

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079127.D
 Acq On : 01 Sep 2023 16:58
 Operator : JC\MD
 Sample : 04232-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 01 23:16:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	290309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	533485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	514666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	206594	45.732	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.460%
35) Dibromofluoromethane	8.171	113	179379	49.950	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.900%
50) Toluene-d8	10.571	98	650525	48.786	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.580%
62) 4-Bromofluorobenzene	12.853	95	243045	55.764	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.553	59	894	1.179	ug/l #	72
13) Acrolein	4.201	56	64	6.980	ug/l #	16
16) Acetone	4.442	43	31182	16.729	ug/l	92
17) Carbon Disulfide	4.706	76	2443	0.280	ug/l #	75
20) Methylene Chloride	5.289	84	9330	2.349	ug/l	89
25) 2-Butanone	7.500	43	30221	10.113	ug/l #	83
29) Tetrahydrofuran	7.853	42	816	0.413	ug/l #	20
31) Cyclohexane	8.259	56	21026	1.151	ug/l	94
36) 1,1-Dichloropropene	8.230	75	23337	4.320	ug/l #	49
37) Ethyl Acetate	7.571	43	6037	0.999	ug/l #	89
38) Carbon Tetrachloride	8.230	117	29767	5.499	ug/l #	16
39) Methylcyclohexane	9.606	83	10319	2.077	ug/l #	82
40) Benzene	8.612	78	3217587	201.514	ug/l	98
42) 1,2-Dichloroethane	8.683	62	1381	0.232	ug/l #	73
43) Isopropyl Acetate	8.694	43	209973	19.655	ug/l #	80
45) 1,2-Dichloropropane	9.741	63	2299	0.541	ug/l #	45
48) Methyl methacrylate	9.665	41	7133	1.473	ug/l #	21
49) 1,4-Dioxane	9.665	88	61	0.740	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	78253	12.350	ug/l	90
52) Toluene	10.635	92	1465203	149.462	ug/l	99
53) t-1,3-Dichloropropene	10.735	75	1392	0.225	ug/l #	86
54) cis-1,3-Dichloropropene	10.365	75	62516	9.296	ug/l #	64
57) 1,3-Dichloropropane	11.212	76	7002	0.996	ug/l #	42
59) 2-Hexanone	11.177	43	147301	32.098	ug/l #	19
67) Ethyl Benzene	11.971	91	177018	8.885	ug/l	98
68) m/p-Xylenes	12.071	106	328862	44.150	ug/l	94
69) o-Xylene	12.400	106	192358	26.547	ug/l	92
70) Styrene	12.412	104	56746	4.697	ug/l #	51
71) Bromoform	12.847	173	1085	0.360	ug/l #	1
73) Isopropylbenzene	12.700	105	10300	0.580	ug/l	94
74) N-amyl acetate	12.465	43	2260	0.252	ug/l #	44
76) 1,2,3-Trichloropropane	12.853	75	125930	24.559	ug/l #	1
78) n-propylbenzene	13.041	91	15314	0.744	ug/l	92
79) 2-Chlorotoluene	13.341	91	4489	0.352	ug/l	73
80) 1,3,5-Trimethylbenzene	13.176	105	48633	3.459	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.853	75	125930	62.738	ug/l #	15

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

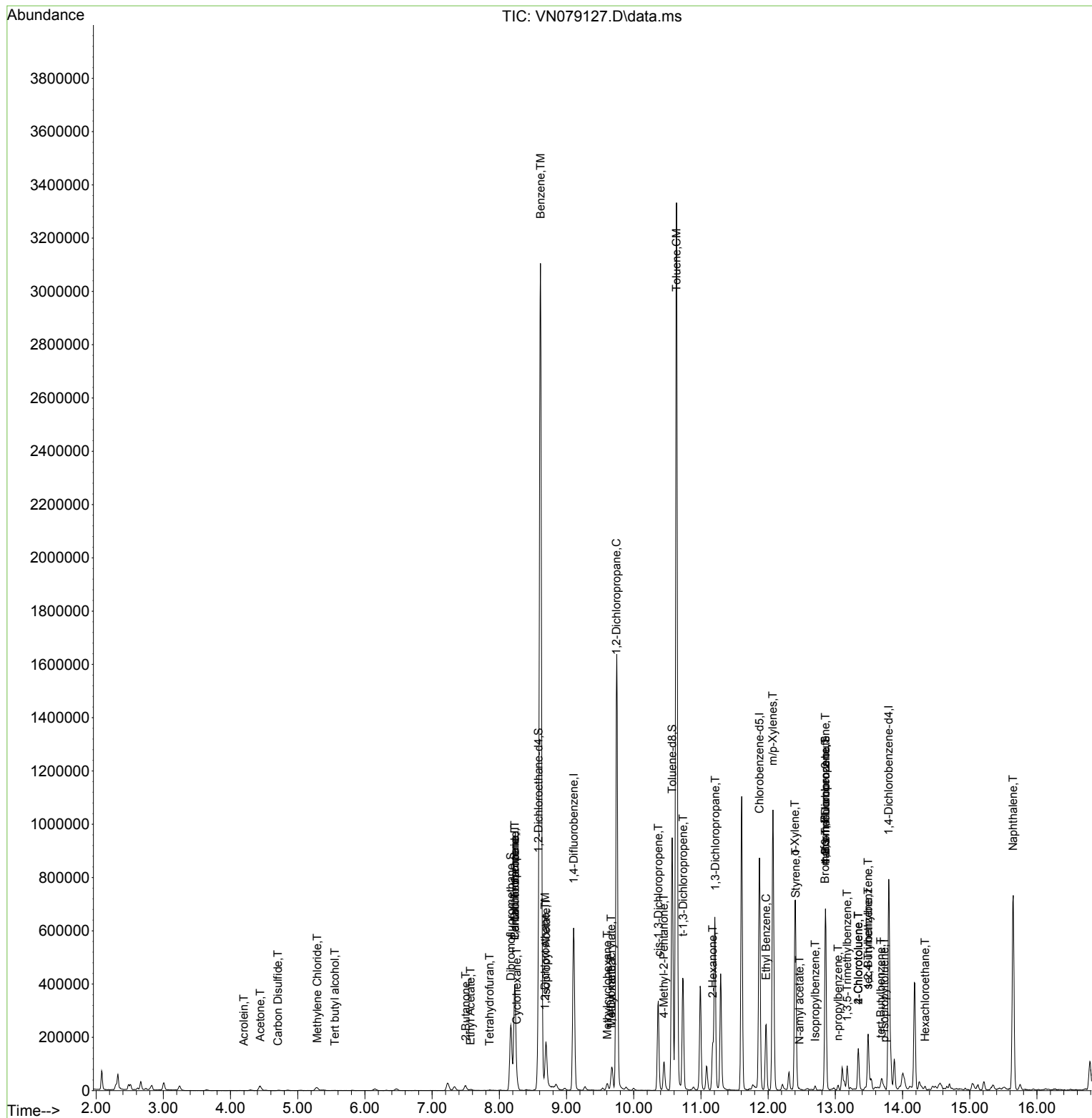
82) 4-Chlorotoluene	13.341	91	4489	0.359	ug/l	71
83) tert-Butylbenzene	13.676	119	4098	0.347	ug/l	87
84) 1,2,4-Trimethylbenzene	13.488	105	125569	9.018	ug/l	93
85) sec-Butylbenzene	13.488	105	125569	7.723	ug/l #	57
86) p-Isopropyltoluene	13.729	119	3216	0.248	ug/l	89
90) Hexachloroethane	14.335	117	746	0.286	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.688	75	124	Below Cal	#	4
95) Naphthalene	15.647	128	676959	68.051	ug/l	99

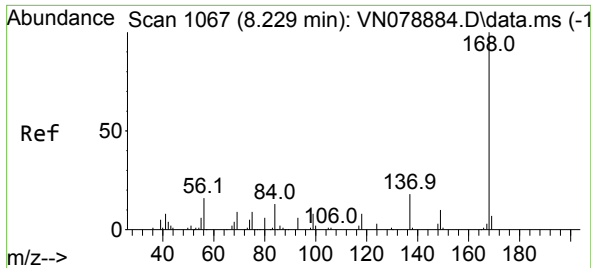
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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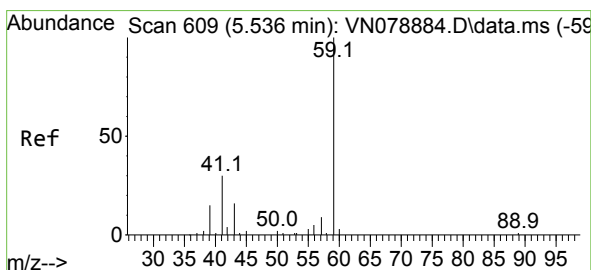
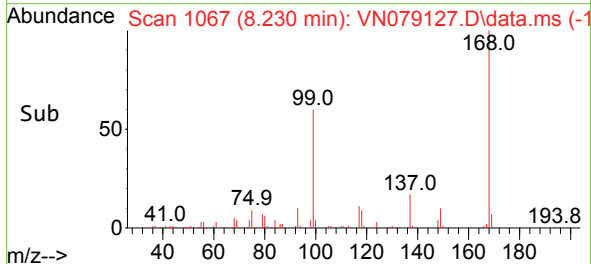
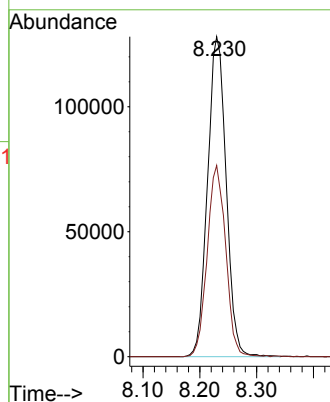
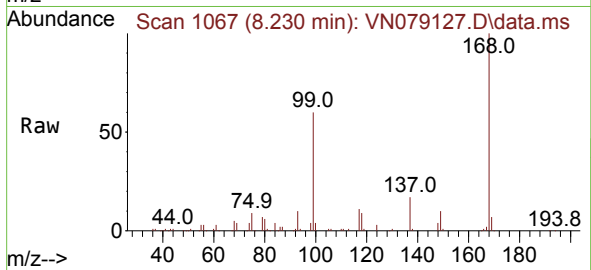




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

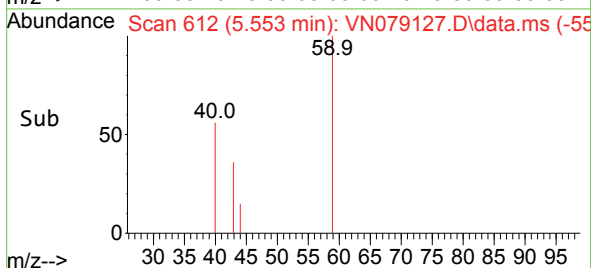
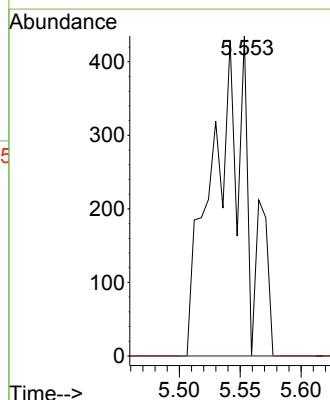
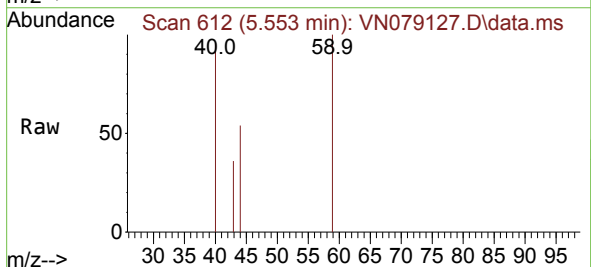
Instrument :
MSVOA_N
ClientSampleId :

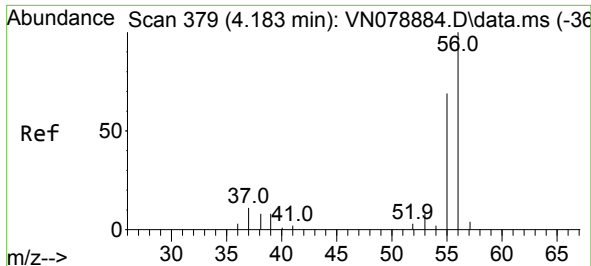
Tgt Ion:168 Resp: 290309
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#11
Tert butyl alcohol
Concen: 1.179 ug/l
RT: 5.553 min Scan# 612
Delta R.T. 0.011 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

Tgt Ion: 59 Resp: 894
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 6.980 ug/l

RT: 4.201 min Scan# 382

Delta R.T. 0.006 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

Instrument :

MSVOA_N

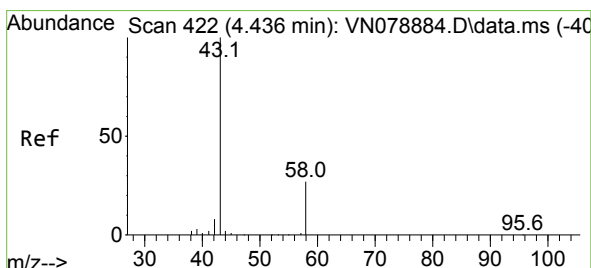
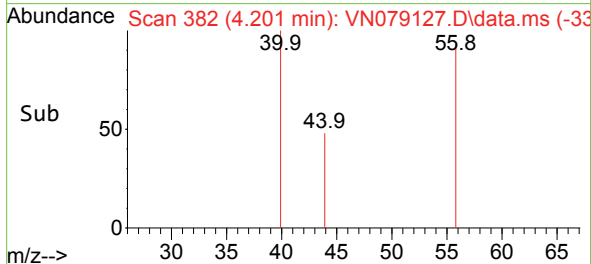
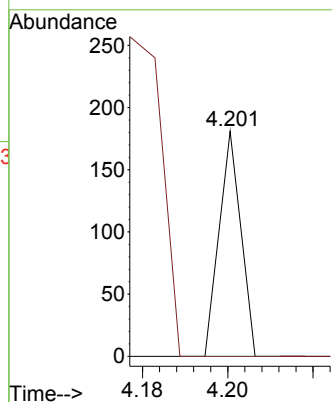
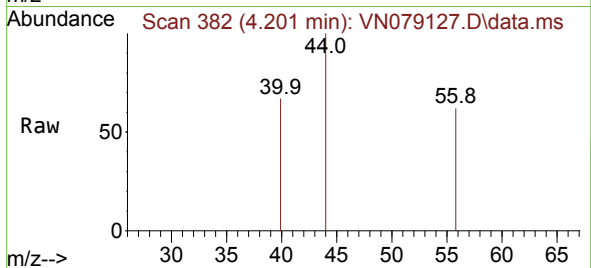
ClientSampleId :

