

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079263.D
 Acq On : 15 Sep 2023 10:32
 Operator : JC\MD
 Sample : VN0915WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:35:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	172728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	270408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	76645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143824	61.683	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 123.360%	
35) Dibromofluoromethane	8.171	113	110894	52.528	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.060%	
50) Toluene-d8	10.571	98	391795	50.543	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	12.853	95	102289	41.368	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 82.740%#	

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	686	0.306	ug/l	100
5) Bromomethane	2.948	94	1027	0.731	ug/l #	4
6) Chloroethane	3.100	64	639	Below Cal	#	43
10) Methyl Iodide	4.606	142	726	0.466	ug/l #	91
11) Tert butyl alcohol	5.512	59	2517	5.847	ug/l #	72
13) Acrolein	4.200	56	342	0.833	ug/l	84
15) Acrylonitrile	5.730	53	977	0.875	ug/l	91
16) Acetone	4.459	43	1359	1.372	ug/l #	40
17) Carbon Disulfide	4.718	76	3158	0.548	ug/l #	79
18) Methyl Acetate	5.047	43	1572	0.386	ug/l #	56
20) Methylene Chloride	5.283	84	1226	0.509	ug/l #	73
25) 2-Butanone	7.506	43	650	0.452	ug/l	92
29) Tetrahydrofuran	7.853	42	244	0.267	ug/l #	20
31) Cyclohexane	8.235	56	4408	1.295	ug/l #	27
36) 1,1-Dichloropropene	8.230	75	15717	4.830	ug/l #	48
38) Carbon Tetrachloride	8.230	117	19784	5.875	ug/l #	16
43) Isopropyl Acetate	8.724	43	1753	0.331	ug/l #	49
49) 1,4-Dioxane	9.706	88	107	2.193	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	1451	0.472	ug/l #	77
58) 2-Chloroethyl Vinyl ether	10.171	63	194	Below Cal	#	42
59) 2-Hexanone	11.194	43	2700	1.213	ug/l	74
74) N-amyl acetate	12.494	43	1066	0.403	ug/l #	72
76) 1,2,3-Trichloropropane	12.853	75	57585	27.877	ug/l #	1
77) Bromobenzene	12.994	156	546	0.309	ug/l	68
78) n-propylbenzene	13.047	91	1757	0.224	ug/l	77
79) 2-Chlorotoluene	13.129	91	1254	0.245	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.853	75	57585	76.640	ug/l #	15
82) 4-Chlorotoluene	13.223	91	1755	0.365	ug/l	95
84) 1,2,4-Trimethylbenzene	13.494	105	1377	0.249	ug/l	94
85) sec-Butylbenzene	13.623	105	1497	0.226	ug/l #	78
87) 1,3-Dichlorobenzene	13.735	146	1406	0.485	ug/l	96
88) 1,4-Dichlorobenzene	13.735	146	1406	0.480	ug/l	94
89) n-Butylbenzene	14.059	91	2192	0.527	ug/l	85
91) 1,2-Dichlorobenzene	14.111	146	1565	0.547	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	14.711	75	285	0.722	ug/l #	17
93) 1,2,4-Trichlorobenzene	15.394	180	1759	1.712	ug/l	92

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

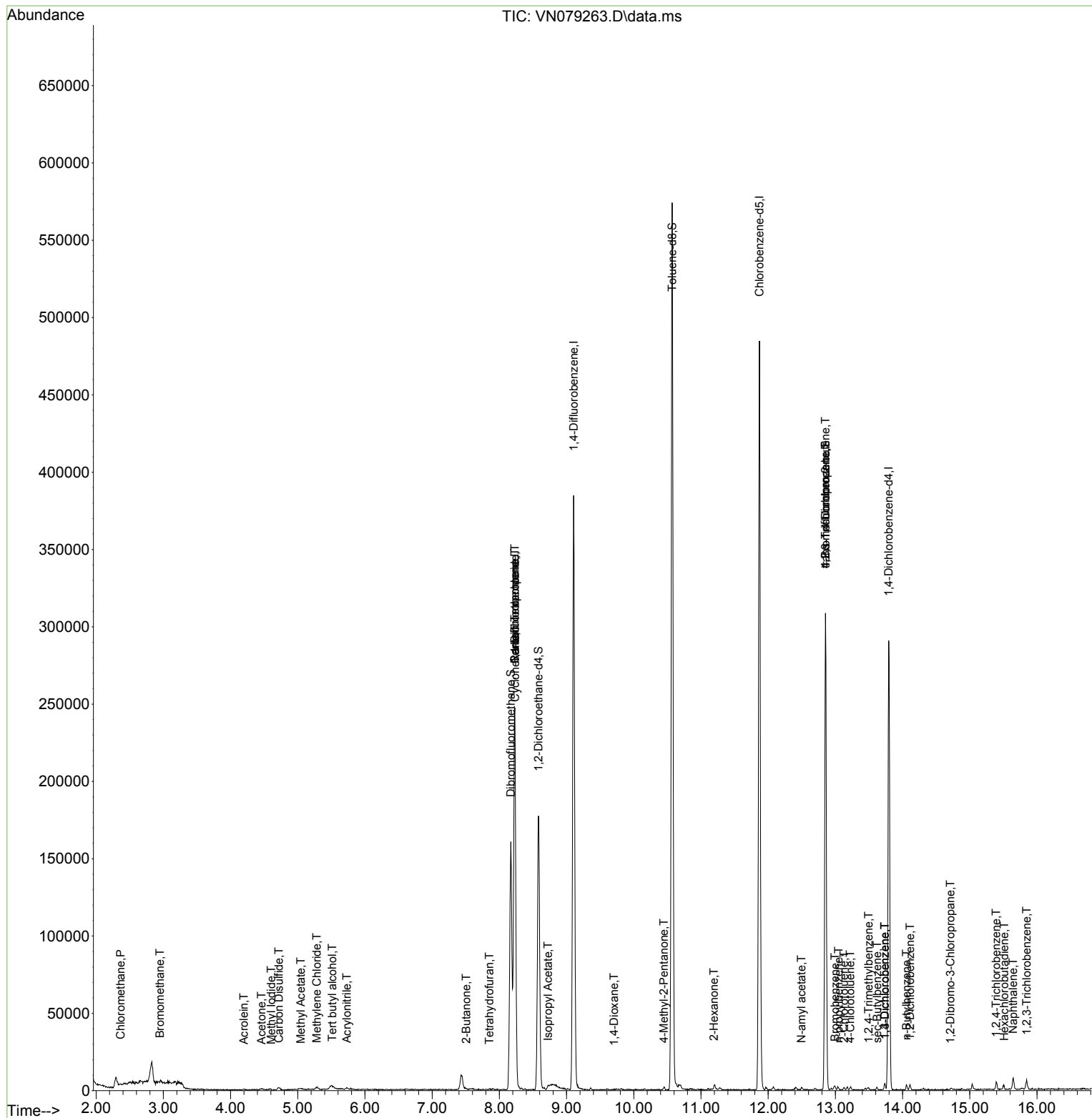
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.511	225	686	0.849	ug/l	81
95) Naphthalene	15.647	128	7007	2.296	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	2294	1.893	ug/l	90

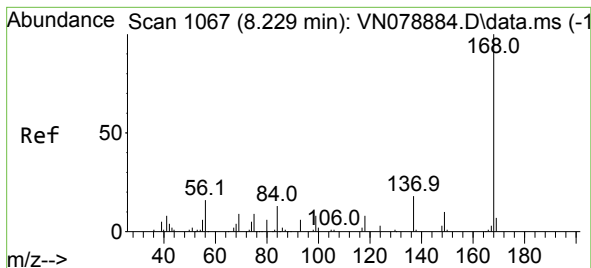
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079263.D

Acq: 15 Sep 2023 10:32

Instrument :

MSVOA_N

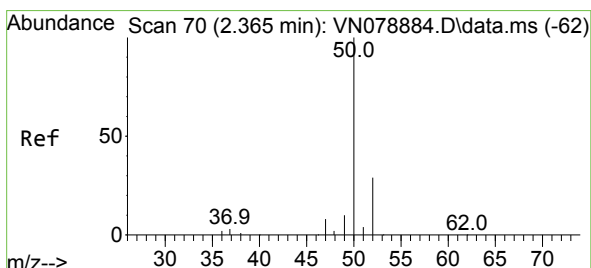
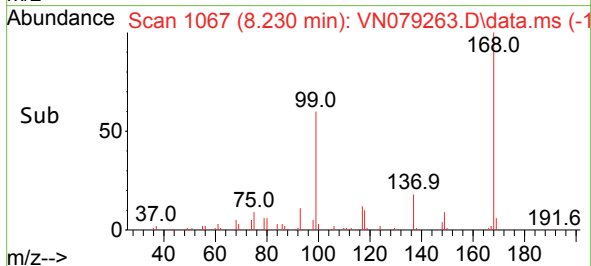
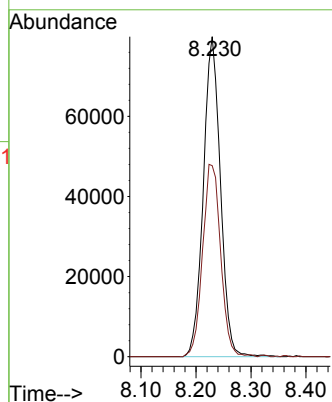
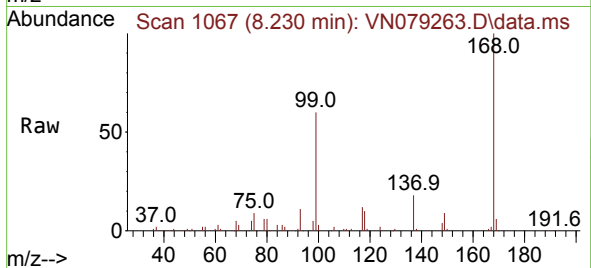
ClientSampleId :

Tgt Ion:168 Resp: 172728

Ion Ratio Lower Upper

168 100

99 59.7 53.0 79.6



#3

Chloromethane

Concen: 0.306 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079263.D

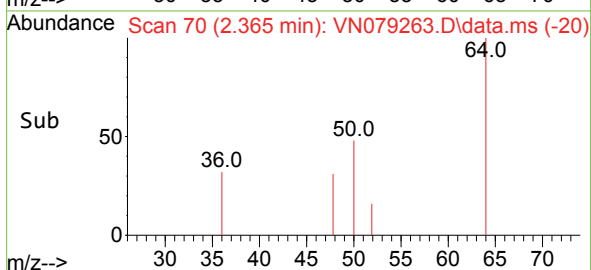
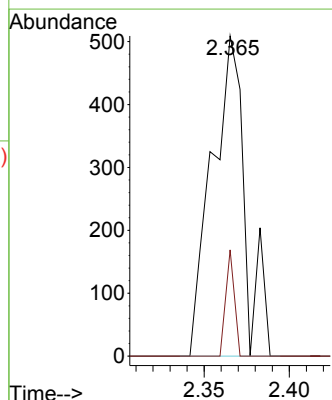
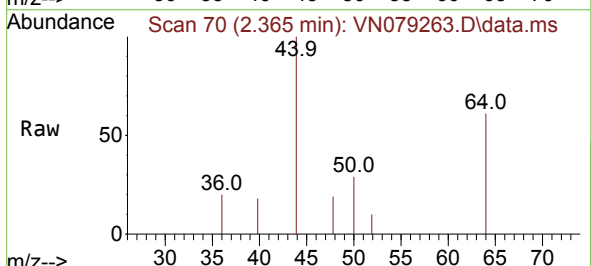
Acq: 15 Sep 2023 10:32

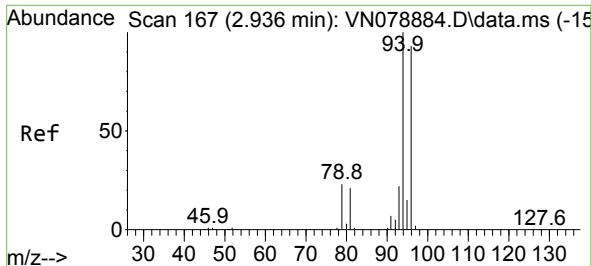
Tgt Ion: 50 Resp: 686

Ion Ratio Lower Upper

50 100

52 33.2 26.5 39.7

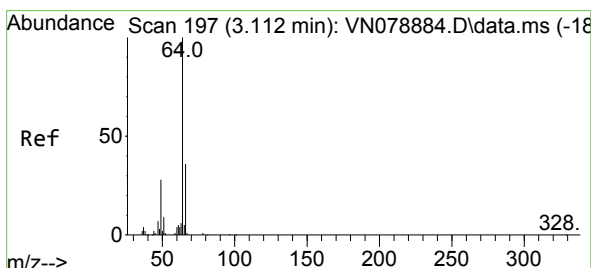
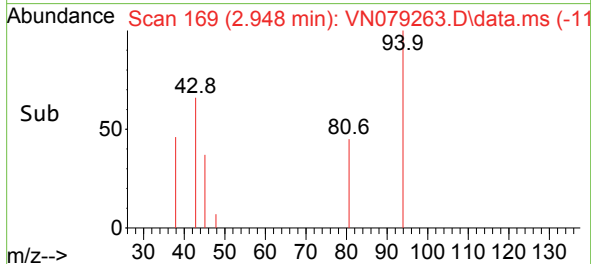
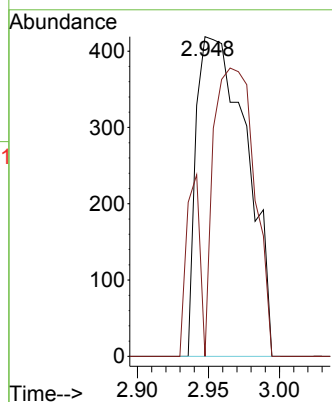
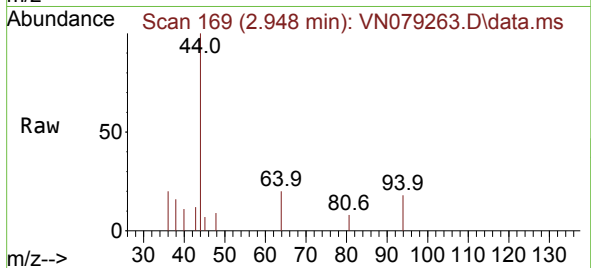




