

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078489.D
 Acq On : 13 Jul 2023 11:07
 Operator : JC\MD
 Sample : VN0713MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713MBL01

Quant Time: Jul 14 01:29:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	420402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	758017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	692359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236156	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	279863	49.657	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.320%
35) Dibromofluoromethane	8.177	113	283304	55.057	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.120%
50) Toluene-d8	10.570	98	868398	44.674	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.340%
62) 4-Bromofluorobenzene	12.853	95	296223	49.473	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.940%

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	1916	0.342	ug/l #	82
5) Bromomethane	2.971	94	3592	Below Cal	#	52
6) Chloroethane	3.124	64	304	Below Cal	#	1
10) Methyl Iodide	4.600	142	1338	0.212	ug/l #	86
11) Tert butyl alcohol	5.518	59	1067	1.228	ug/l #	72
13) Acrolein	4.189	56	493	0.577	ug/l	92
15) Acrylonitrile	5.741	53	1065	0.485	ug/l #	77
16) Acetone	4.465	43	2271	1.294	ug/l	90
17) Carbon Disulfide	4.718	76	5384	0.420	ug/l #	95
20) Methylene Chloride	5.288	84	4862	Below Cal		93
25) 2-Butanone	7.500	43	1126	0.407	ug/l #	75
29) Tetrahydrofuran	7.853	42	407	0.224	ug/l #	38
31) Cyclohexane	8.235	56	9238	1.213	ug/l #	15
36) 1,1-Dichloropropene	8.229	75	34367	4.626	ug/l #	48
38) Carbon Tetrachloride	8.235	117	45130	5.589	ug/l #	15
49) 1,4-Dioxane	9.706	88	184	1.786	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	3684	0.607	ug/l #	77
59) 2-Hexanone	11.206	43	5182	1.202	ug/l	78
68) m/p-Xylenes	12.076	106	2660	0.275	ug/l	82
74) N-amyl acetate	12.512	43	1833	0.240	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.941	83	1566	Below Cal	#	91
76) 1,2,3-Trichloropropane	12.853	75	159574	27.955	ug/l #	1
77) Bromobenzene	12.988	156	1298	Below Cal		68
81) trans-1,4-Dichloro-2-b...	12.853	75	159574	73.461	ug/l #	15
82) 4-Chlorotoluene	13.235	91	4096	0.282	ug/l	89
84) 1,2,4-Trimethylbenzene	13.488	105	4493	0.264	ug/l	90
85) sec-Butylbenzene	13.623	105	5070	0.269	ug/l	90
86) p-Isopropyltoluene	13.729	119	4169	0.276	ug/l	90
87) 1,3-Dichlorobenzene	13.741	146	3504	0.411	ug/l	93
88) 1,4-Dichlorobenzene	13.741	146	3504	0.408	ug/l	92
89) n-Butylbenzene	14.058	91	7295	0.675	ug/l	93
90) Hexachloroethane	14.341	117	710	Below Cal		90
91) 1,2-Dichlorobenzene	14.117	146	3583	0.423	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.729	75	582	Below Cal		97
93) 1,2,4-Trichlorobenzene	15.394	180	3162	1.169	ug/l	88
94) Hexachlorobutadiene	15.505	225	2534	Below Cal		76

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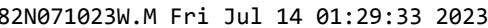
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBL01

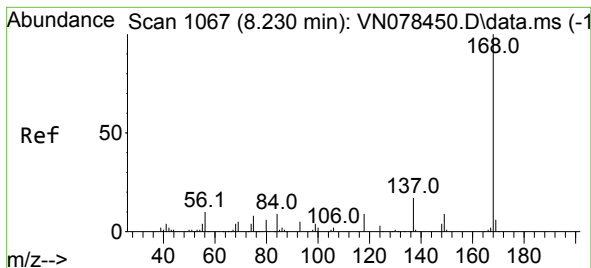
Quant Time: Jul 14 01:29:18 2023
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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.647	128	13230	1.430	ug/l	97
96) 1,2,3-Trichlorobenzene	15.852	180	4459	1.433	ug/l	85

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078489.D

Acq: 13 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

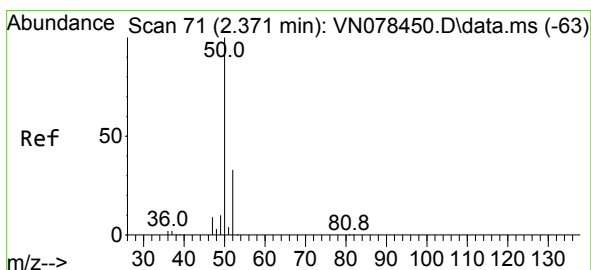
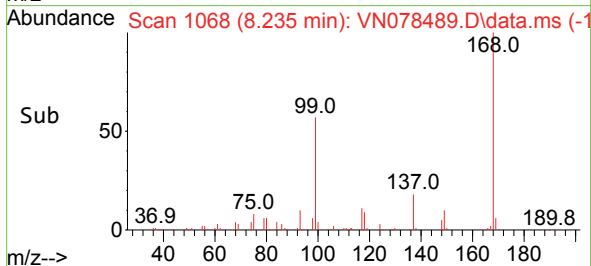
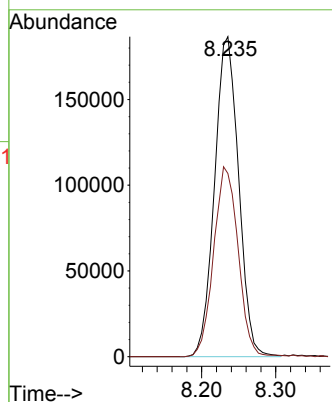
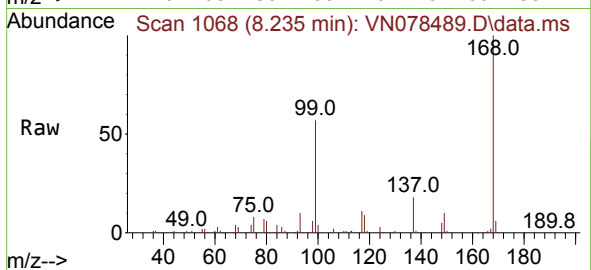
VN0713MBL01

Tgt Ion:168 Resp: 420402

Ion Ratio Lower Upper

168 100

99 57.2 53.0 79.6



#3

Chloromethane

Concen: 0.342 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078489.D

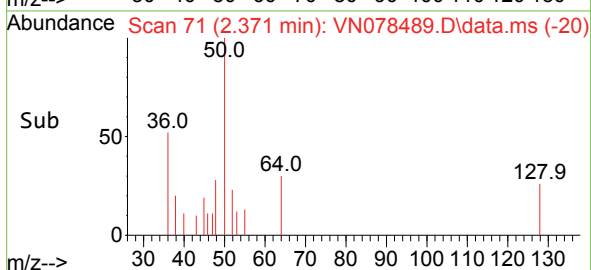
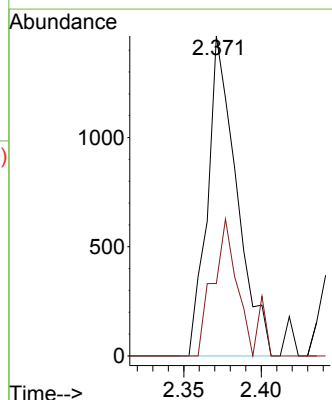
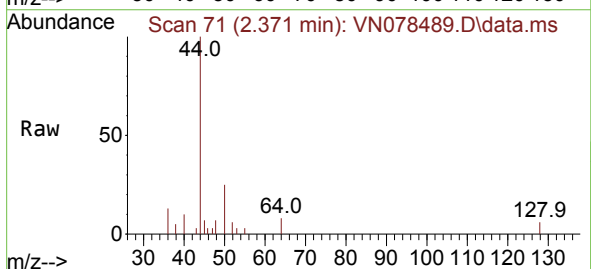
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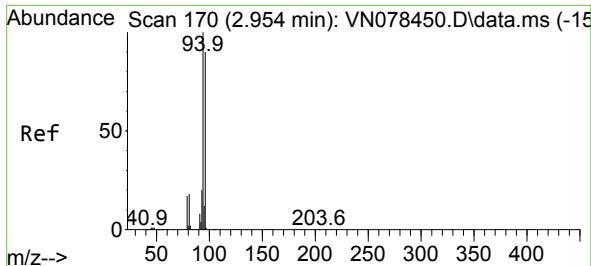
Tgt Ion: 50 Resp: 1916

Ion Ratio Lower Upper

50 100

52 22.7 26.5 39.7#

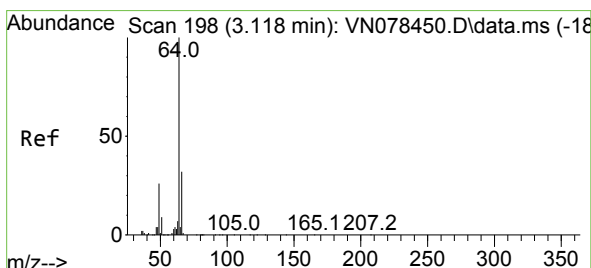
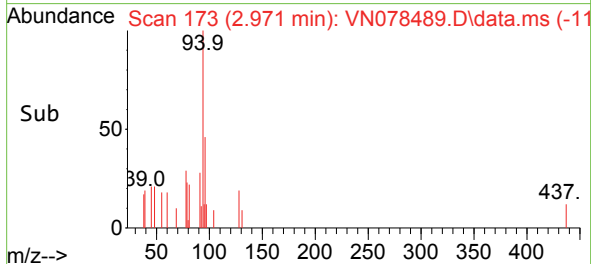
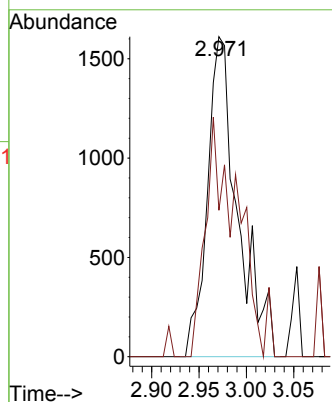
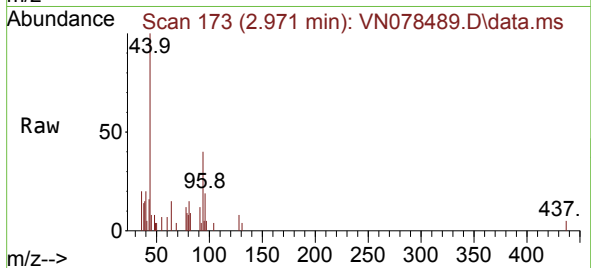




#5
Bromomethane
Concen: Below Cal
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

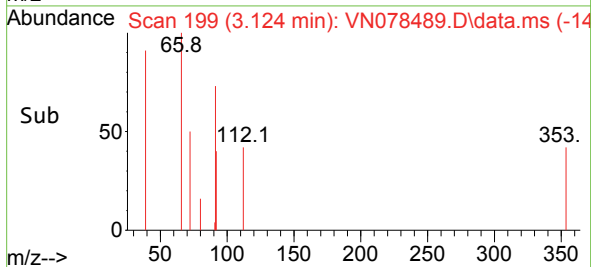
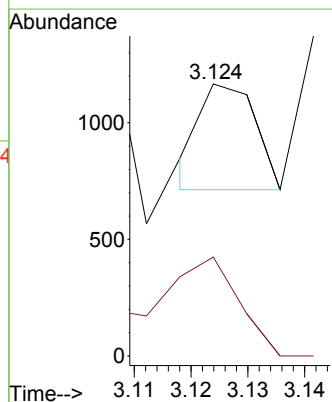
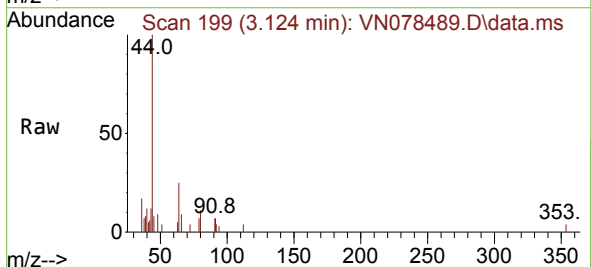
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBL01

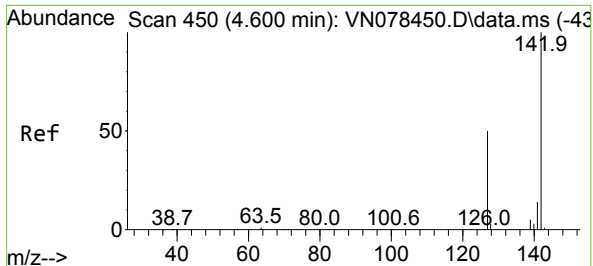
Tgt Ion: 94 Resp: 3592
Ion Ratio Lower Upper
94 100
96 45.7 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

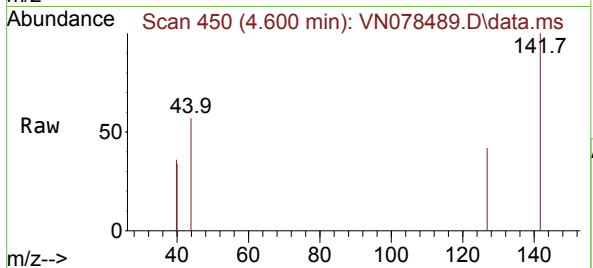
Tgt Ion: 64 Resp: 304
Ion Ratio Lower Upper
64 100
66 93.6 25.4 38.2#