Tgt Ion: 56 Resp: 64

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#16

Acetone

Concen: 16.729 ug/l

RT: 4.442 min Scan# 423

Delta R.T. -0.000 min

Lab File: VN079127.D

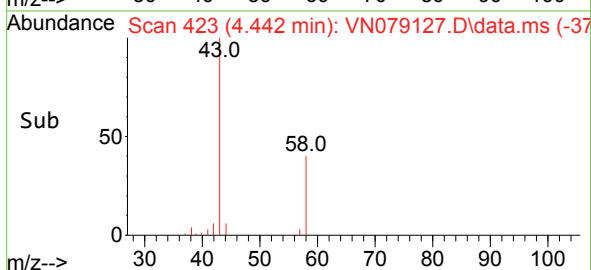
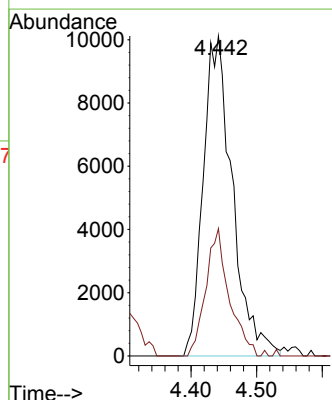
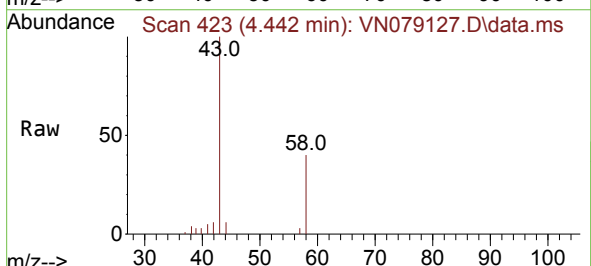
Acq: 01 Sep 2023 16:58

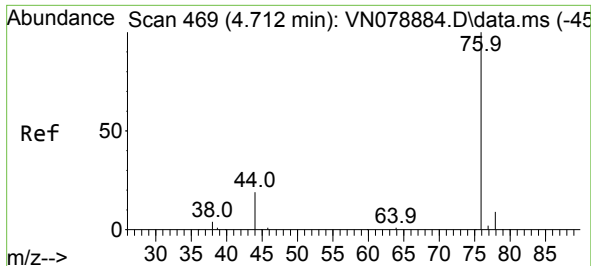
Tgt Ion: 43 Resp: 31182

Ion Ratio Lower Upper

43 100

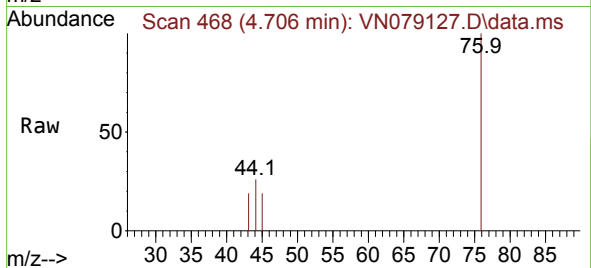
58 39.8 28.0 42.0



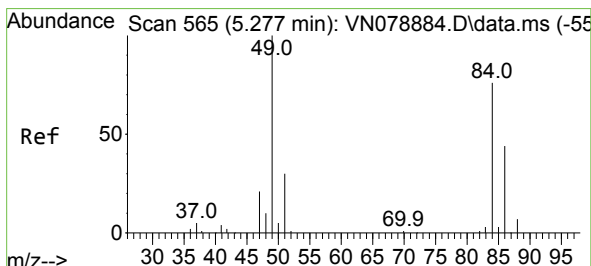
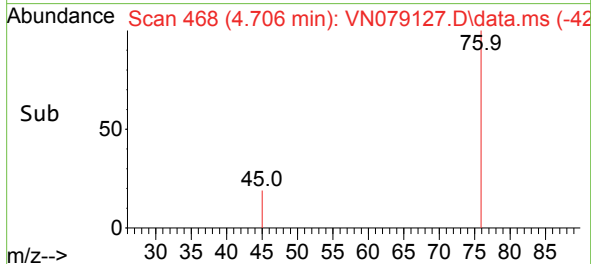
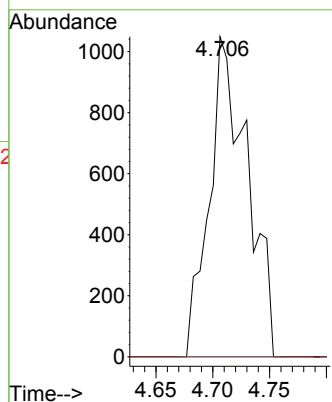


#17
Carbon Disulfide
Concen: 0.280 ug/l
RT: 4.706 min Scan# 4
Delta R.T. -0.018 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

Instrument :
MSVOA_N
ClientSampleId :

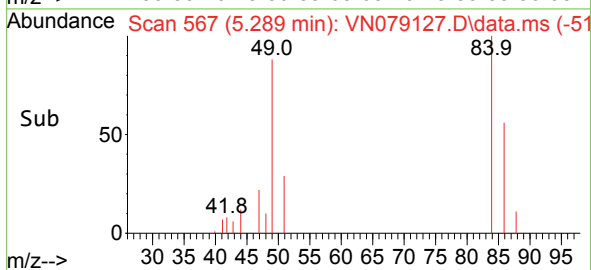
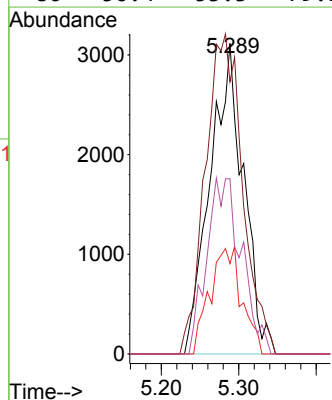
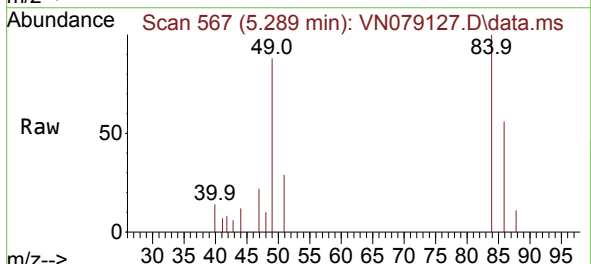


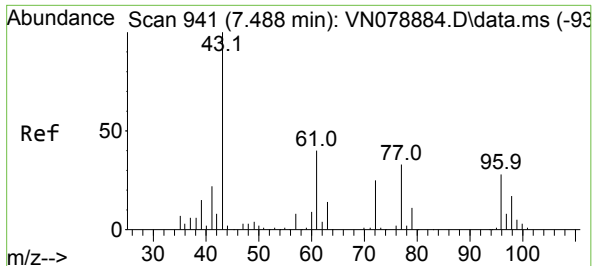
Tgt Ion: 76 Resp: 2443
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#20
Methylene Chloride
Concen: 2.349 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

Tgt Ion: 84 Resp: 9330
Ion Ratio Lower Upper
84 100
49 87.6 79.7 119.5
51 29.1 25.2 37.8
86 56.4 53.3 79.9





#25

2-Butanone

Concen: 10.113 ug/l

RT: 7.500 min Scan# 941

Delta R.T. 0.006 min

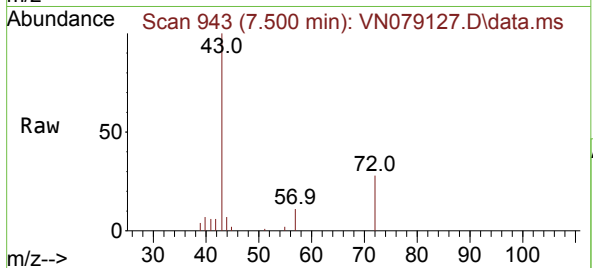
Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

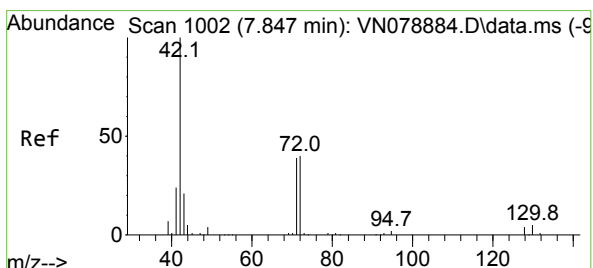
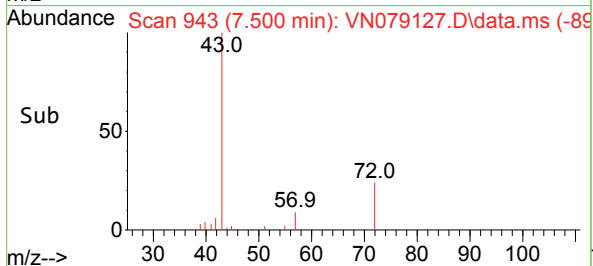
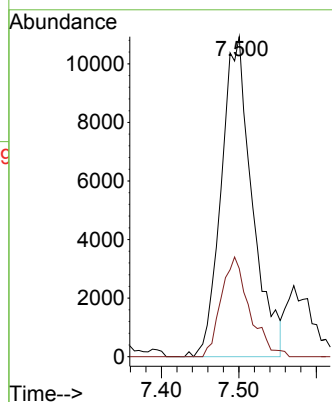


Tgt Ion: 43 Resp: 30221

Ion Ratio Lower Upper

43 100

72 27.6 30.2 45.2#



#29

Tetrahydrofuran

Concen: 0.413 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

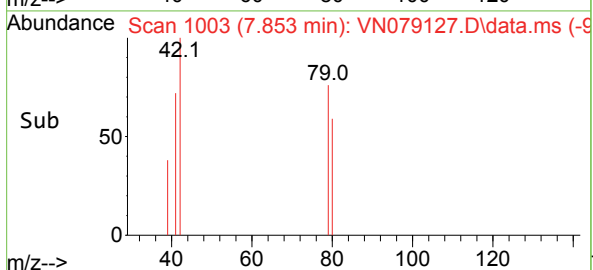
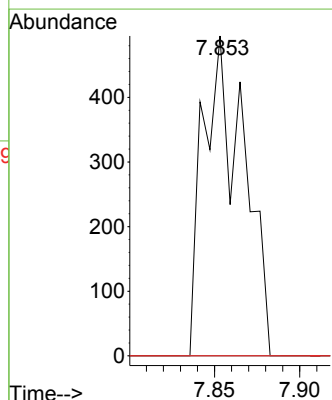
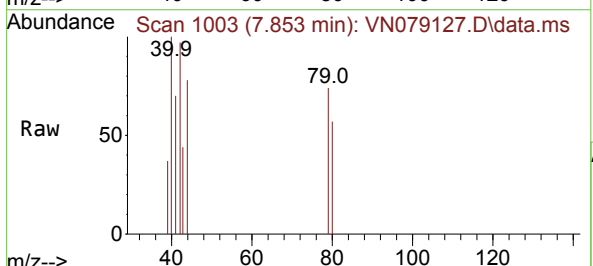
Tgt Ion: 42 Resp: 816

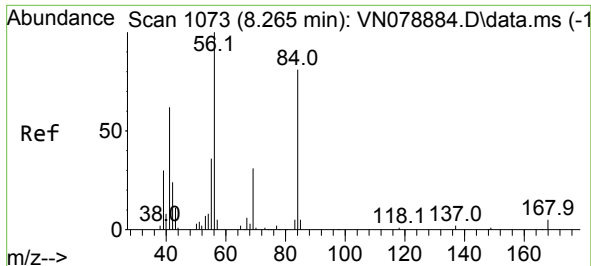
Ion Ratio Lower Upper

42 100

72 0.0 49.8 74.6#

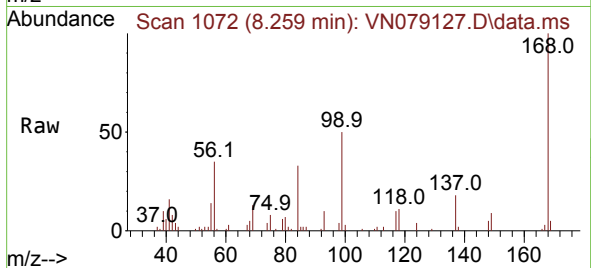
71 0.0 47.4 71.2#



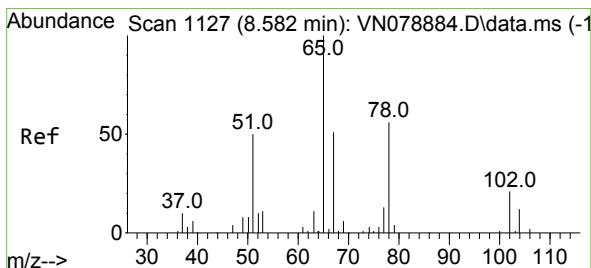
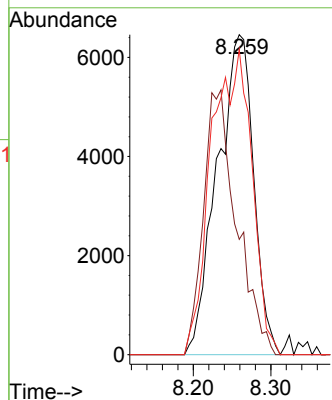
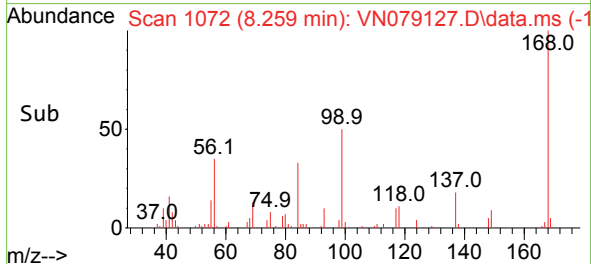


#31
Cyclohexane
Concen: 1.151 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

Instrument :
MSVOA_N
ClientSampleId :

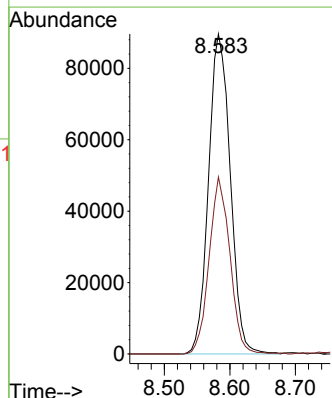
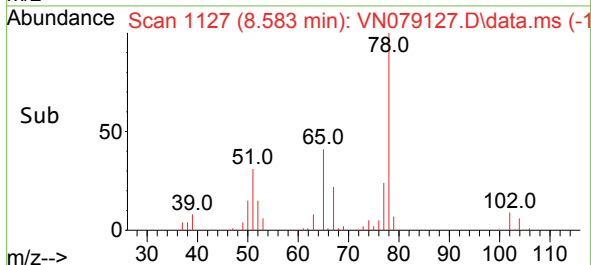
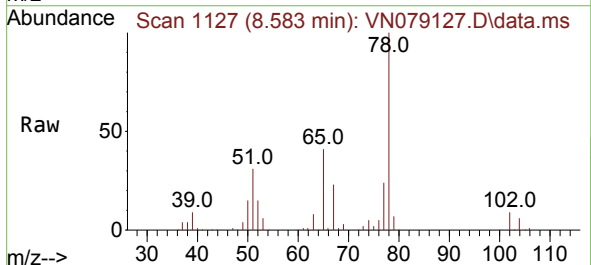


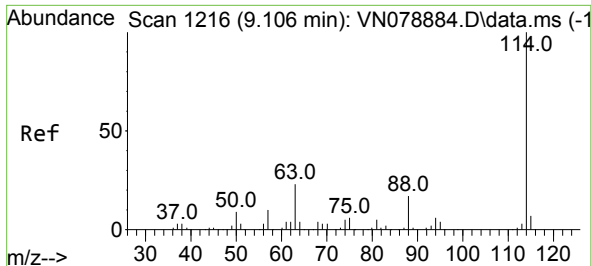
Tgt Ion: 56 Resp: 21026
Ion Ratio Lower Upper
56 100
69 36.0 26.8 40.2
84 95.4 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 45.732 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

Tgt Ion: 65 Resp: 206594
Ion Ratio Lower Upper
65 100
67 52.8 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: VN079127.D