#5
Bromomethane
Concen: 0.731 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

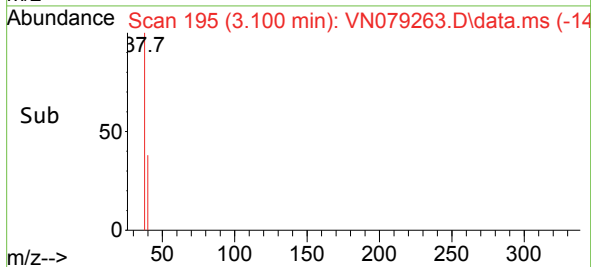
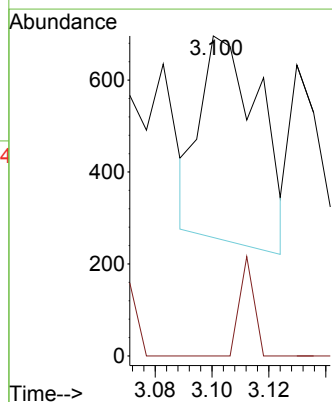
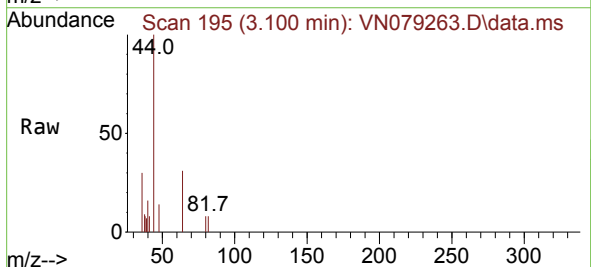
Instrument :
MSVOA_N
ClientSampleId :

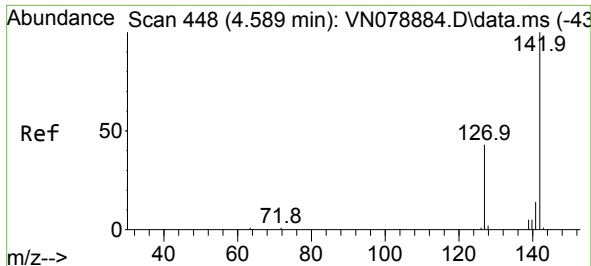
Tgt Ion: 94 Resp: 1027
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.100 min Scan# 195
Delta R.T. -0.018 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

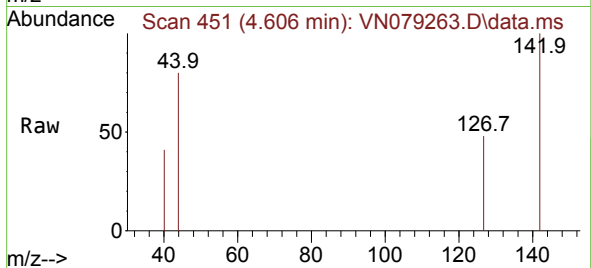
Tgt Ion: 64 Resp: 639
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



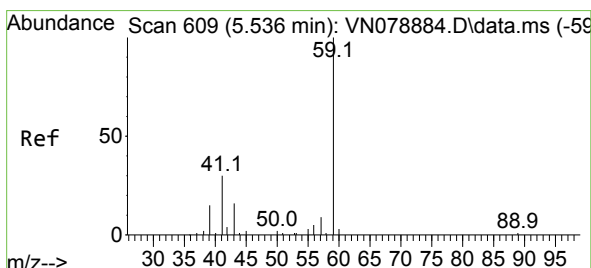
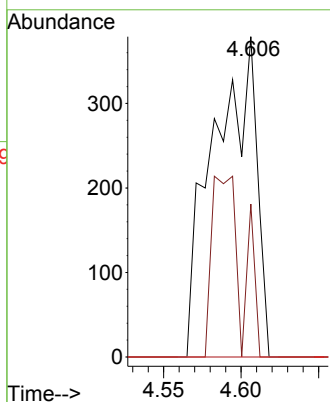
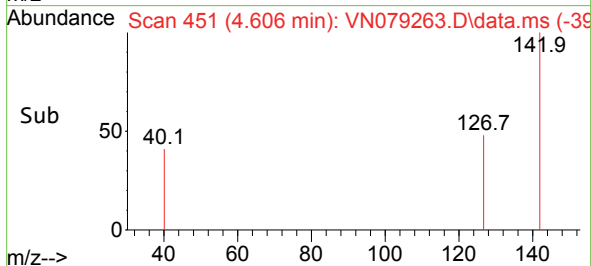


#10
Methyl Iodide
Concen: 0.466 ug/l
RT: 4.606 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :

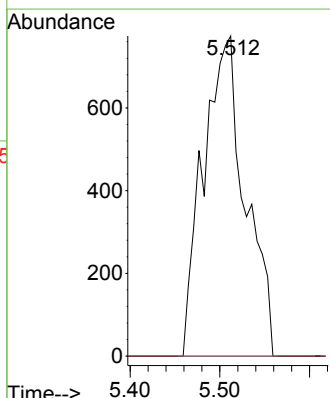
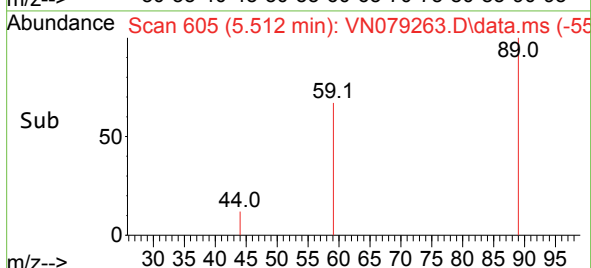
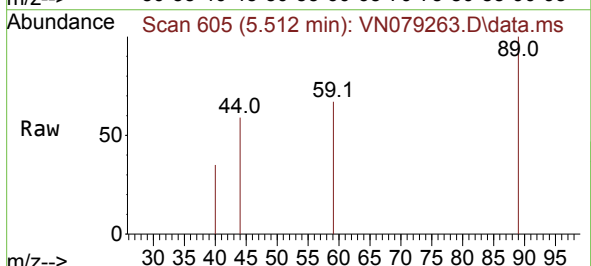


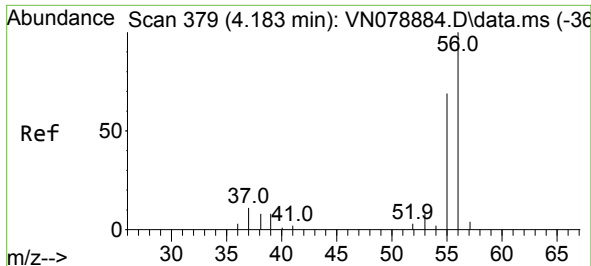
Tgt Ion:142 Resp: 726
Ion Ratio Lower Upper
142 100
127 47.8 37.6 56.4
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 5.847 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.030 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

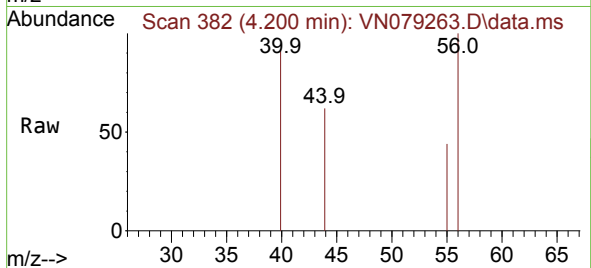
Tgt Ion: 59 Resp: 2517
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



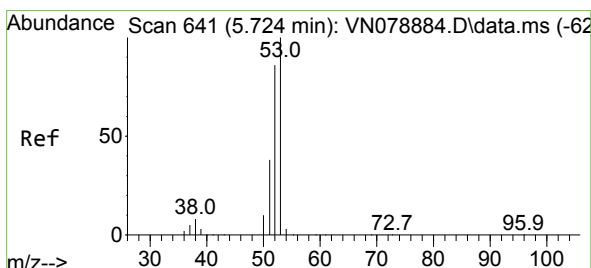
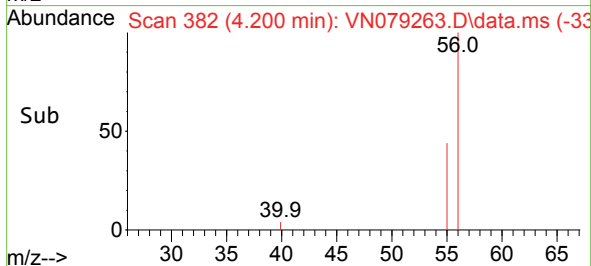
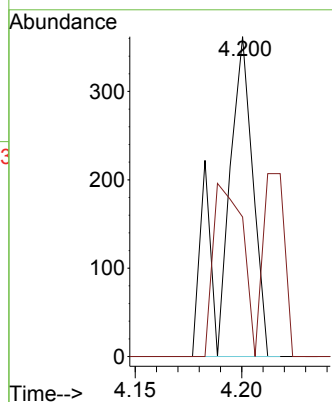


#13
Acrolein
Concen: 0.833 ug/l
RT: 4.200 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :

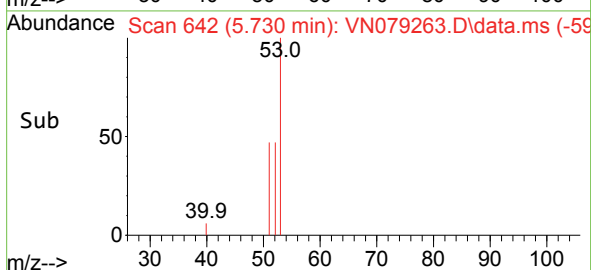
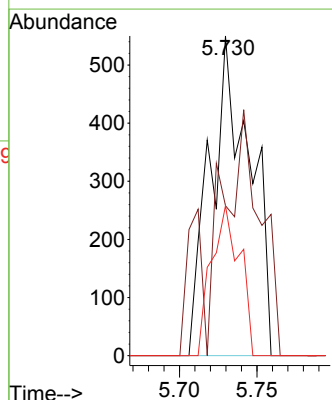
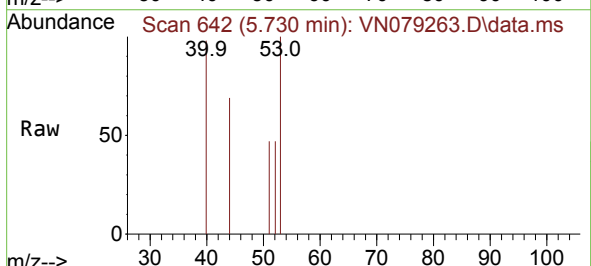


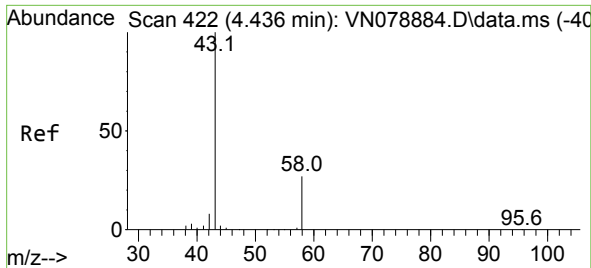
Tgt Ion: 56 Resp: 342
Ion Ratio Lower Upper
56 100
55 55.0 54.5 81.7



#15
Acrylonitrile
Concen: 0.875 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

Tgt Ion: 53 Resp: 977
Ion Ratio Lower Upper
53 100
52 71.2 65.3 97.9
51 33.7 28.9 43.3





#16

Acetone

Concen: 1.372 ug/l

RT: 4.459 min Scan# 41

Delta R.T. 0.017 min

Lab File: VN079263.D

Acq: 15 Sep 2023 10:32

Instrument :

MSVOA_N

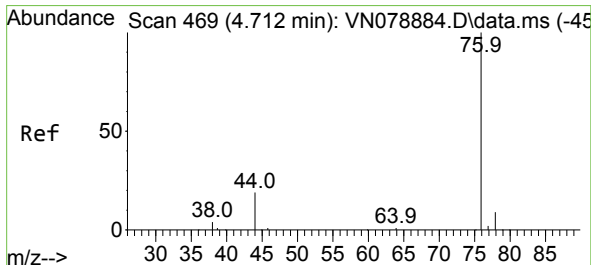
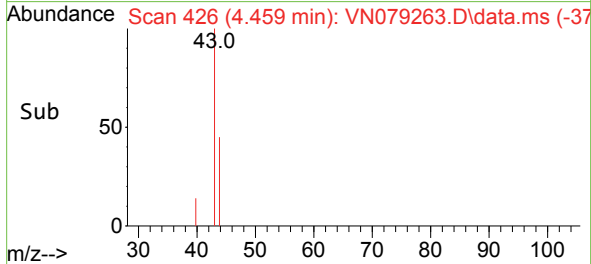
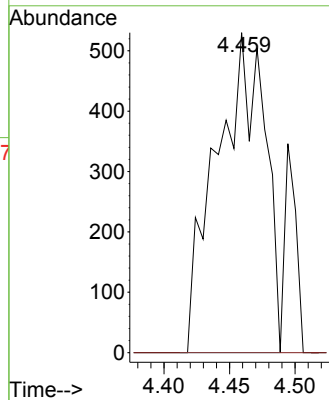
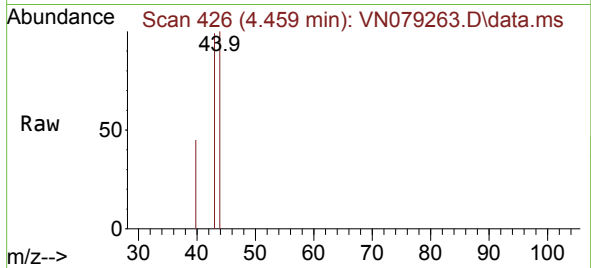
ClientSampleId :

