

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078599.D
 Acq On : 20 Jul 2023 17:34
 Operator : JC\MD
 Sample : 03632-04ME
 Misc : 7.70g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 21 06:18:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	409156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	732937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	722253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	316028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	272690	49.714	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.420%
35) Dibromofluoromethane	8.171	113	260765	52.411	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.820%
50) Toluene-d8	10.571	98	902536	48.019	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.853	95	345315	59.646	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1513	0.277	ug/l	89
5) Bromomethane	2.948	94	627	Below Cal	#	7
6) Chloroethane	3.100	64	1513	Below Cal		92
11) Tert butyl alcohol	5.506	59	20266	23.960	ug/l #	72
16) Acetone	4.453	43	843	0.493	ug/l #	82
18) Methyl Acetate	5.047	43	8806	1.217	ug/l #	83
20) Methylene Chloride	5.265	84	3170	Below Cal	#	87
25) 2-Butanone	7.488	43	2611	0.971	ug/l #	37
31) Cyclohexane	8.224	56	19318	2.606	ug/l #	57
36) 1,1-Dichloropropene	8.230	75	33504	4.664	ug/l #	48
38) Carbon Tetrachloride	8.230	117	42665	5.464	ug/l #	15
39) Methylcyclohexane	9.565	83	67037	10.223	ug/l #	16
43) Isopropyl Acetate	8.700	43	54548	5.532	ug/l #	49
47) Bromodichloromethane	9.877	83	18421	2.422	ug/l #	30
48) Methyl methacrylate	9.647	41	26196	5.735	ug/l #	21
51) 4-Methyl-2-Pentanone	10.571	43	18048	3.077	ug/l	91
52) Toluene	10.635	92	8664	0.657	ug/l	90
55) 1,1,2-Trichloroethane	11.006	97	70472	13.560	ug/l #	23
56) Ethyl methacrylate	10.871	69	35261	4.854	ug/l #	87
59) 2-Hexanone	11.176	43	78671	18.875	ug/l #	24
61) 1,2-Dibromoethane	11.488	107	1739	0.325	ug/l #	1
67) Ethyl Benzene	11.976	91	7973	0.292	ug/l	95
68) m/p-Xylenes	12.076	106	9173	0.909	ug/l	92
69) o-Xylene	12.406	106	7772	0.763	ug/l	90
74) N-amyl acetate	12.482	43	15037	1.469	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.935	83	1858	Below Cal	#	62
76) 1,2,3-Trichloropropane	12.853	75	183151	23.976	ug/l #	1
77) Bromobenzene	12.982	156	406	Below Cal	#	1
78) n-propylbenzene	13.041	91	9148	0.288	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	6116	0.261	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	183151	63.006	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.494	105	12773	0.560	ug/l	99
85) sec-Butylbenzene	13.623	105	7340	0.292	ug/l #	72
89) n-Butylbenzene	14.059	91	3014	0.208	ug/l	80
90) Hexachloroethane	14.335	117	334	Below Cal	#	43
92) 1,2-Dibromo-3-Chloropr...	14.729	75	84	Below Cal	#	50

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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

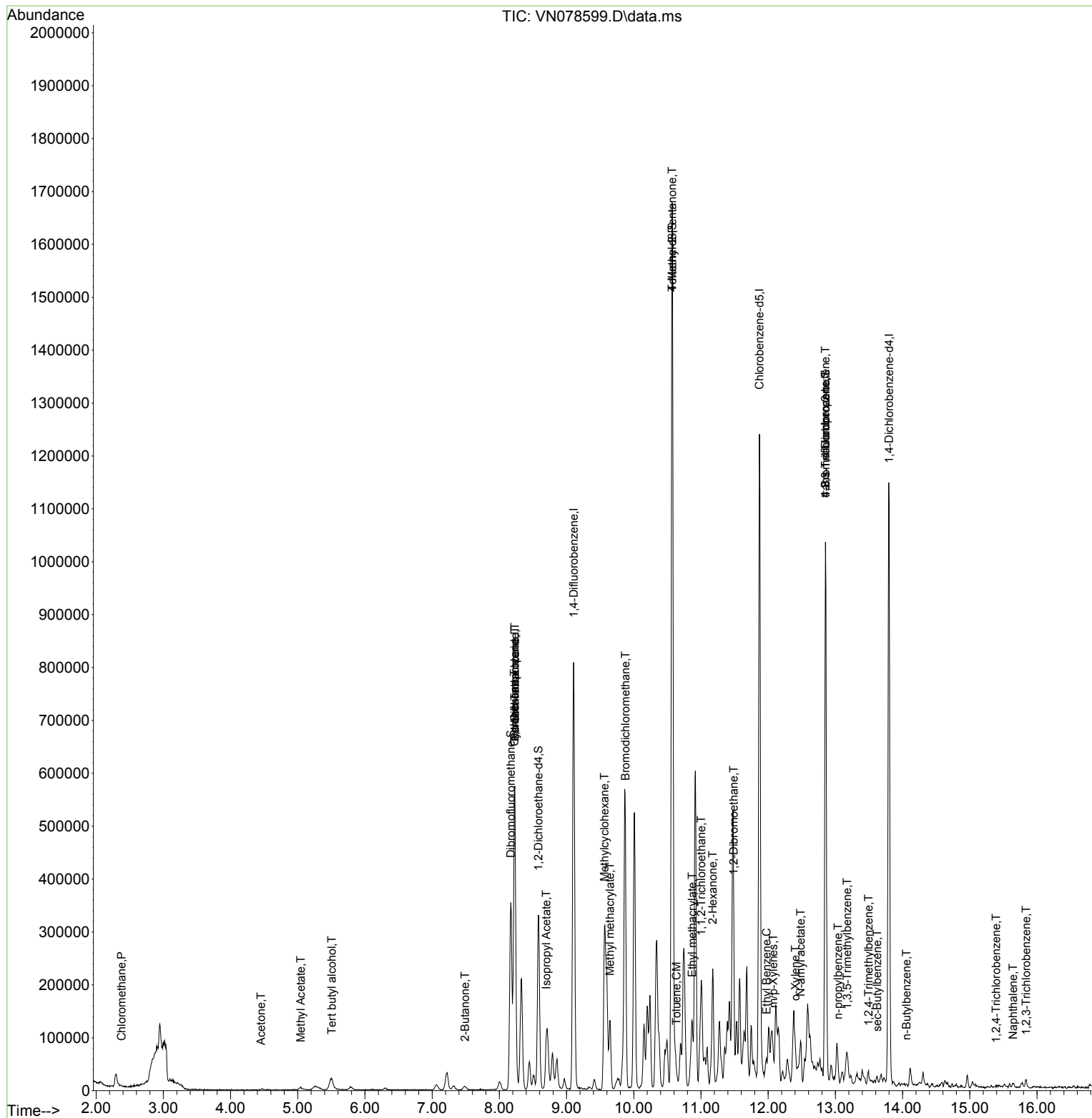
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.394	180	776	0.214	ug/l #	18
94) Hexachlorobutadiene	15.523	225	54	Below Cal	#	1
95) Naphthalene	15.647	128	8480	0.685	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.841	180	862	0.207	ug/l #	60

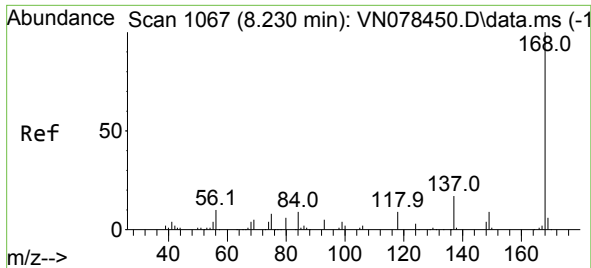
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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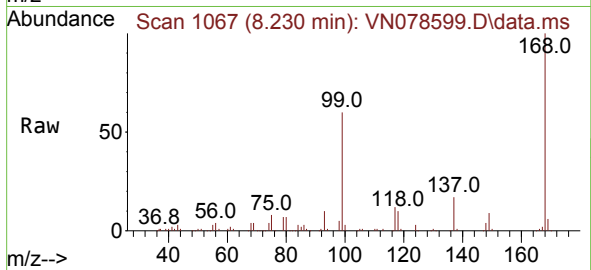
Quant Time: Jul 21 06:18:37 2023
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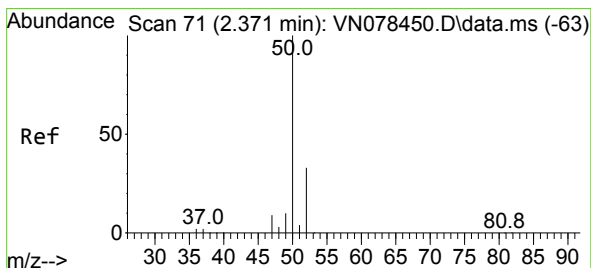
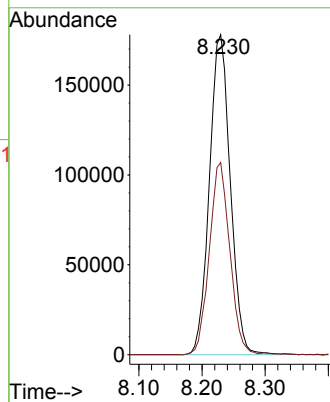
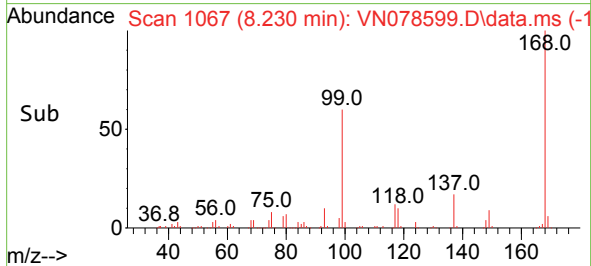


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Instrument :
MSVOA_N
ClientSampleId :

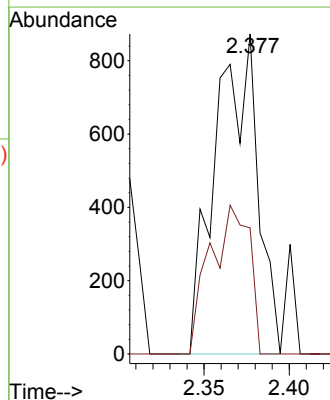
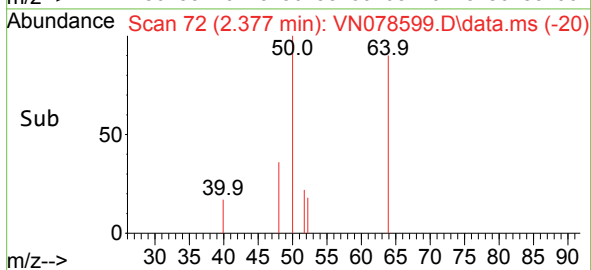
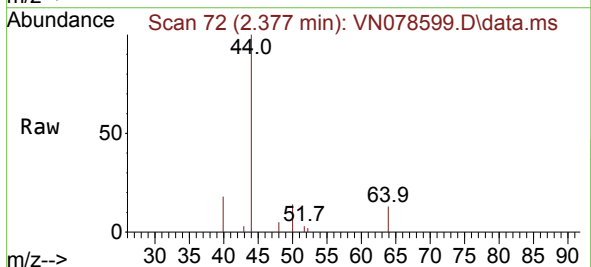