Acq: 01 Sep 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

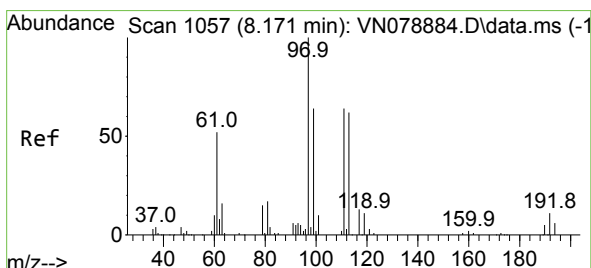
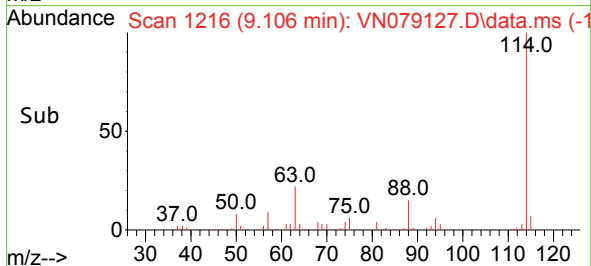
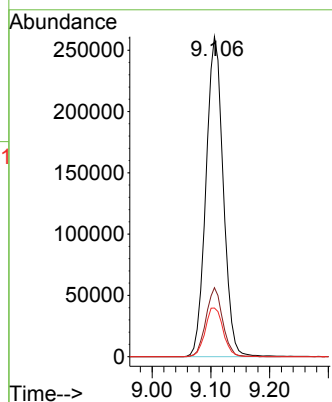
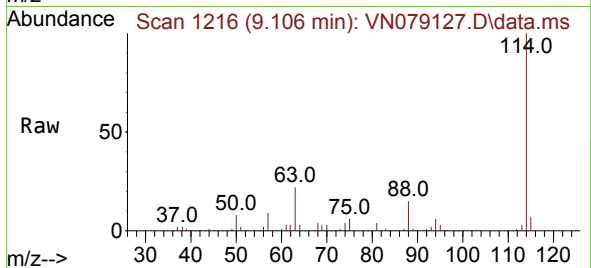
Tgt Ion:114 Resp: 533485

Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.950 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

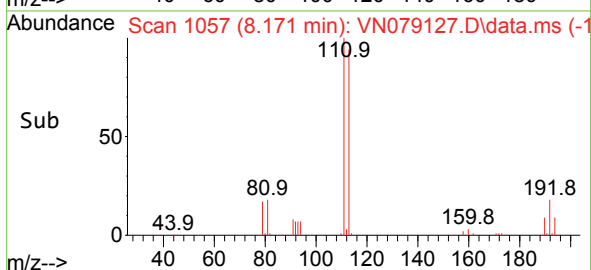
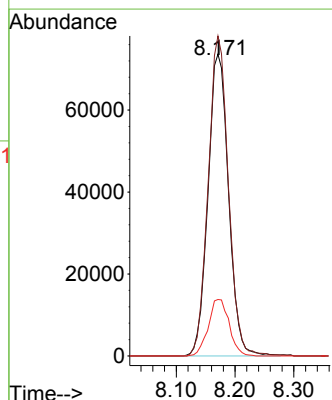
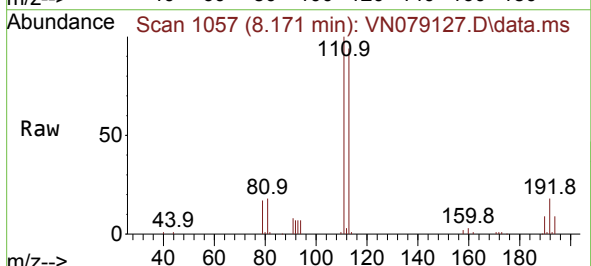
Tgt Ion:113 Resp: 179379

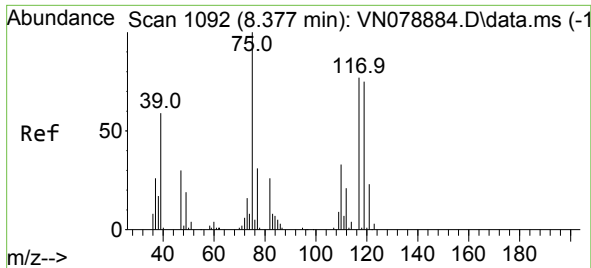
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

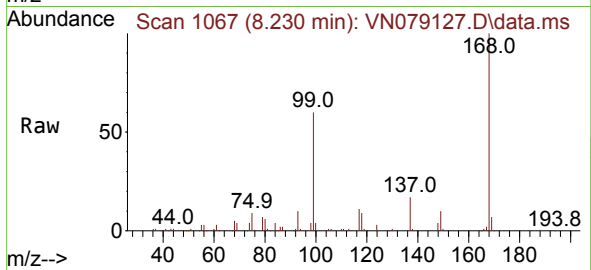
192 18.9 12.7 19.1



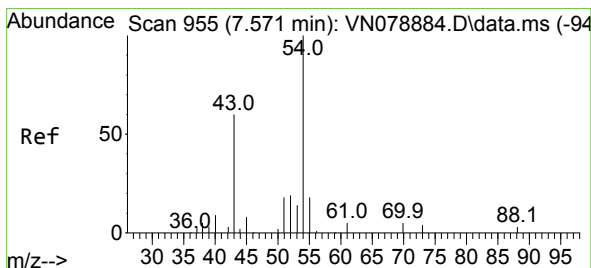
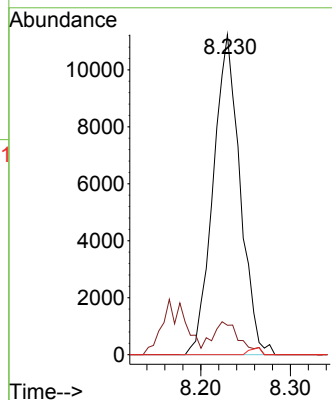
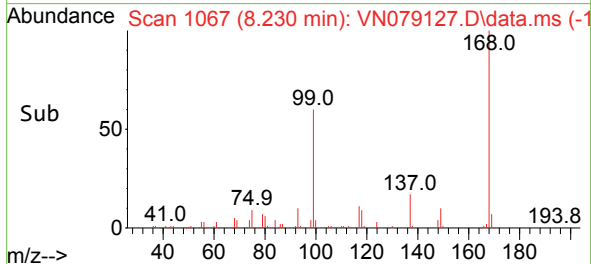


#36
 1,1-Dichloropropene
 Concen: 4.320 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.147 min
 Lab File: VN079127.D
 Acq: 01 Sep 2023 16:58

Instrument :
 MSVOA_N
 ClientSampleId :

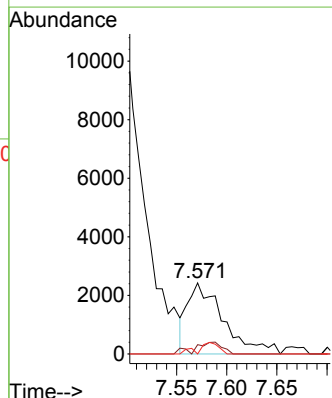
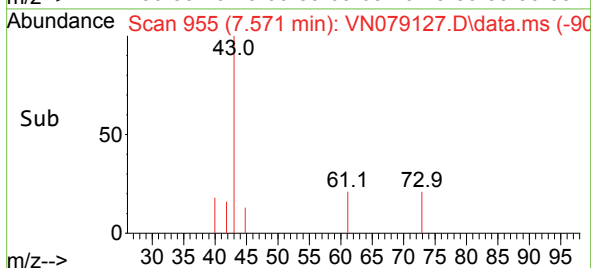
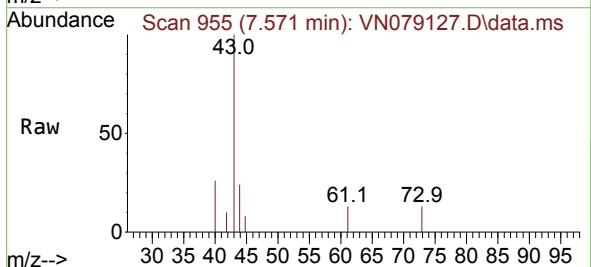


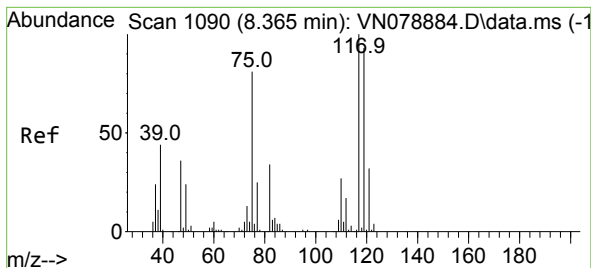
Tgt Ion: 75 Resp: 23337
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.1 57.3#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 0.999 ug/l
 RT: 7.571 min Scan# 955
 Delta R.T. -0.000 min
 Lab File: VN079127.D
 Acq: 01 Sep 2023 16:58

Tgt Ion: 43 Resp: 6037
 Ion Ratio Lower Upper
 43 100
 61 12.6 13.2 19.8#
 70 9.1 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.499 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

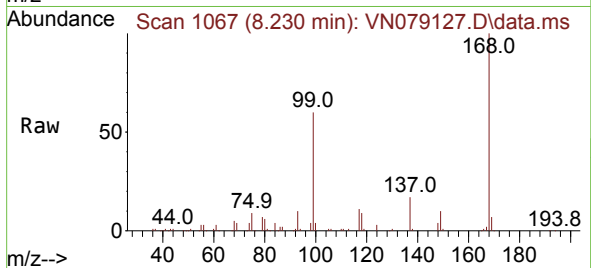
Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :



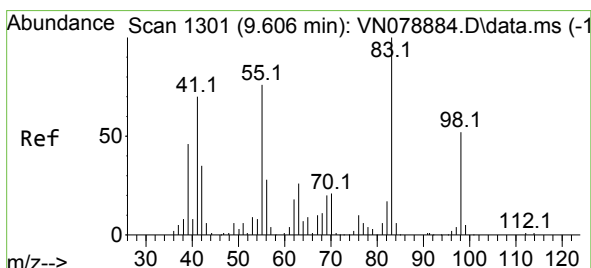
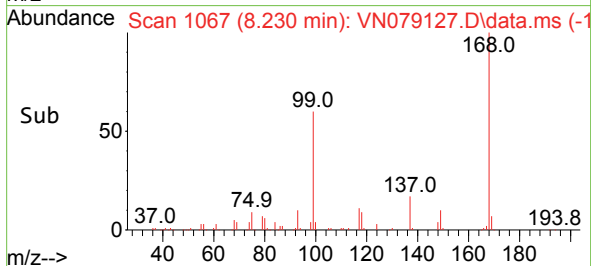
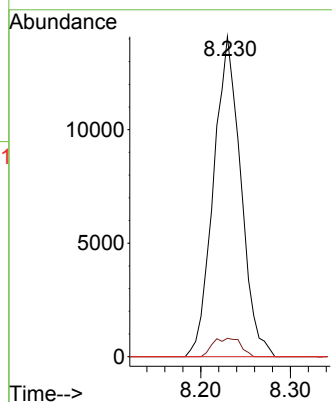
Tgt Ion:117 Resp: 29767

Ion Ratio Lower Upper

117 100

119 5.7 77.3 115.9#

121 0.0 23.3 34.9#



#39

Methylcyclohexane

Concen: 2.077 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

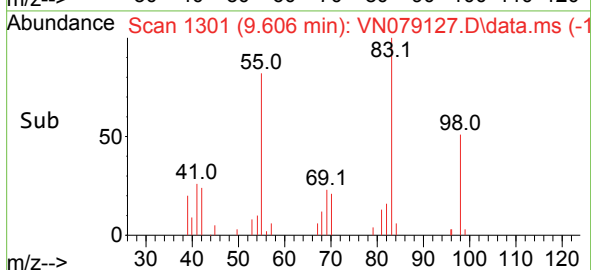
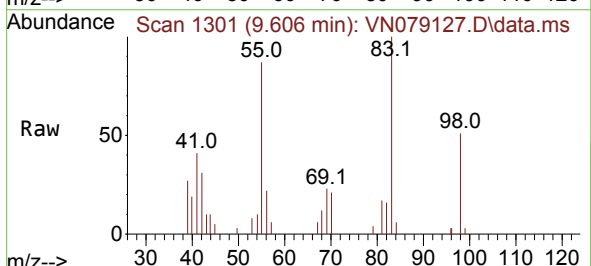
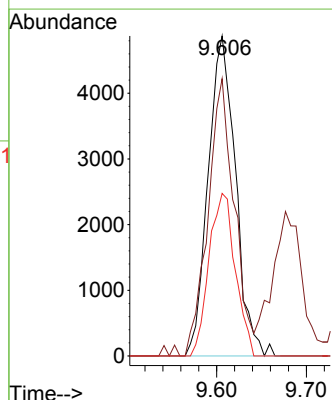
Tgt Ion: 83 Resp: 10319

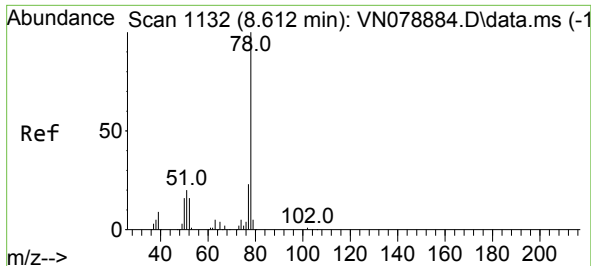
Ion Ratio Lower Upper

83 100

55 86.7 49.1 73.7#

98 50.8 40.6 61.0

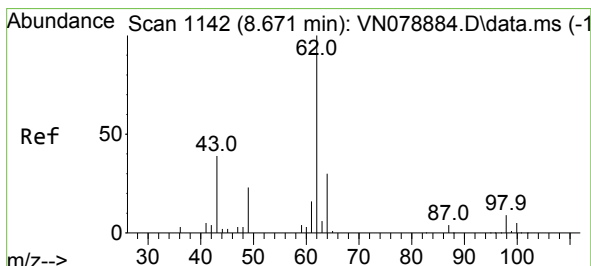
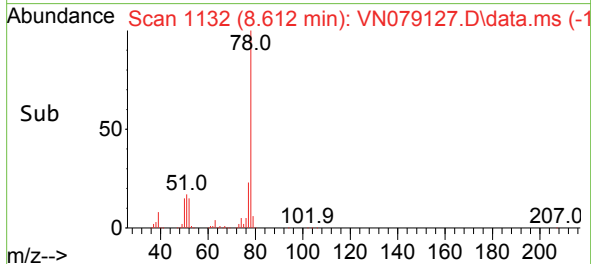
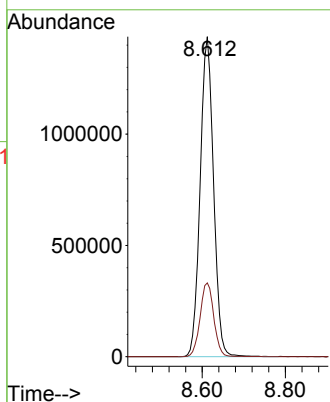
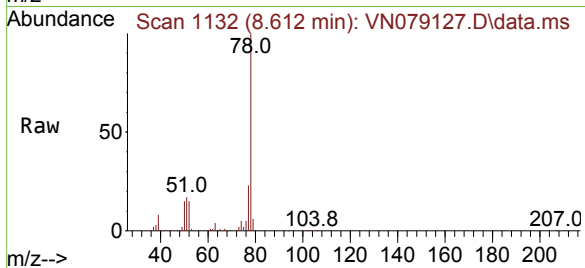