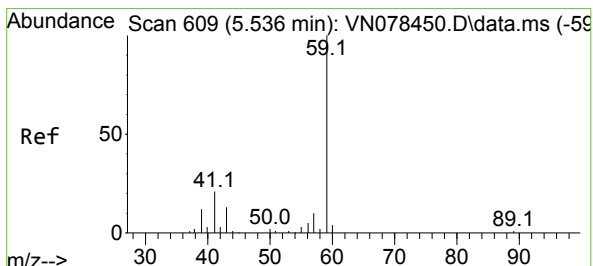
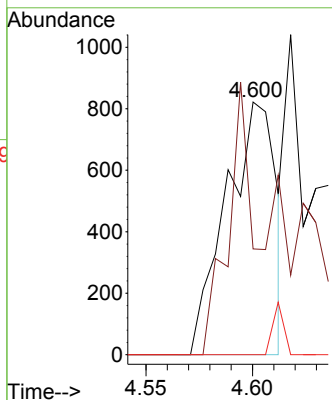
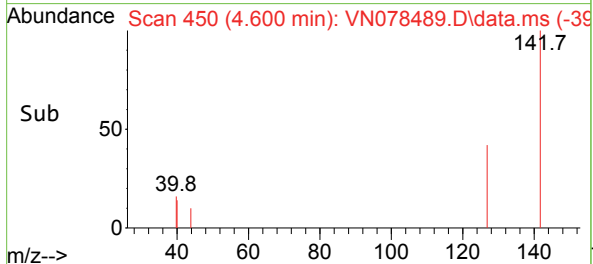


#10
Methyl Iodide
Concen: 0.212 ug/l
RT: 4.600 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Instrument :
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ClientSampleId :
VN0713MBL01

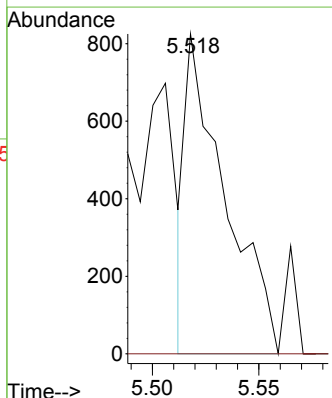
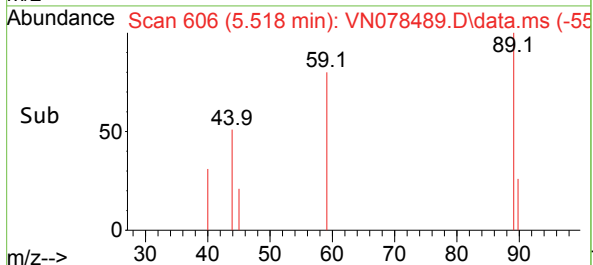
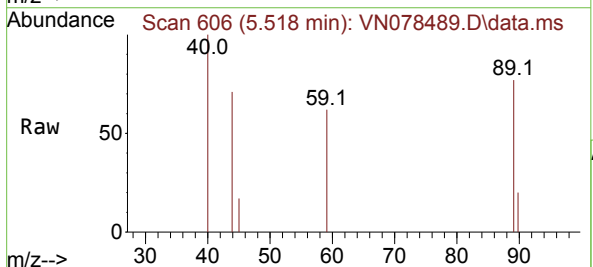


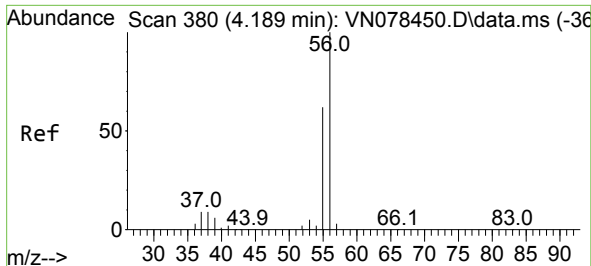
Tgt Ion:142 Resp: 1338
Ion Ratio Lower Upper
142 100
127 41.8 37.6 56.4
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.228 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.018 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Tgt Ion: 59 Resp: 1067
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

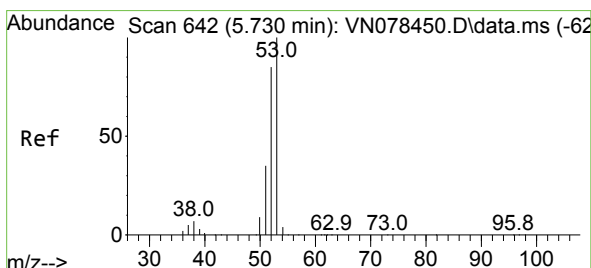
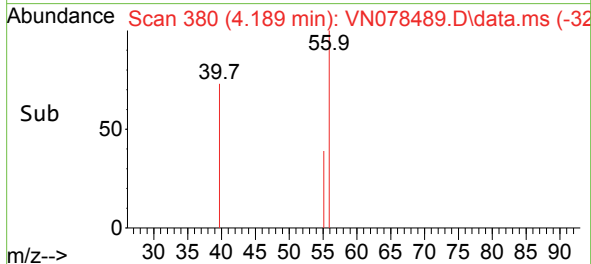
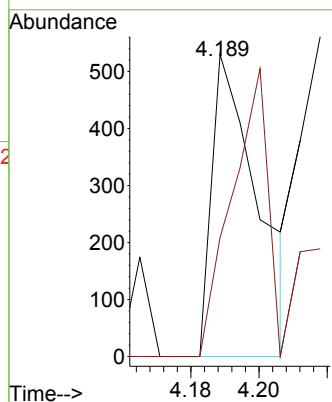
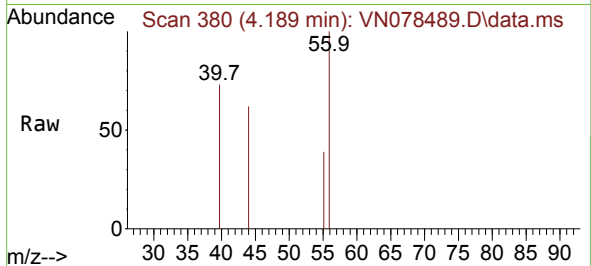




#13
Acrolein
Concen: 0.577 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

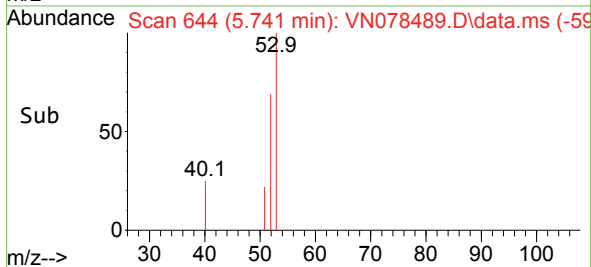
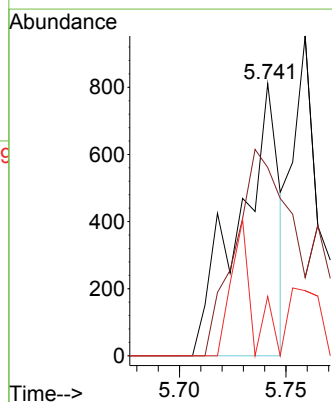
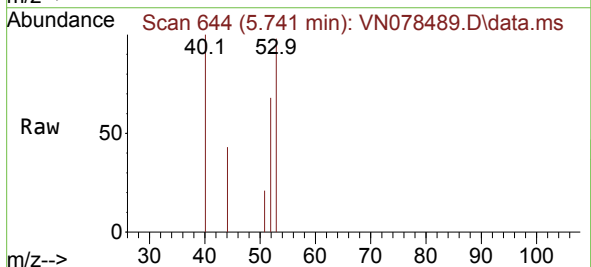
Instrument :
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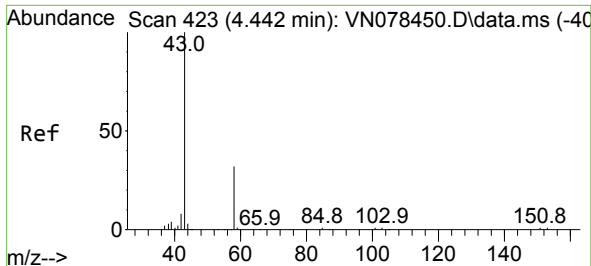
Tgt Ion: 56 Resp: 493
Ion Ratio Lower Upper
56 100
55 74.8 54.5 81.7



#15
Acrylonitrile
Concen: 0.485 ug/l
RT: 5.741 min Scan# 644
Delta R.T. 0.011 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Tgt Ion: 53 Resp: 1065
Ion Ratio Lower Upper
53 100
52 104.5 65.3 97.9#
51 26.5 28.9 43.3#

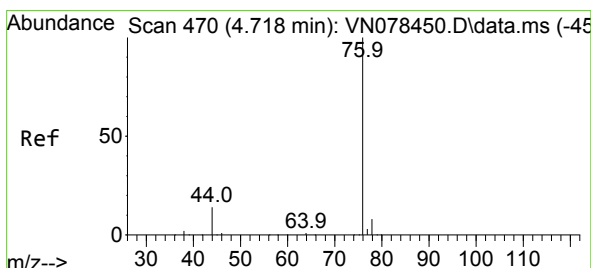
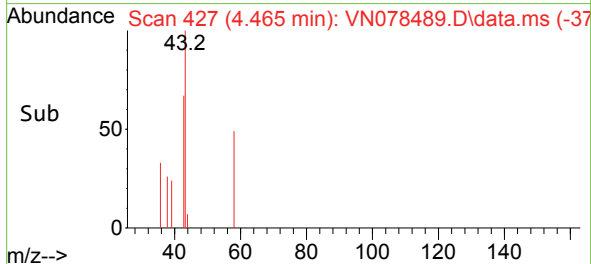
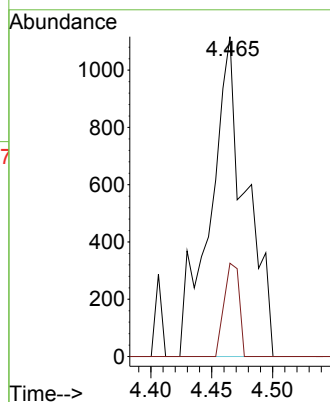
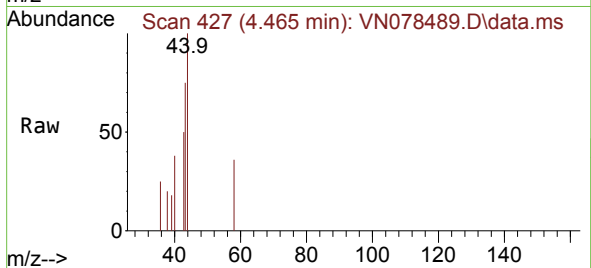




#16
Acetone
Concen: 1.294 ug/l
RT: 4.465 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

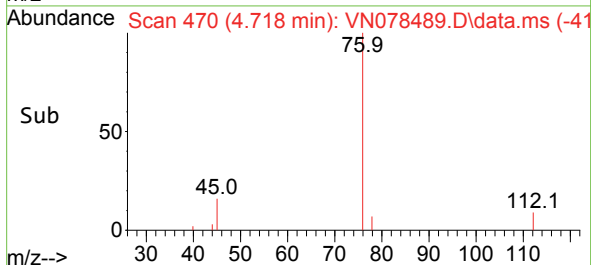
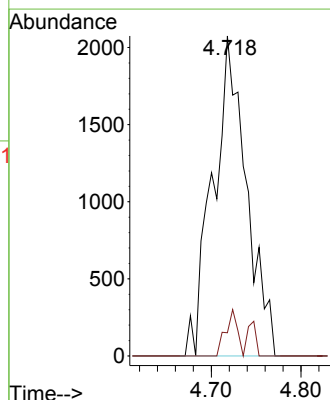
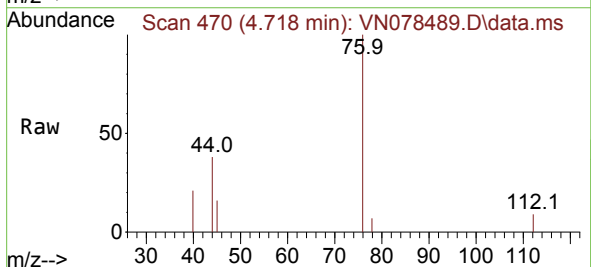
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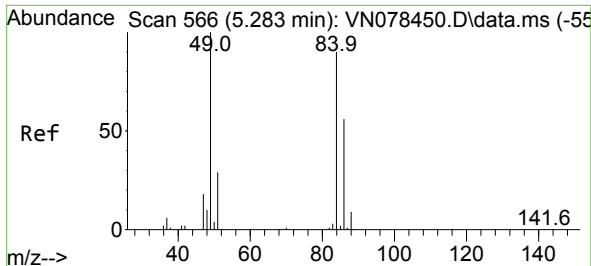
Tgt Ion: 43 Resp: 2271
Ion Ratio Lower Upper
43 100
58 29.2 28.0 42.0



#17
Carbon Disulfide
Concen: 0.420 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.000 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Tgt Ion: 76 Resp: 5384
Ion Ratio Lower Upper
76 100
78 7.3 7.4 11.0#