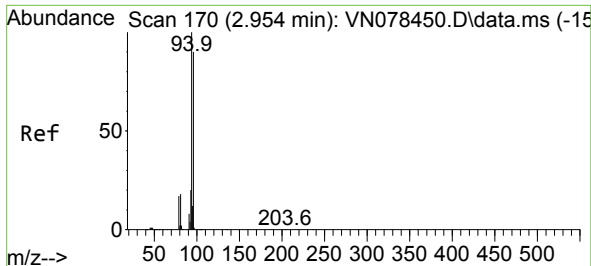
Tgt Ion:168 Resp: 409156
Ion Ratio Lower Upper
168 100
99 60.1 53.0 79.6



#3
Chloromethane
Concen: 0.277 ug/l
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Tgt Ion: 50 Resp: 1513
Ion Ratio Lower Upper
50 100
52 39.4 26.5 39.7





#5

Bromomethane

Concen: Below Cal

RT: 2.948 min Scan# 1

Delta R.T. -0.006 min

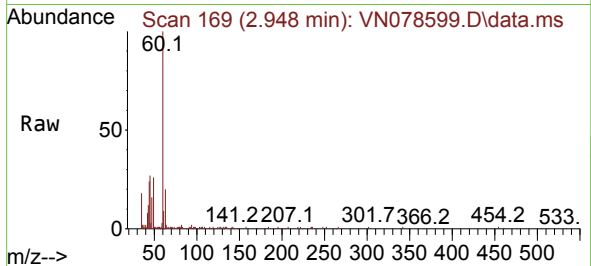
Lab File: VN078599.D

Acq: 20 Jul 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

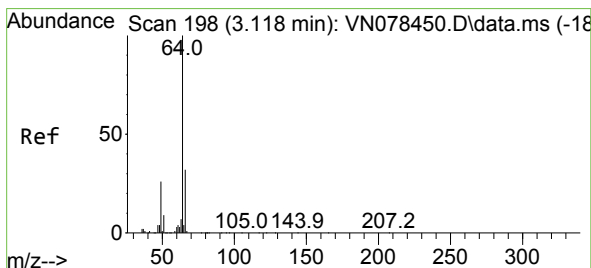
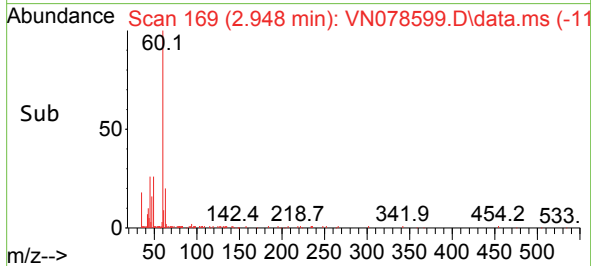
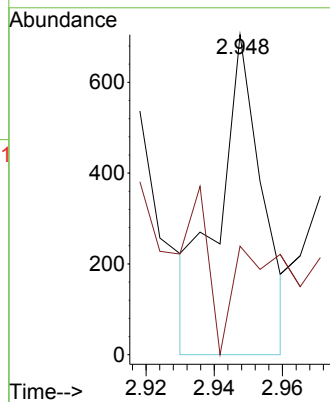


Tgt Ion: 94 Resp: 627

Ion Ratio Lower Upper

94 100

96 3.4 73.1 109.7#



#6

Chloroethane

Concen: Below Cal

RT: 3.100 min Scan# 195

Delta R.T. -0.018 min

Lab File: VN078599.D

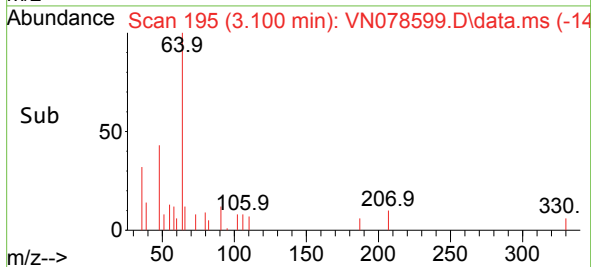
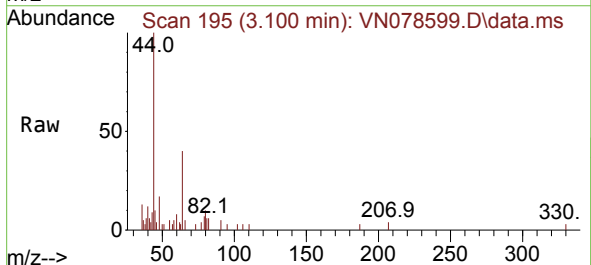
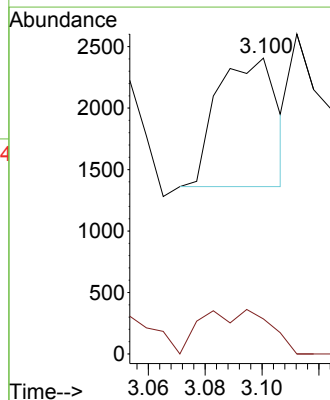
Acq: 20 Jul 2023 17:34

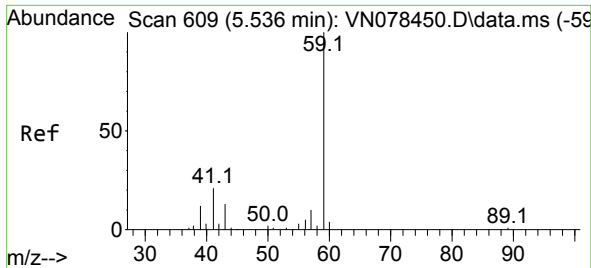
Tgt Ion: 64 Resp: 1513

Ion Ratio Lower Upper

64 100

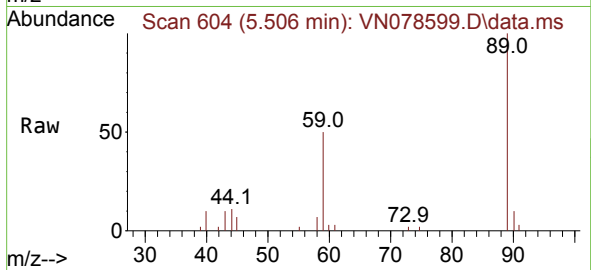
66 27.3 25.4 38.2



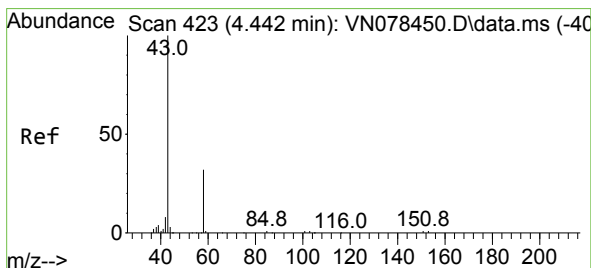
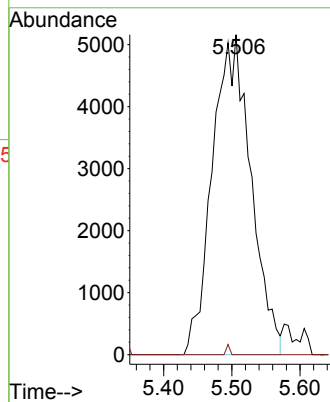
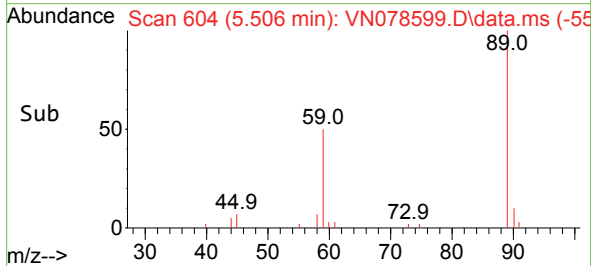


#11
Tert butyl alcohol
Concen: 23.960 ug/l
RT: 5.506 min Scan# 609
Delta R.T. -0.030 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Instrument :
MSVOA_N
ClientSampleId :

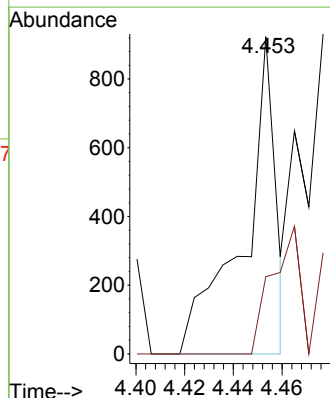
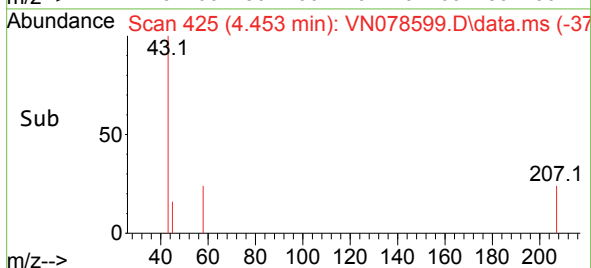
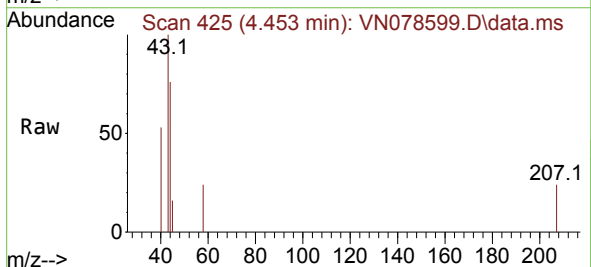


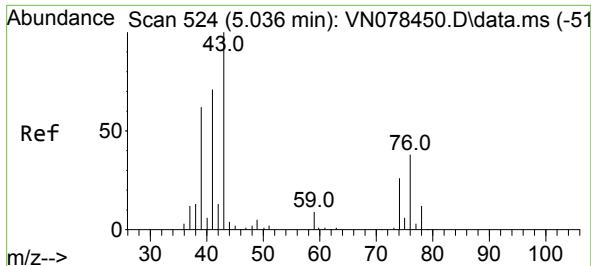
Tgt Ion: 59 Resp: 20266
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.493 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Tgt Ion: 43 Resp: 843
Ion Ratio Lower Upper
43 100
58 24.4 28.0 42.0#