Tgt Ion: 43 Resp: 1359

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#17

Carbon Disulfide

Concen: 0.548 ug/l

RT: 4.718 min Scan# 470

Delta R.T. -0.006 min

Lab File: VN079263.D

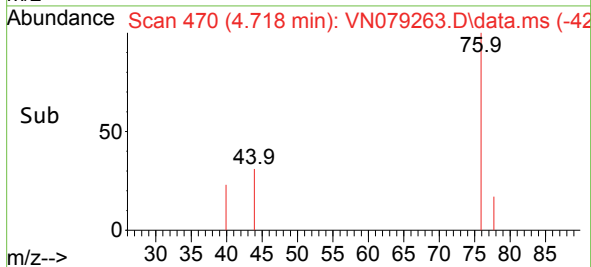
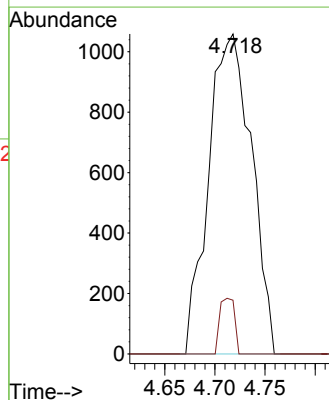
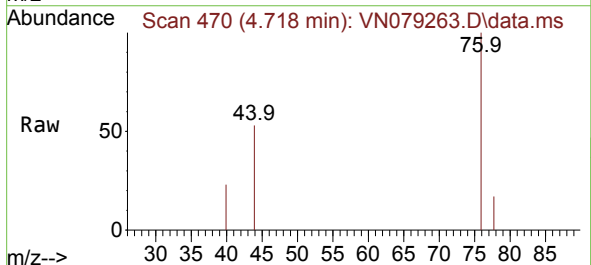
Acq: 15 Sep 2023 10:32

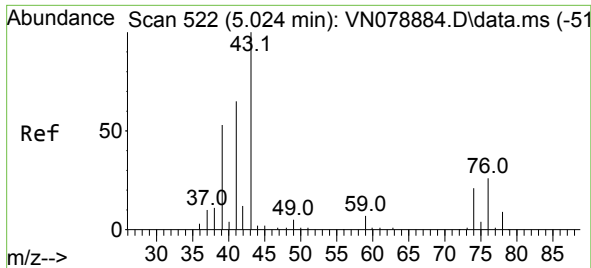
Tgt Ion: 76 Resp: 3158

Ion Ratio Lower Upper

76 100

78 16.8 7.4 11.0#

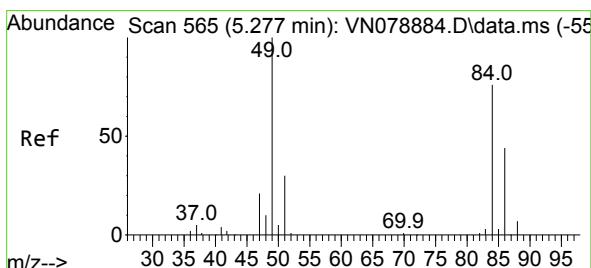
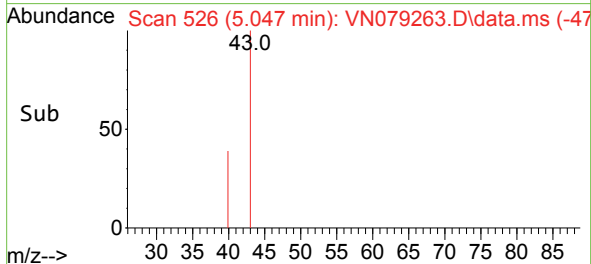
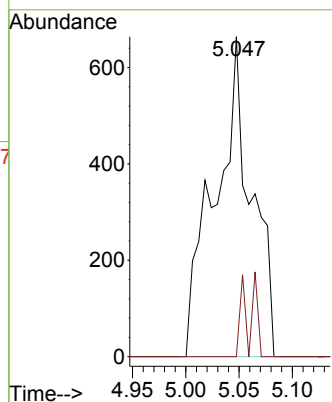
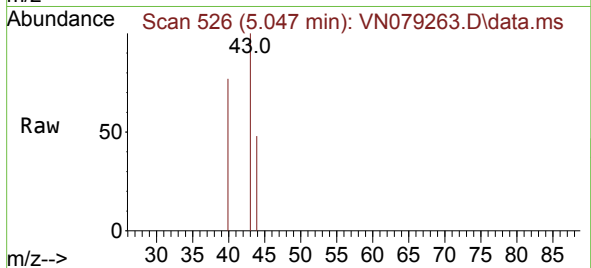




#18
Methyl Acetate
Concen: 0.386 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

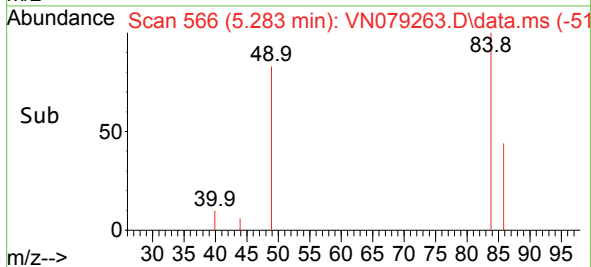
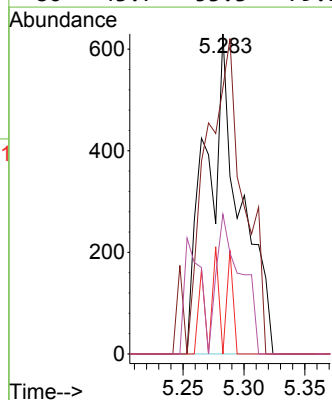
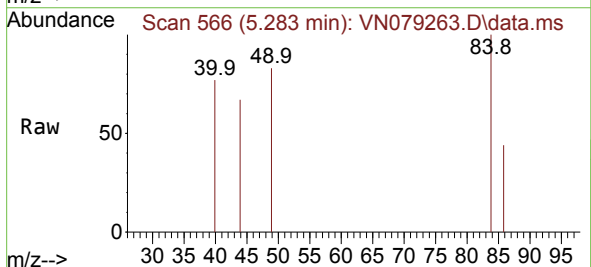
Instrument :
MSVOA_N
ClientSampleId :

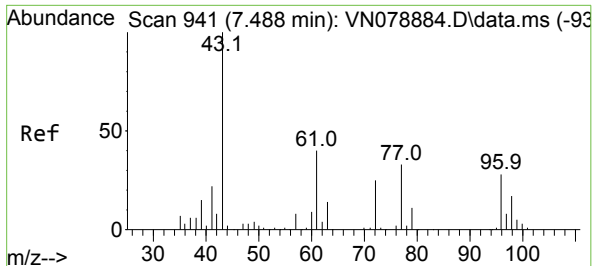
Tgt Ion: 43 Resp: 1572
Ion Ratio Lower Upper
43 100
74 7.8 26.2 39.4#



#20
Methylene Chloride
Concen: 0.509 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

Tgt Ion: 84 Resp: 1226
Ion Ratio Lower Upper
84 100
49 83.2 79.7 119.5
51 0.0 25.2 37.8#
86 43.7 53.3 79.9#





#25

2-Butanone

Concen: 0.452 ug/l

RT: 7.506 min Scan# 941

Delta R.T. 0.012 min

Lab File: VN079263.D

Acq: 15 Sep 2023 10:32

Instrument :

MSVOA_N

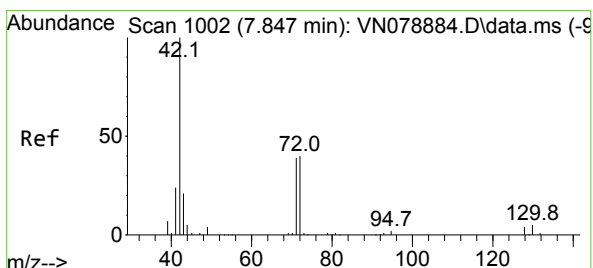
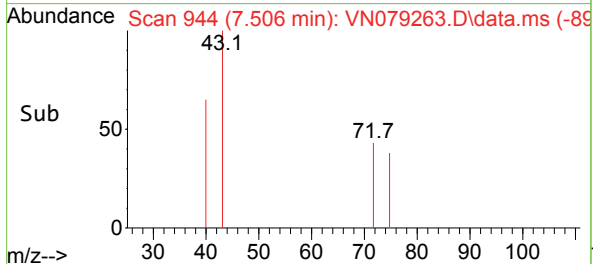
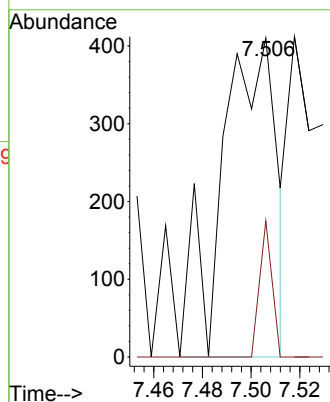
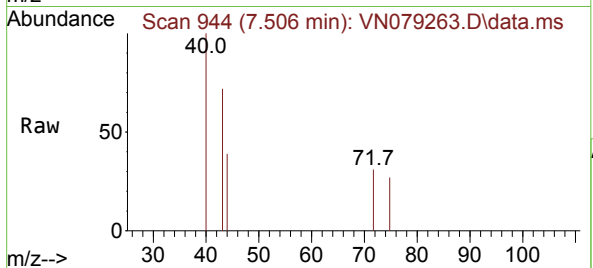
ClientSampleId :

Tgt Ion: 43 Resp: 650

Ion Ratio Lower Upper

43 100

72 42.7 30.2 45.2



#29

Tetrahydrofuran

Concen: 0.267 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN079263.D

Acq: 15 Sep 2023 10:32

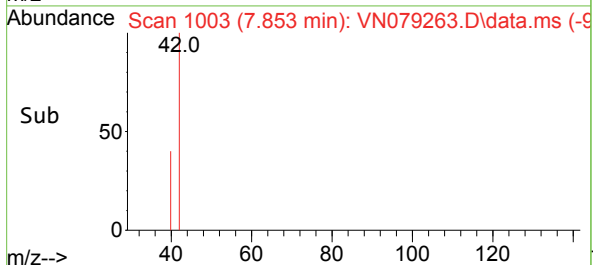
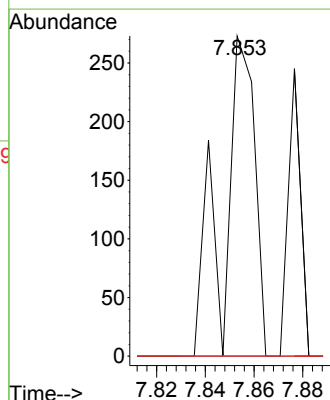
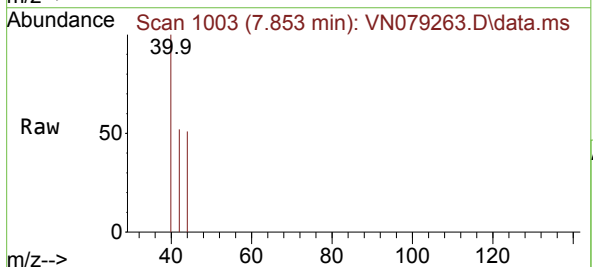
Tgt Ion: 42 Resp: 244

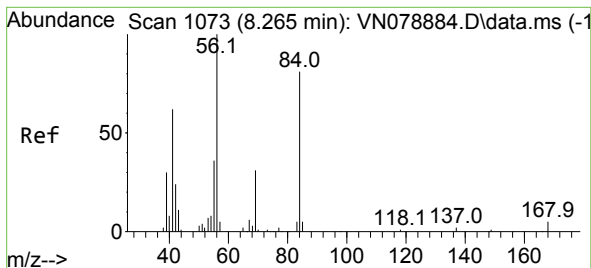
Ion Ratio Lower Upper

42 100

72 0.0 49.8 74.6#

71 0.0 47.4 71.2#





#31

Cyclohexane

Concen: 1.295 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.030 min

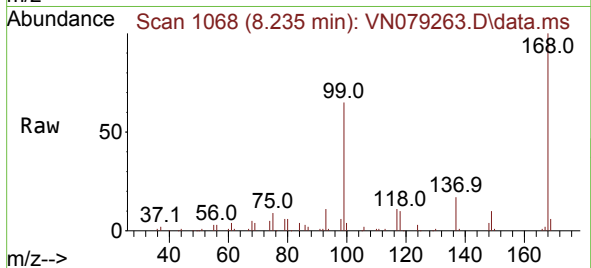
Lab File: VN079263.D

Acq: 15 Sep 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :



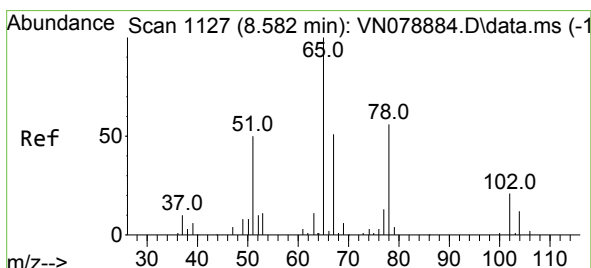
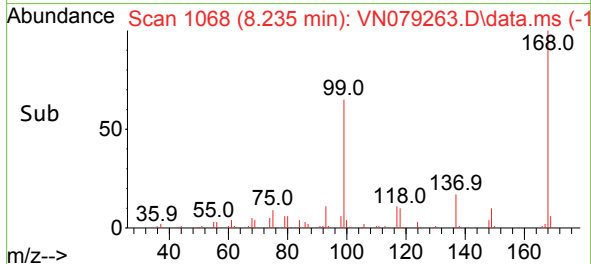
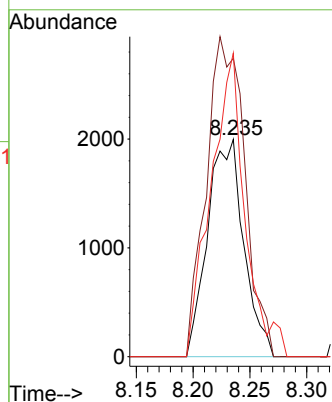
Tgt Ion: 56 Resp: 4408

Ion Ratio Lower Upper

56 100

69 137.4 26.8 40.2#

84 139.7 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 61.683 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079263.D