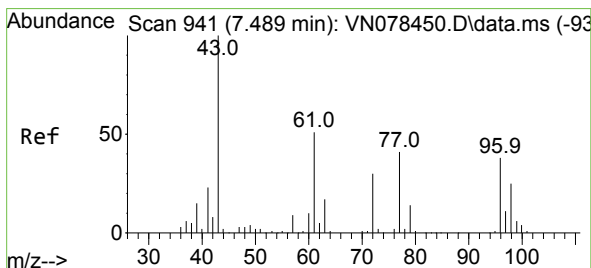
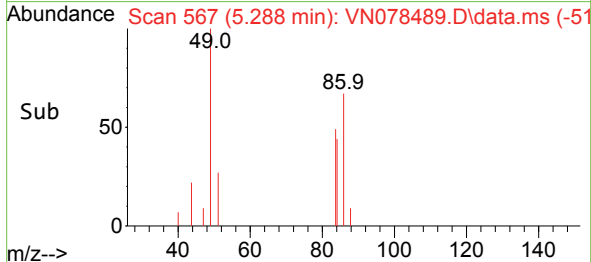
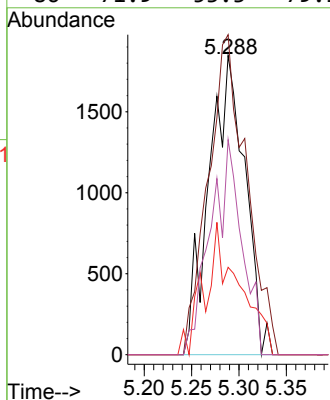
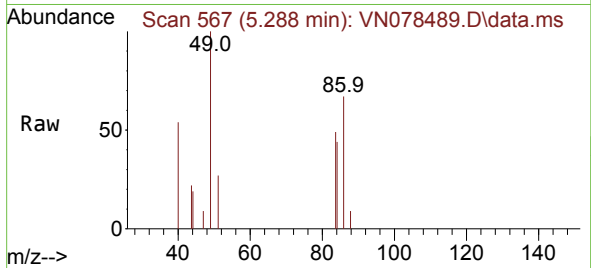




#20
Methylene Chloride
Concen: Below Cal
RT: 5.288 min Scan# 50
Delta R.T. 0.005 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

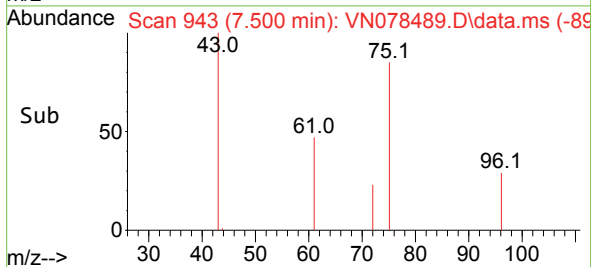
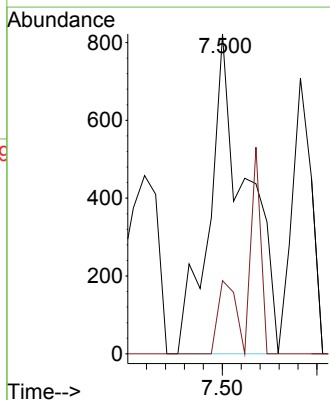
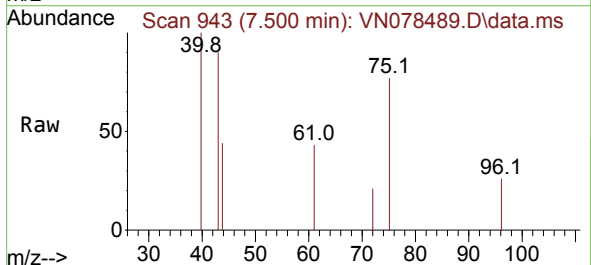
Instrument :
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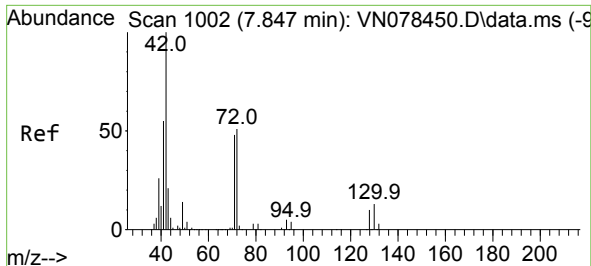
Tgt Ion:	84	Resp:	4862
Ion	Ratio	Lower	Upper
84	100		
49	106.9	79.7	119.5
51	29.2	25.2	37.8
86	71.9	53.3	79.9



#25
2-Butanone
Concen: 0.407 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Tgt Ion:	43	Resp:	1126
Ion	Ratio	Lower	Upper
43	100		
72	22.9	30.2	45.2#

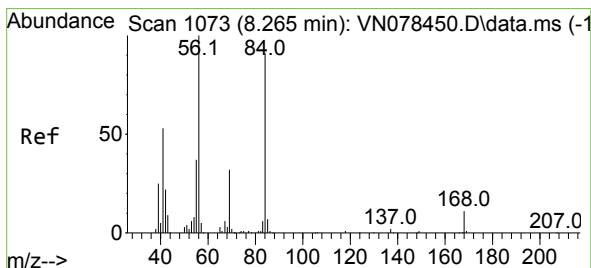
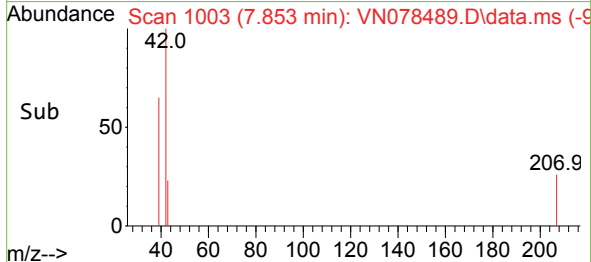
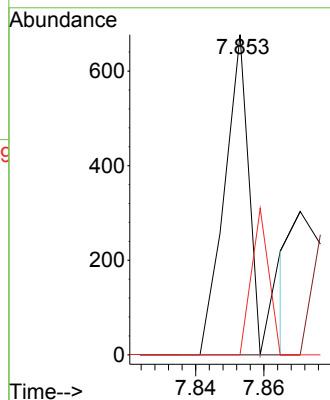
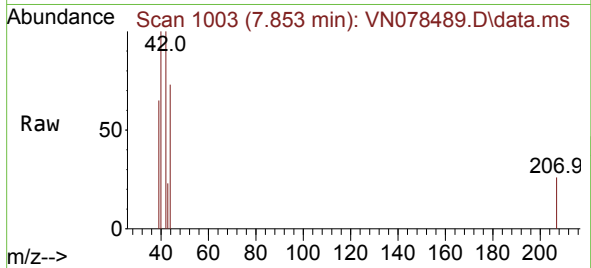




#29
Tetrahydrofuran
Concen: 0.224 ug/l
RT: 7.853 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

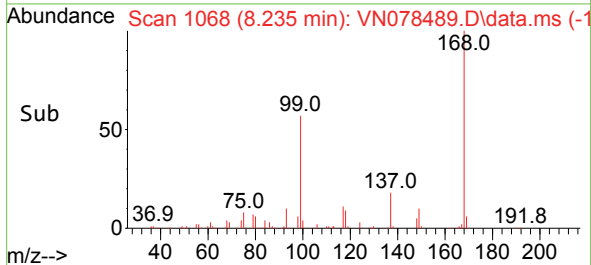
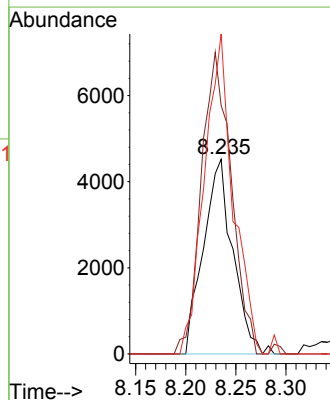
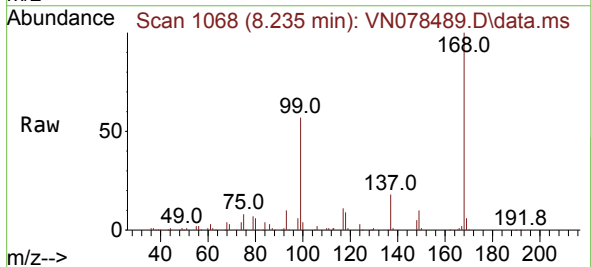
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBL01

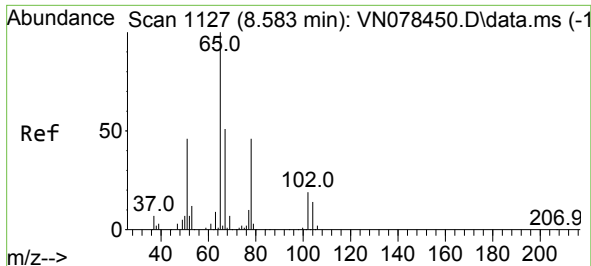
Tgt Ion: 42 Resp: 407
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 26.8 47.4 71.2#



#31
Cyclohexane
Concen: 1.213 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Tgt Ion: 56 Resp: 9238
Ion Ratio Lower Upper
56 100
69 123.7 26.8 40.2#
84 164.4 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 49.657 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078489.D

Acq: 13 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

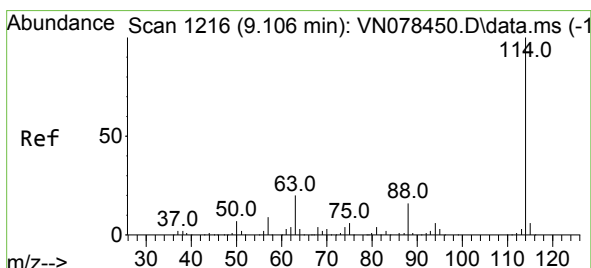
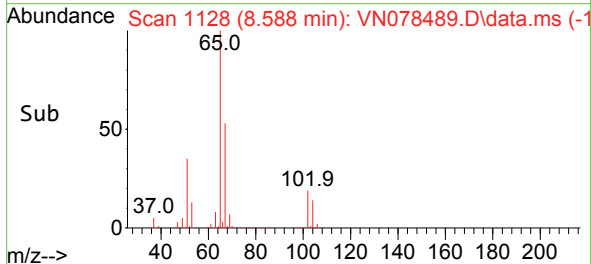
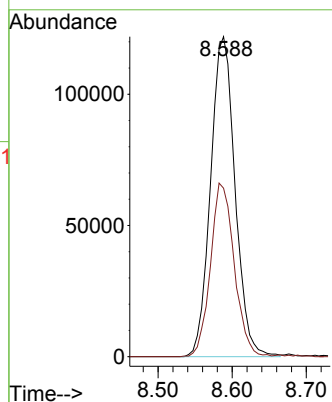
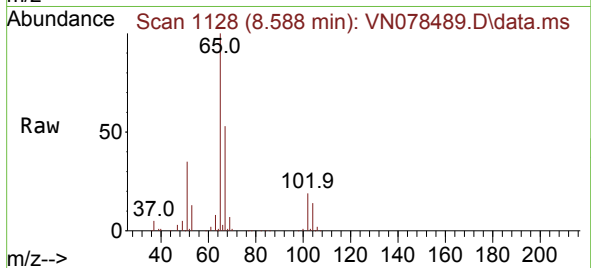
VN0713MBL01

Tgt Ion: 65 Resp: 279863

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078489.D

Acq: 13 Jul 2023 11:07

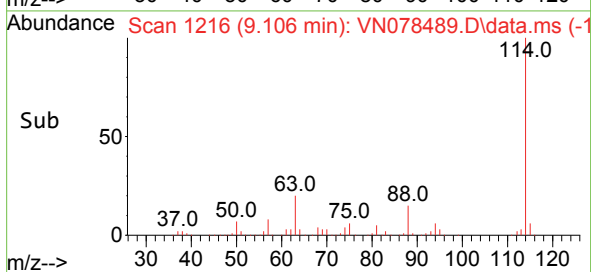
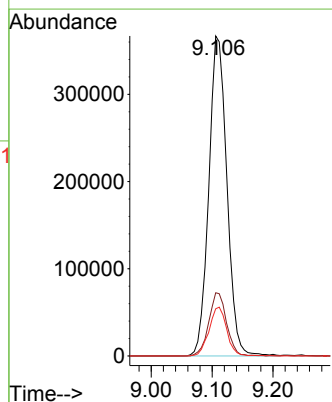
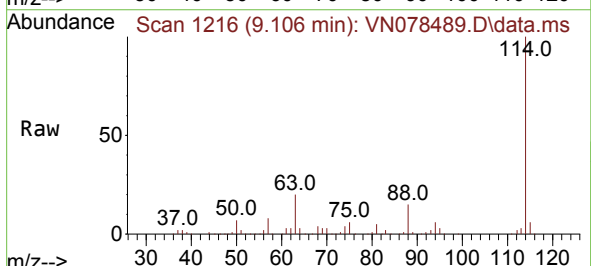
Tgt Ion: 114 Resp: 758017