#40
Benzene
Concen: 201.514 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

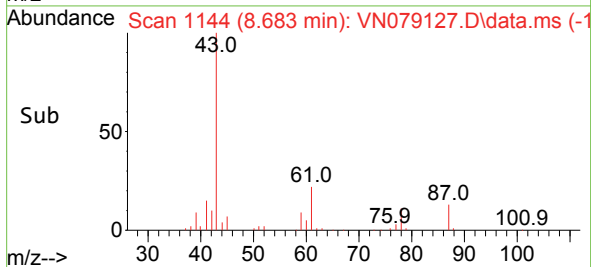
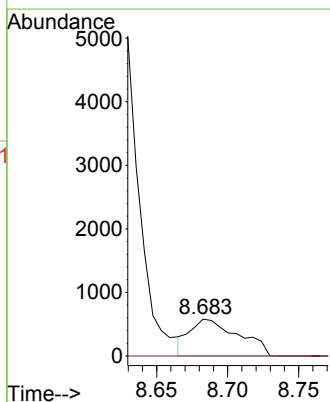
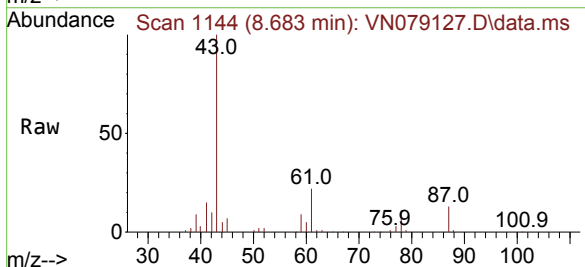
Instrument :
MSVOA_N
ClientSampleId :

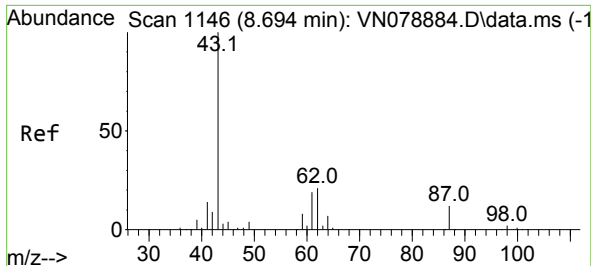
Tgt Ion: 78 Resp: 3217587
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6



#42
1,2-Dichloroethane
Concen: 0.232 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

Tgt Ion: 62 Resp: 1381
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8

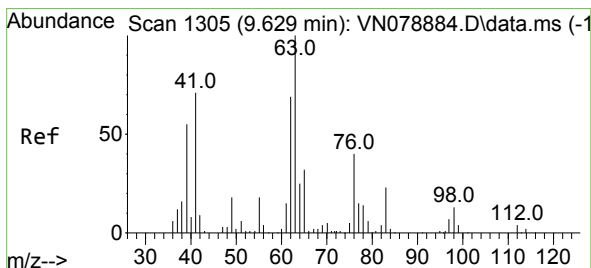
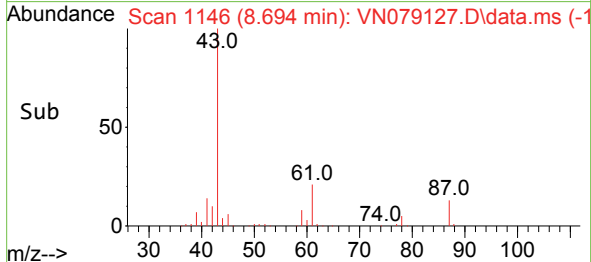
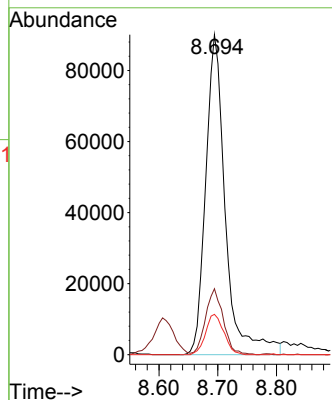
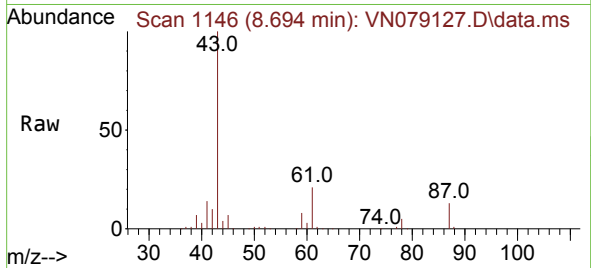




#43
Isopropyl Acetate
Concen: 19.655 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

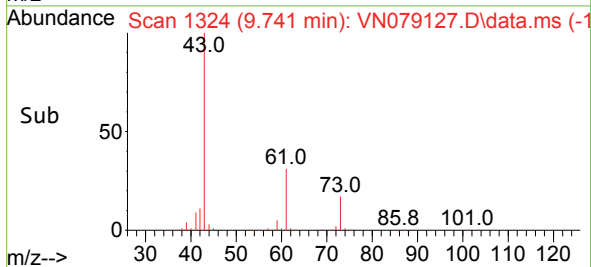
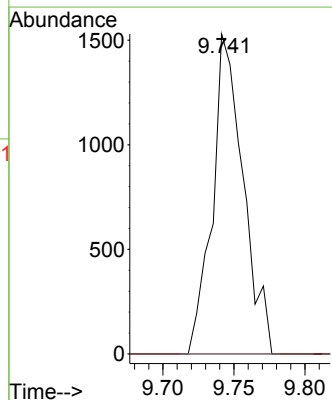
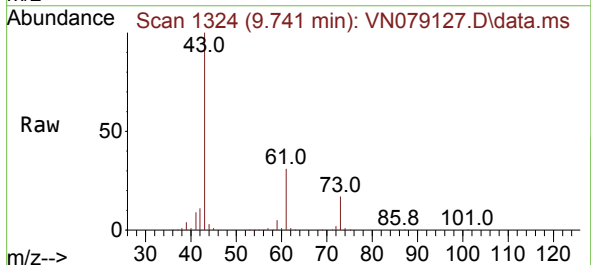
Instrument :
MSVOA_N
ClientSampleId :

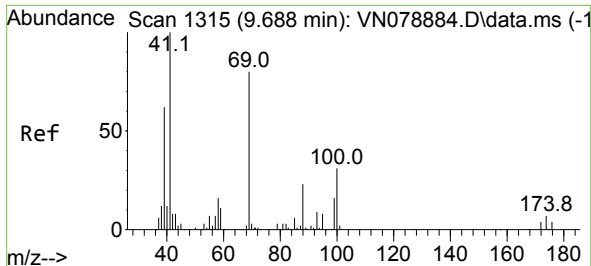
Tgt Ion: 43 Resp: 209973
Ion Ratio Lower Upper
43 100
61 18.5 24.7 37.1#
87 11.7 14.6 21.8#



#45
1,2-Dichloropropane
Concen: 0.541 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.117 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

Tgt Ion: 63 Resp: 2299
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#





#48

Methyl methacrylate

Concen: 1.473 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.023 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

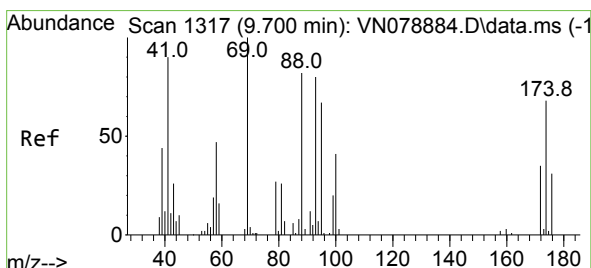
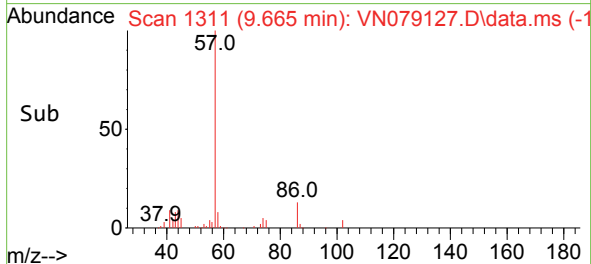
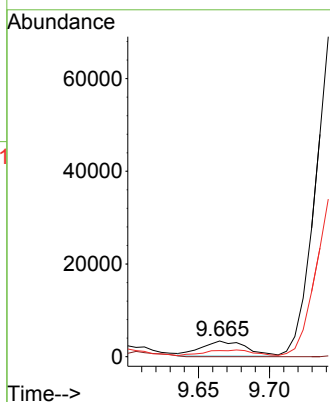
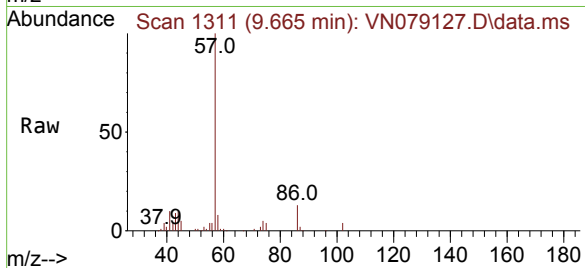
Tgt Ion: 41 Resp: 7133

Ion Ratio Lower Upper

41 100

69 0.0 90.4 135.6#

39 40.2 54.6 81.8#



#49

1,4-Dioxane

Concen: 0.740 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.035 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

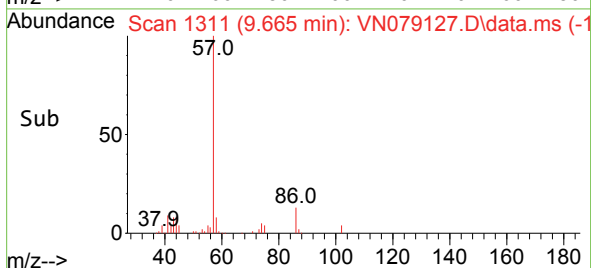
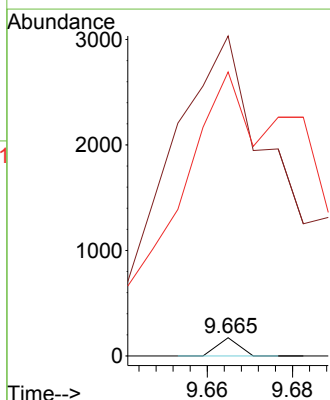
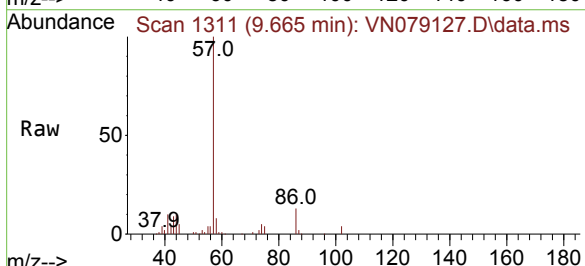
Tgt Ion: 88 Resp: 61

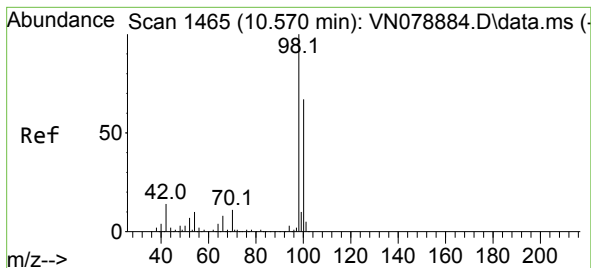
Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 10514.8 47.0 70.4#





#50

Toluene-d8

Concen: 48.786 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

Instrument :

MSVOA_N

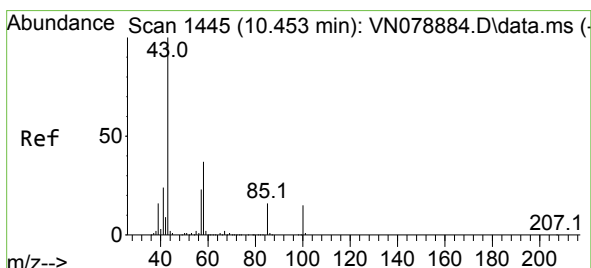
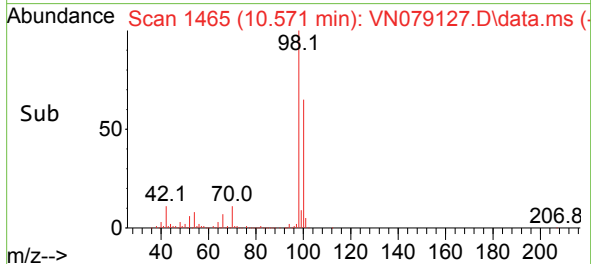
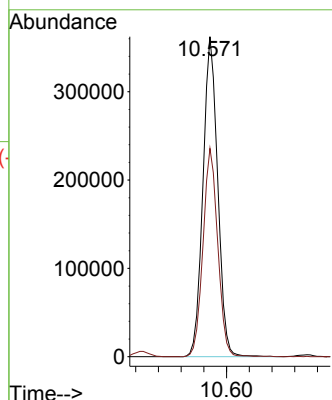
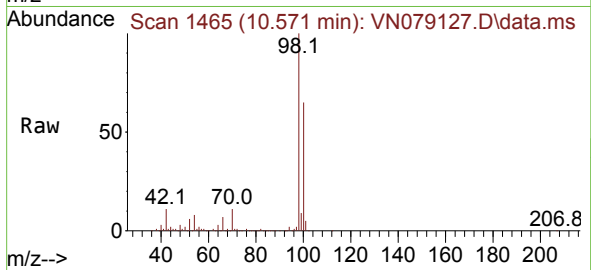
ClientSampleId :

Tgt Ion: 98 Resp: 650525

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 12.350 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN079127.D

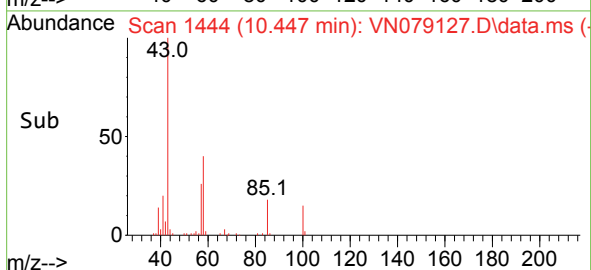
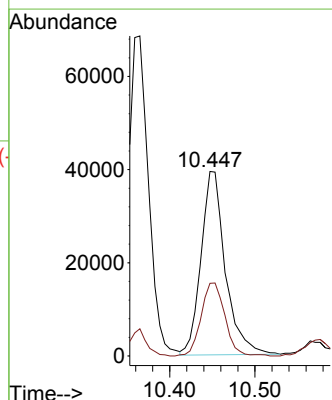
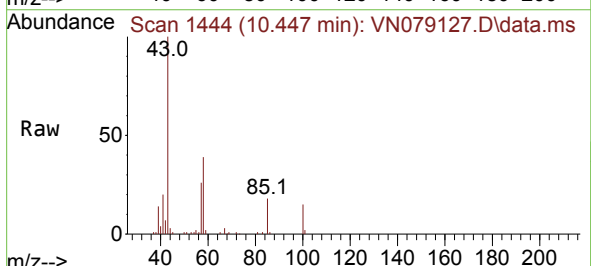
Acq: 01 Sep 2023 16:58