#18

Methyl Acetate

Concen: 1.217 ug/l

RT: 5.047 min Scan# 51

Delta R.T. 0.011 min

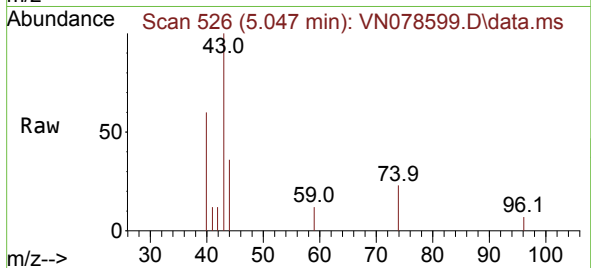
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Acq: 20 Jul 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

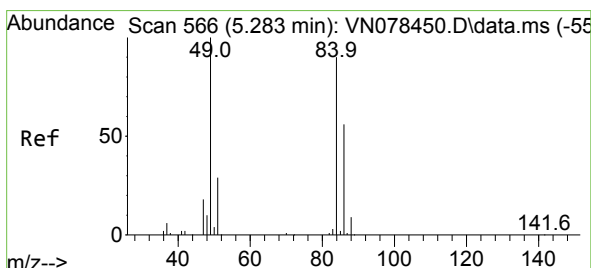
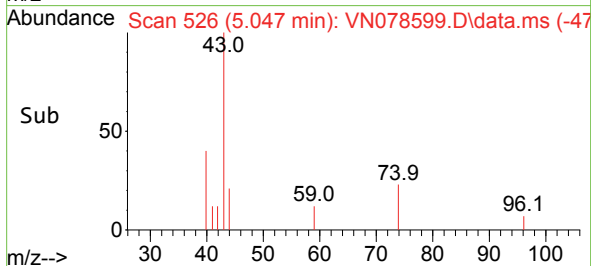
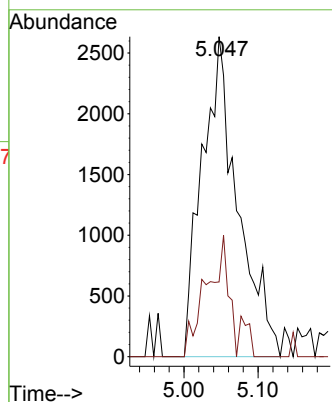


Tgt Ion: 43 Resp: 8806

Ion Ratio Lower Upper

43 100

74 23.2 26.2 39.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.265 min Scan# 563

Delta R.T. -0.018 min

Lab File: VN078599.D

Acq: 20 Jul 2023 17:34

Tgt Ion: 84 Resp: 3170

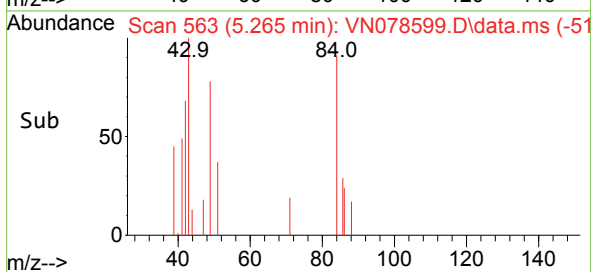
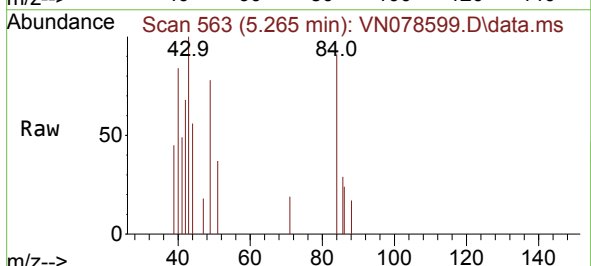
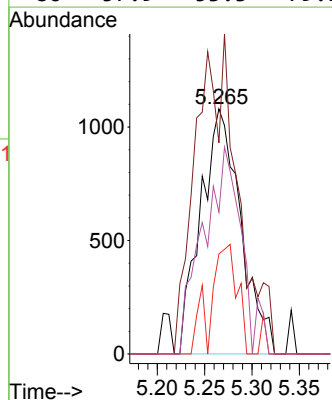
Ion Ratio Lower Upper

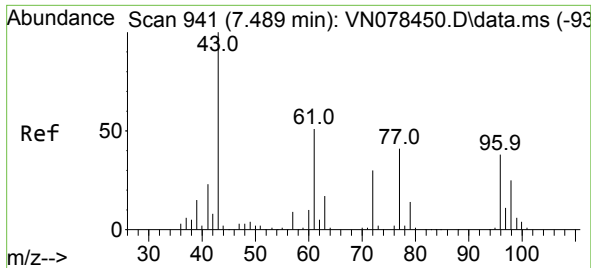
84 100

49 86.2 79.7 119.5

51 40.8 25.2 37.8#

86 57.9 53.3 79.9

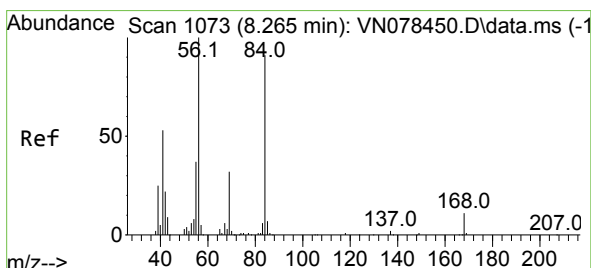
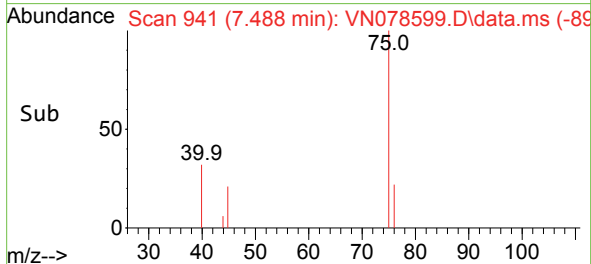
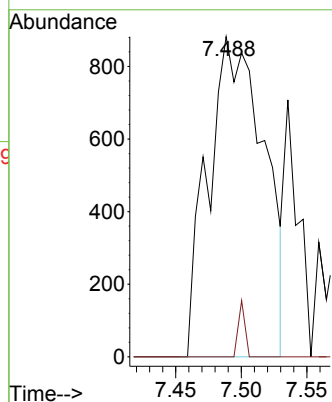
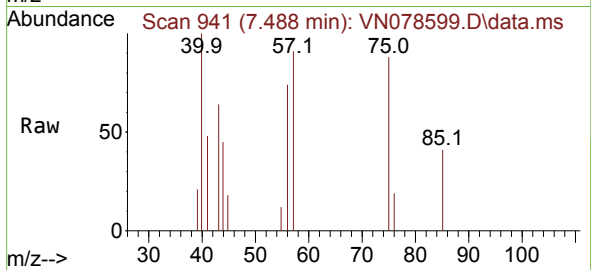




#25
2-Butanone
Concen: 0.971 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.001 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

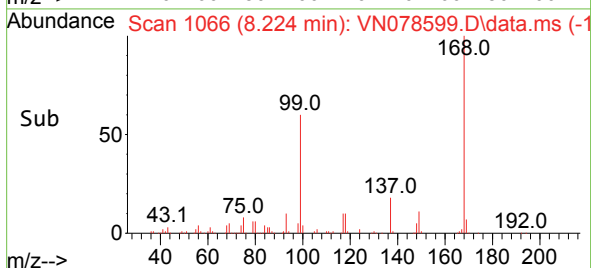
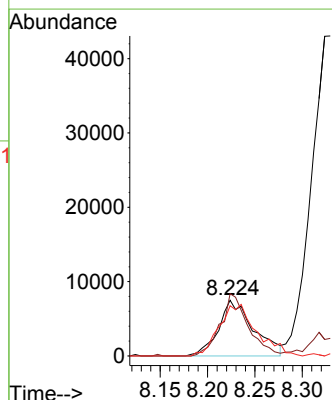
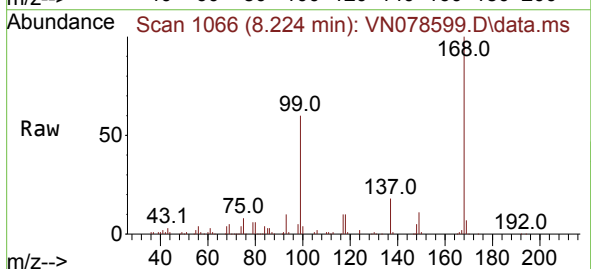
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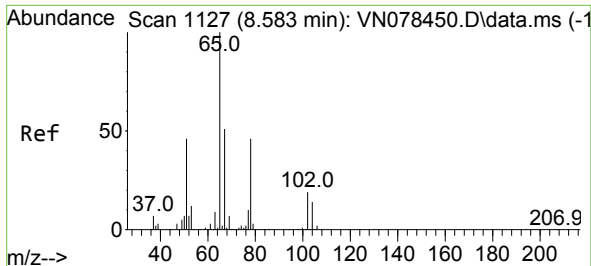
Tgt Ion: 43 Resp: 2611
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#31
Cyclohexane
Concen: 2.606 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Tgt Ion: 56 Resp: 19318
Ion Ratio Lower Upper
56 100
69 111.7 26.8 40.2#
84 90.1 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 49.714 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078599.D

Acq: 20 Jul 2023 17:34

Instrument :