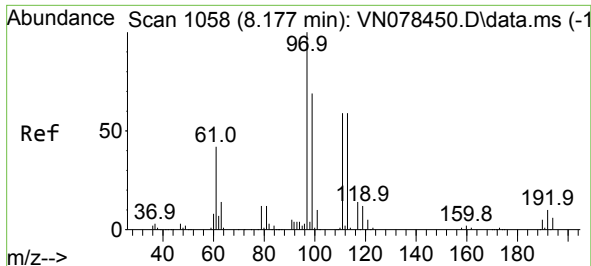
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 14.7 0.0 30.6

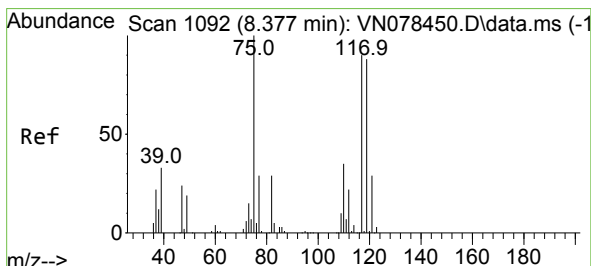
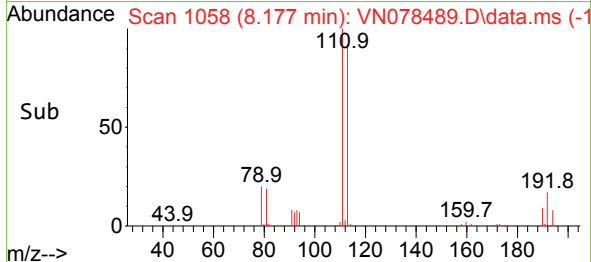
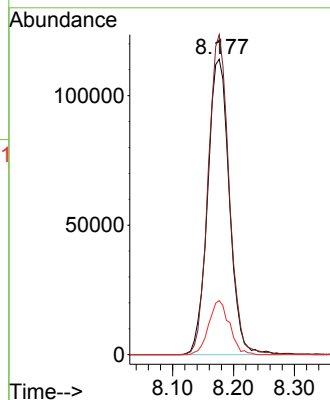
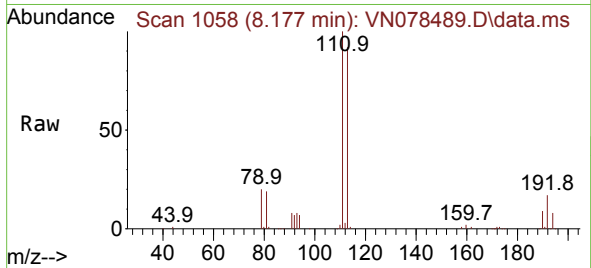




#35
Dibromofluoromethane
Concen: 55.057 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

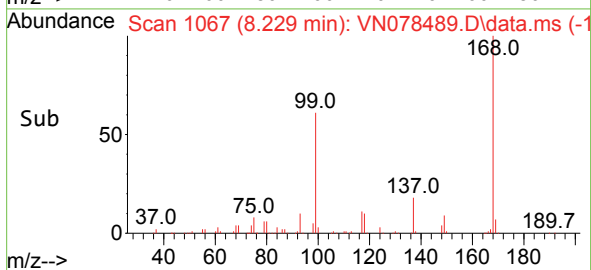
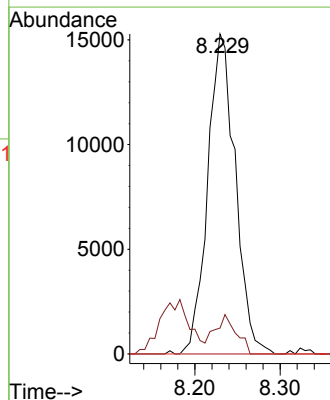
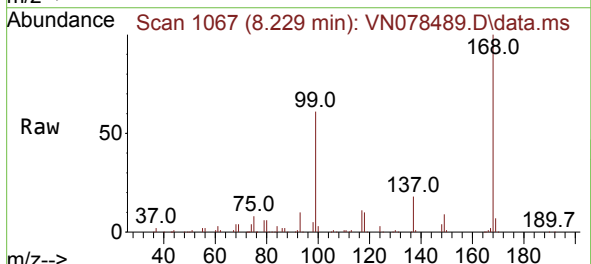
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBL01

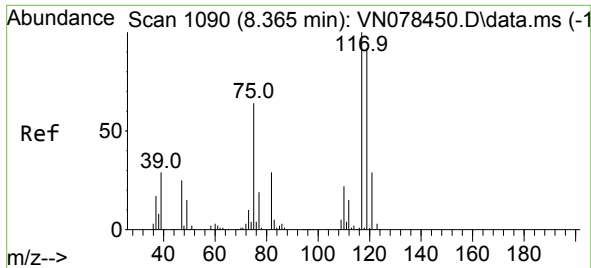
Tgt Ion:113 Resp: 283304
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 17.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.626 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Tgt Ion: 75 Resp: 34367
Ion Ratio Lower Upper
75 100
110 9.6 19.1 57.3#
77 0.0 25.0 37.4#

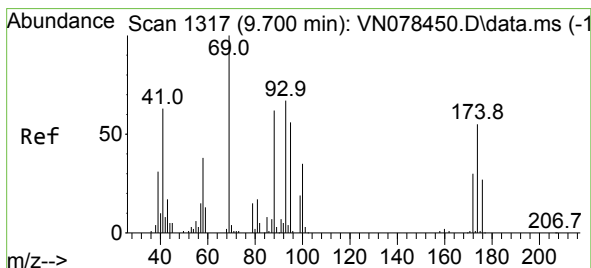
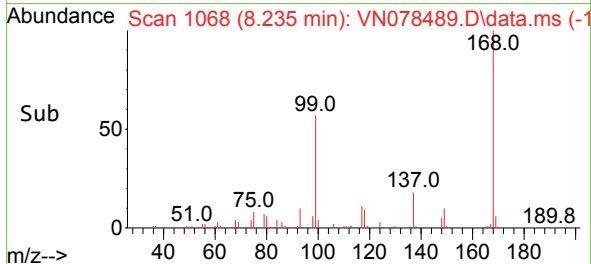
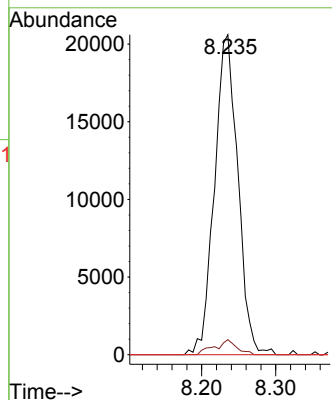
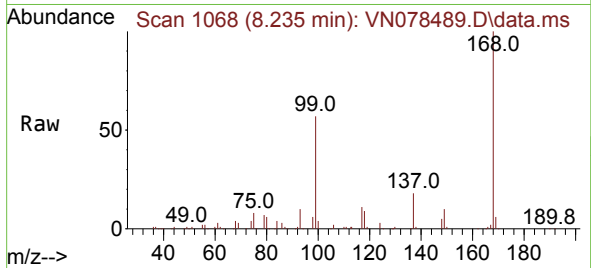




#38
Carbon Tetrachloride
Concen: 5.589 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.130 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

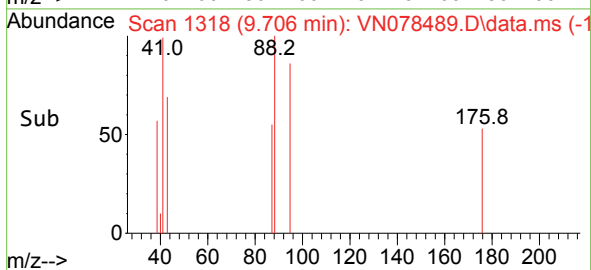
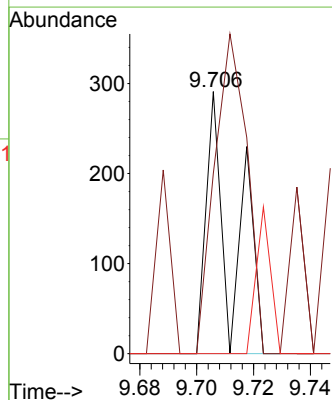
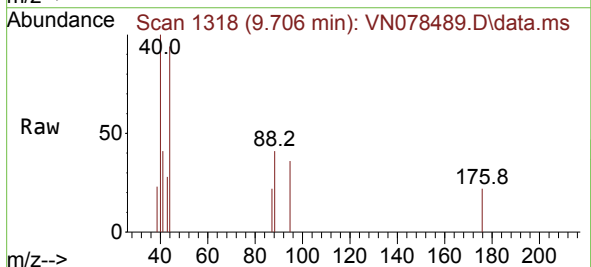
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBL01

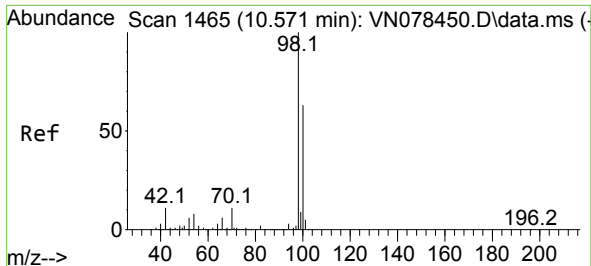
Tgt Ion:117 Resp: 45130
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 23.3 34.9#



#49
1,4-Dioxane
Concen: 1.786 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Tgt Ion: 88 Resp: 184
Ion Ratio Lower Upper
88 100
43 152.2 17.0 25.6#
58 31.5 47.0 70.4#

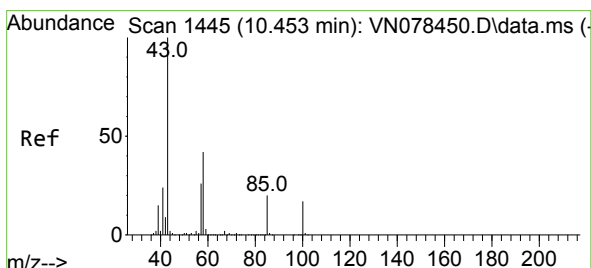
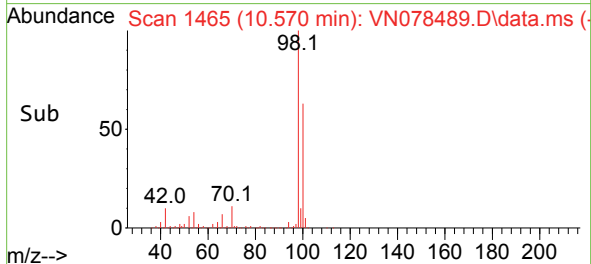
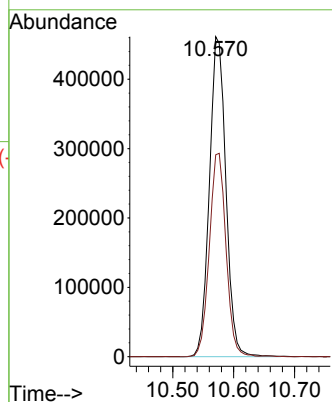
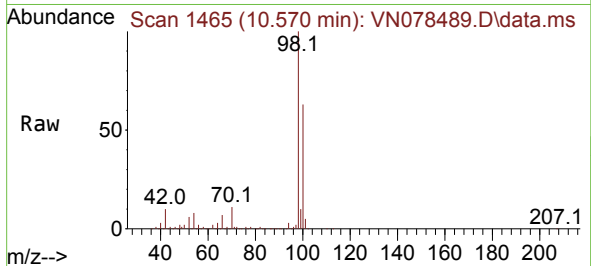




#50
Toluene-d8
Concen: 44.674 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

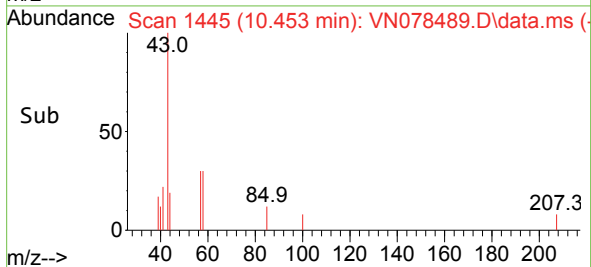
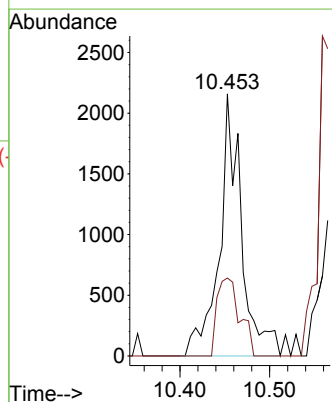
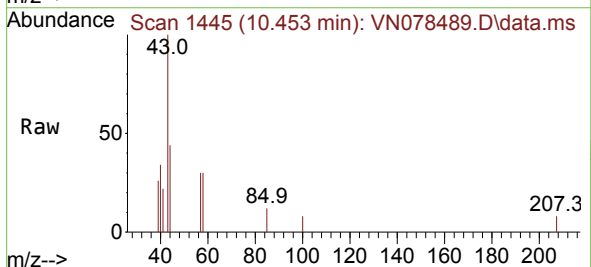
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBL01