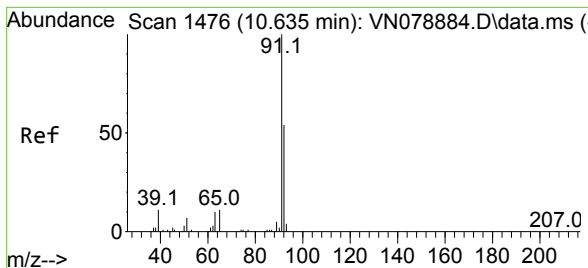
Tgt Ion: 43 Resp: 78253

Ion Ratio Lower Upper

43 100

58 38.8 36.6 54.8





#52

Toluene

Concen: 149.462 ug/l

RT: 10.635 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

Instrument :

MSVOA_N

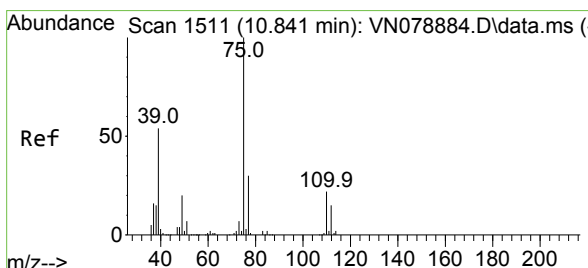
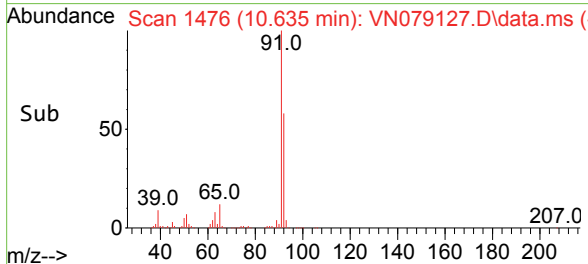
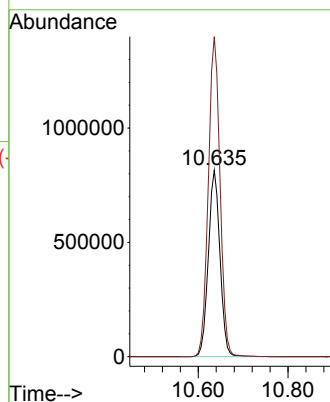
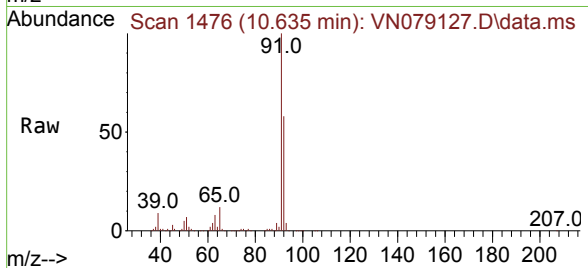
ClientSampleId :

Tgt Ion: 92 Resp: 1465203

Ion Ratio Lower Upper

92 100

91 173.1 137.4 206.0



#53

t-1,3-Dichloropropene

Concen: 0.225 ug/l

RT: 10.735 min Scan# 1493

Delta R.T. -0.106 min

Lab File: VN079127.D

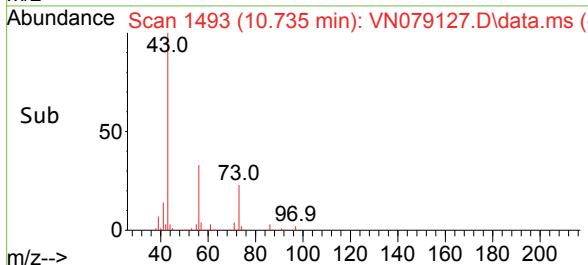
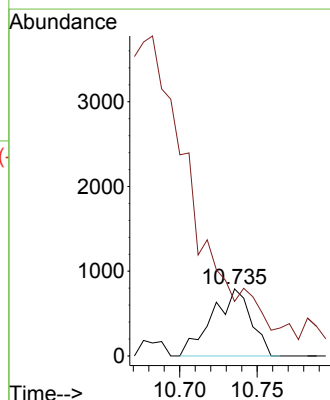
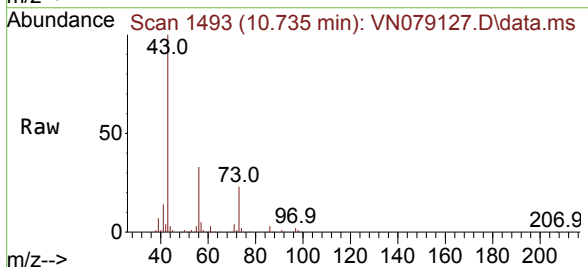
Acq: 01 Sep 2023 16:58

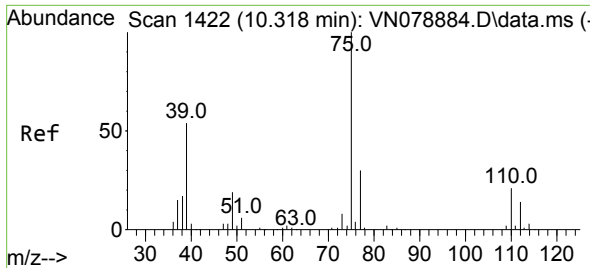
Tgt Ion: 75 Resp: 1392

Ion Ratio Lower Upper

75 100

77 39.7 25.4 38.0#

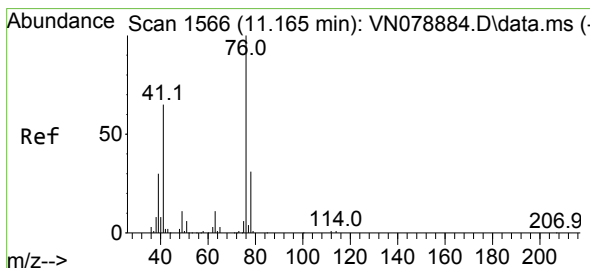
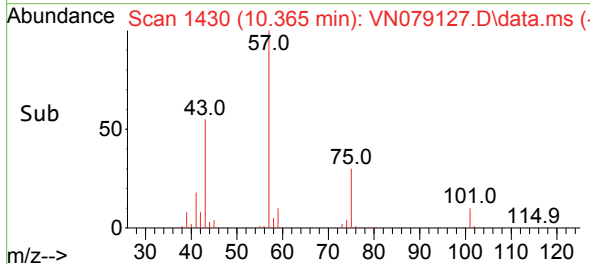
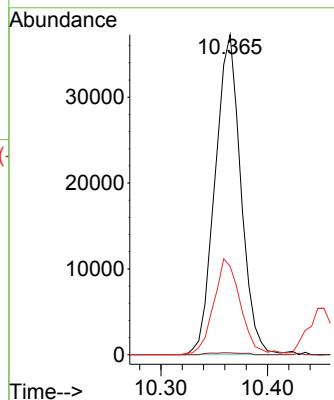
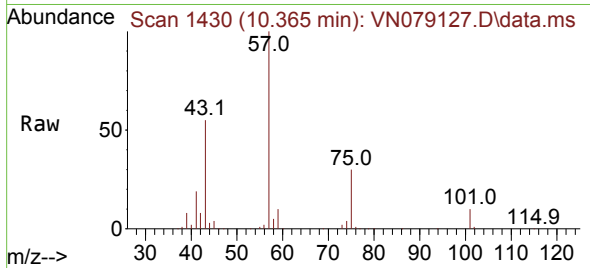




#54
 cis-1,3-Dichloropropene
 Concen: 9.296 ug/l
 RT: 10.365 min Scan# 14
 Delta R.T. 0.047 min
 Lab File: VN079127.D
 Acq: 01 Sep 2023 16:58

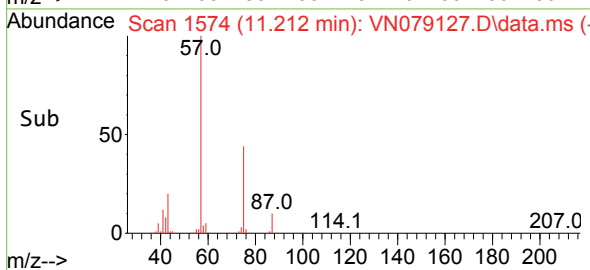
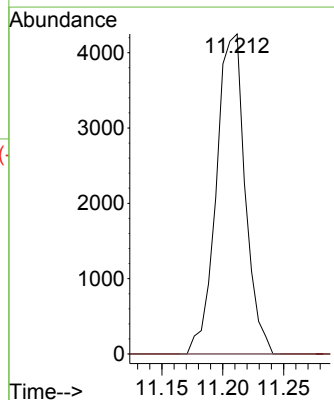
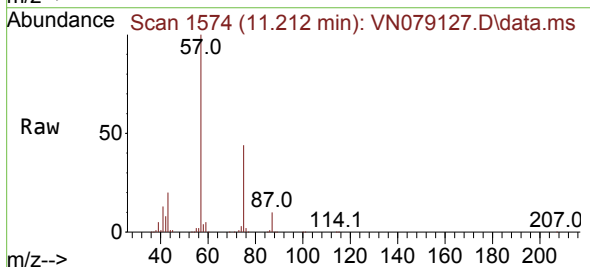
Instrument :
 MSVOA_N
 ClientSampleId :

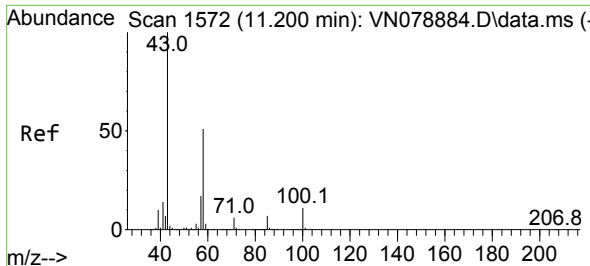
Tgt Ion: 75 Resp: 62516
 Ion Ratio Lower Upper
 75 100
 77 0.6 26.1 39.1#
 39 27.6 31.6 47.4#



#57
 1,3-Dichloropropane
 Concen: 0.996 ug/l
 RT: 11.212 min Scan# 1574
 Delta R.T. 0.047 min
 Lab File: VN079127.D
 Acq: 01 Sep 2023 16:58

Tgt Ion: 76 Resp: 7002
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

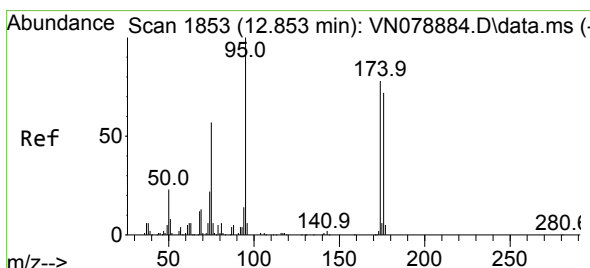
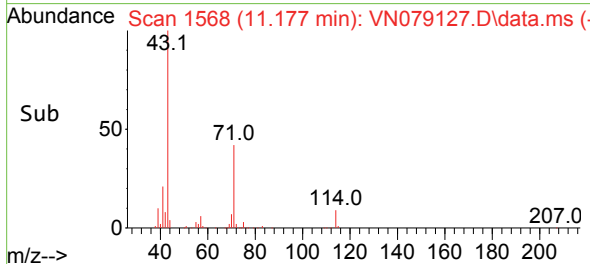
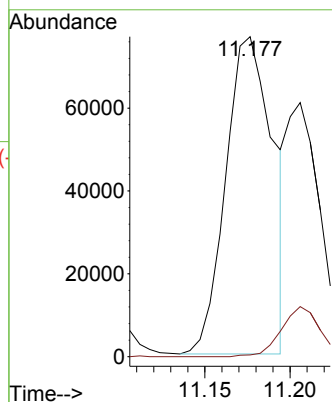
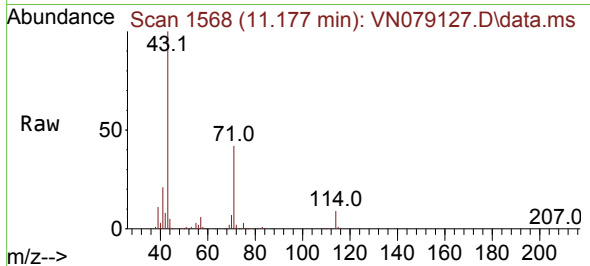




#59
2-Hexanone
Concen: 32.098 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.023 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

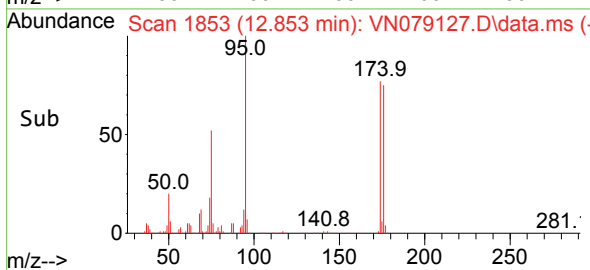
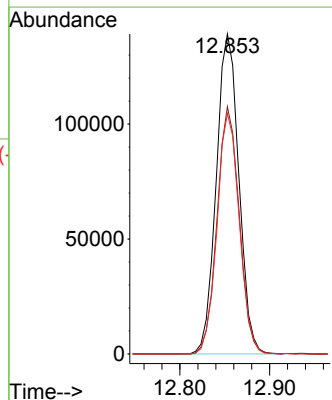
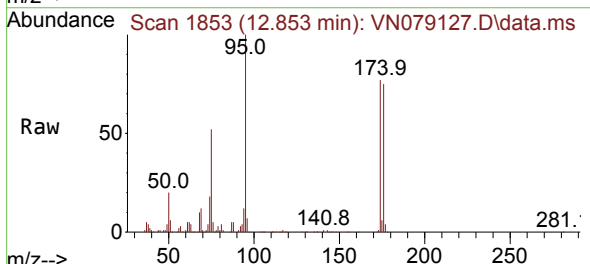
Instrument :
MSVOA_N
ClientSampleId :

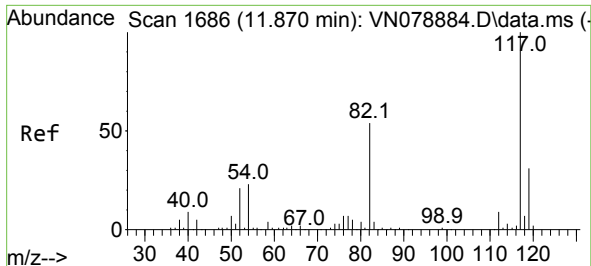
Tgt Ion: 43 Resp: 147301
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 55.764 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

Tgt Ion: 95 Resp: 243045
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 73.8 0.0 135.8

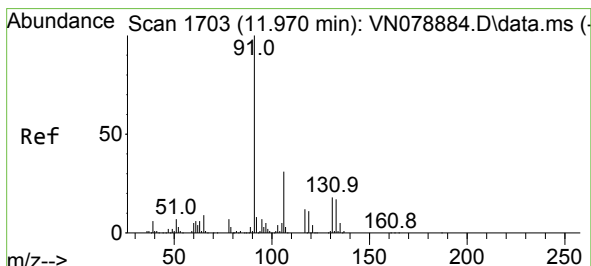
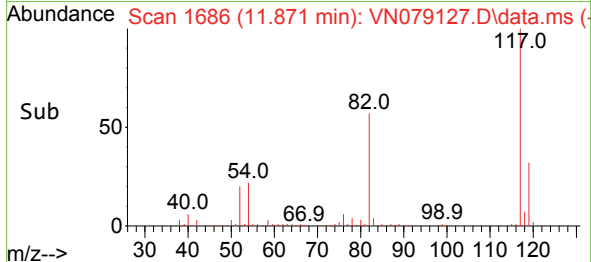
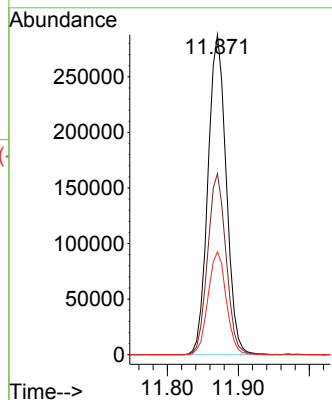
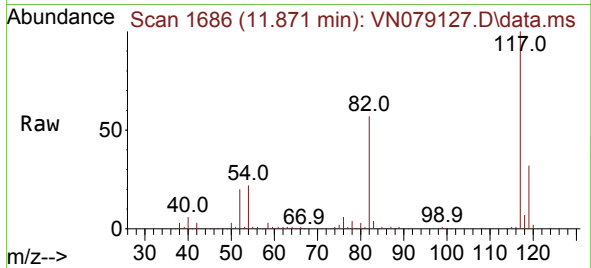




