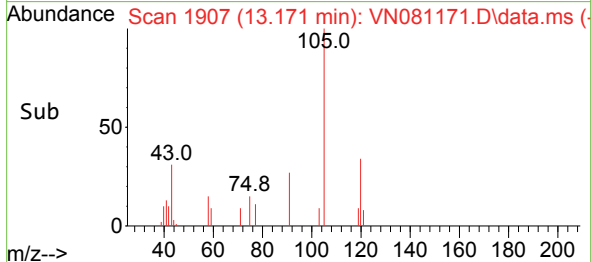
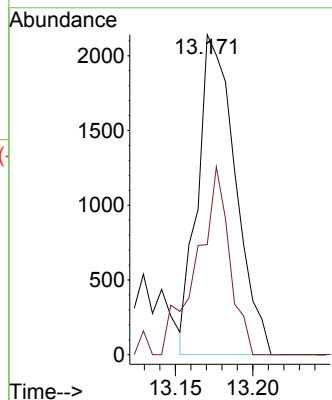
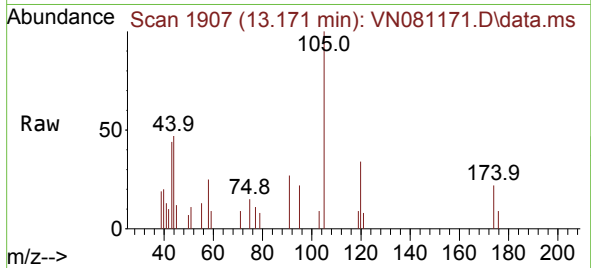




#80
 1,3,5-Trimethylbenzene
 Concen: 0.249 ug/l
 RT: 13.171 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VN081171.D
 Acq: 23 Feb 2024 20:09

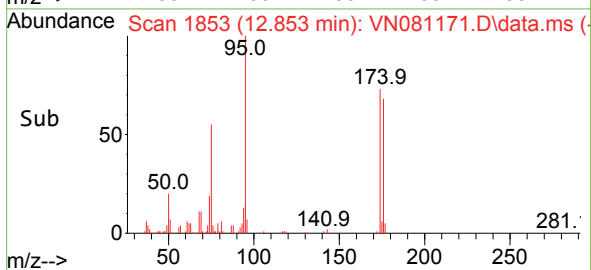
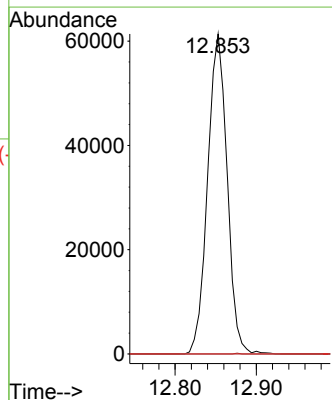
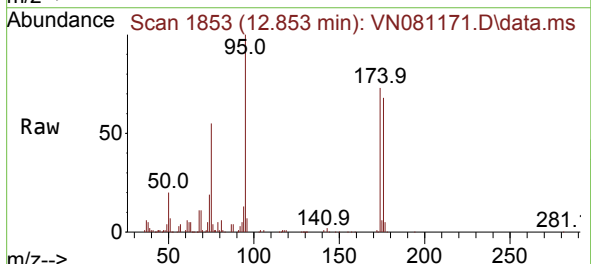
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

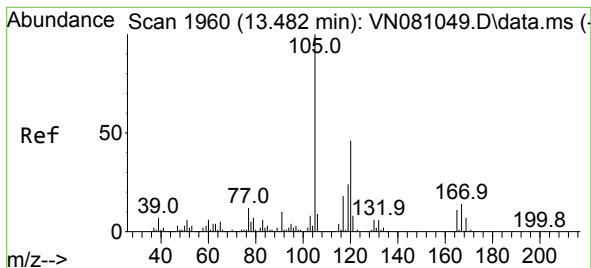
Tgt Ion:105 Resp: 3614
 Ion Ratio Lower Upper
 105 100
 120 51.1 23.0 69.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.608 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN081171.D
 Acq: 23 Feb 2024 20:09

Tgt Ion: 75 Resp: 102325
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#





#84

1,2,4-Trimethylbenzene

Concen: 0.806 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

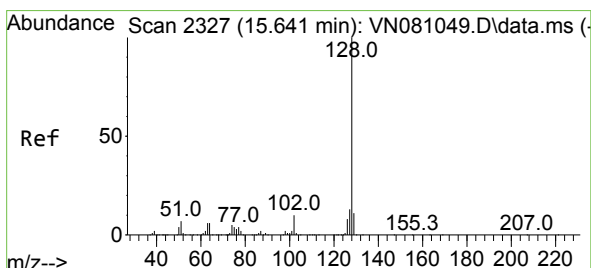
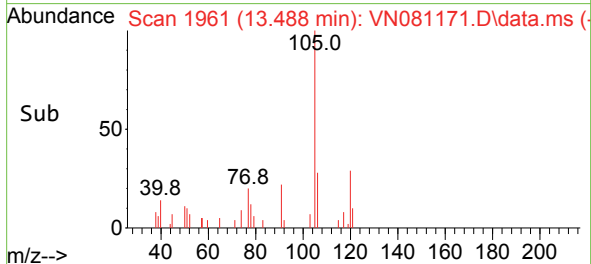
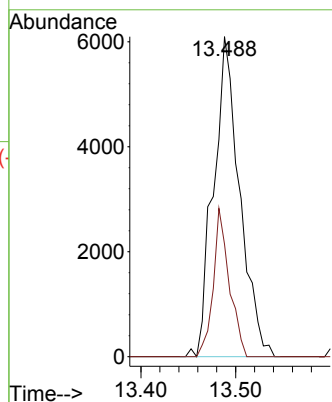
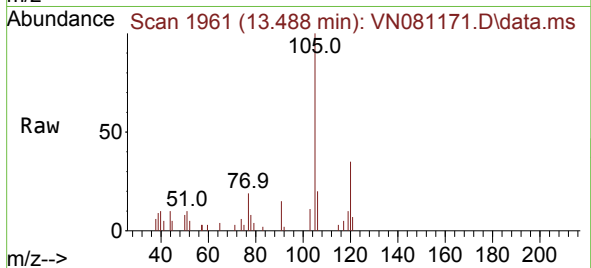
SB-1

Tgt Ion:105 Resp: 11671

Ion Ratio Lower Upper

105 100

120 28.5 20.9 62.7



#95

Naphthalene

Concen: 19.879 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

Tgt Ion:128 Resp: 295859

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 11.4 8.7 13.1