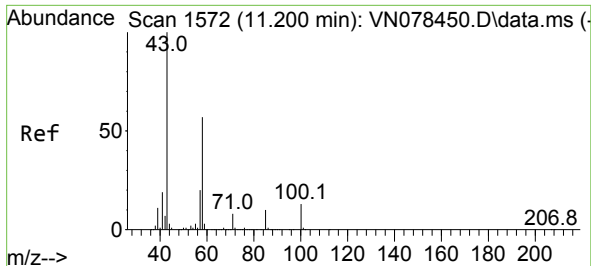
Tgt Ion: 98 Resp: 868398
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Tgt Ion: 43 Resp: 3684
Ion Ratio Lower Upper
43 100
58 30.7 36.6 54.8#

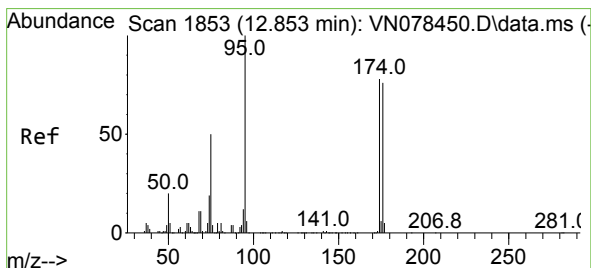
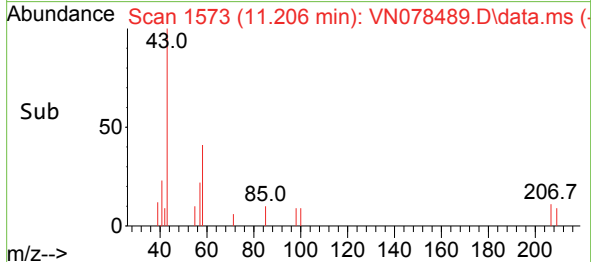
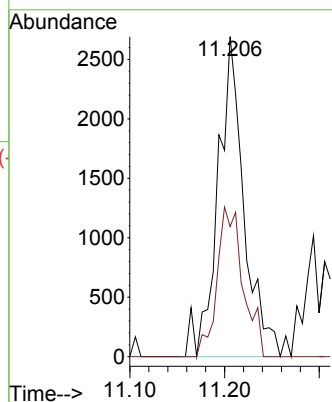
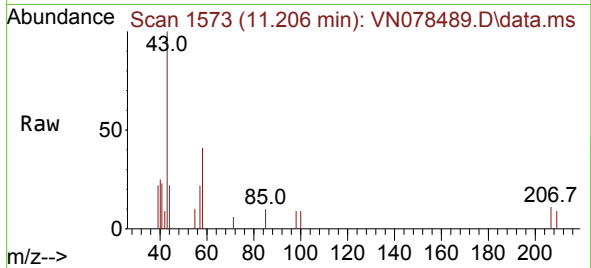




#59
2-Hexanone
Concen: 1.202 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

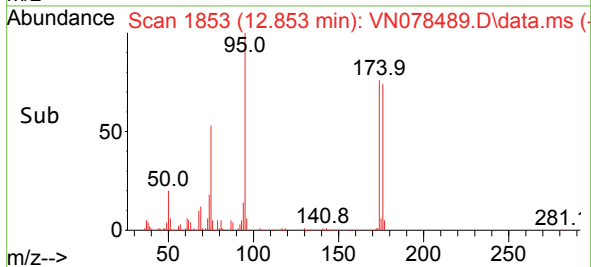
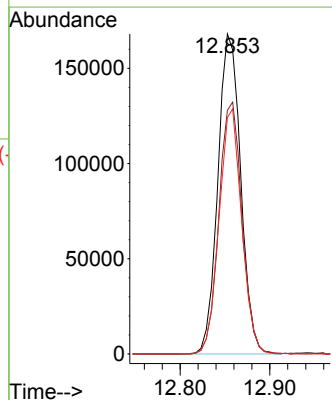
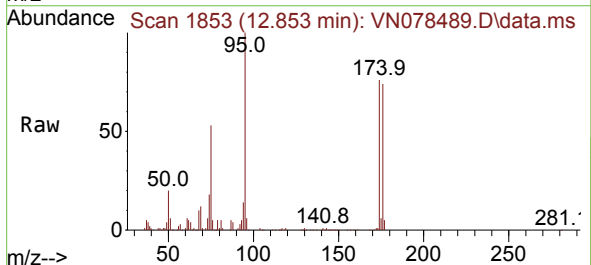
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBL01

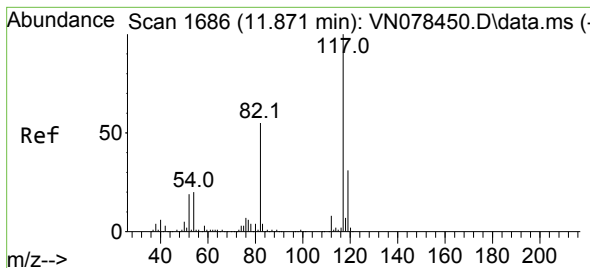
Tgt Ion: 43 Resp: 5182
Ion Ratio Lower Upper
43 100
58 46.4 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 49.473 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Tgt Ion: 95 Resp: 296223
Ion Ratio Lower Upper
95 100
174 79.6 0.0 143.8
176 76.1 0.0 135.8

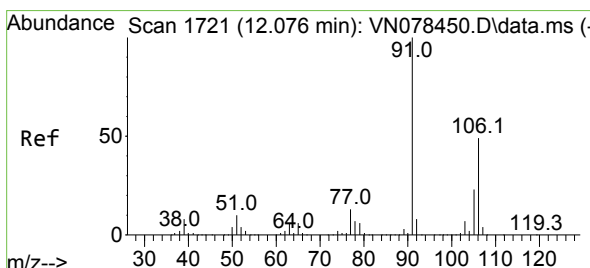
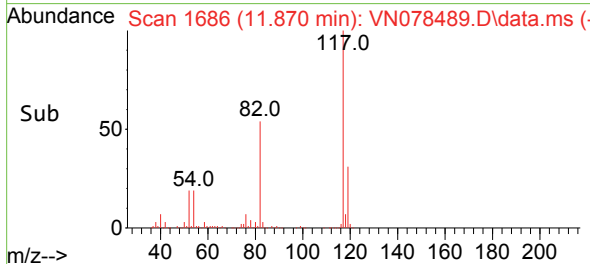
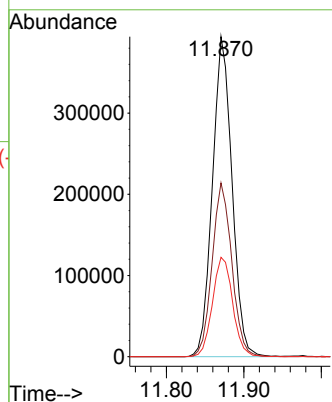
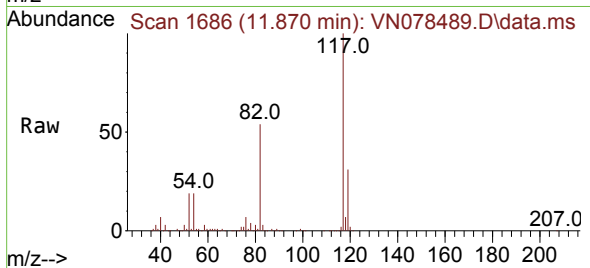




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

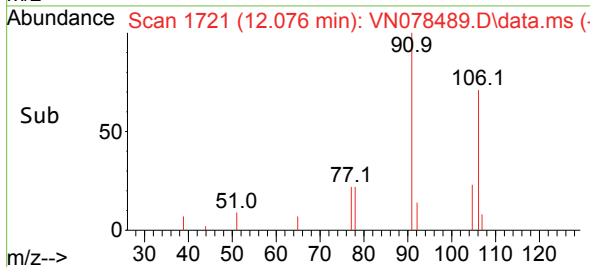
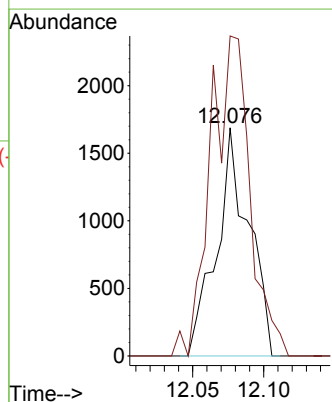
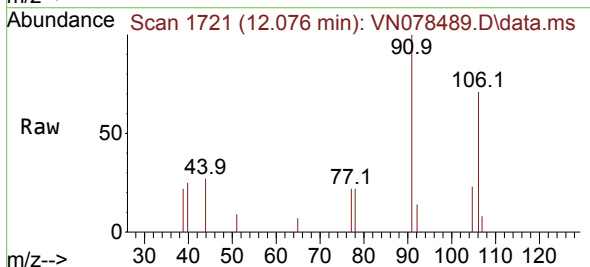
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBL01

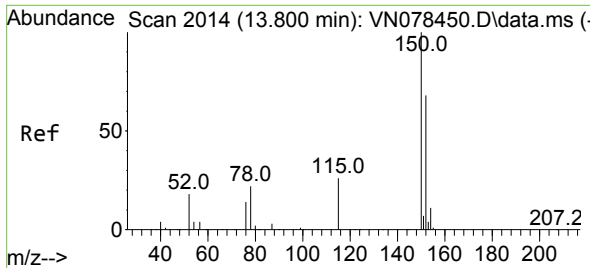
Tgt Ion:117 Resp: 692359
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 31.1 25.6 38.4



#68
m/p-Xylenes
Concen: 0.275 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Tgt Ion:106 Resp: 2660
Ion Ratio Lower Upper
106 100
91 171.7 159.6 239.4

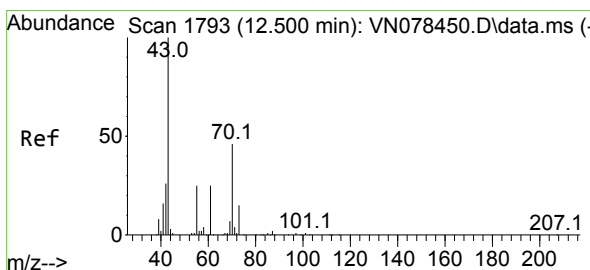
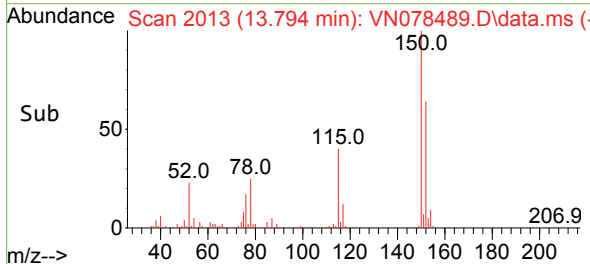
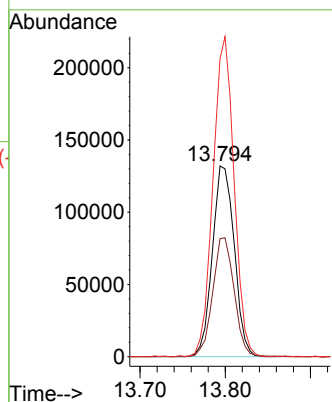
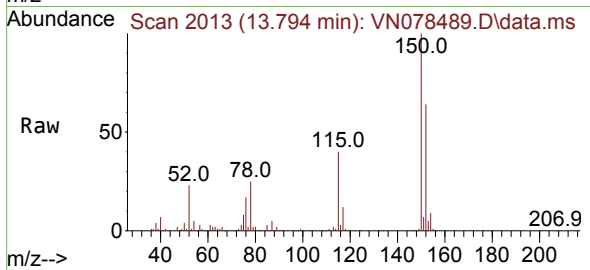




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2014
Delta R.T. -0.006 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

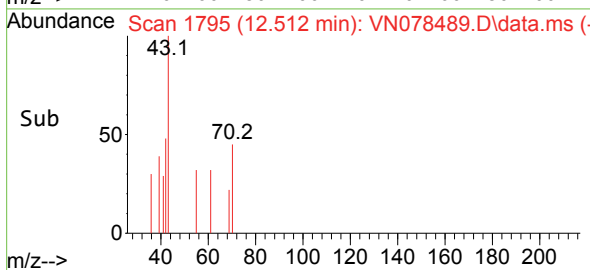
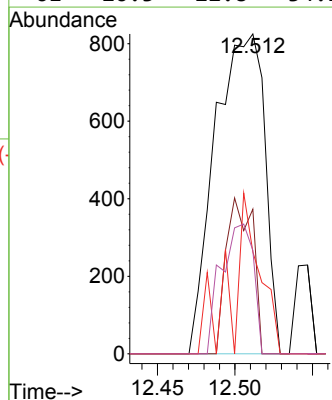
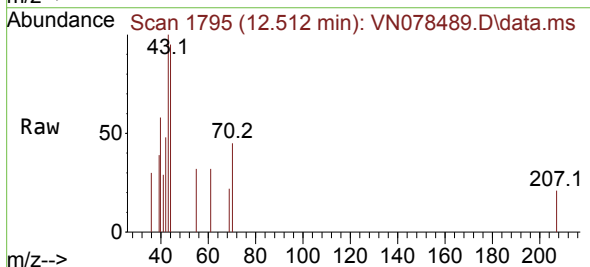
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBL01