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

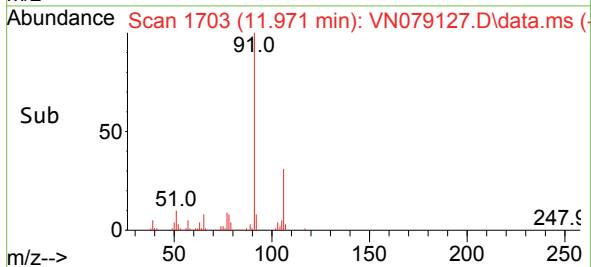
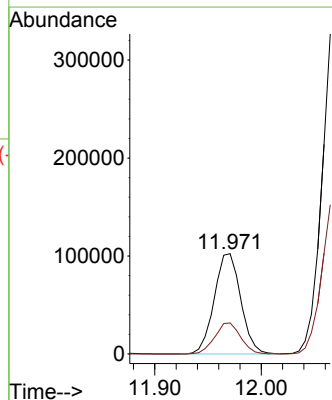
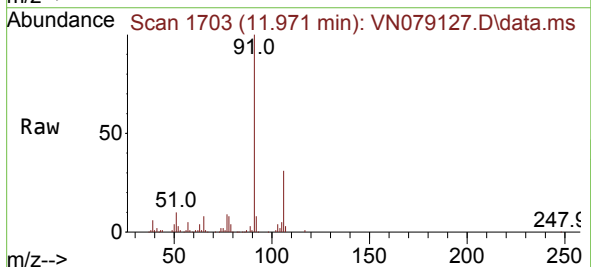
Instrument :
MSVOA_N
ClientSampleId :

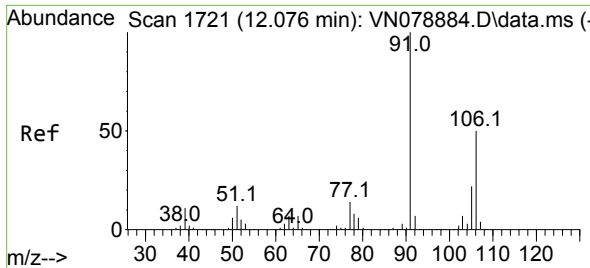
Tgt Ion:117 Resp: 514666
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 32.1 25.6 38.4



#67
Ethyl Benzene
Concen: 8.885 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

Tgt Ion: 91 Resp: 177018
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

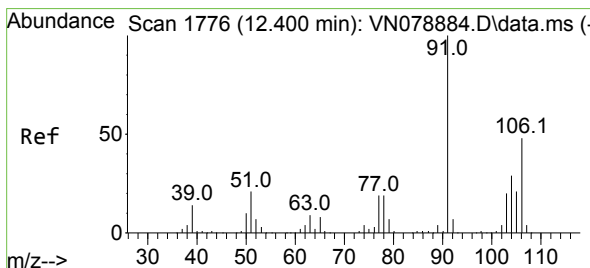
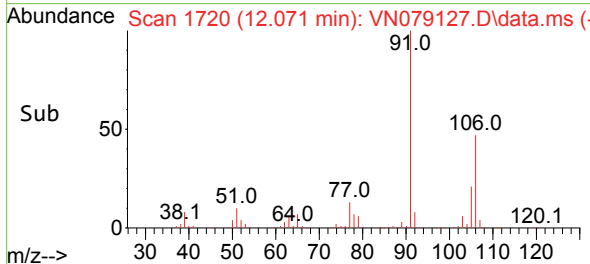
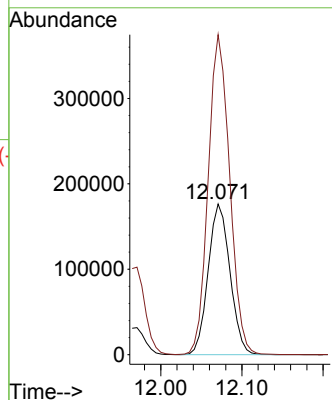
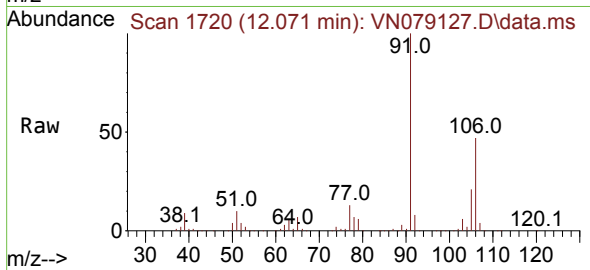




#68
m/p-Xylenes
Concen: 44.150 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

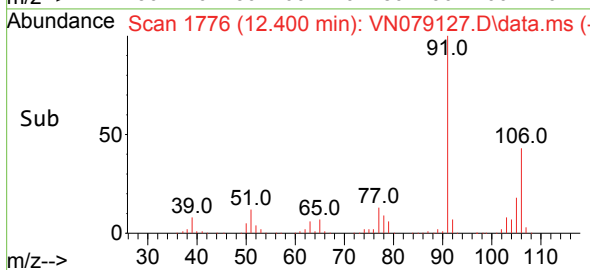
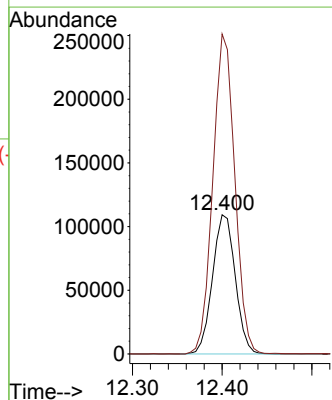
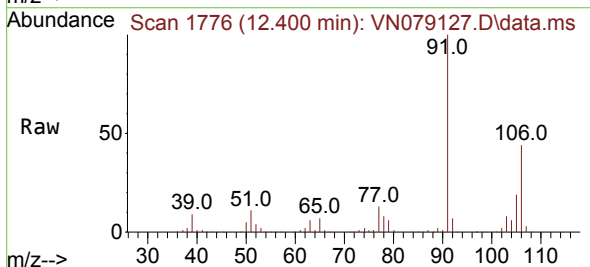
Instrument :
MSVOA_N
ClientSampleId :

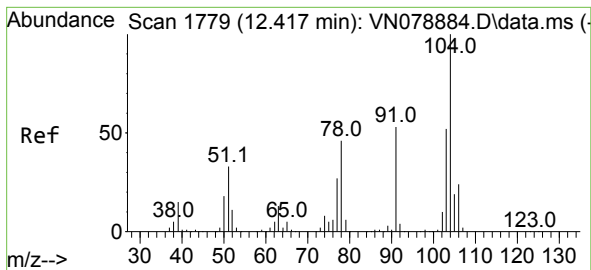
Tgt Ion:106 Resp: 328862
Ion Ratio Lower Upper
106 100
91 209.3 159.6 239.4



#69
o-Xylene
Concen: 26.547 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

Tgt Ion:106 Resp: 192358
Ion Ratio Lower Upper
106 100
91 222.3 105.2 315.5





#70

Styrene

Concen: 4.697 ug/l

RT: 12.412 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

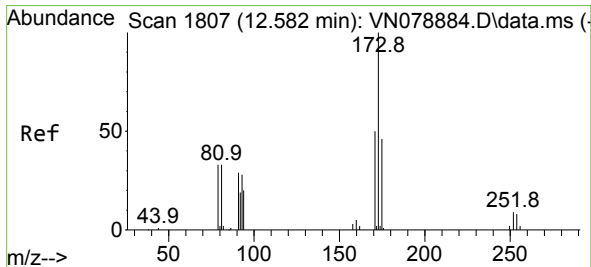
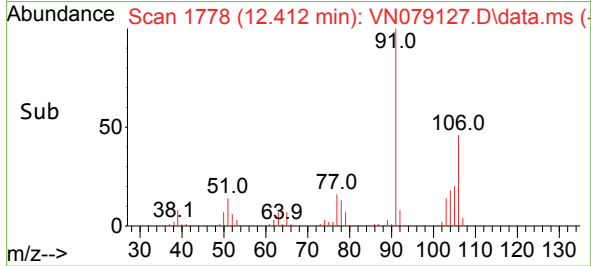
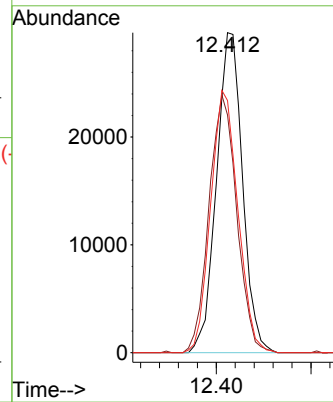
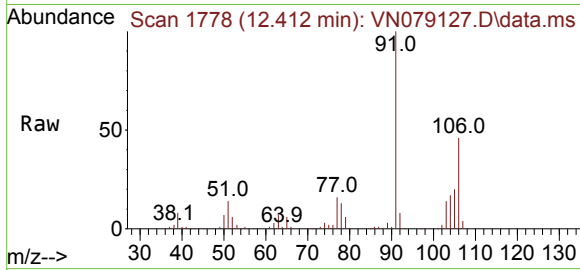
Tgt Ion:104 Resp: 56746

Ion Ratio Lower Upper

104 100

78 85.8 39.5 59.3#

103 85.7 43.2 64.8#



#71

Bromoform

Concen: 0.360 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

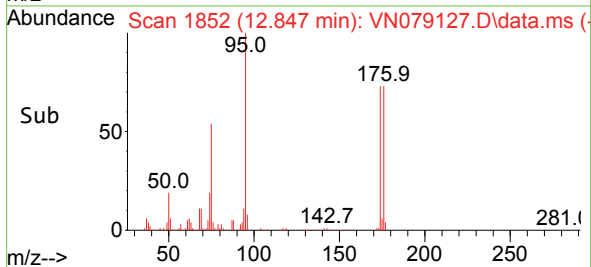
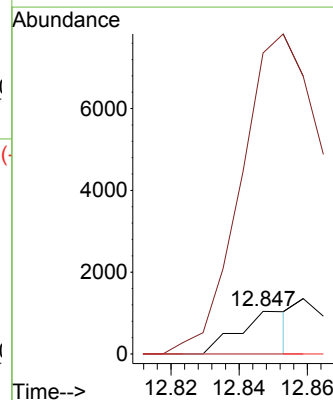
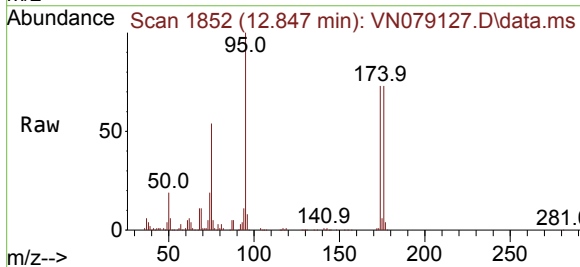
Tgt Ion:173 Resp: 1085

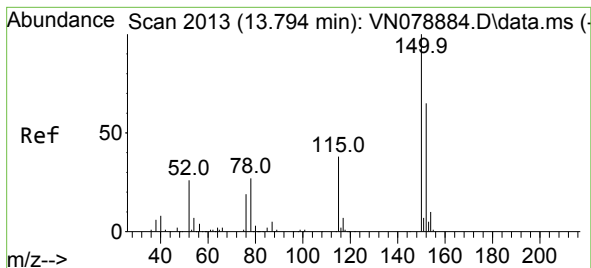
Ion Ratio Lower Upper

173 100

175 953.6 24.3 73.0#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

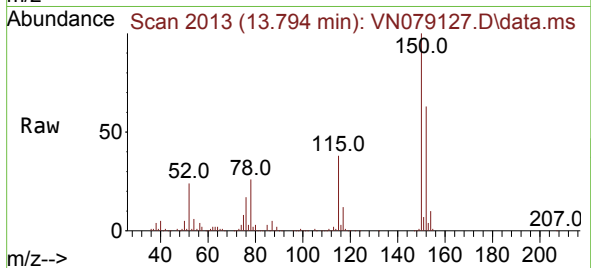
Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :



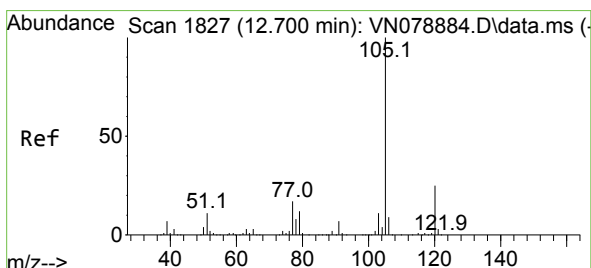
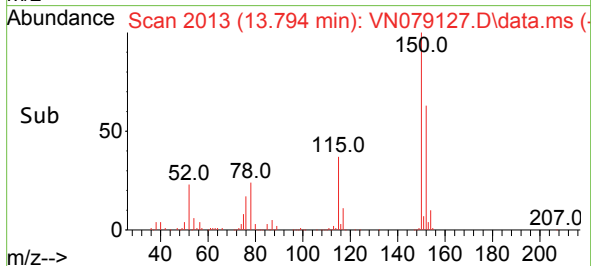
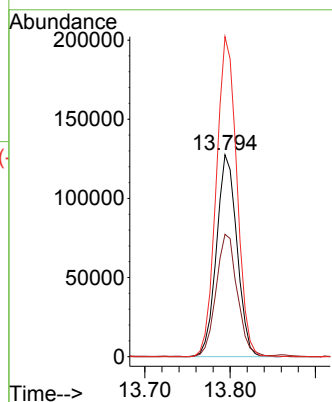
Tgt Ion:152 Resp: 212806

Ion Ratio Lower Upper

152 100

115 63.1 32.3 96.8

150 159.2 0.0 355.8



#73

Isopropylbenzene

Concen: 0.580 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079127.D

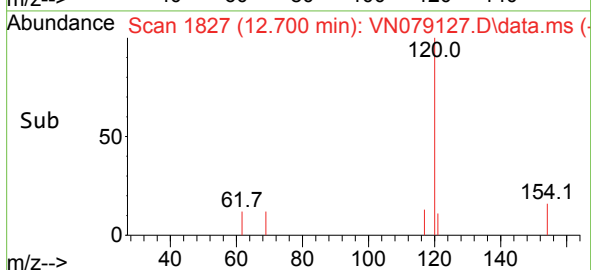
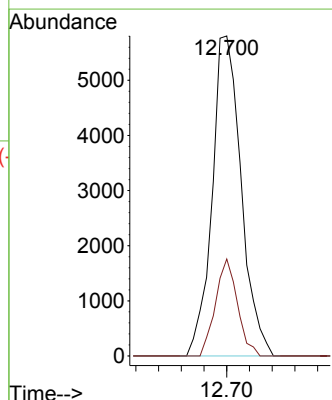
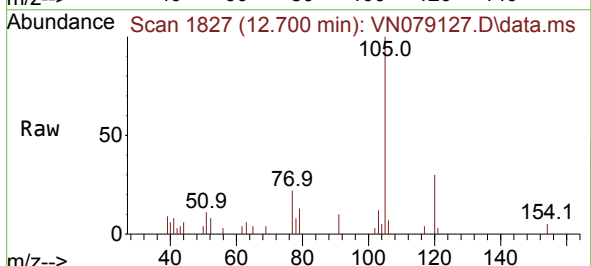
Acq: 01 Sep 2023 16:58