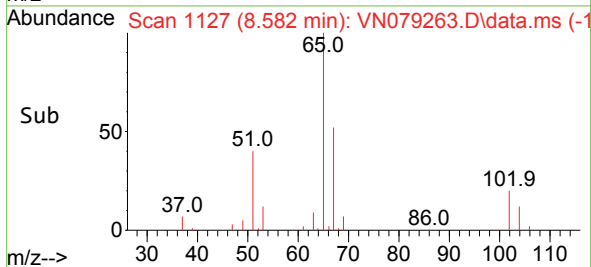
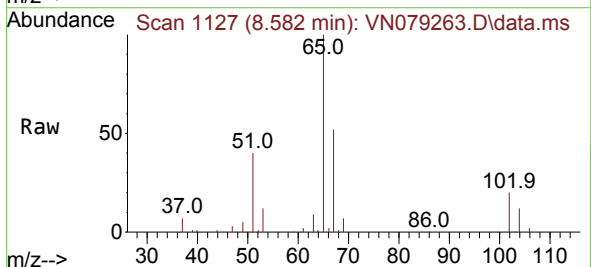
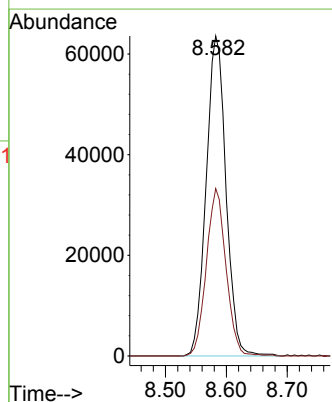
Acq: 15 Sep 2023 10:32

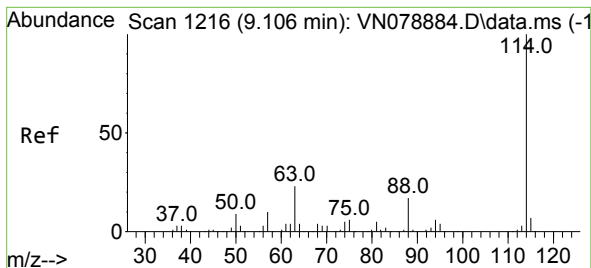
Tgt Ion: 65 Resp: 143824

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079263.D

Acq: 15 Sep 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

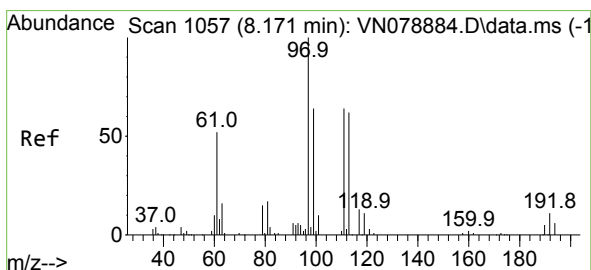
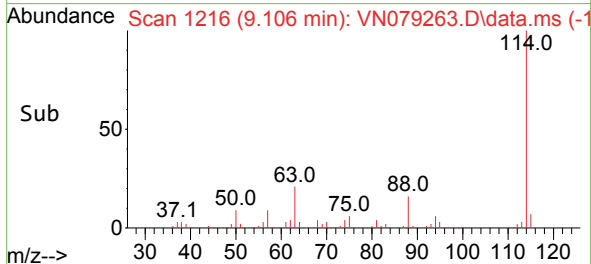
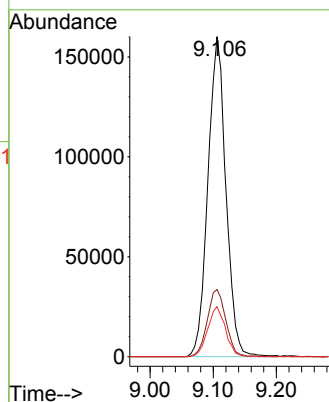
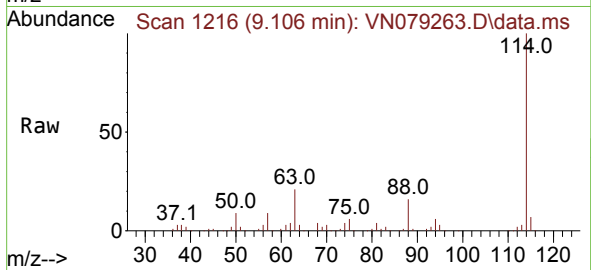
Tgt Ion:114 Resp: 317377

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.528 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079263.D

Acq: 15 Sep 2023 10:32

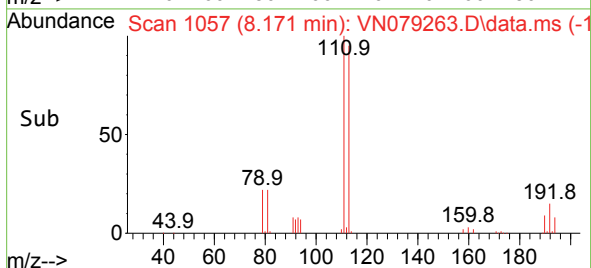
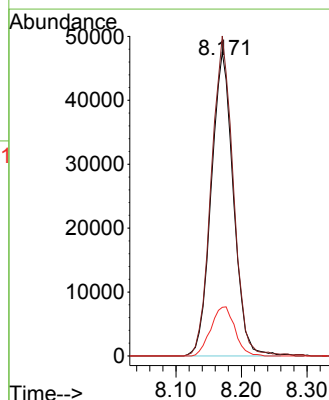
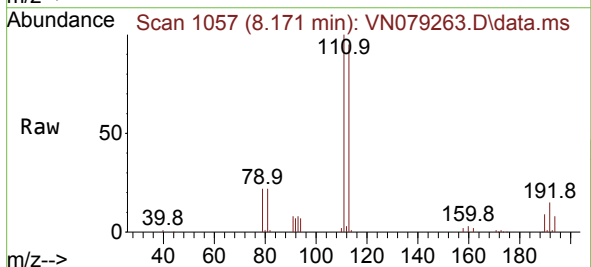
Tgt Ion:113 Resp: 110894

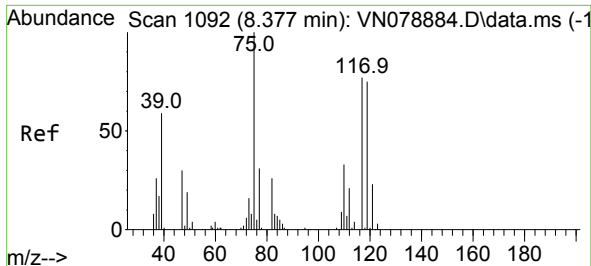
Ion Ratio Lower Upper

113 100

111 105.0 82.6 123.8

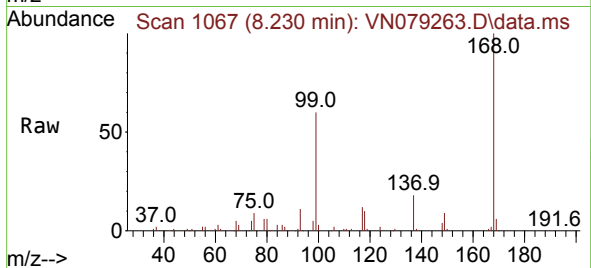
192 17.6 12.7 19.1



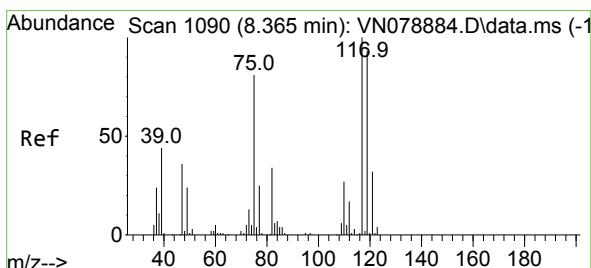
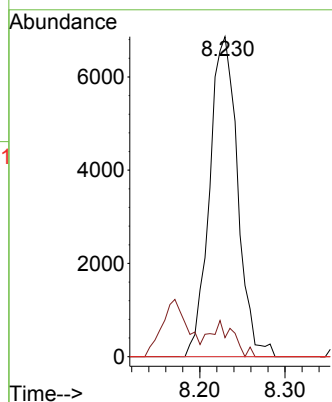
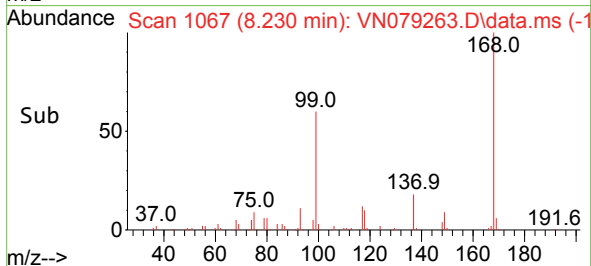


#36
 1,1-Dichloropropene
 Concen: 4.830 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.147 min
 Lab File: VN079263.D
 Acq: 15 Sep 2023 10:32

Instrument :
 MSVOA_N
 ClientSampleId :

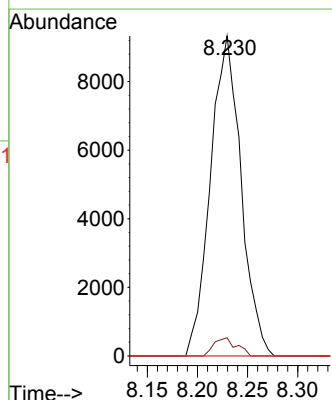
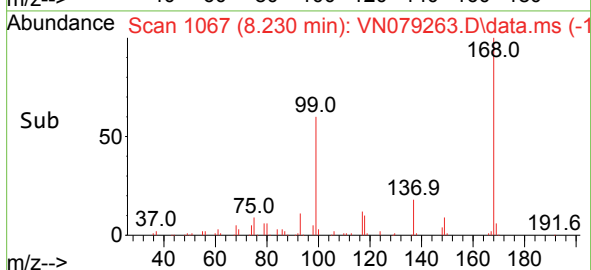
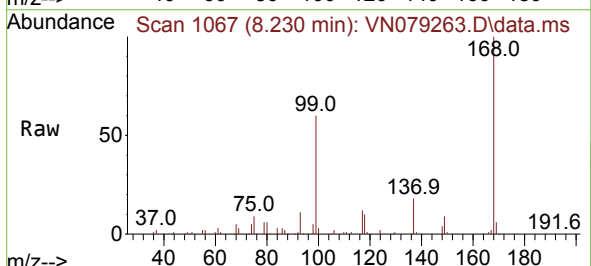


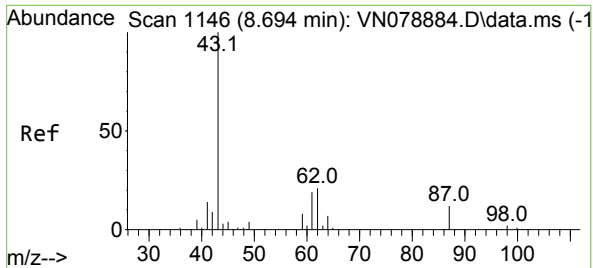
Tgt Ion: 75 Resp: 15717
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.1 57.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.875 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.141 min
 Lab File: VN079263.D
 Acq: 15 Sep 2023 10:32

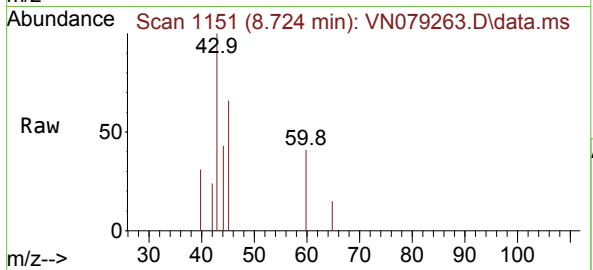
Tgt Ion: 117 Resp: 19784
 Ion Ratio Lower Upper
 117 100
 119 5.7 77.3 115.9#
 121 0.0 23.3 34.9#



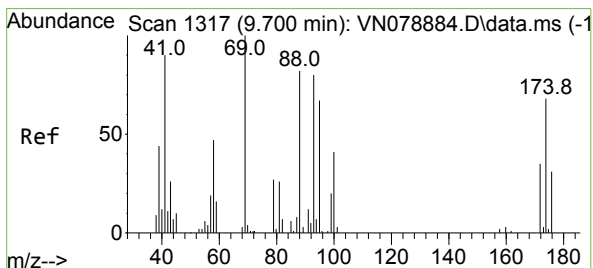
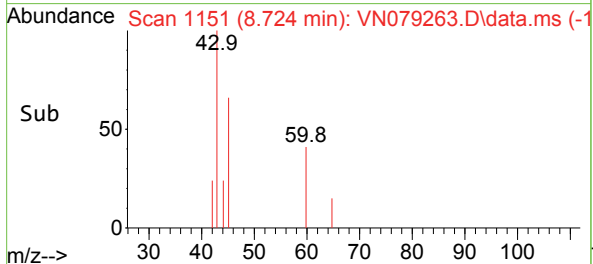
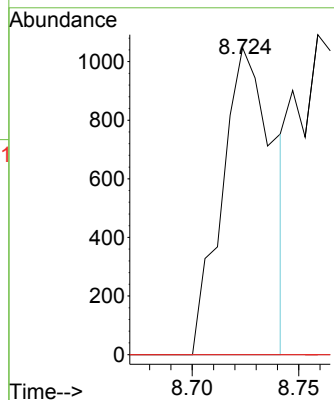


#43
Isopropyl Acetate
Concen: 0.331 ug/l
RT: 8.724 min Scan# 1151
Delta R.T. 0.030 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :

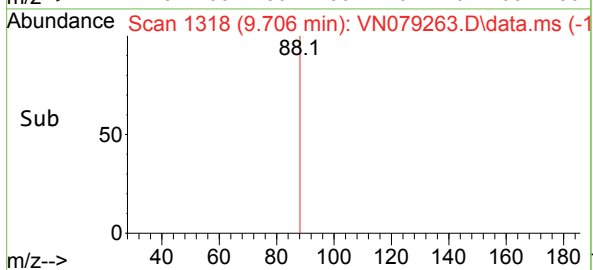
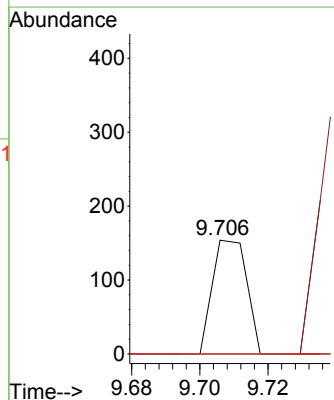
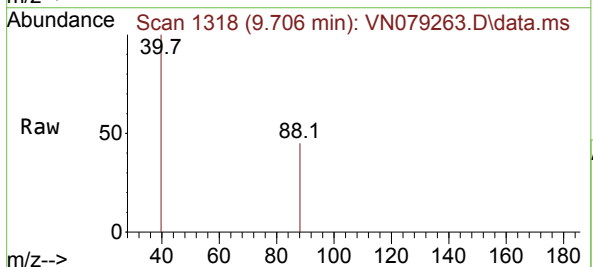