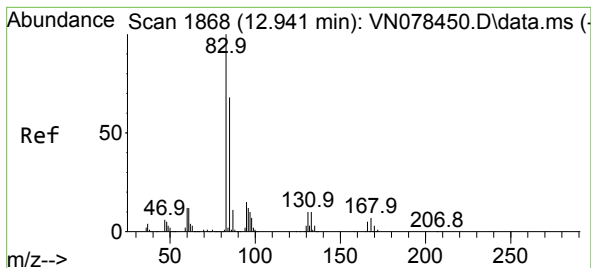
Tgt Ion:152 Resp: 236156
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 161.2 0.0 355.8



#74
N-ethyl acetate
Concen: 0.240 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Tgt Ion: 43 Resp: 1833
Ion Ratio Lower Upper
43 100
70 26.2 43.4 65.2#
55 25.0 21.4 32.0
61 26.3 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN078489.D

Acq: 13 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBL01

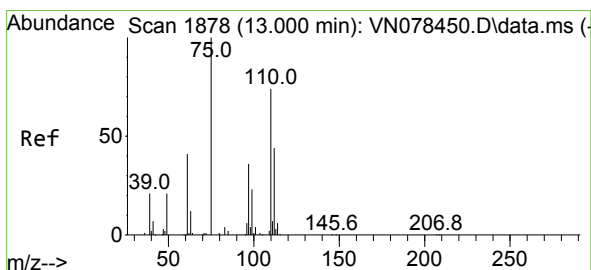
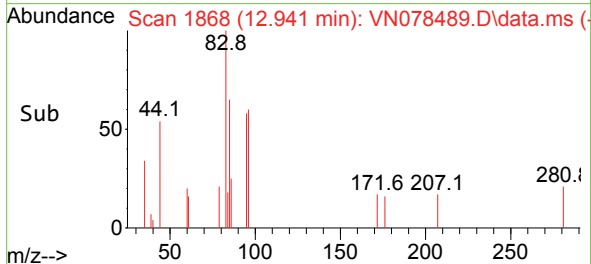
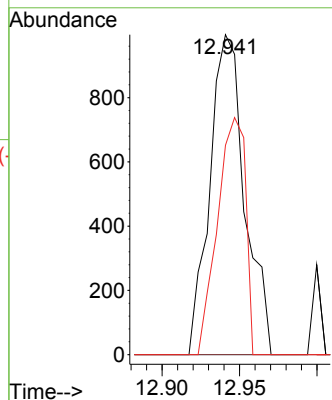
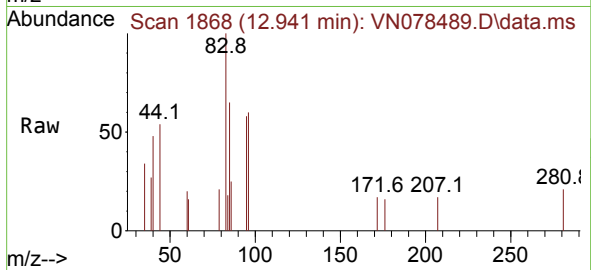
Tgt Ion: 83 Resp: 1566

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 59.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 27.955 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078489.D

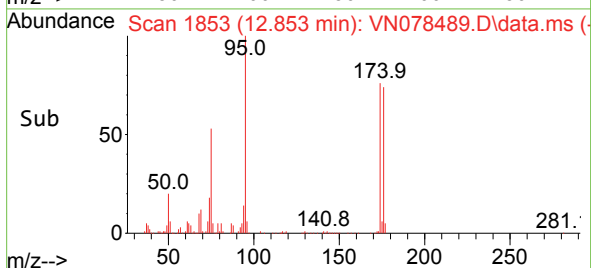
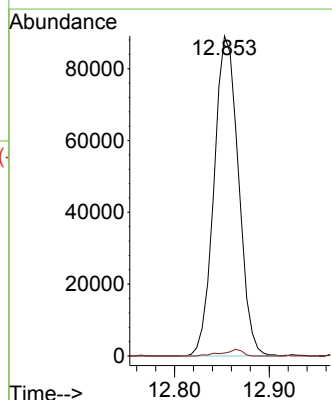
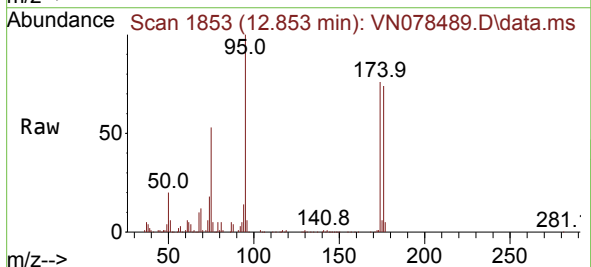
Acq: 13 Jul 2023 11:07

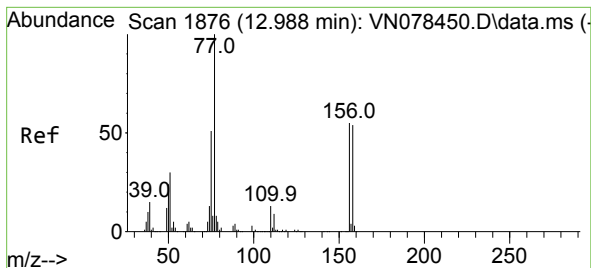
Tgt Ion: 75 Resp: 159574

Ion Ratio Lower Upper

75 100

77 1.7 84.5 253.5#





#77

Bromobenzene

Concen: Below Cal

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN078489.D

Acq: 13 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBL01

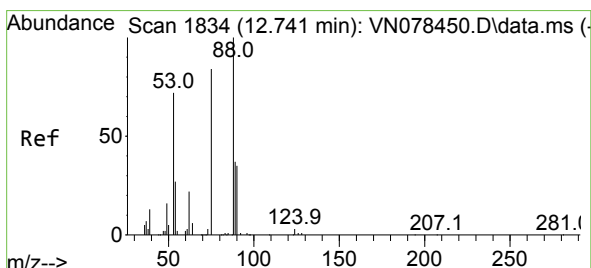
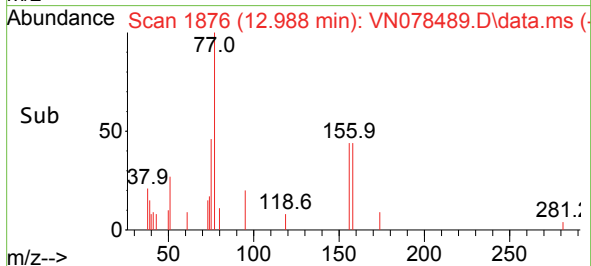
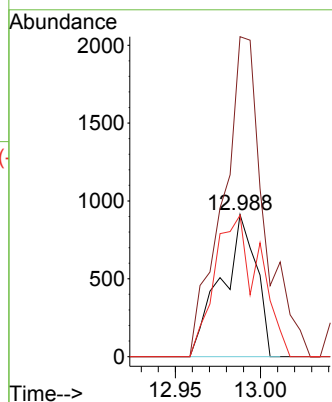
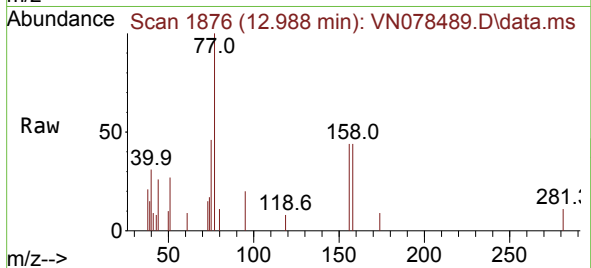
Tgt Ion:156 Resp: 1298

Ion Ratio Lower Upper

156 100

77 266.3 107.7 323.3

158 127.6 48.4 145.3



#81

trans-1,4-Dichloro-2-butene

Concen: 73.461 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN078489.D

Acq: 13 Jul 2023 11:07

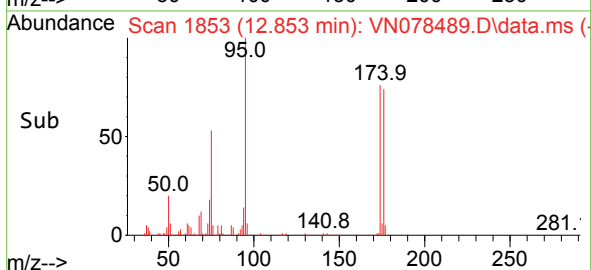
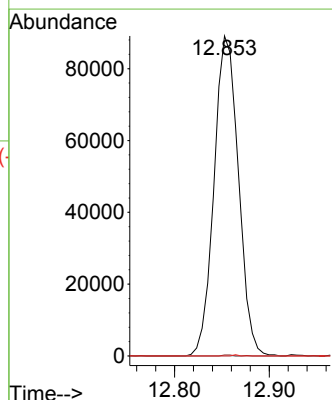
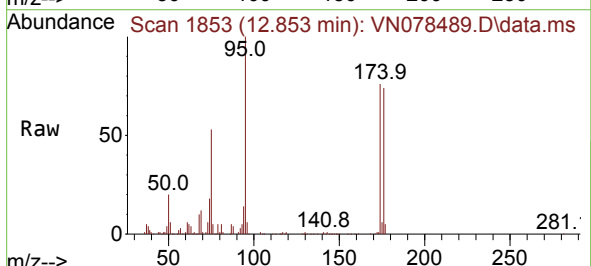
Tgt Ion: 75 Resp: 159574

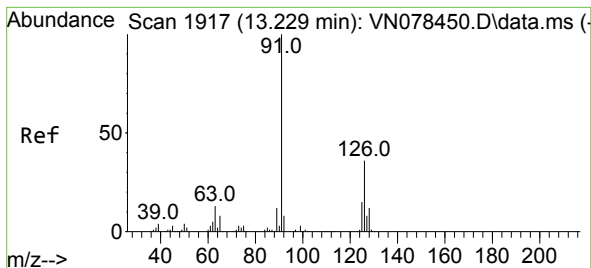
Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#





#82

4-Chlorotoluene

Concen: 0.282 ug/l

RT: 13.235 min Scan# 1917

Delta R.T. 0.006 min

Lab File: VN078489.D

Acq: 13 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

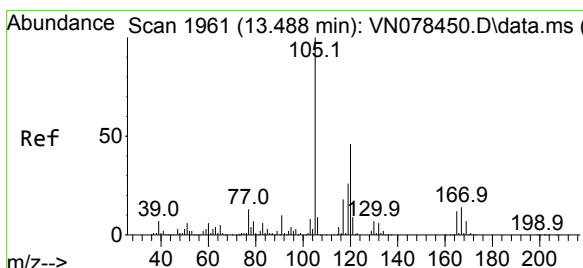
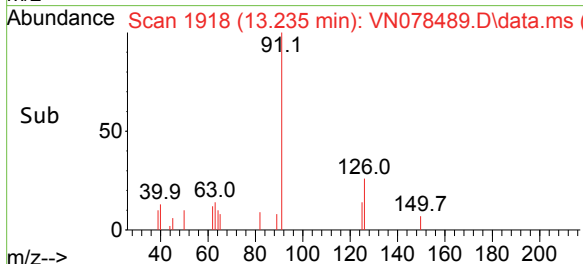
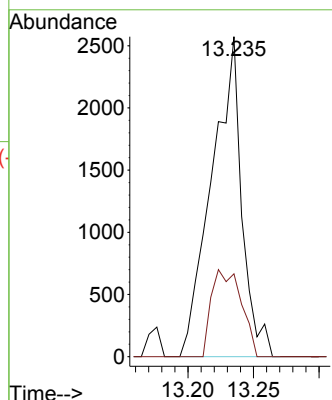
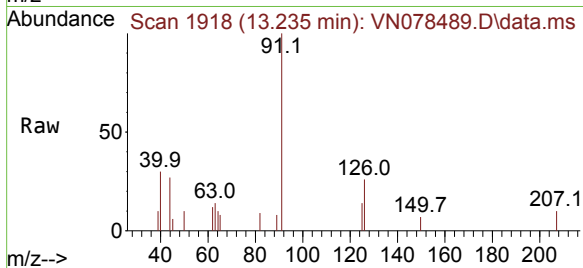
VN0713MBL01

Tgt Ion: 91 Resp: 4096

Ion Ratio Lower Upper

91 100

126 27.0 16.7 50.0



#84

1,2,4-Trimethylbenzene

Concen: 0.264 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN078489.D

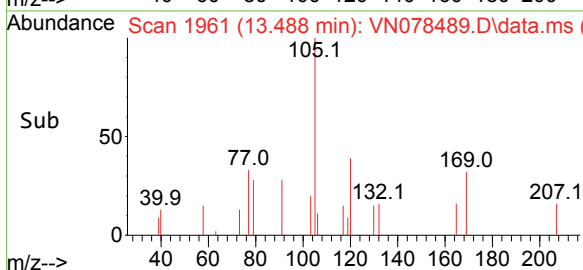
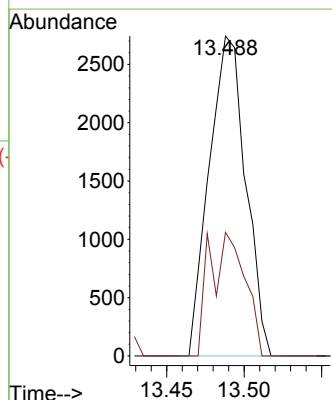
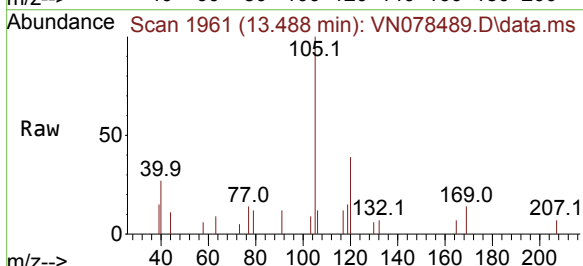
Acq: 13 Jul 2023 11:07