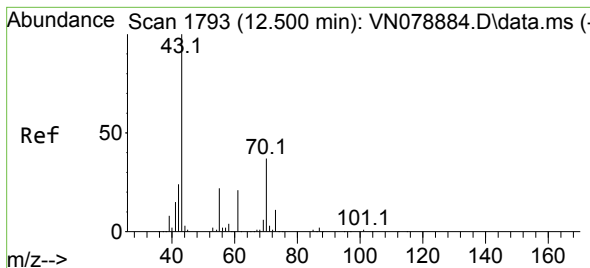
Tgt Ion:105 Resp: 10300

Ion Ratio Lower Upper

105 100

120 22.9 13.1 39.1





#74

N-amy1 acetate

Concen: 0.252 ug/l

RT: 12.465 min Scan# 1

Delta R.T. -0.035 min

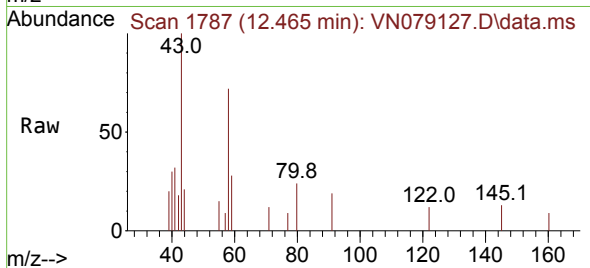
Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 2260

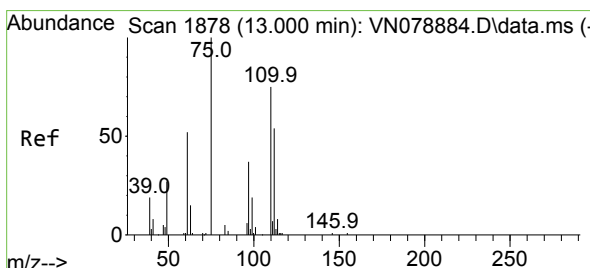
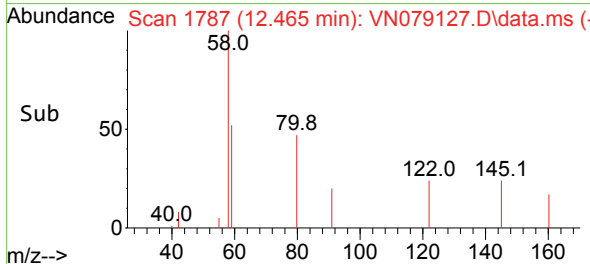
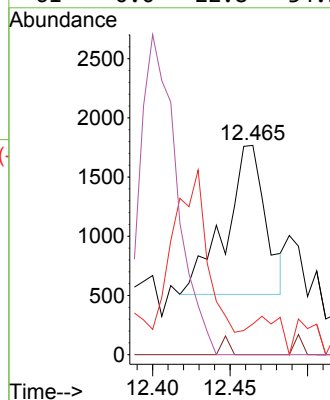
Ion Ratio Lower Upper

43 100

70 0.0 43.4 65.2#

55 18.1 21.4 32.0#

61 0.0 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 24.559 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079127.D

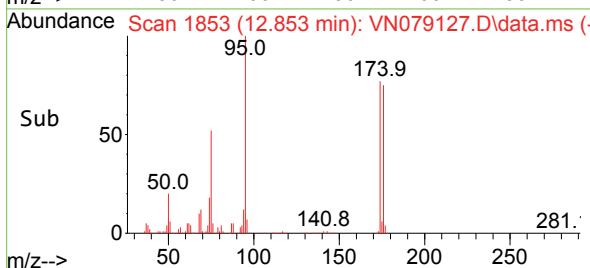
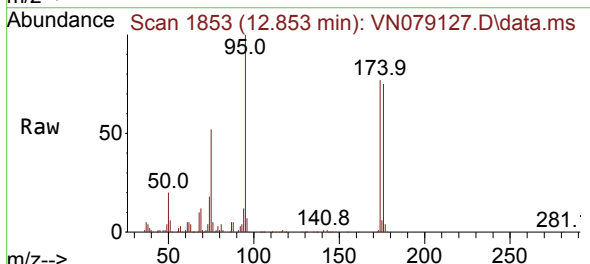
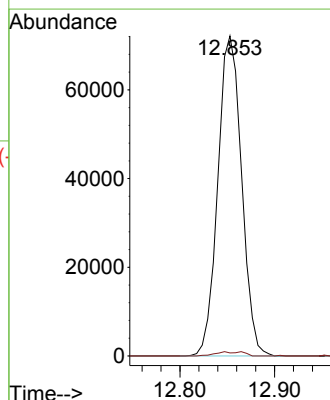
Acq: 01 Sep 2023 16:58

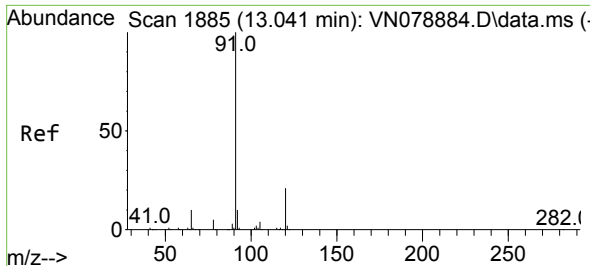
Tgt Ion: 75 Resp: 125930

Ion Ratio Lower Upper

75 100

77 1.5 84.5 253.5#

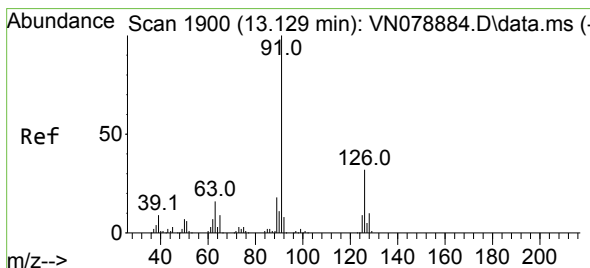
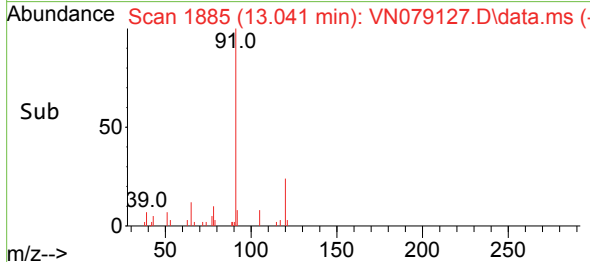
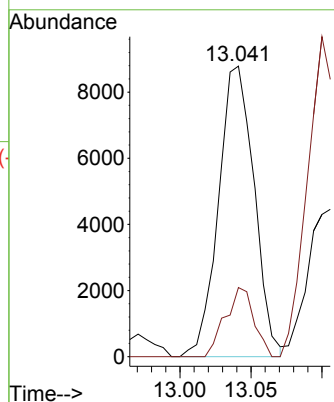
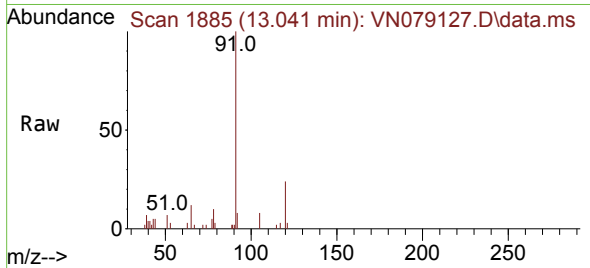




#78
n-propylbenzene
Concen: 0.744 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

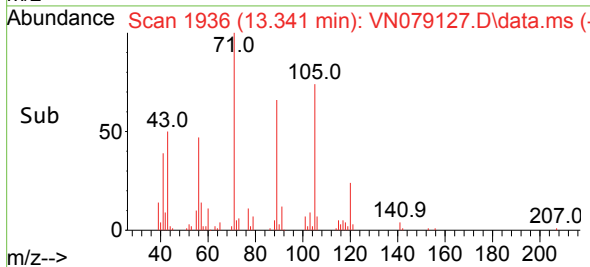
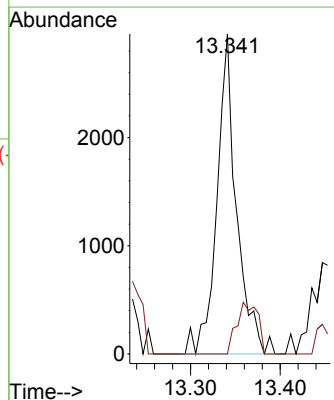
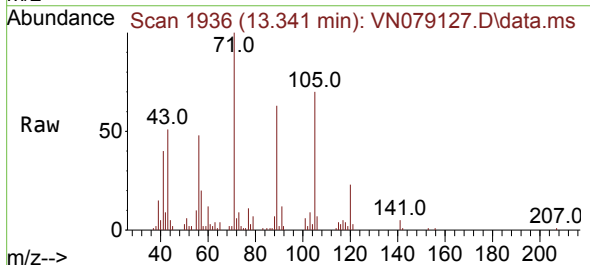
Instrument :
MSVOA_N
ClientSampleId :

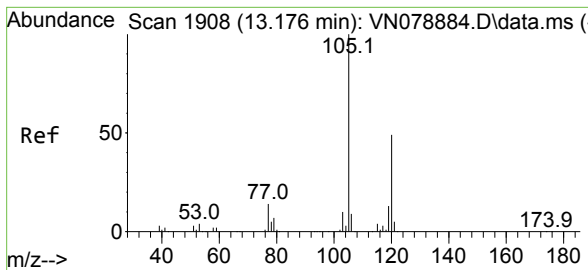
Tgt Ion: 91 Resp: 15314
Ion Ratio Lower Upper
91 100
120 19.2 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.352 ug/l
RT: 13.341 min Scan# 1936
Delta R.T. 0.212 min
Lab File: VN079127.D
Acq: 01 Sep 2023 16:58

Tgt Ion: 91 Resp: 4489
Ion Ratio Lower Upper
91 100
126 17.1 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 3.459 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

Instrument :

MSVOA_N

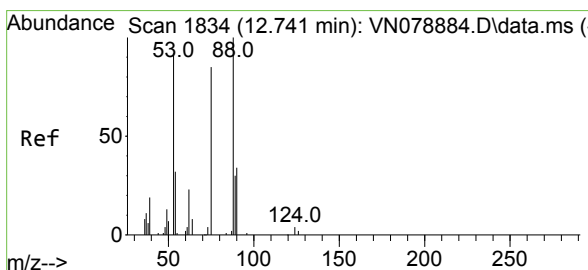
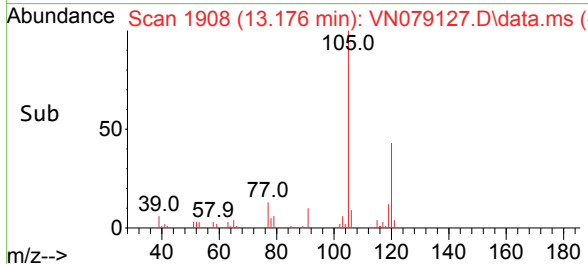
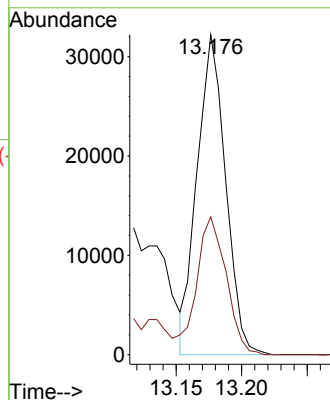
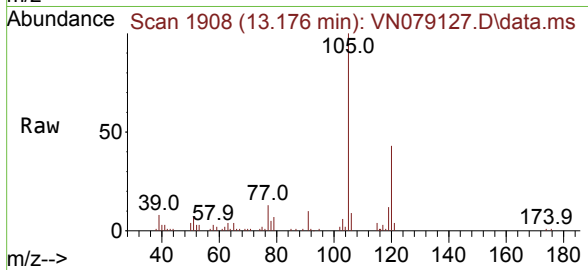
ClientSampleId :

Tgt Ion:105 Resp: 48633

Ion Ratio Lower Upper

105 100

120 45.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 62.738 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

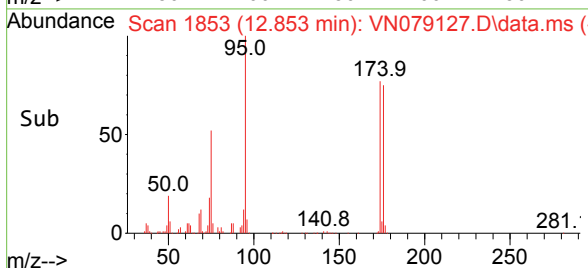
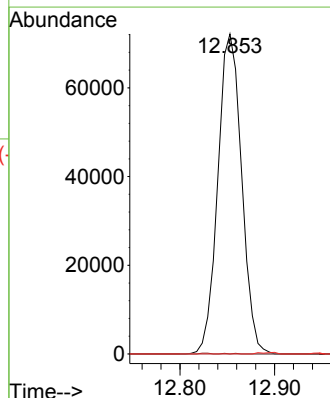
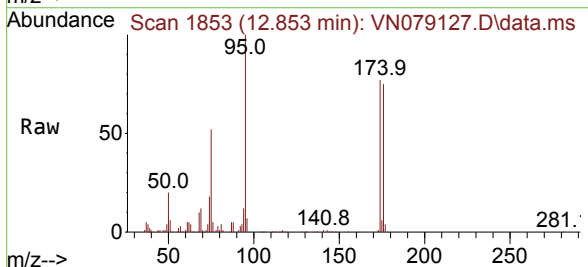
Tgt Ion: 75 Resp: 125930

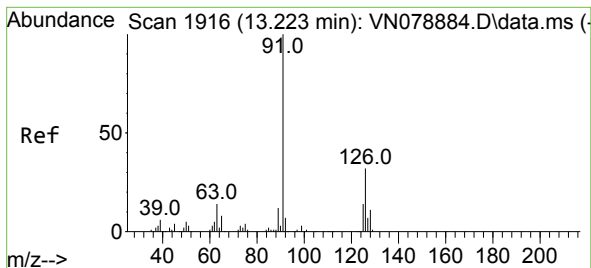
Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#





#82

4-Chlorotoluene

Concen: 0.359 ug/l

RT: 13.341 min Scan# 1916

Delta R.T. 0.112 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

Instrument :