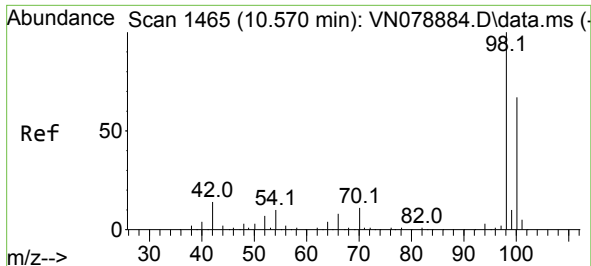
Tgt Ion: 43 Resp: 1753
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#49
1,4-Dioxane
Concen: 2.193 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

Tgt Ion: 88 Resp: 107
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#

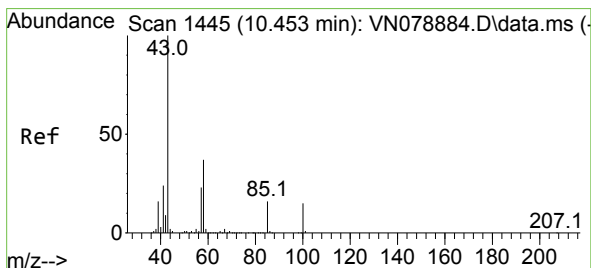
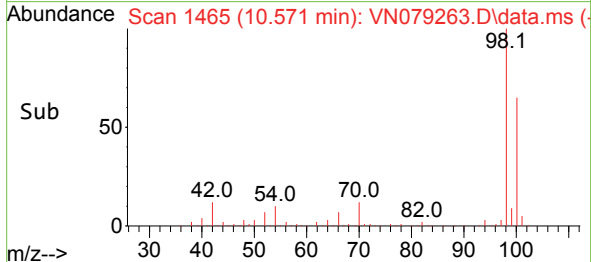
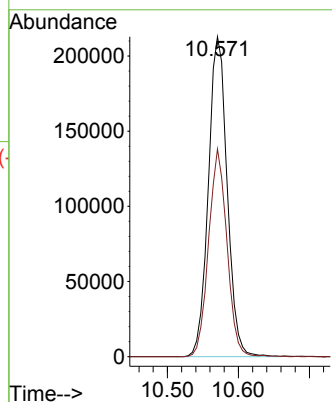
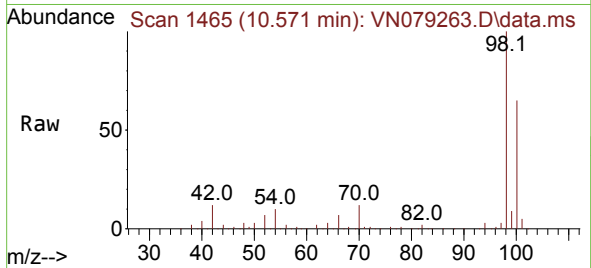




#50
Toluene-d8
Concen: 50.543 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

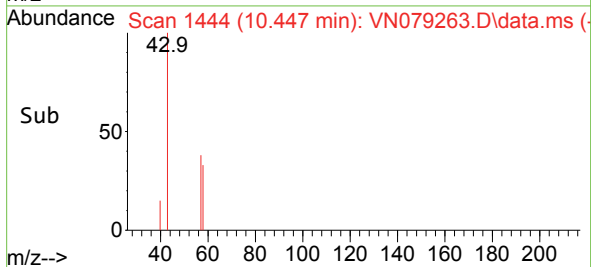
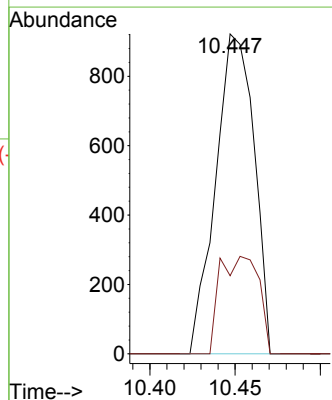
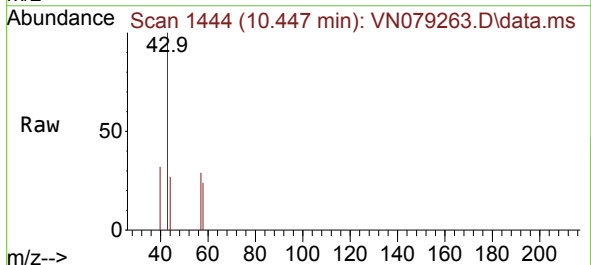
Instrument :
MSVOA_N
ClientSampleId :

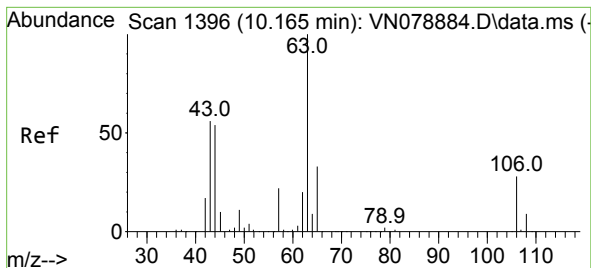
Tgt Ion: 98 Resp: 391795
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

Tgt Ion: 43 Resp: 1451
Ion Ratio Lower Upper
43 100
58 30.8 36.6 54.8#

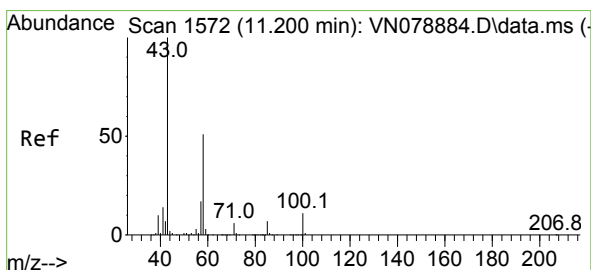
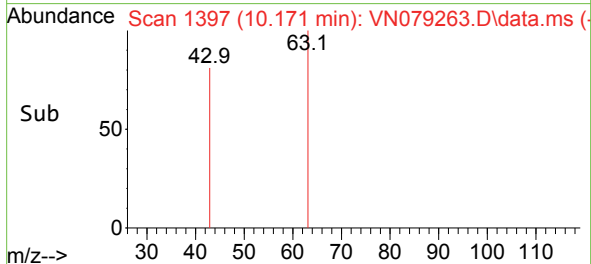
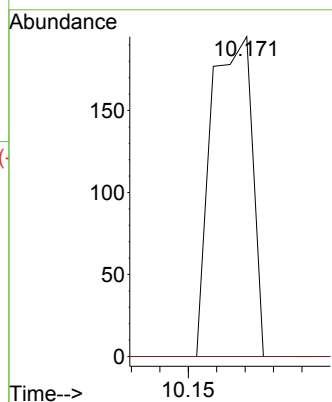
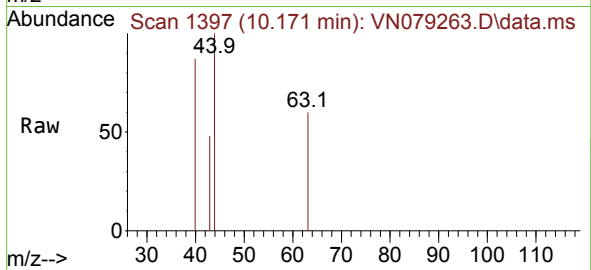




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 10.171 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

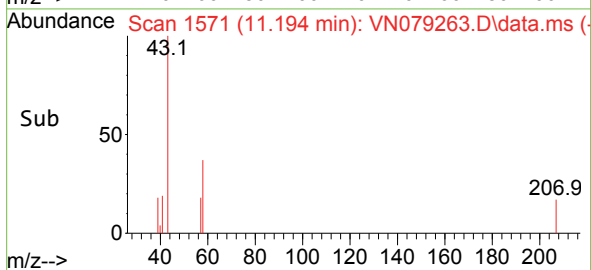
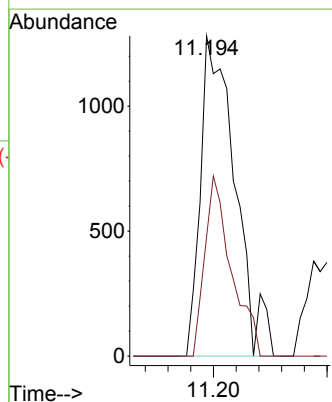
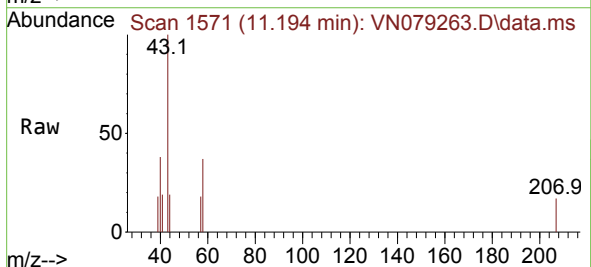
Instrument :
MSVOA_N
ClientSampleId :

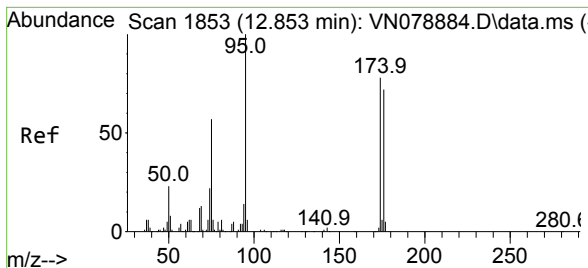
Tgt Ion: 63 Resp: 194
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#



#59
2-Hexanone
Concen: 1.213 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

Tgt Ion: 43 Resp: 2700
Ion Ratio Lower Upper
43 100
58 43.3 31.7 95.1

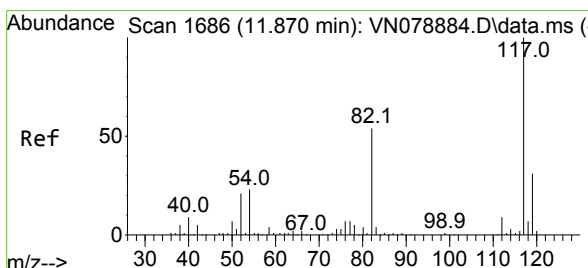
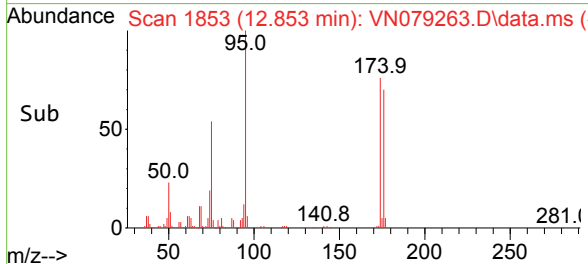
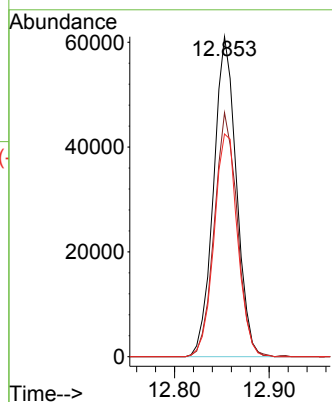
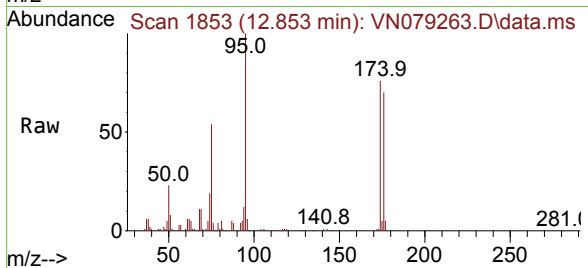




#62
4-Bromofluorobenzene
Concen: 41.368 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

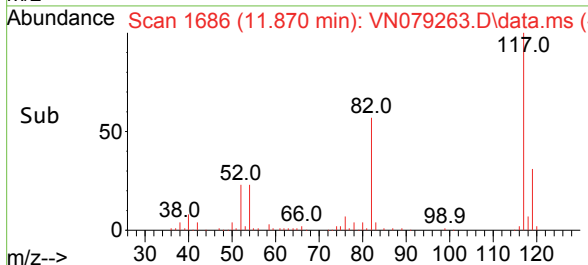
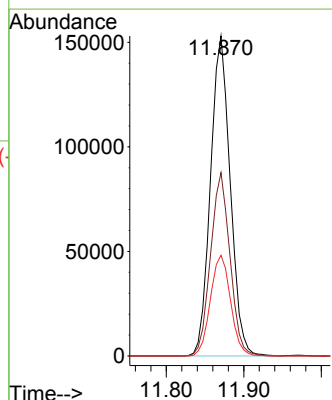
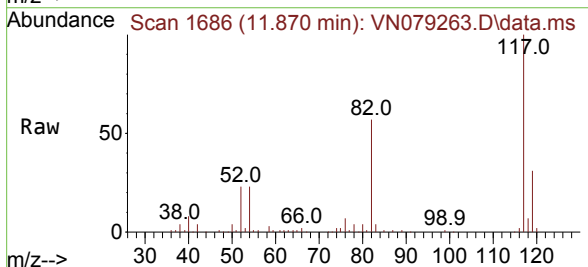
Instrument :
MSVOA_N
ClientSampleId :

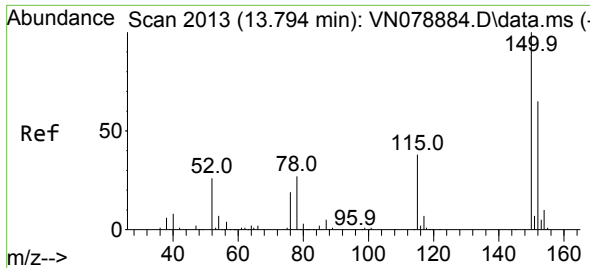
Tgt Ion: 95 Resp: 102289
Ion Ratio Lower Upper
95 100
174 76.6 0.0 143.8
176 72.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