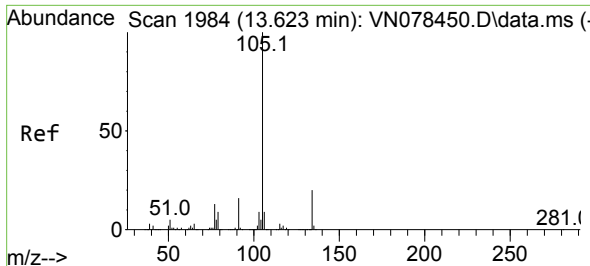
Tgt Ion: 105 Resp: 4493

Ion Ratio Lower Upper

105 100

120 37.3 22.0 66.0

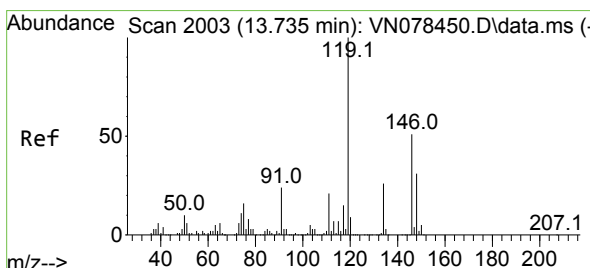
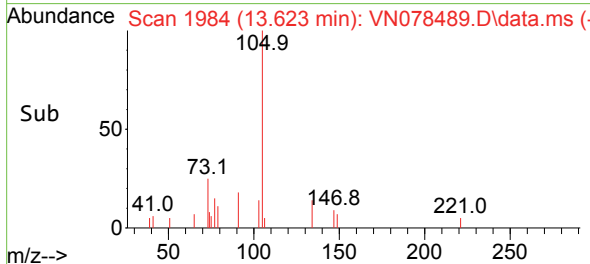
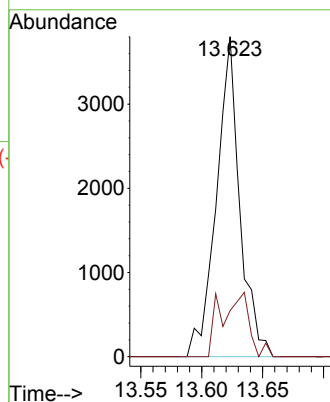
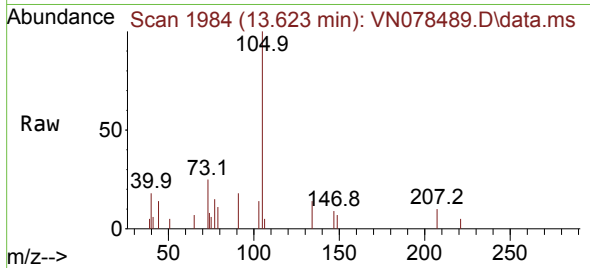




#85
 sec-Butylbenzene
 Concen: 0.269 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078489.D
 Acq: 13 Jul 2023 11:07

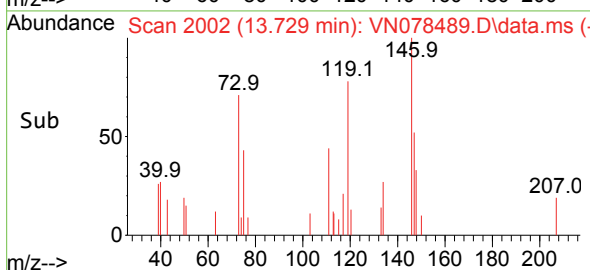
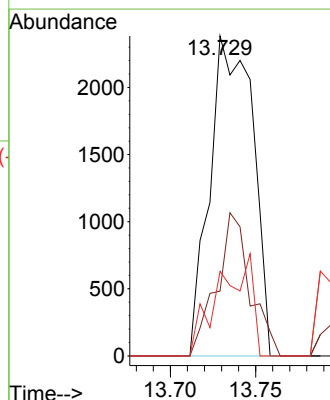
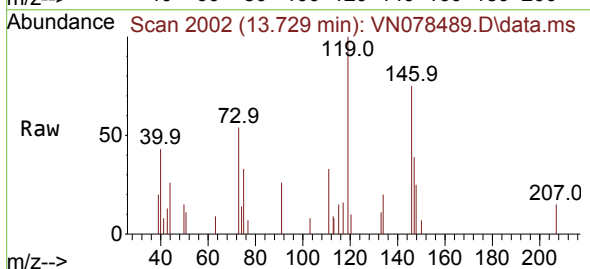
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713MBL01

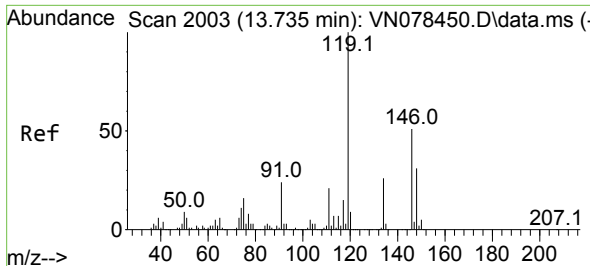
Tgt Ion:105 Resp: 5070
 Ion Ratio Lower Upper
 105 100
 134 24.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.276 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN078489.D
 Acq: 13 Jul 2023 11:07

Tgt Ion:119 Resp: 4169
 Ion Ratio Lower Upper
 119 100
 134 34.9 12.6 37.8
 91 25.4 12.4 37.2

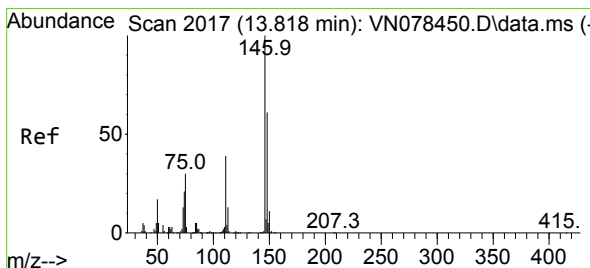
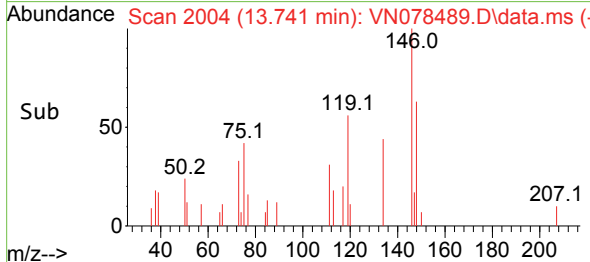
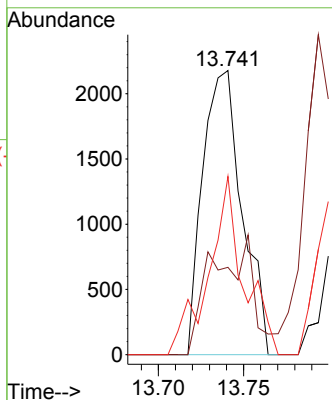
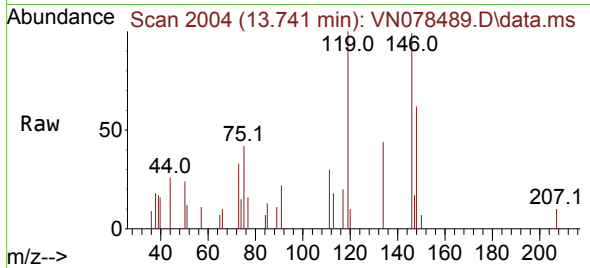




#87
1,3-Dichlorobenzene
Concen: 0.411 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

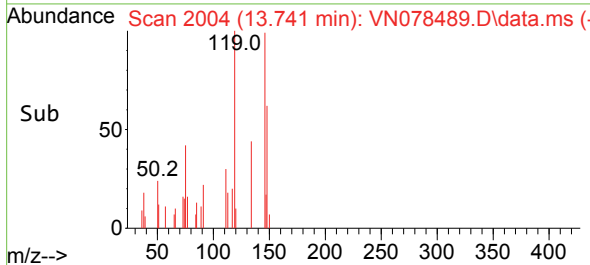
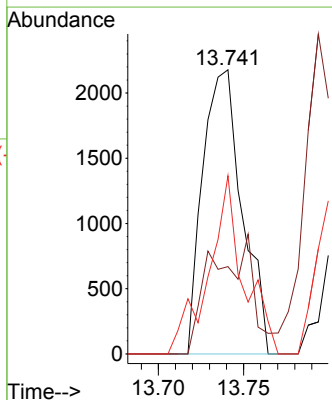
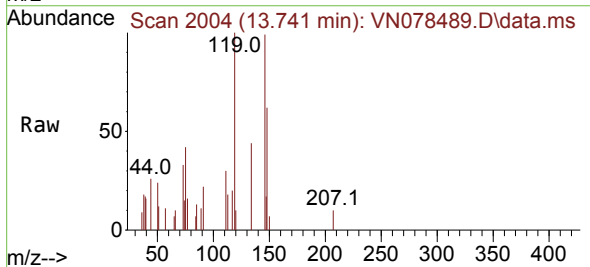
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBL01

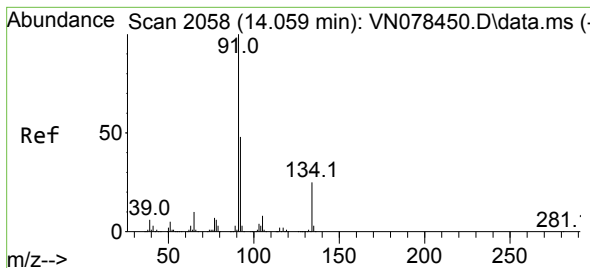
Tgt Ion:146 Resp: 3504
Ion Ratio Lower Upper
146 100
111 43.6 22.1 66.3
148 55.4 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.408 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.077 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Tgt Ion:146 Resp: 3504
Ion Ratio Lower Upper
146 100
111 43.6 20.6 61.8
148 55.4 31.6 94.8





#89

n-Butylbenzene

Concen: 0.675 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.001 min

Lab File: VN078489.D

Acq: 13 Jul 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBL01

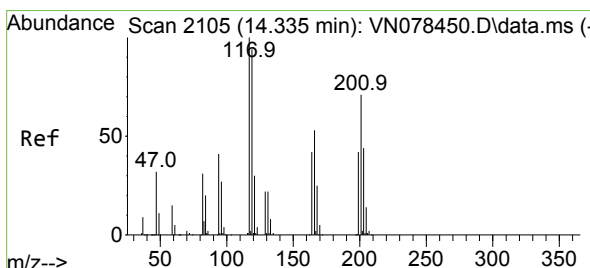
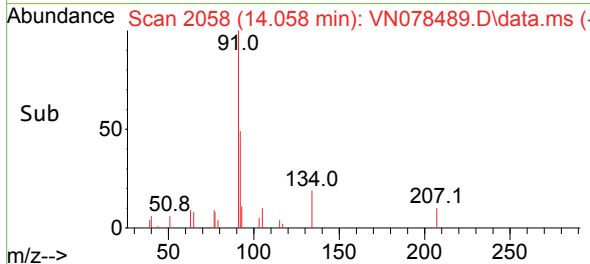
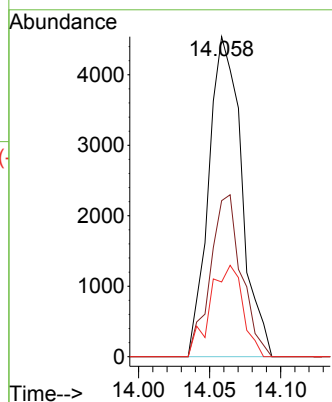
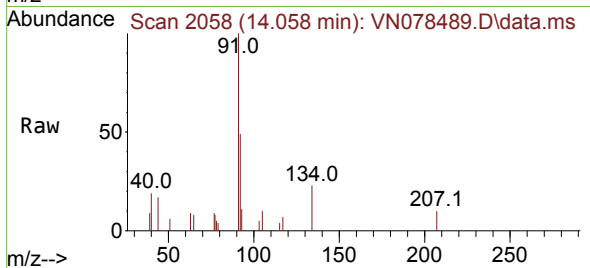
Tgt Ion: 91 Resp: 7295