MSVOA_N

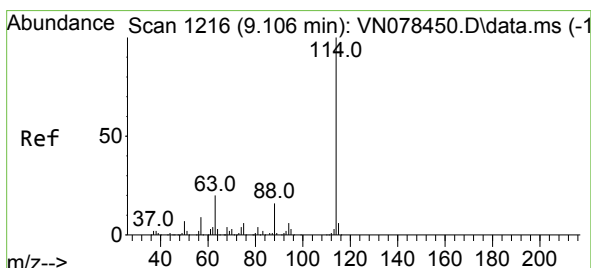
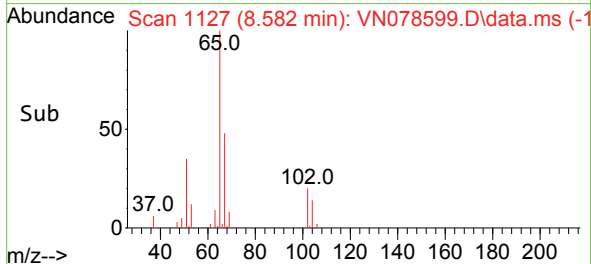
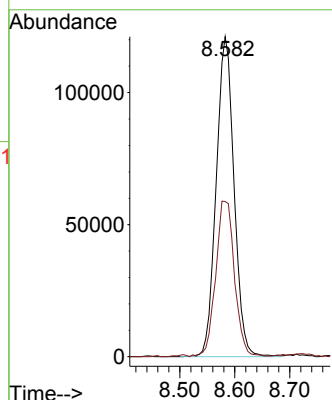
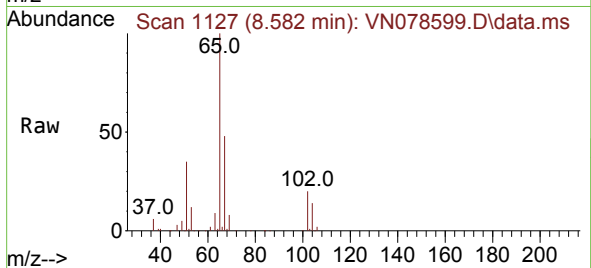
ClientSampleId :

Tgt Ion: 65 Resp: 272690

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078599.D

Acq: 20 Jul 2023 17:34

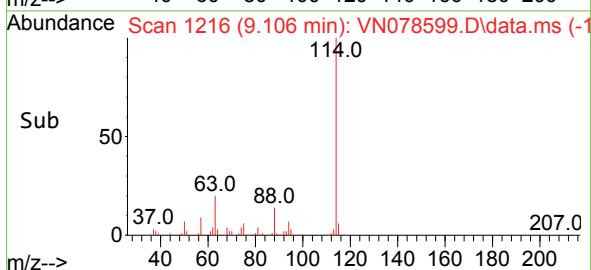
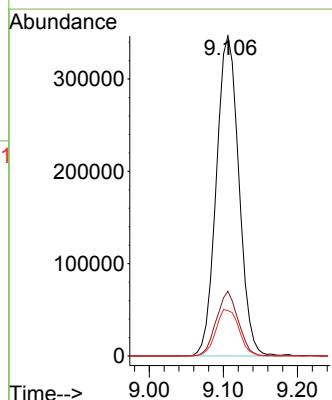
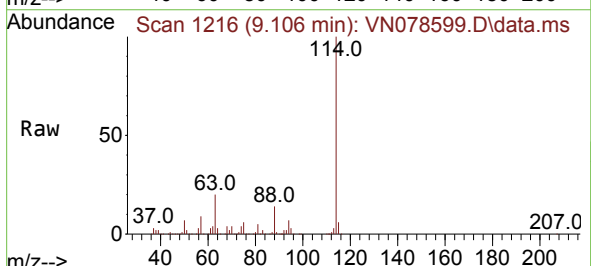
Tgt Ion: 114 Resp: 732937

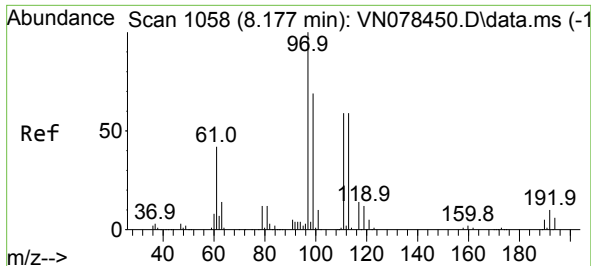
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

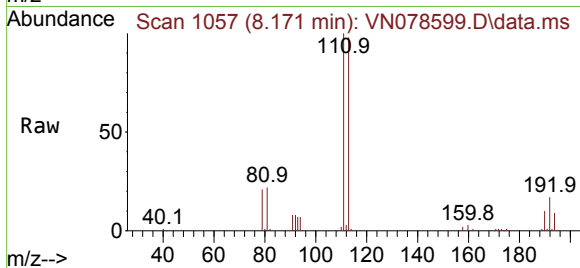
88 14.2 0.0 30.6



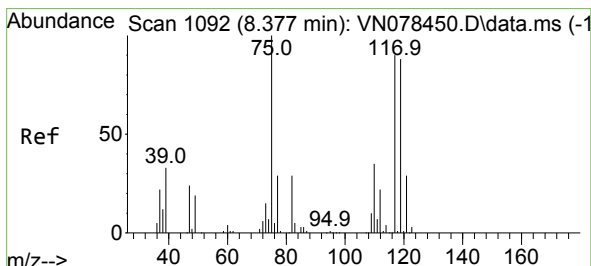
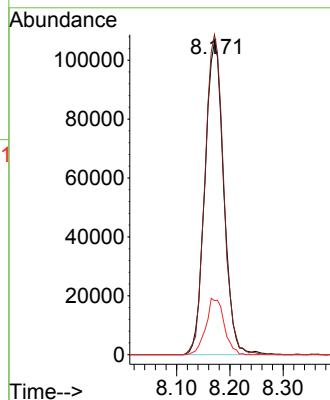
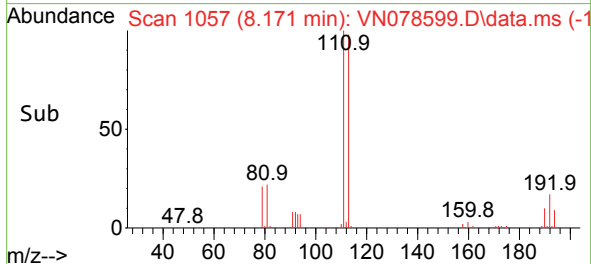


#35
Dibromofluoromethane
Concen: 52.411 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Instrument :
MSVOA_N
ClientSampleId :

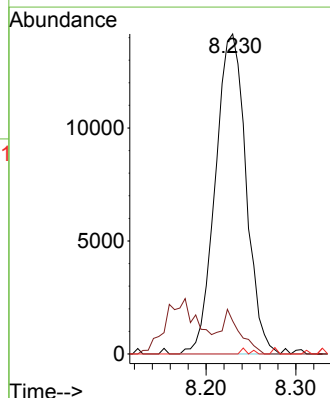
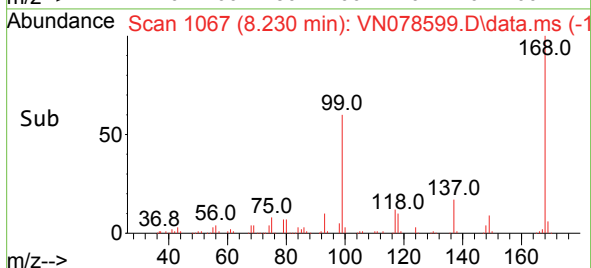
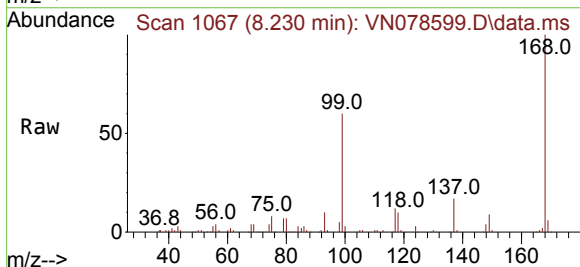


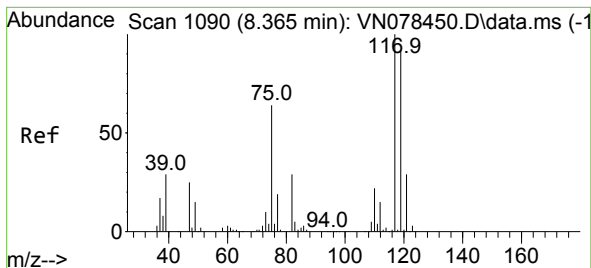
Tgt Ion:113 Resp: 260765
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 17.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.664 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Tgt Ion: 75 Resp: 33504
Ion Ratio Lower Upper
75 100
110 8.8 19.1 57.3#
77 0.5 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.464 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.135 min

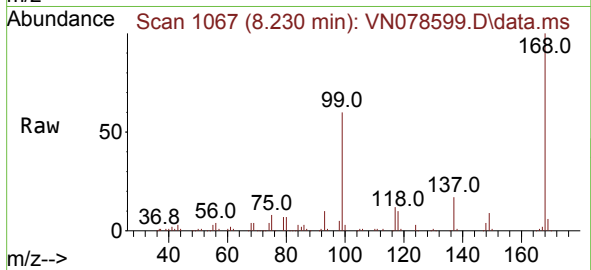
Lab File: VN078599.D

Acq: 20 Jul 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :



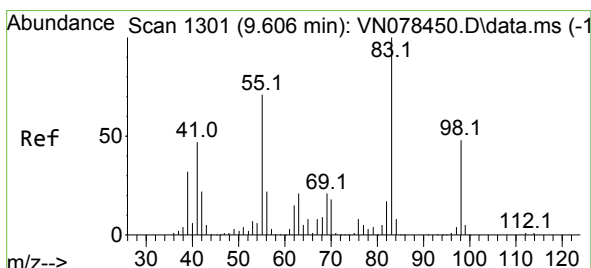
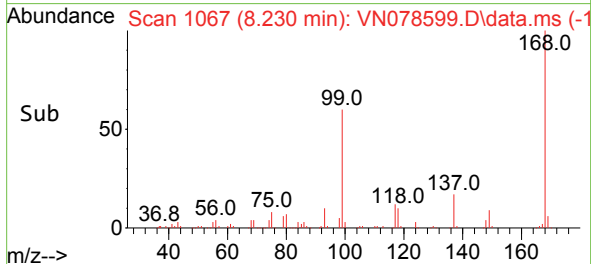
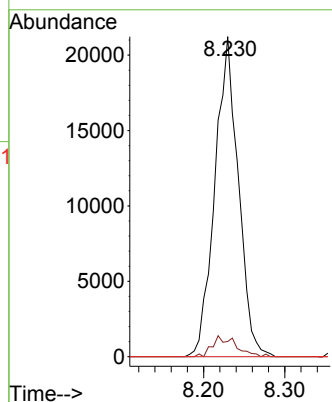
Tgt Ion:117 Resp: 42665

Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

121 0.0 23.3 34.9#



#39

Methylcyclohexane

Concen: 10.223 ug/l

RT: 9.565 min Scan# 1294

Delta R.T. -0.041 min

Lab File: VN078599.D

Acq: 20 Jul 2023 17:34

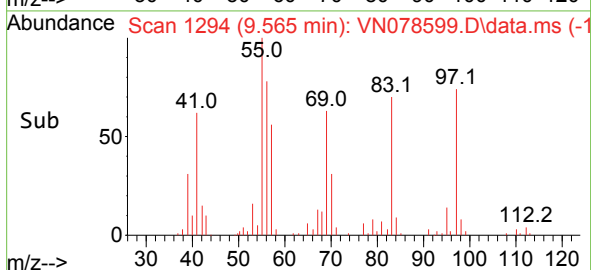
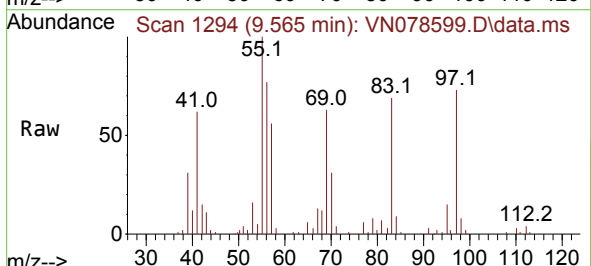
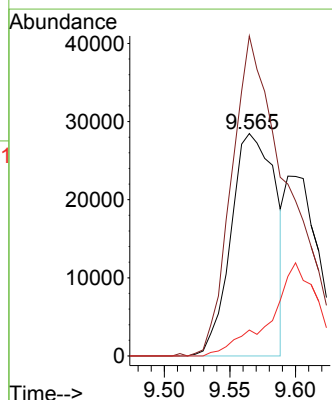
Tgt Ion: 83 Resp: 67037

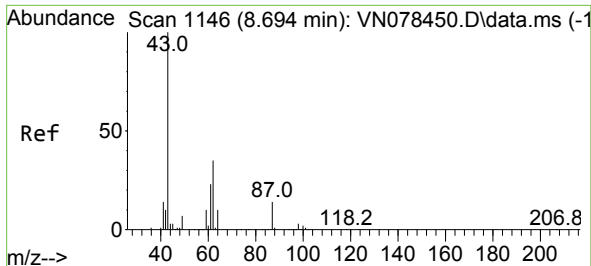
Ion Ratio Lower Upper

83 100

55 142.8 49.1 73.7#

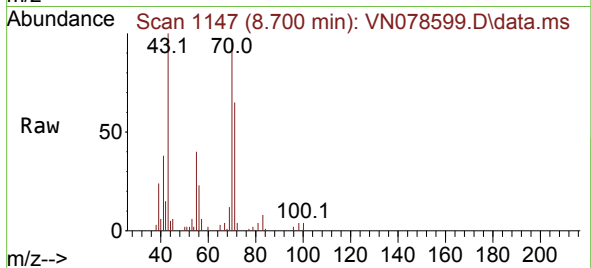
98 11.6 40.6 61.0#



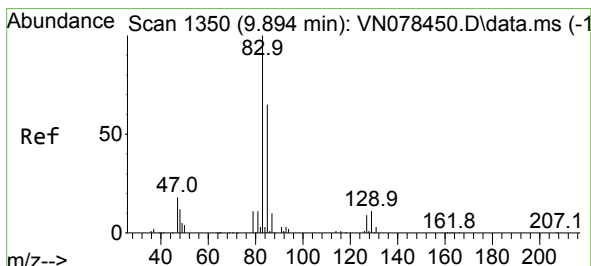
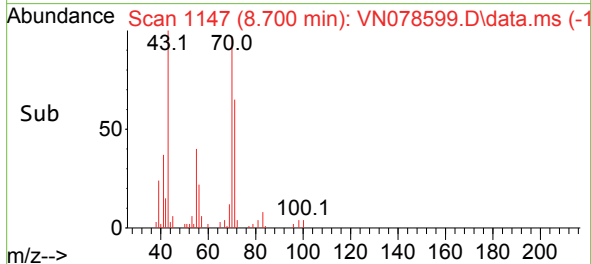
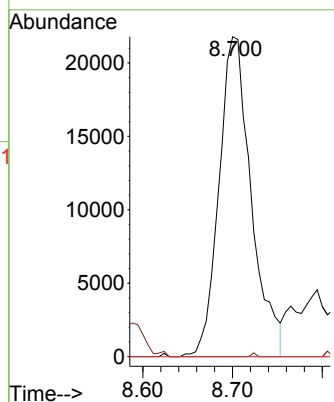


#43
Isopropyl Acetate
Concen: 5.532 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Instrument :
MSVOA_N
ClientSampleId :

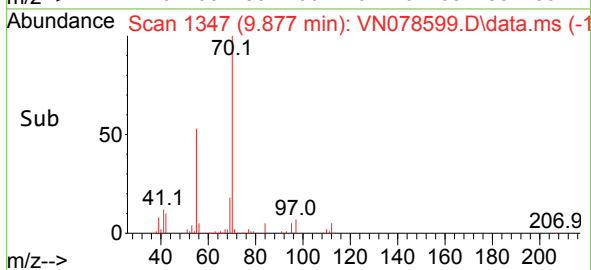
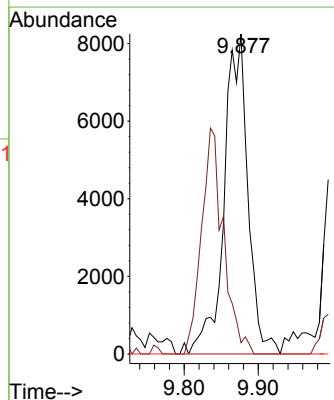
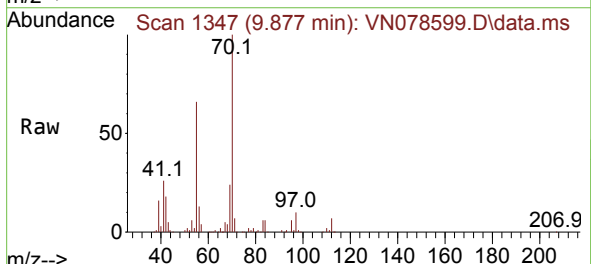


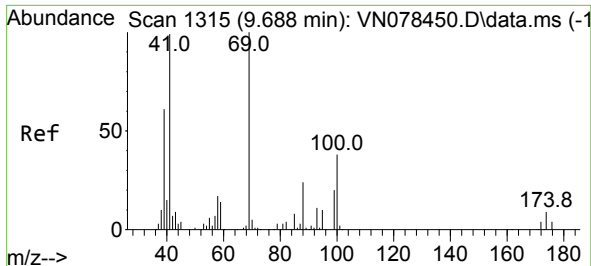
Tgt Ion: 43 Resp: 54548
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#47
Bromodichloromethane
Concen: 2.422 ug/l
RT: 9.877 min Scan# 1347
Delta R.T. -0.017 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Tgt Ion: 83 Resp: 18421
Ion Ratio Lower Upper
83 100
85 3.6 49.6 74.4#
127 0.0 7.0 10.6#





#48

Methyl methacrylate

Concen: 5.735 ug/l

RT: 9.647 min Scan# 1

Delta R.T. -0.041 min

Lab File: VN078599.D

Acq: 20 Jul 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

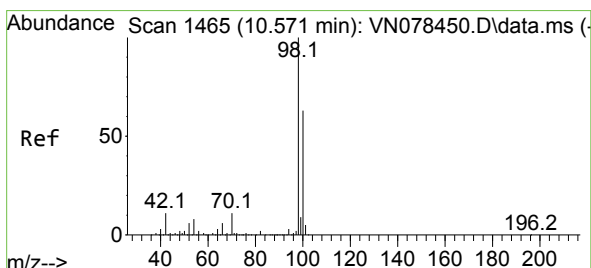
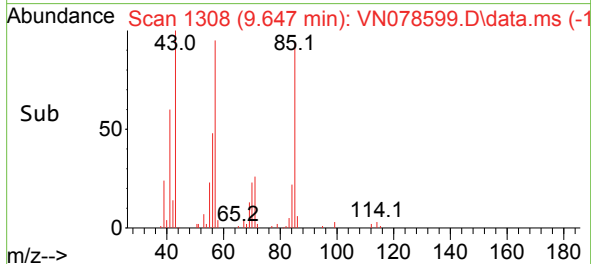
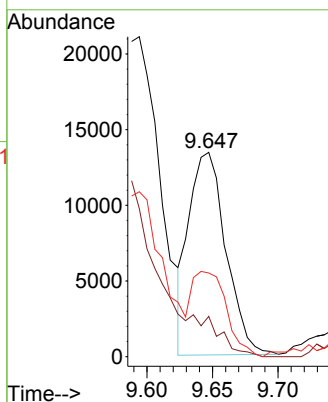
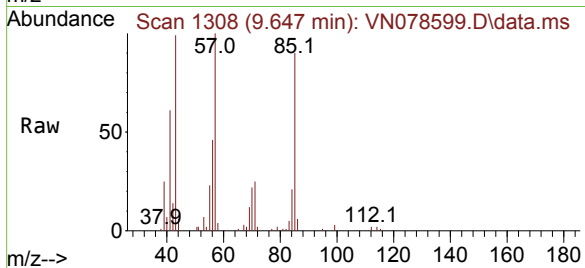
Tgt Ion: 41 Resp: 26196

Ion Ratio Lower Upper

41 100

69 0.0 90.4 135.6#

39 39.2 54.6 81.8#



#50

Toluene-d8

Concen: 48.019 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078599.D

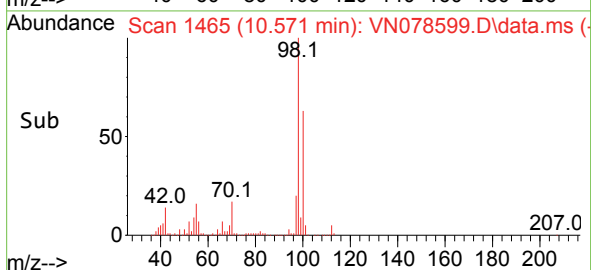
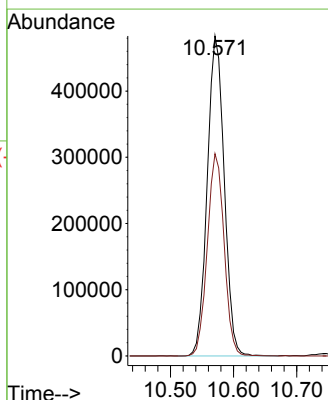
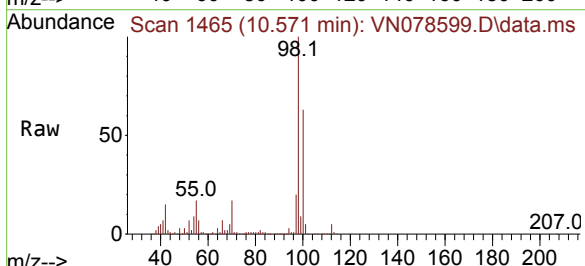
Acq: 20 Jul 2023 17:34