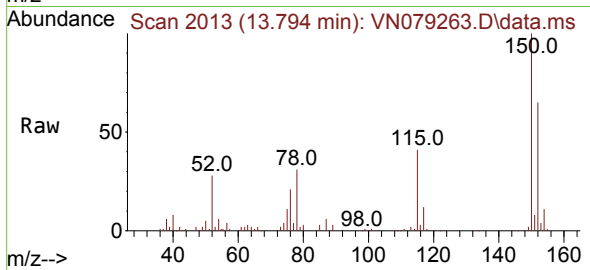
Tgt Ion: 117 Resp: 270408
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 31.4 25.6 38.4



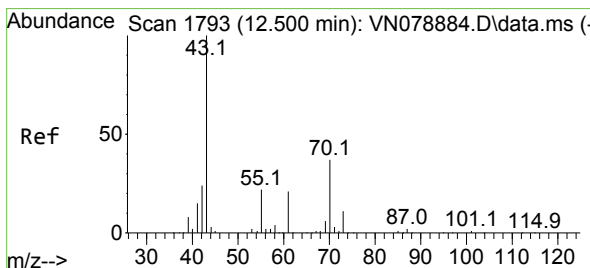
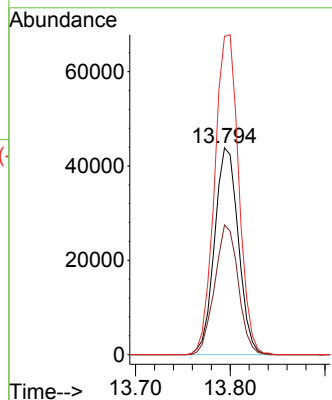
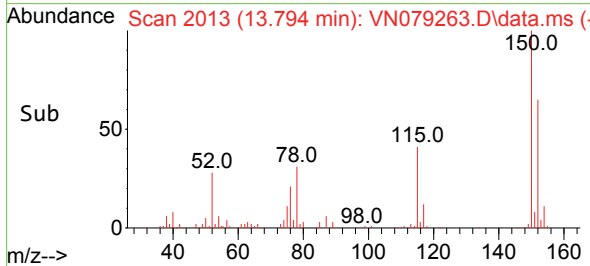


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079263.D
 Acq: 15 Sep 2023 10:32

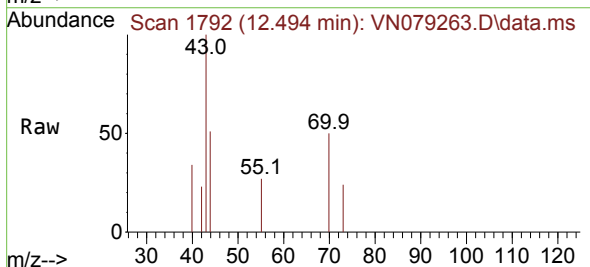
Instrument :
 MSVOA_N
 ClientSampleId :



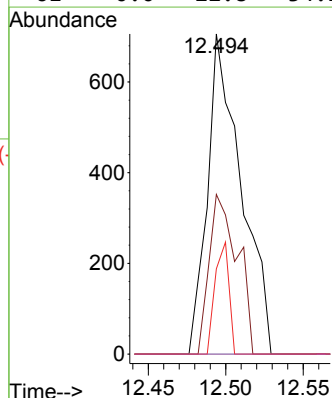
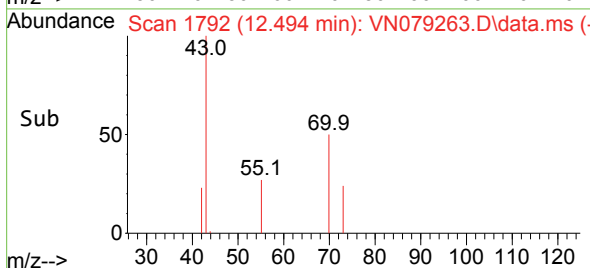
Tgt Ion:152 Resp: 76645
 Ion Ratio Lower Upper
 152 100
 115 62.0 32.3 96.8
 150 156.4 0.0 355.8

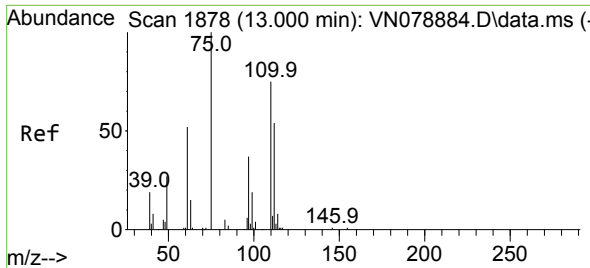


#74
 N-ethyl acetate
 Concen: 0.403 ug/l
 RT: 12.494 min Scan# 1792
 Delta R.T. -0.006 min
 Lab File: VN079263.D
 Acq: 15 Sep 2023 10:32



Tgt Ion: 43 Resp: 1066
 Ion Ratio Lower Upper
 43 100
 70 41.9 43.4 65.2#
 55 14.4 21.4 32.0#
 61 0.0 22.8 34.2#

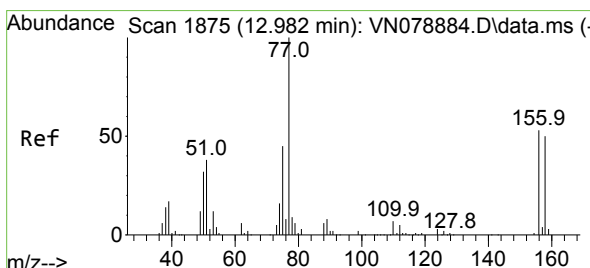
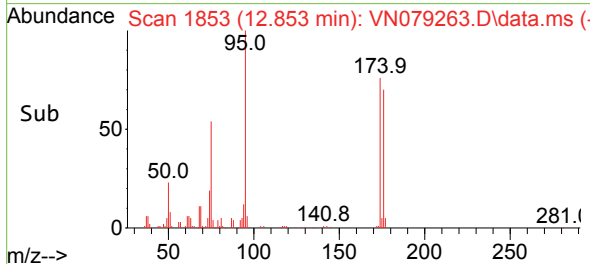
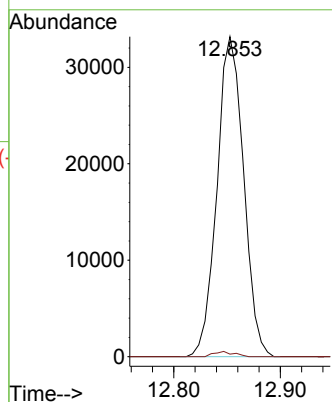
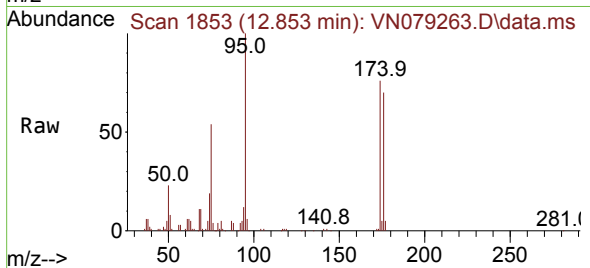




#76
1,2,3-Trichloropropane
Concen: 27.877 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

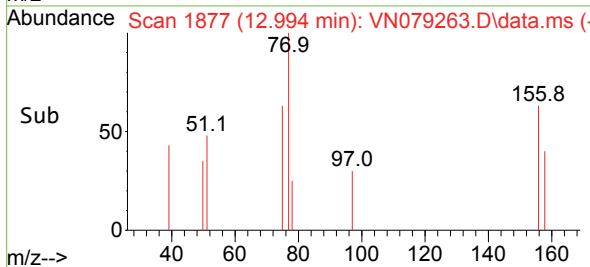
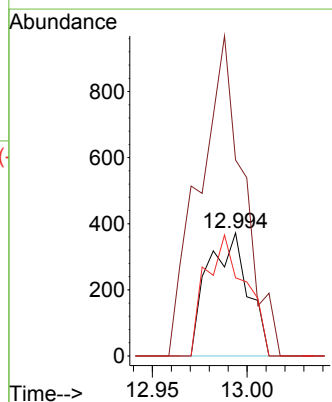
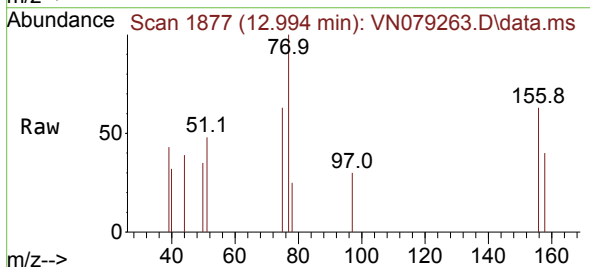
Instrument :
MSVOA_N
ClientSampleId :

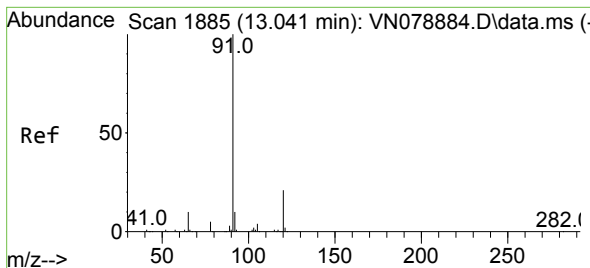
Tgt Ion: 75 Resp: 57585
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#77
Bromobenzene
Concen: 0.309 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.012 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

Tgt Ion:156 Resp: 546
Ion Ratio Lower Upper
156 100
77 287.5 107.7 323.3
158 97.8 48.4 145.3





#78

n-propylbenzene

Concen: 0.224 ug/l

RT: 13.047 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN079263.D

Acq: 15 Sep 2023 10:32

Instrument :

MSVOA_N

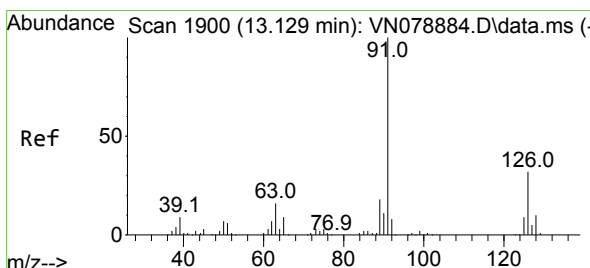
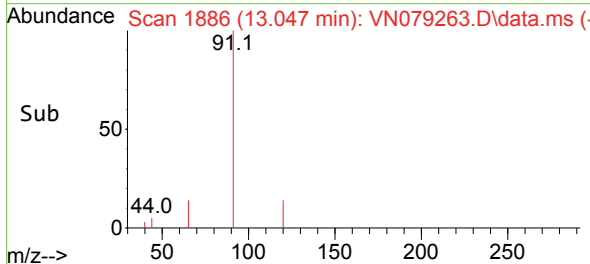
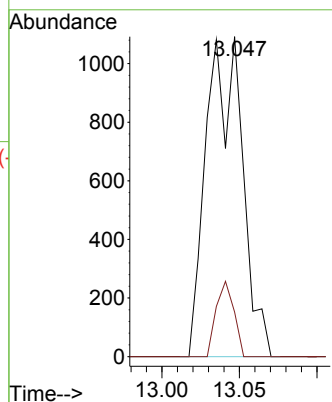
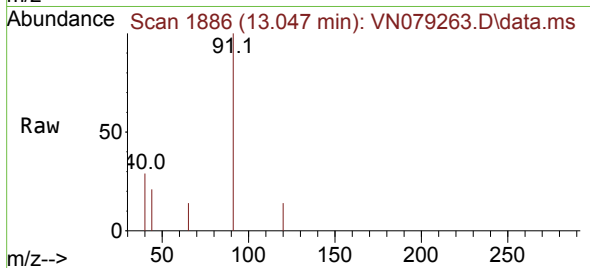
ClientSampleId :

Tgt Ion: 91 Resp: 1757

Ion Ratio Lower Upper

91 100

120 11.7 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.245 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079263.D

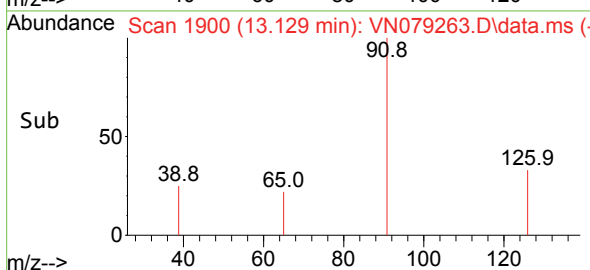
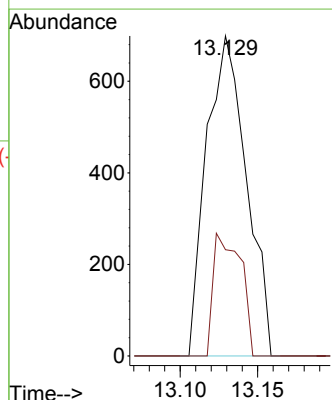
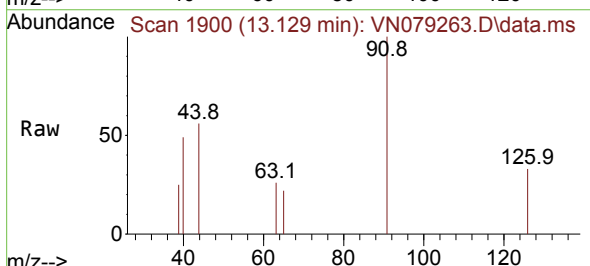
Acq: 15 Sep 2023 10:32