Ion Ratio Lower Upper

91 100

92 47.8 26.4 79.0

134 28.5 12.6 37.6



#90

Hexachloroethane

Concen: Below Cal

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078489.D

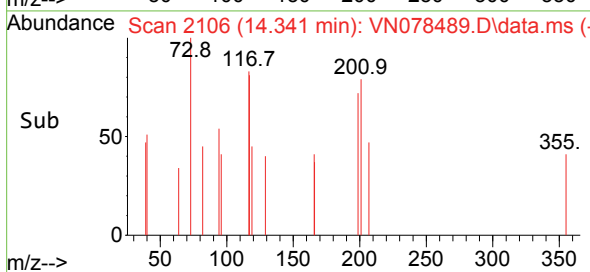
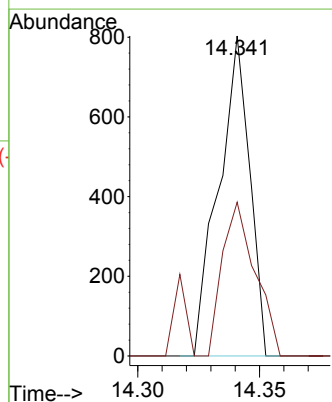
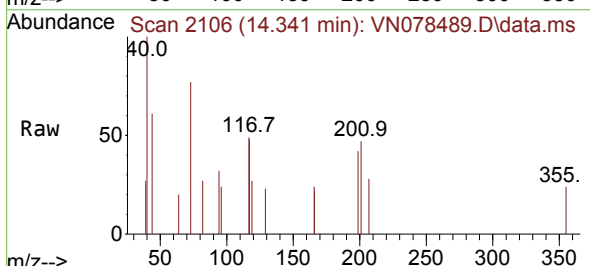
Acq: 13 Jul 2023 11:07

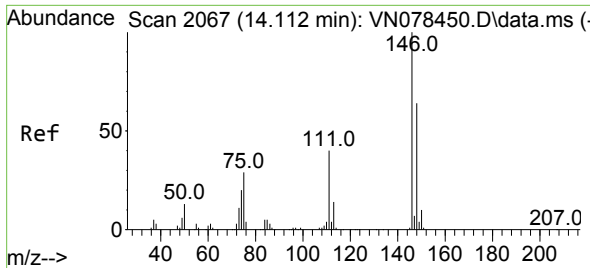
Tgt Ion: 117 Resp: 710

Ion Ratio Lower Upper

117 100

201 51.3 29.3 88.0

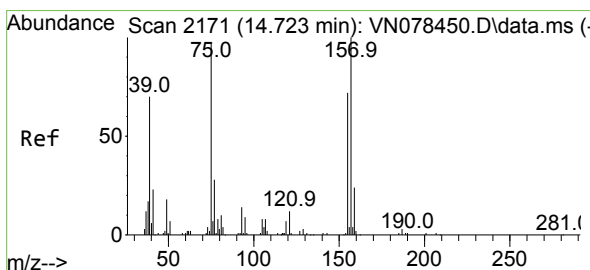
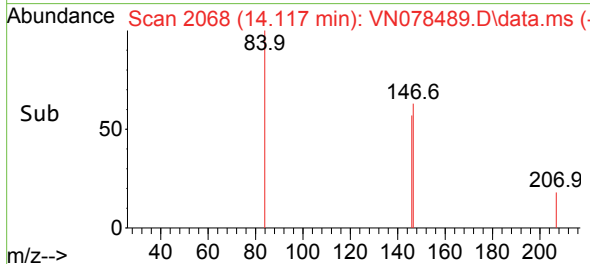
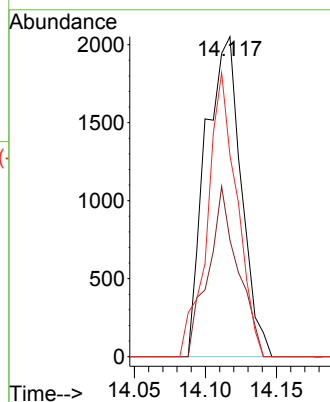
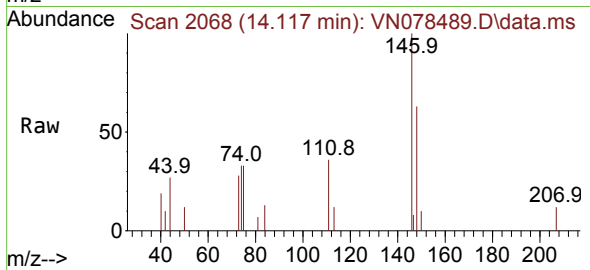




#91
1,2-Dichlorobenzene
Concen: 0.423 ug/l
RT: 14.117 min Scan# 2068
Delta R.T. 0.005 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

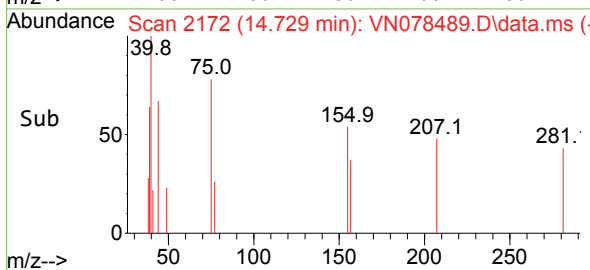
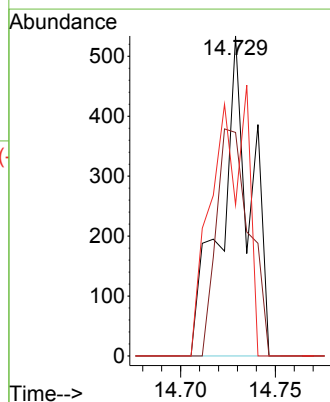
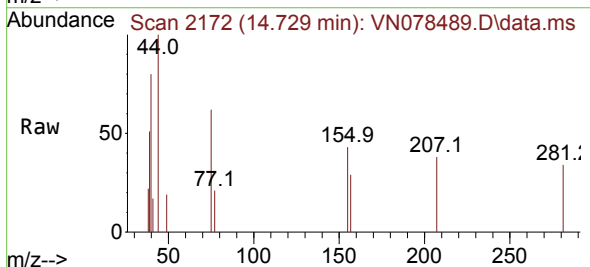
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBL01

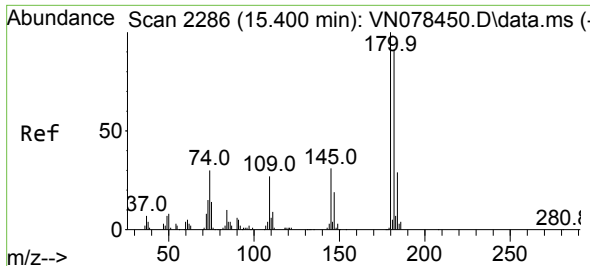
Tgt Ion:146 Resp: 3583
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 73.2 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Tgt Ion: 75 Resp: 582
Ion Ratio Lower Upper
75 100
155 79.6 39.1 117.2
157 97.3 50.3 150.9

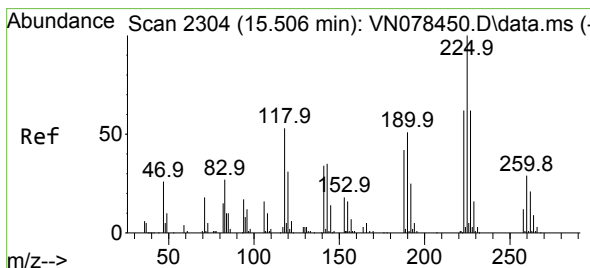
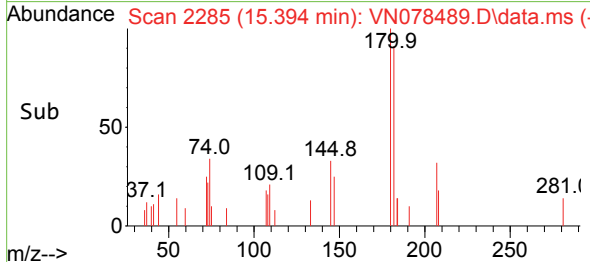
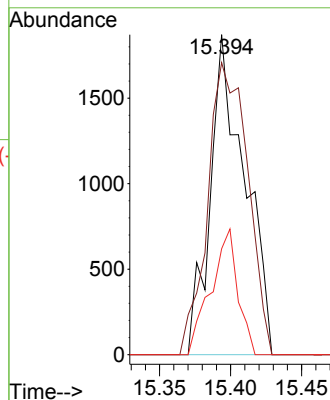
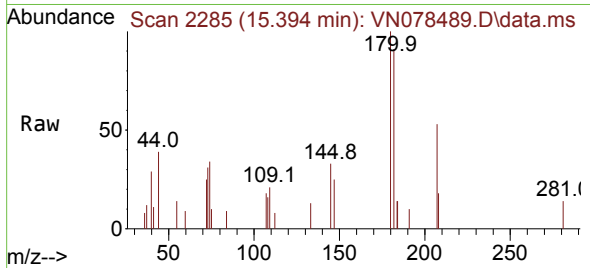




#93
1,2,4-Trichlorobenzene
Concen: 1.169 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

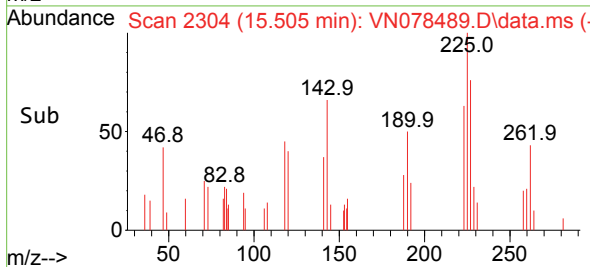
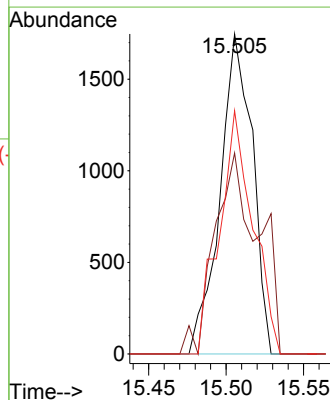
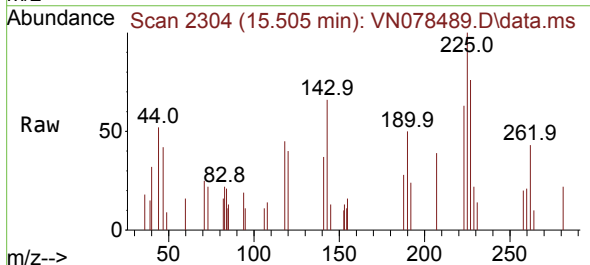
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBL01

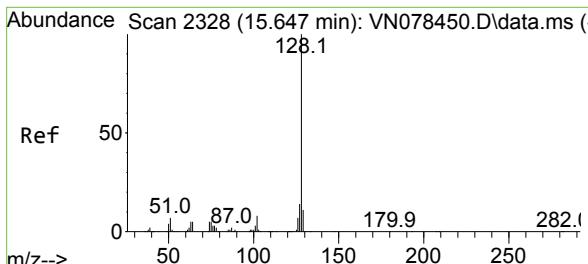
Tgt Ion:180 Resp: 3162
Ion Ratio Lower Upper
180 100
182 106.0 46.1 138.2
145 30.6 16.6 49.8



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Tgt Ion:225 Resp: 2534
Ion Ratio Lower Upper
225 100
223 84.6 31.3 93.8
227 78.8 31.9 95.9

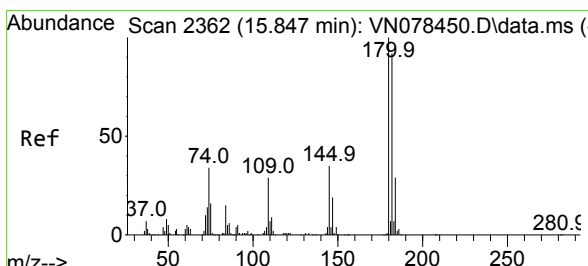
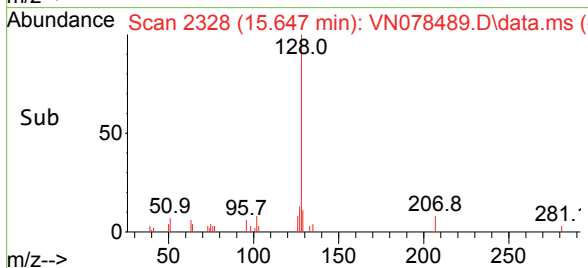
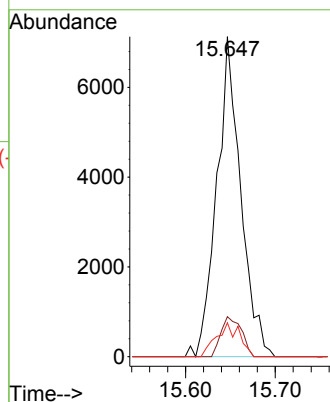
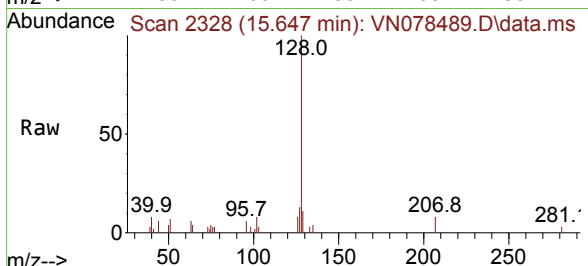




#95
Naphthalene
Concen: 1.430 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0713MBL01

Tgt Ion:	128	Resp:	13230
Ion Ratio	Lower	Upper	
128	100		
127	10.7	10.0	15.0
129	10.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.433 ug/l
RT: 15.852 min Scan# 2363
Delta R.T. 0.005 min
Lab File: VN078489.D
Acq: 13 Jul 2023 11:07

Tgt Ion:	180	Resp:	4459
Ion Ratio	Lower	Upper	
180	100		
182	82.5	46.2	138.6
145	20.1	17.5	52.6