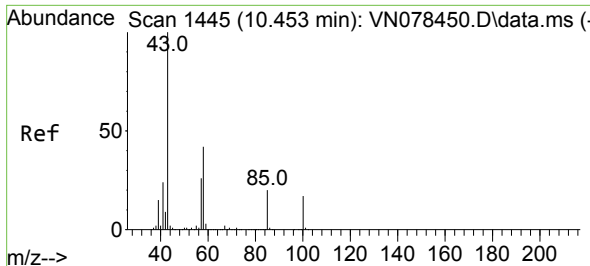
Tgt Ion: 98 Resp: 902536

Ion Ratio Lower Upper

98 100

100 62.5 52.0 78.0

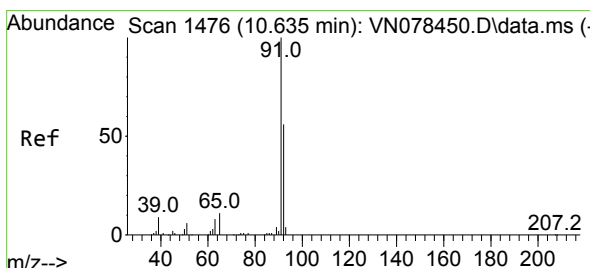
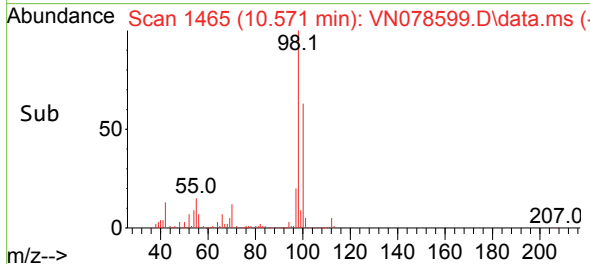
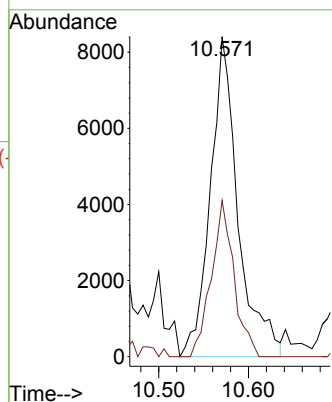
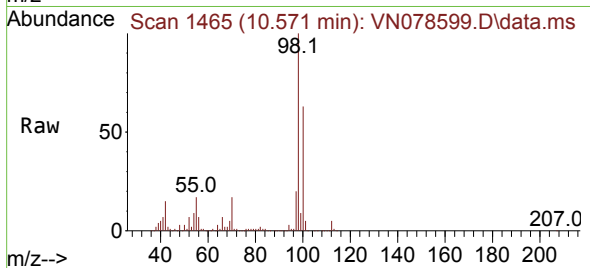




#51
4-Methyl-2-Pentanone
Concen: 3.077 ug/l
RT: 10.571 min Scan# 1445
Delta R.T. 0.118 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

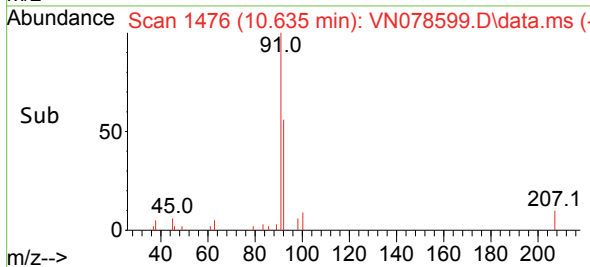
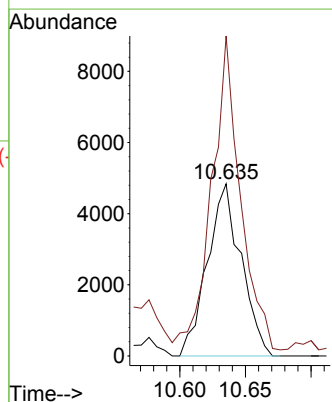
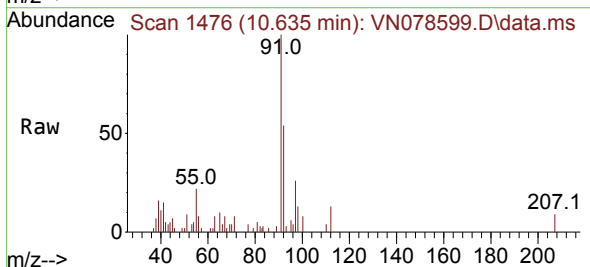
Instrument :
MSVOA_N
ClientSampleId :

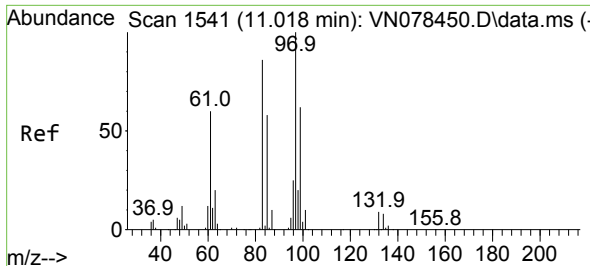
Tgt Ion: 43 Resp: 18048
Ion Ratio Lower Upper
43 100
58 39.9 36.6 54.8



#52
Toluene
Concen: 0.657 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

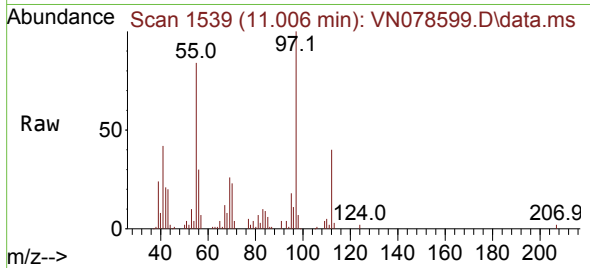
Tgt Ion: 92 Resp: 8664
Ion Ratio Lower Upper
92 100
91 157.7 137.4 206.0



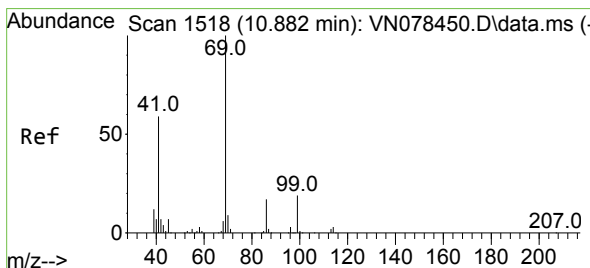
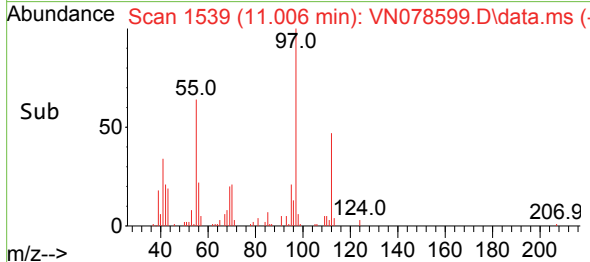
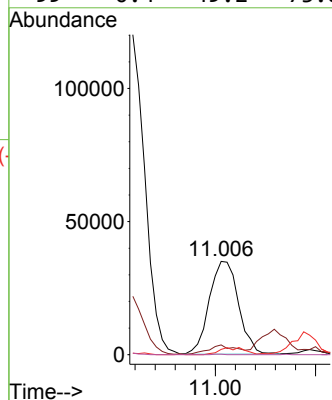


#55
1,1,2-Trichloroethane
Concen: 13.560 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.012 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Instrument :
MSVOA_N
ClientSampleId :

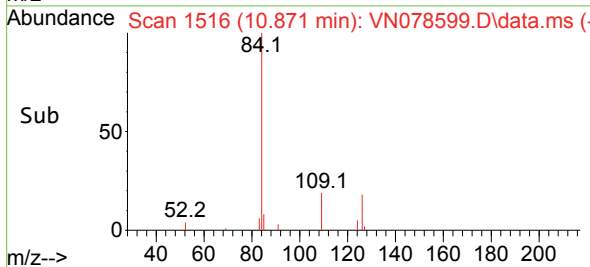
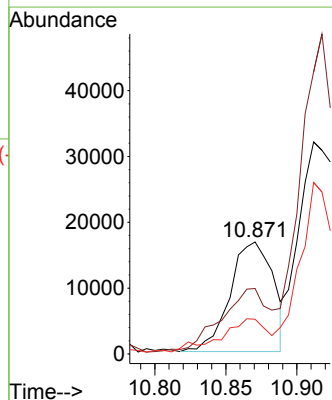
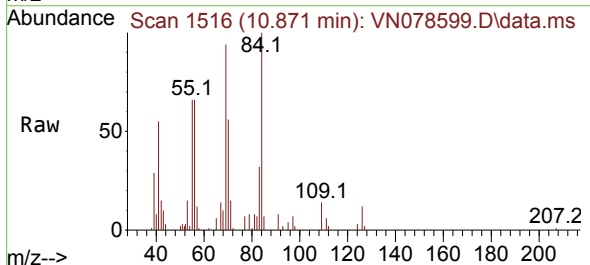


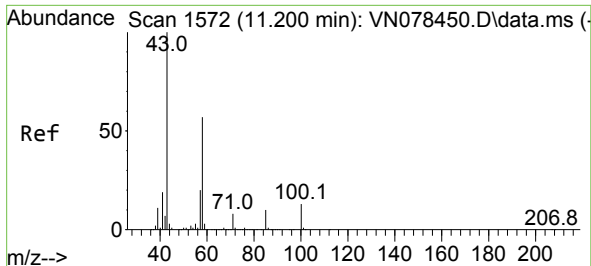
Tgt Ion: 97 Resp: 70472
Ion Ratio Lower Upper
97 100
83 9.7 65.1 97.7#
85 5.3 43.4 65.2#
99 0.4 49.2 73.8#



#56
Ethyl methacrylate
Concen: 4.854 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.011 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

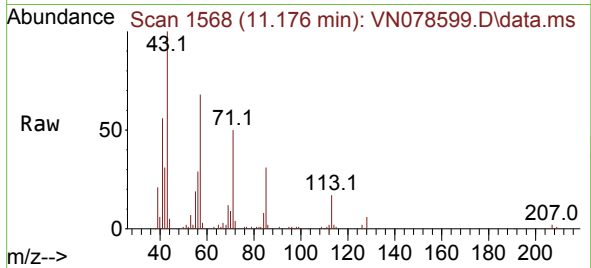
Tgt Ion: 69 Resp: 35261
Ion Ratio Lower Upper
69 100
41 62.2 39.6 59.4#
39 32.9 28.6 43.0