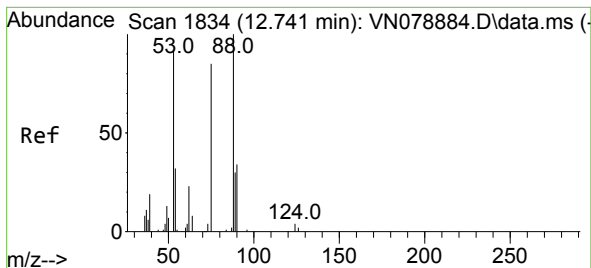
Tgt Ion: 91 Resp: 1254

Ion Ratio Lower Upper

91 100

126 26.2 16.3 48.8

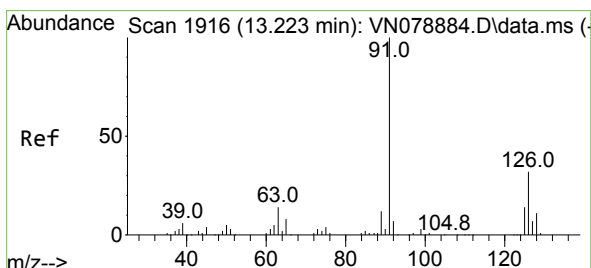
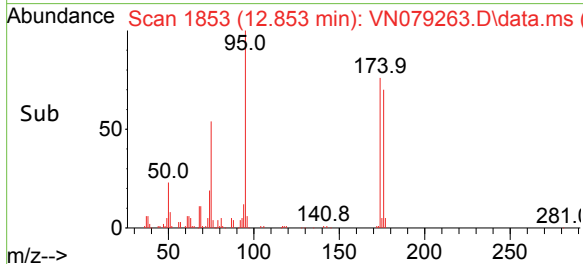
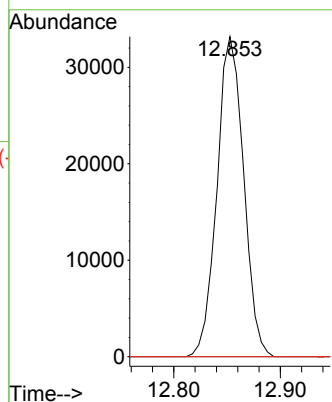
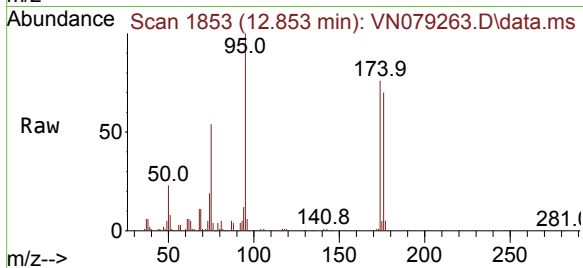




#81
trans-1,4-Dichloro-2-butene
Concen: 76.640 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

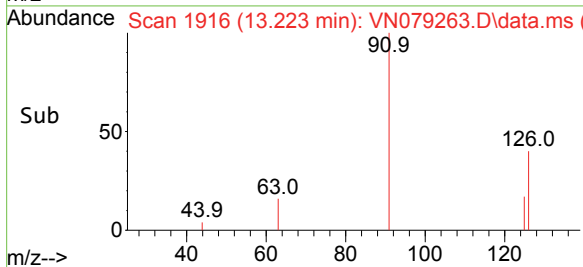
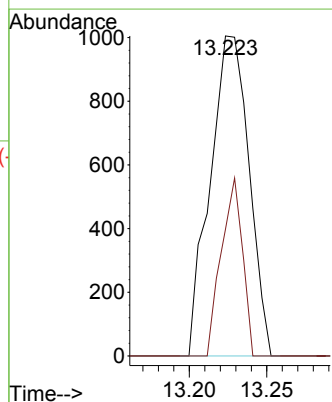
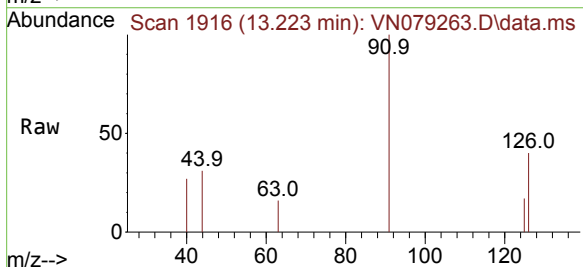
Instrument :
MSVOA_N
ClientSampleId :

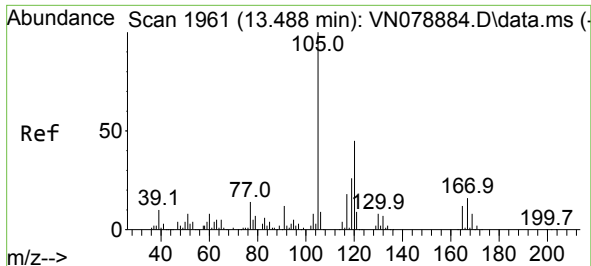
Tgt Ion: 75 Resp: 57585
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.365 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

Tgt Ion: 91 Resp: 1755
Ion Ratio Lower Upper
91 100
126 30.2 16.7 50.0

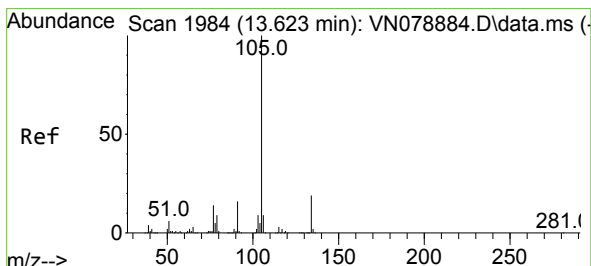
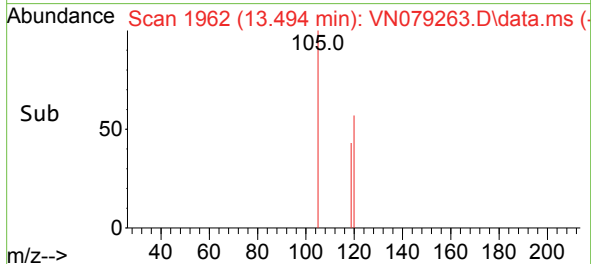
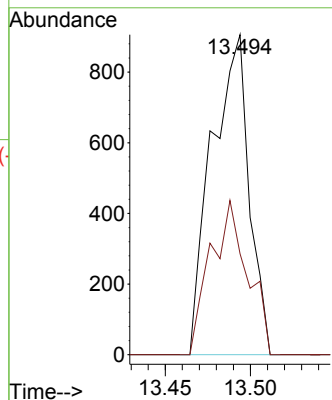
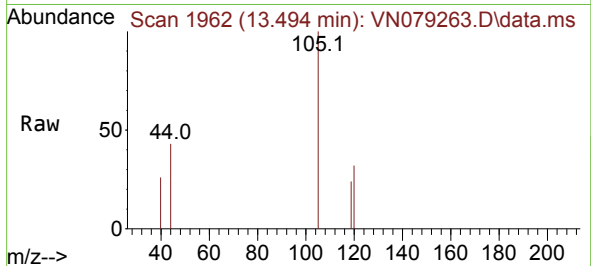




#84
1,2,4-Trimethylbenzene
Concen: 0.249 ug/l
RT: 13.494 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

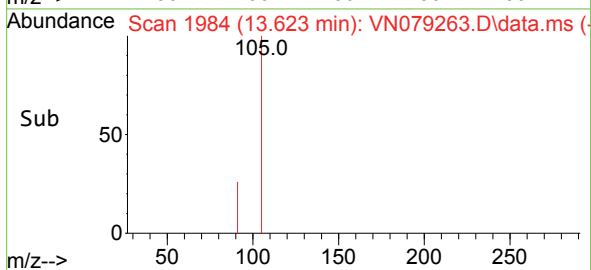
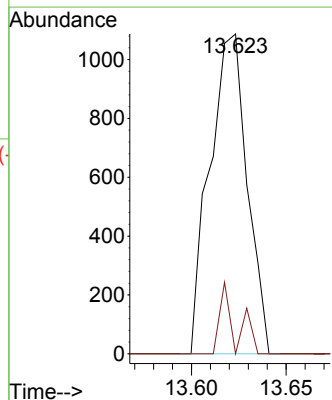
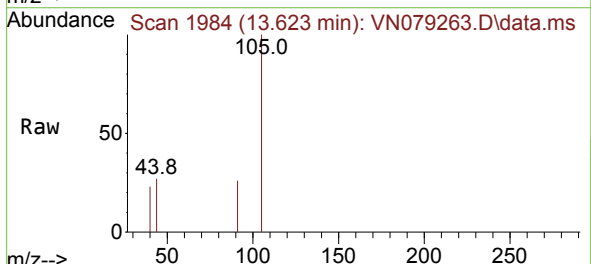
Instrument :
MSVOA_N
ClientSampleId :

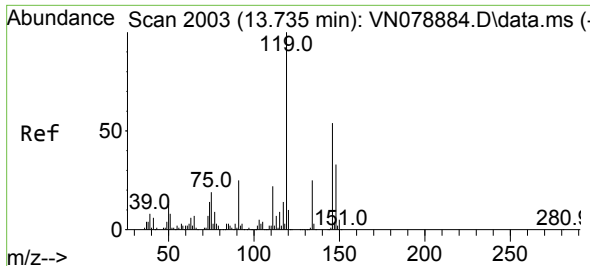
Tgt Ion:105 Resp: 1377
Ion Ratio Lower Upper
105 100
120 48.0 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.226 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

Tgt Ion:105 Resp: 1497
Ion Ratio Lower Upper
105 100
134 9.4 9.8 29.3#





#87

1,3-Dichlorobenzene

Concen: 0.485 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079263.D

Acq: 15 Sep 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

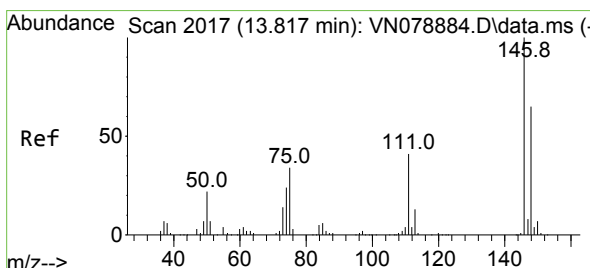
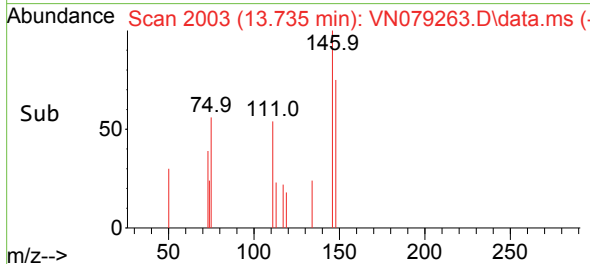
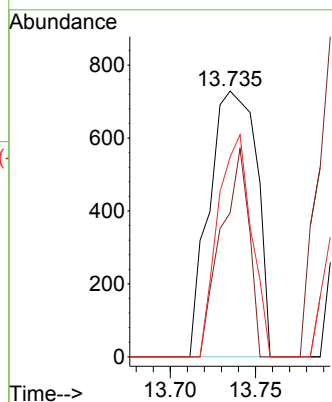
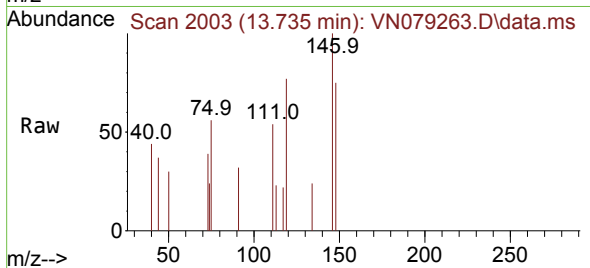
Tgt Ion:146 Resp: 1406

Ion Ratio Lower Upper

146 100

111 46.2 22.1 66.3

148 59.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.480 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.083 min

Lab File: VN079263.D

Acq: 15 Sep 2023 10:32

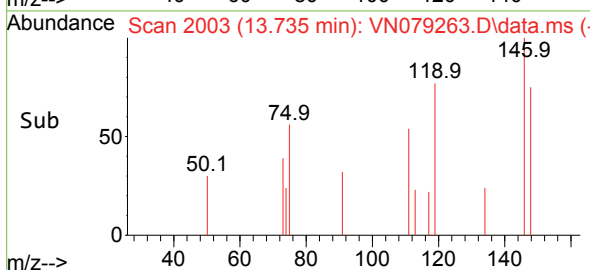
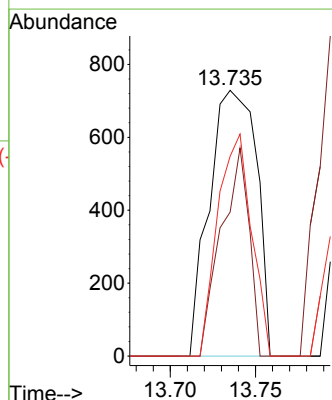
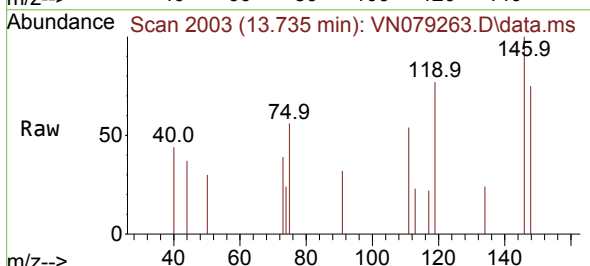
Tgt Ion:146 Resp: 1406