MSVOA_N

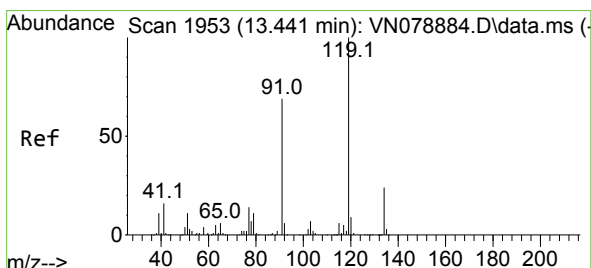
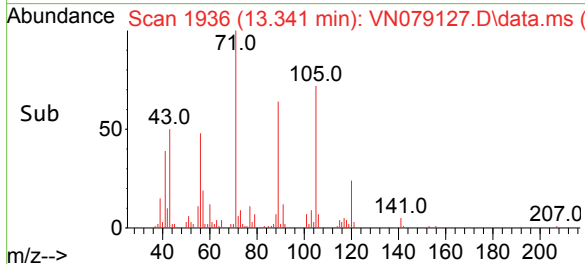
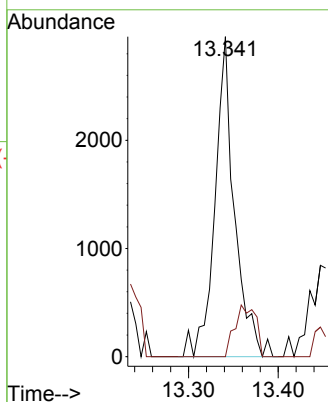
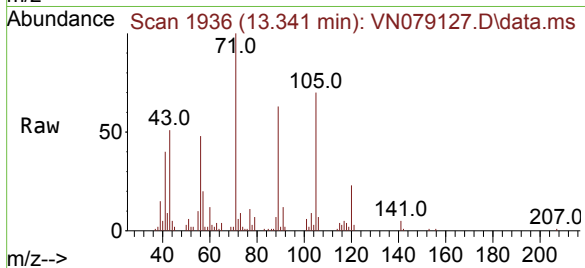
ClientSampleId :

Tgt Ion: 91 Resp: 4489

Ion Ratio Lower Upper

91 100

126 17.1 16.7 50.0



#83

tert-Butylbenzene

Concen: 0.347 ug/l

RT: 13.676 min Scan# 1993

Delta R.T. 0.235 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

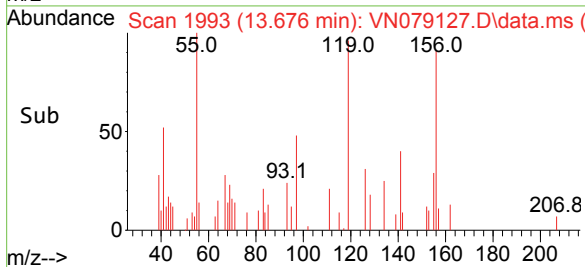
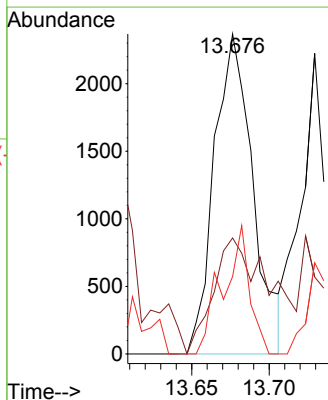
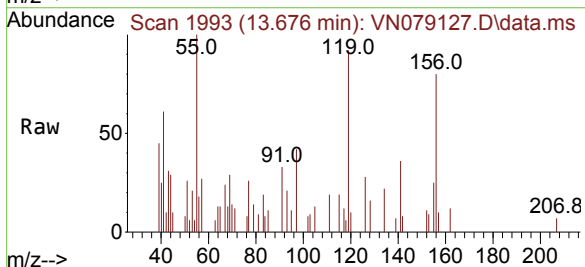
Tgt Ion: 119 Resp: 4098

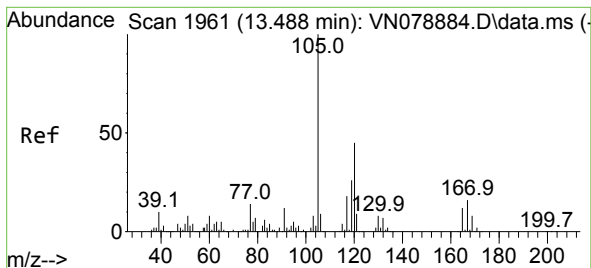
Ion Ratio Lower Upper

119 100

91 53.8 33.9 101.7

134 27.8 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 9.018 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

Instrument :

MSVOA_N

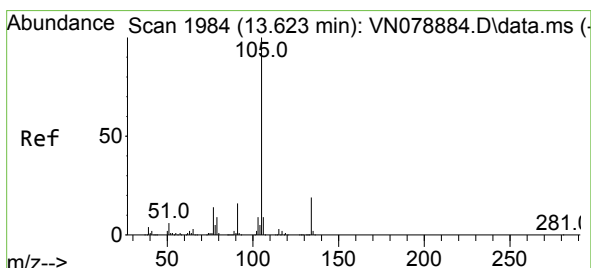
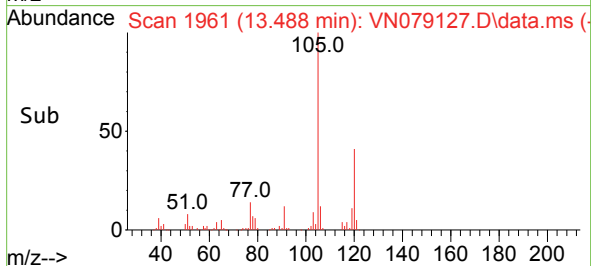
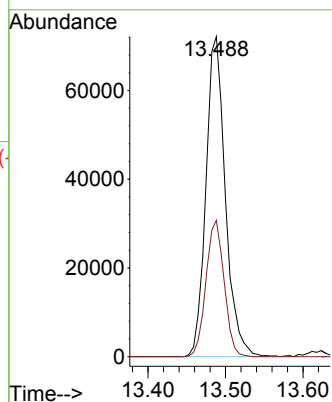
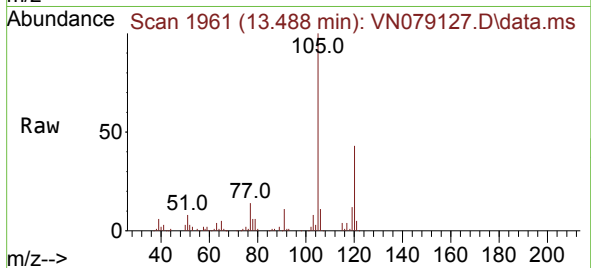
ClientSampleId :

Tgt Ion:105 Resp: 125569

Ion Ratio Lower Upper

105 100

120 39.7 22.0 66.0



#85

sec-Butylbenzene

Concen: 7.723 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.135 min

Lab File: VN079127.D

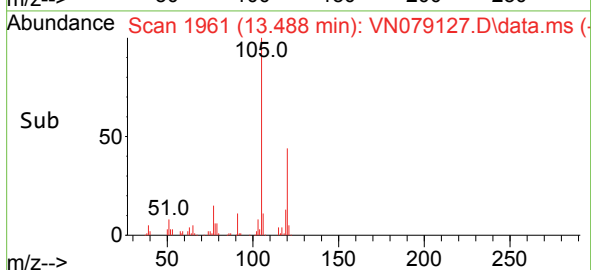
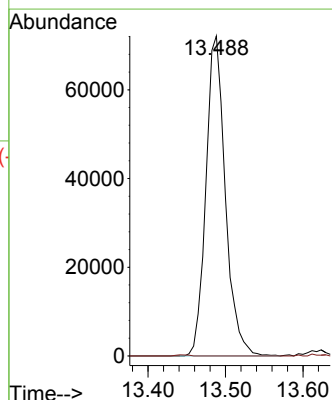
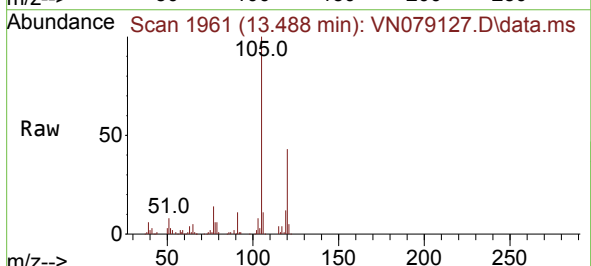
Acq: 01 Sep 2023 16:58

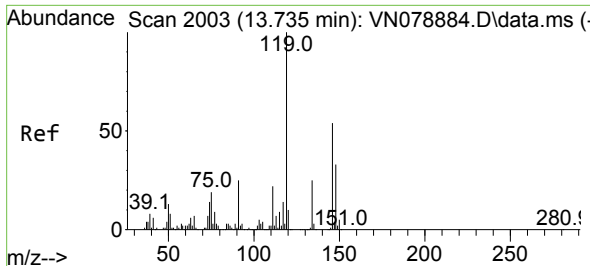
Tgt Ion:105 Resp: 125569

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#

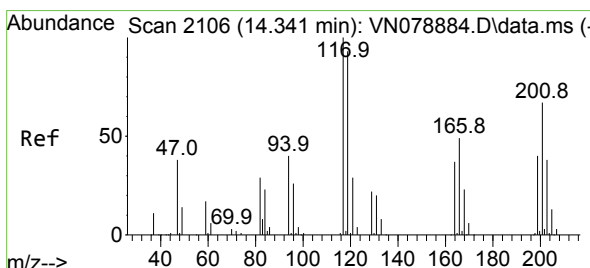
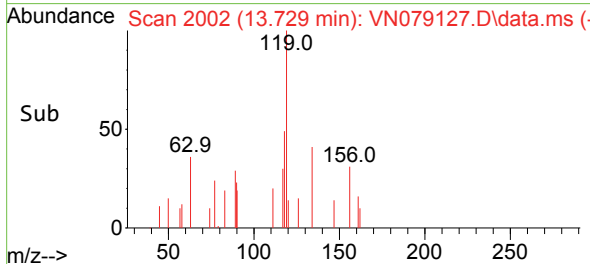
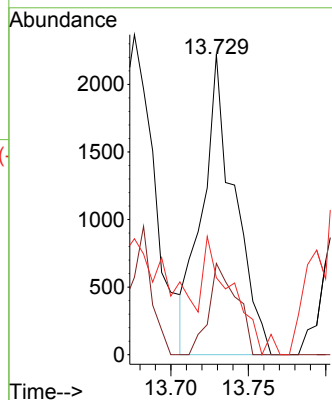
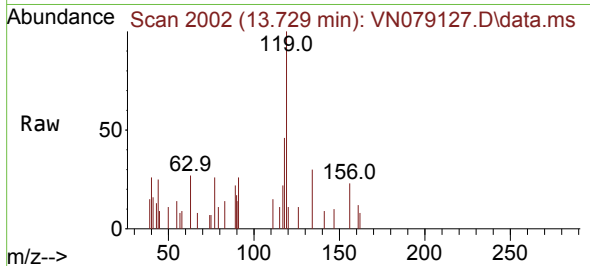




#86
 p-Isopropyltoluene
 Concen: 0.248 ug/l
 RT: 13.729 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079127.D
 Acq: 01 Sep 2023 16:58

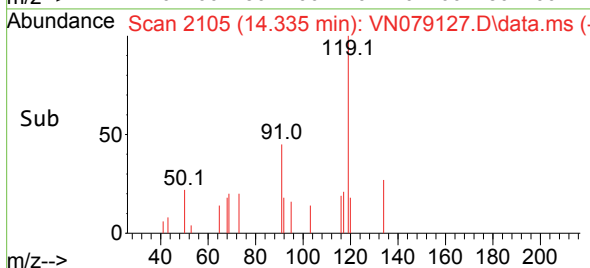
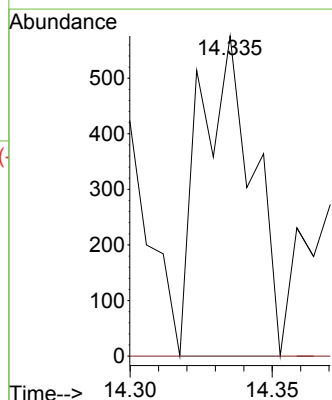
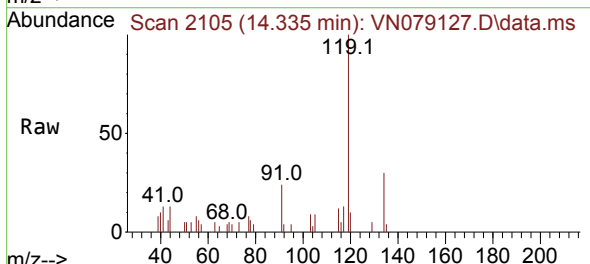
Instrument :
 MSVOA_N
 ClientSampleId :

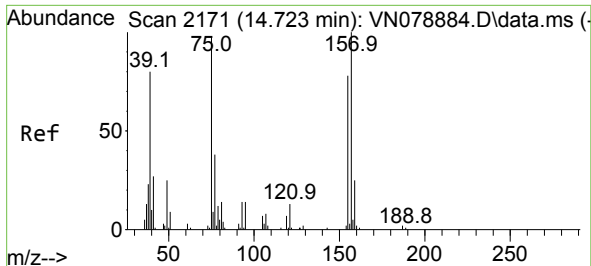
Tgt Ion:119 Resp: 3216
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 35.0 12.4 37.2



#90
 Hexachloroethane
 Concen: 0.286 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN079127.D
 Acq: 01 Sep 2023 16:58

Tgt Ion:117 Resp: 746
 Ion Ratio Lower Upper
 117 100
 201 0.0 29.3 88.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.688 min Scan# 2171

Delta R.T. -0.035 min

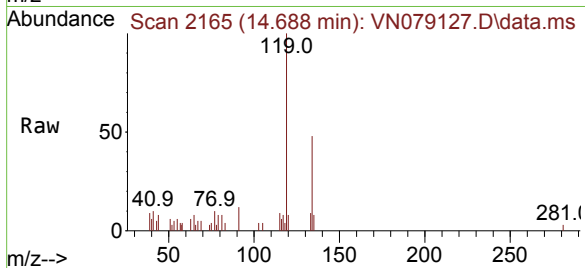
Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :



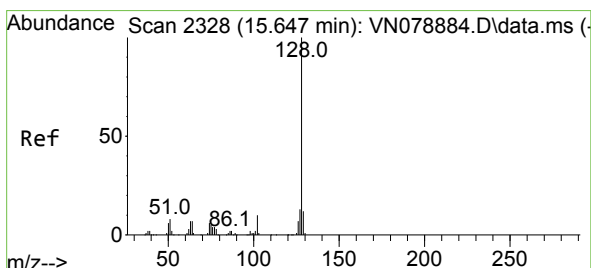
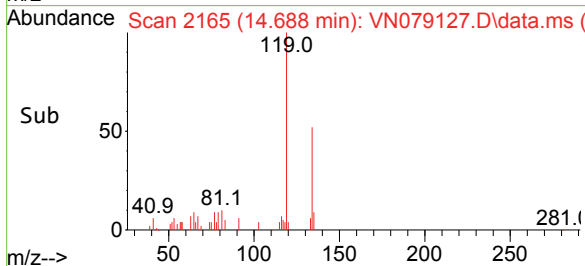
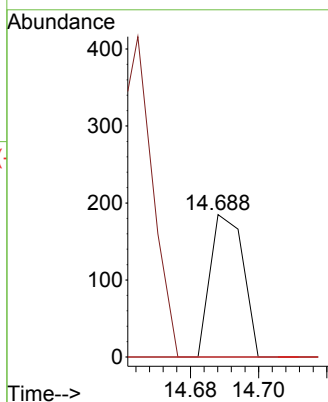
Tgt Ion: 75 Resp: 124

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#



#95

Naphthalene

Concen: 68.051 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079127.D

Acq: 01 Sep 2023 16:58

Tgt Ion:128 Resp: 676959

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.9 8.7 13.1