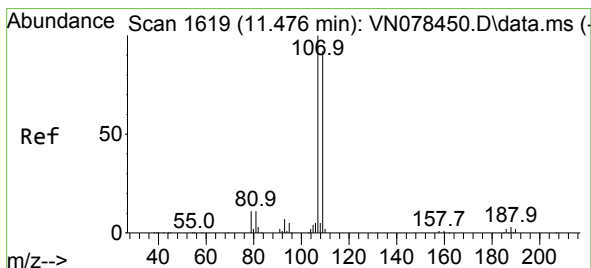
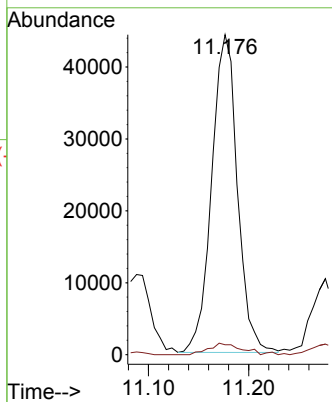
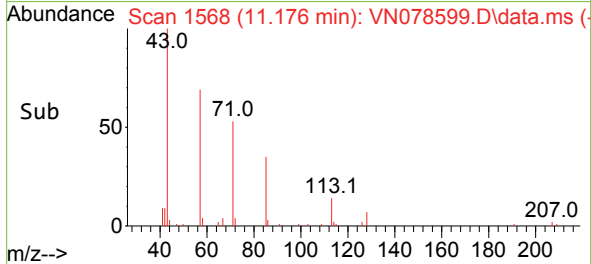


#59
2-Hexanone
Concen: 18.875 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.024 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Instrument :
MSVOA_N
ClientSampleId :

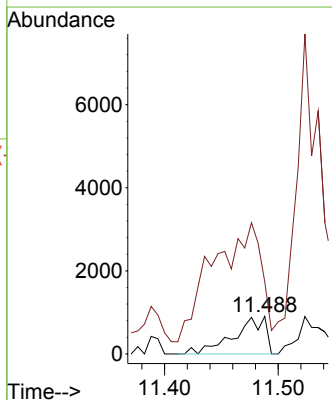
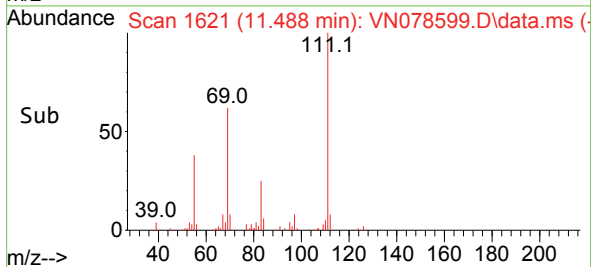
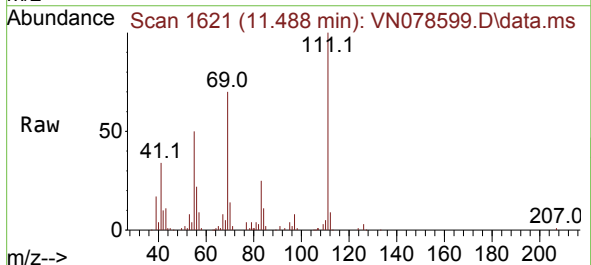


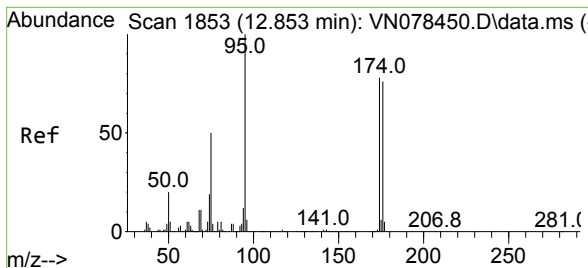
Tgt Ion: 43 Resp: 78671
Ion Ratio Lower Upper
43 100
58 4.5 31.7 95.1#



#61
1,2-Dibromoethane
Concen: 0.325 ug/l
RT: 11.488 min Scan# 1621
Delta R.T. 0.012 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Tgt Ion: 107 Resp: 1739
Ion Ratio Lower Upper
107 100
109 227.9 76.6 114.8#

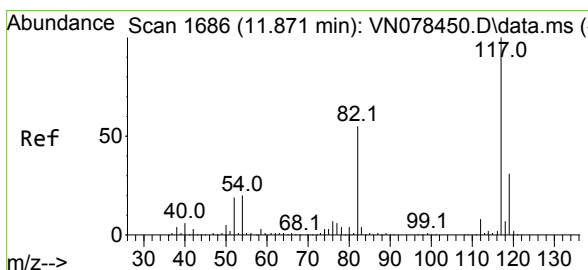
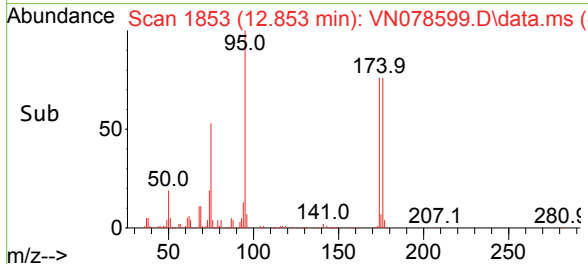
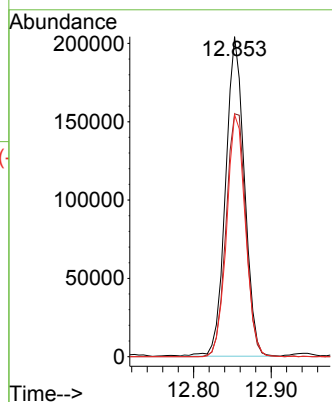
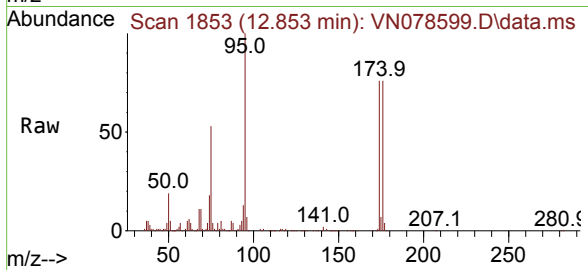




#62
4-Bromofluorobenzene
Concen: 59.646 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

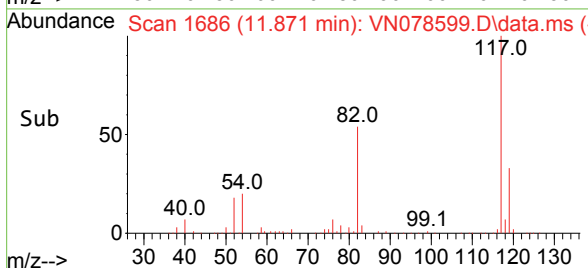
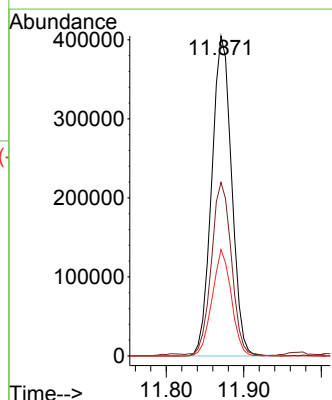
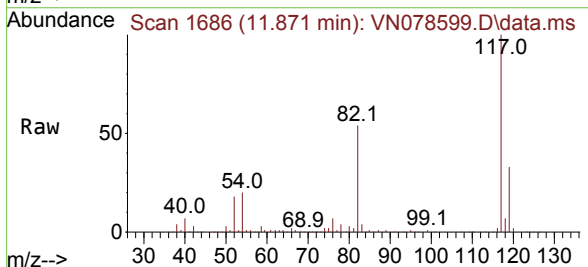
Instrument :
MSVOA_N
ClientSampleId :

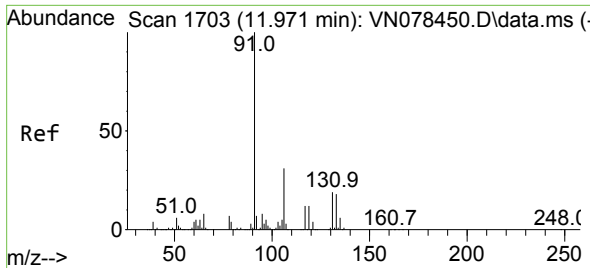
Tgt Ion: 95 Resp: 345315
Ion Ratio Lower Upper
95 100
174 79.6 0.0 143.8
176 75.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Tgt Ion: 117 Resp: 722253
Ion Ratio Lower Upper
117 100
82 53.7 44.0 66.0
119 33.2 25.6 38.4

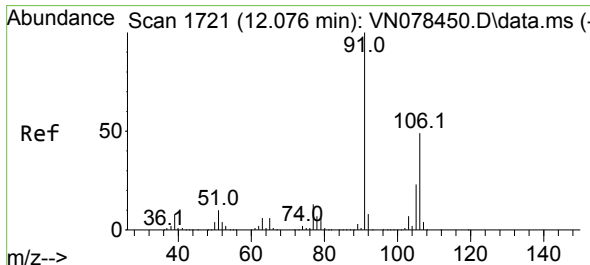
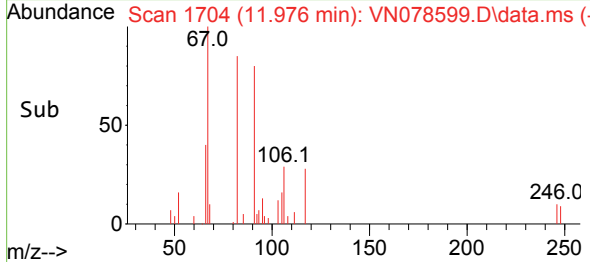
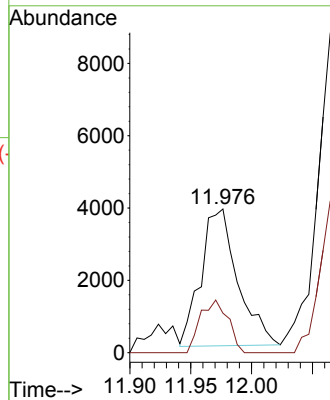
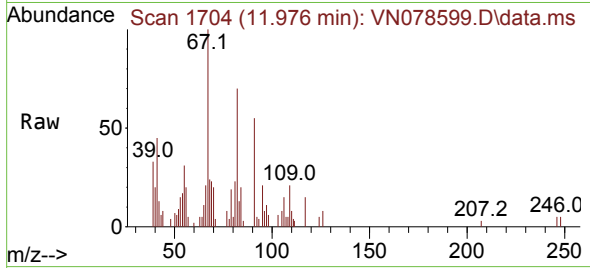




#67
Ethyl Benzene
Concen: 0.292 ug/l
RT: 11.976 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