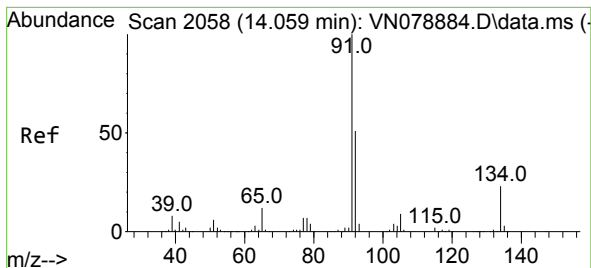
Ion Ratio Lower Upper

146 100

111 46.2 20.6 61.8

148 59.9 31.6 94.8





#89

n-Butylbenzene

Concen: 0.527 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

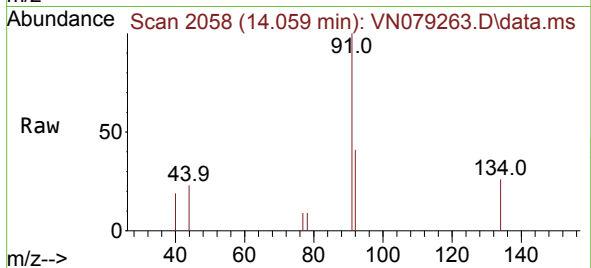
Lab File: VN079263.D

Acq: 15 Sep 2023 10:32

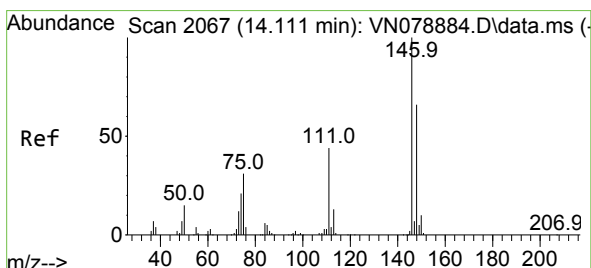
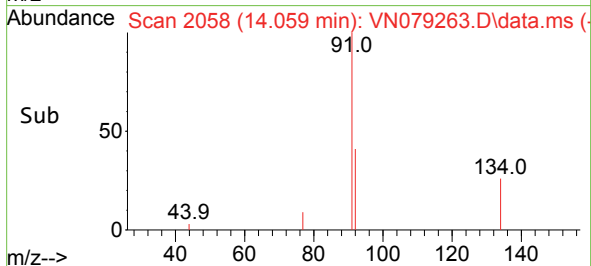
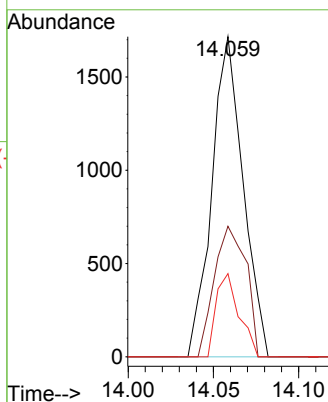
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	91	Resp:	2192
Ion	Ratio	Lower	Upper
91	100		
92	41.2	26.4	79.0
134	19.0	12.6	37.6



#91

1,2-Dichlorobenzene

Concen: 0.547 ug/l

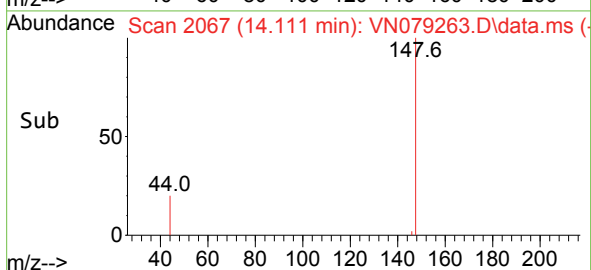
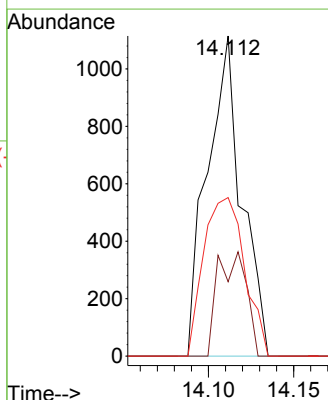
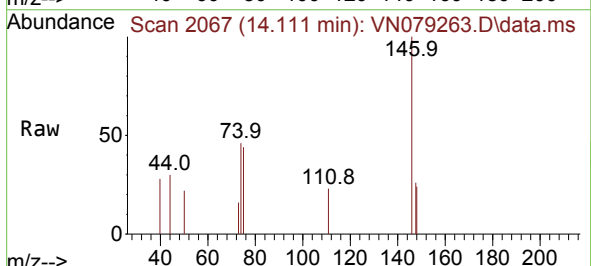
RT: 14.111 min Scan# 2067

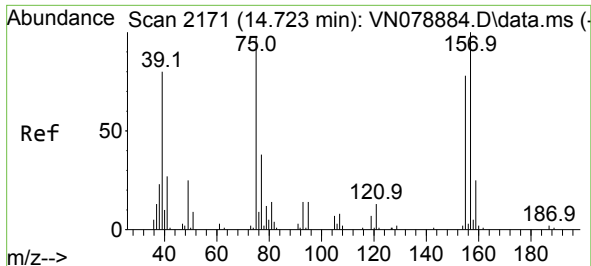
Delta R.T. -0.001 min

Lab File: VN079263.D

Acq: 15 Sep 2023 10:32

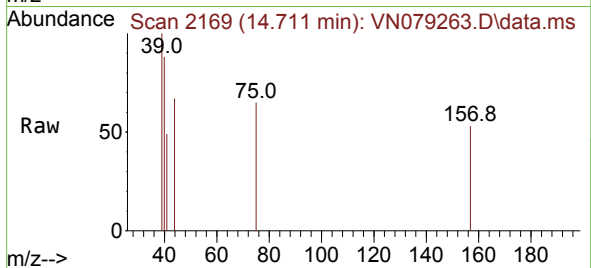
Tgt Ion:	146	Resp:	1565
Ion	Ratio	Lower	Upper
146	100		
111	27.1	22.0	66.0
148	59.0	31.8	95.3



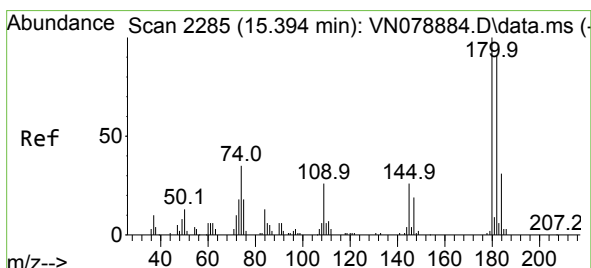
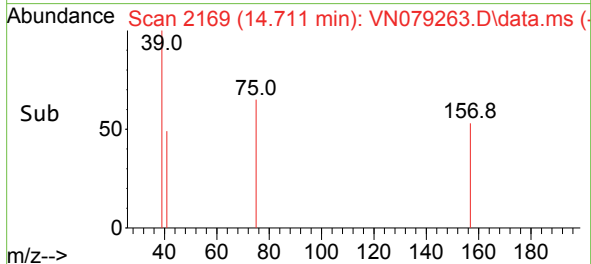
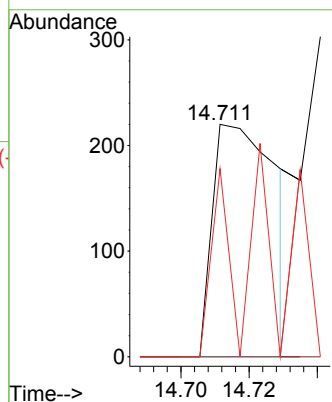


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.722 ug/l
RT: 14.711 min Scan# 2171
Delta R.T. -0.012 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :

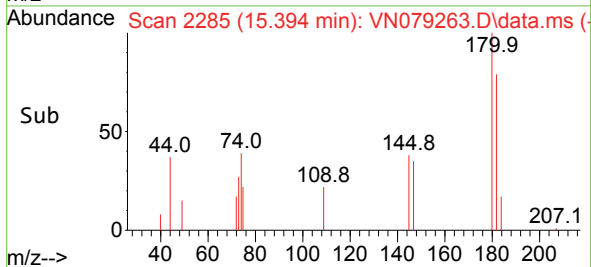
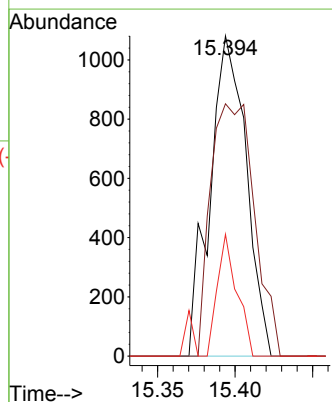
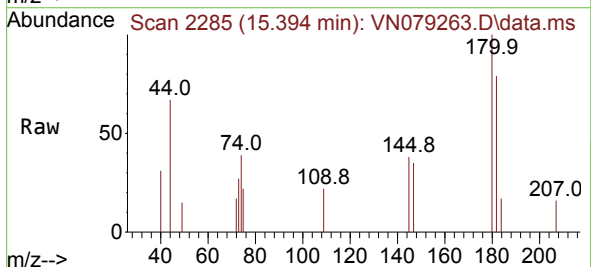


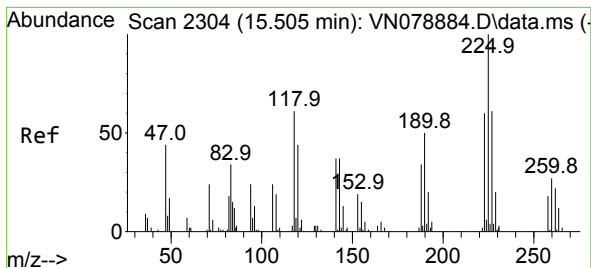
Tgt Ion: 75 Resp: 285
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 22.1 50.3 150.9#



#93
1,2,4-Trichlorobenzene
Concen: 1.712 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VN079263.D
Acq: 15 Sep 2023 10:32

Tgt Ion: 180 Resp: 1759
Ion Ratio Lower Upper
180 100
182 95.1 46.1 138.2
145 20.5 16.6 49.8





#94

Hexachlorobutadiene

Concen: 0.849 ug/l

RT: 15.511 min Scan# 21

Delta R.T. 0.005 min

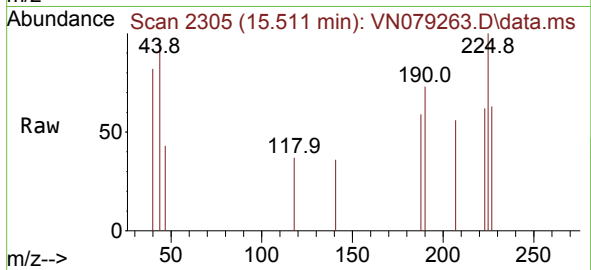
Lab File: VN079263.D

Acq: 15 Sep 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :



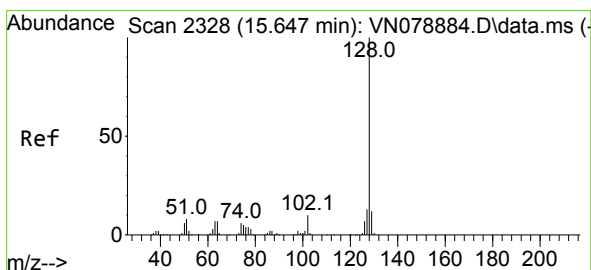
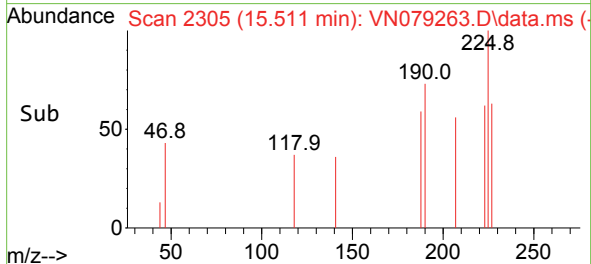
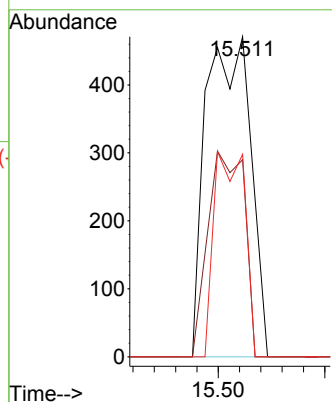
Tgt Ion:225 Resp: 686

Ion Ratio Lower Upper

225 100

223 52.3 31.3 93.8

227 44.2 31.9 95.9



#95

Naphthalene

Concen: 2.296 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079263.D

Acq: 15 Sep 2023 10:32

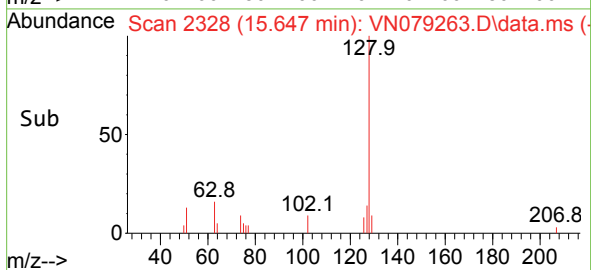
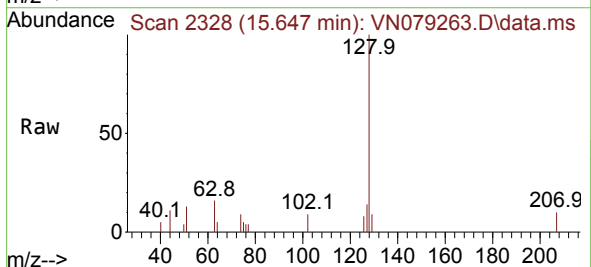
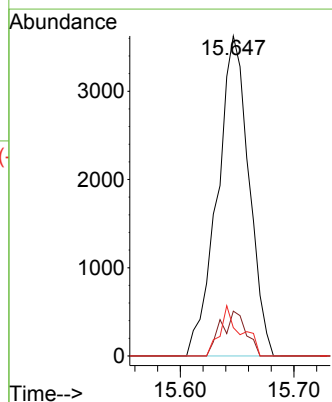
Tgt Ion:128 Resp: 7007

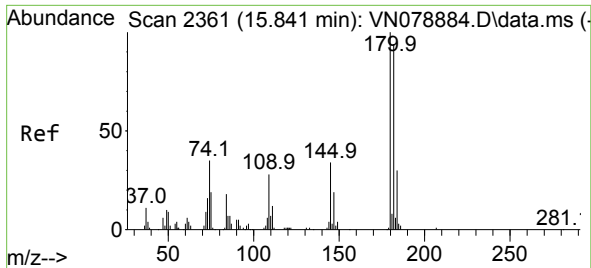
Ion Ratio Lower Upper

128 100

127 11.1 10.0 15.0

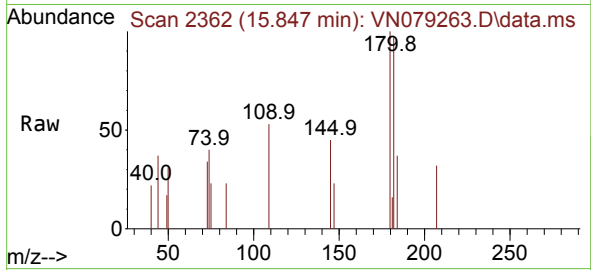
129 10.4 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.893 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079263.D
 Acq: 15 Sep 2023 10:32

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	2294
Ion	Ratio	Lower	Upper
180	100		
182	80.2	46.2	138.6
145	37.4	17.5	52.6