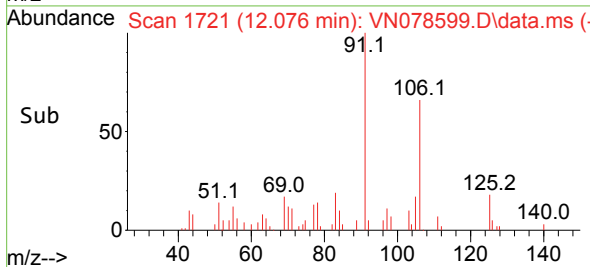
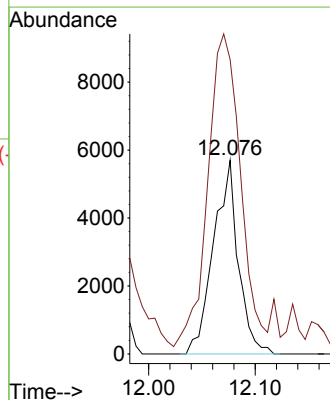
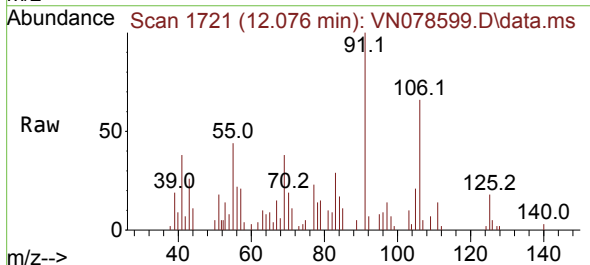
Instrument :
MSVOA_N
ClientSampleId :

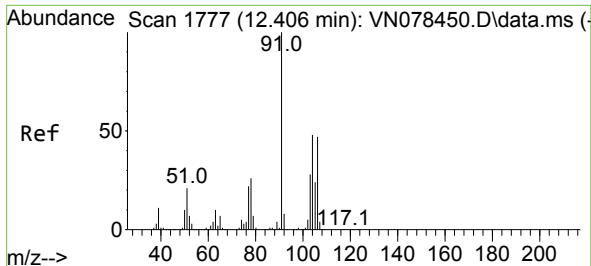
Tgt Ion: 91 Resp: 7973
Ion Ratio Lower Upper
91 100
106 29.1 25.6 38.4



#68
m/p-Xylenes
Concen: 0.909 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Tgt Ion: 106 Resp: 9173
Ion Ratio Lower Upper
106 100
91 212.0 159.6 239.4

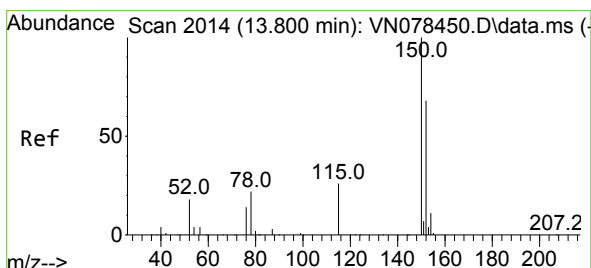
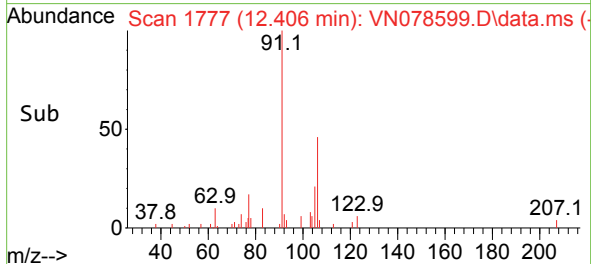
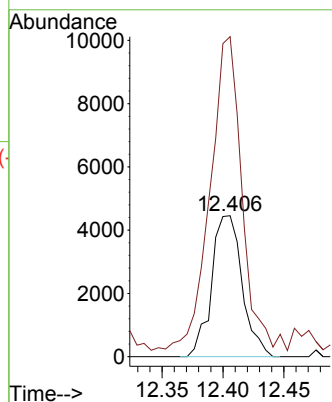
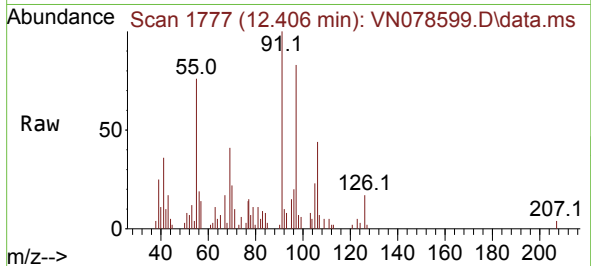




#69
o-Xylene
Concen: 0.763 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

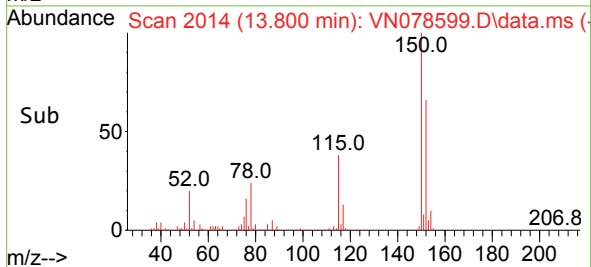
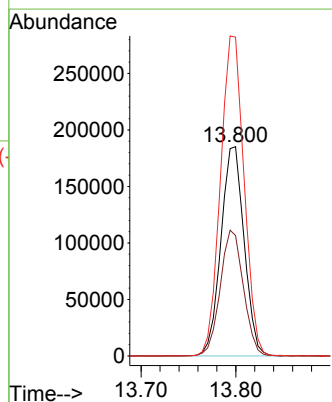
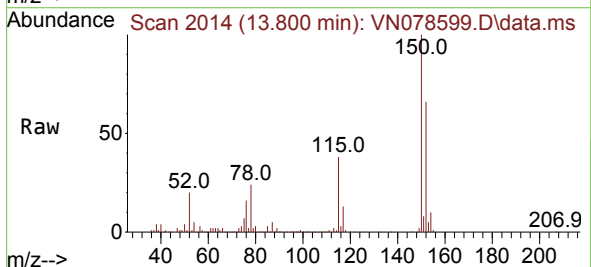
Instrument :
MSVOA_N
ClientSampleId :

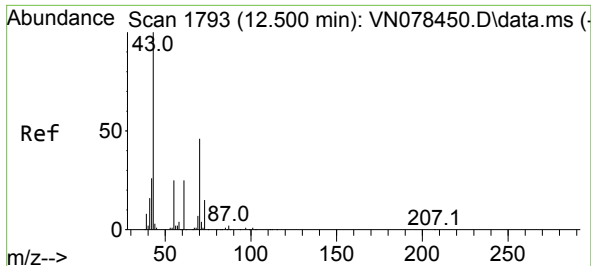
Tgt Ion:106 Resp: 7772
Ion Ratio Lower Upper
106 100
91 225.2 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

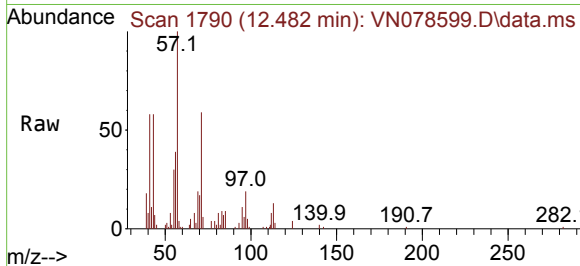
Tgt Ion:152 Resp: 316028
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 155.2 0.0 355.8



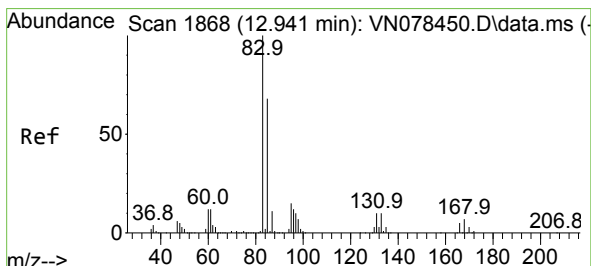
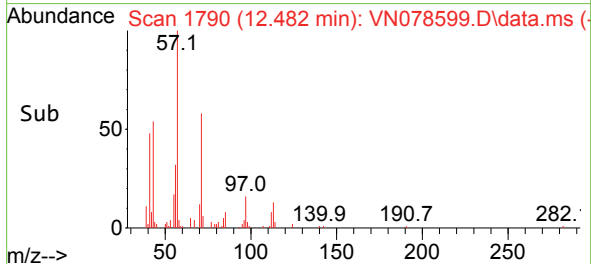
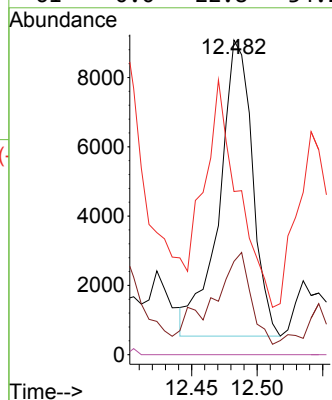


#74
N-amy1 acetate
Concen: 1.469 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.018 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Instrument :
MSVOA_N
ClientSampleId :

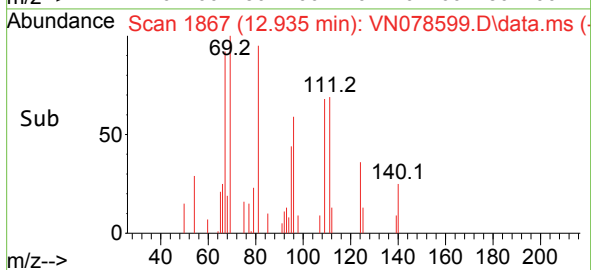
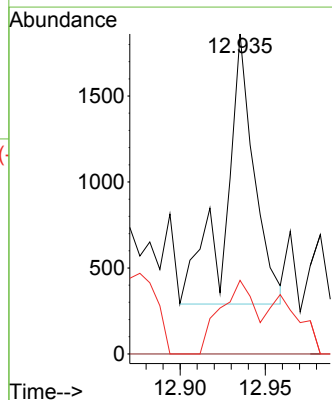
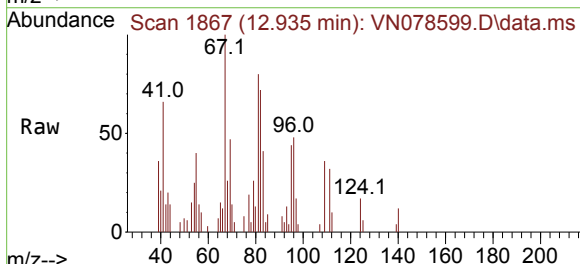


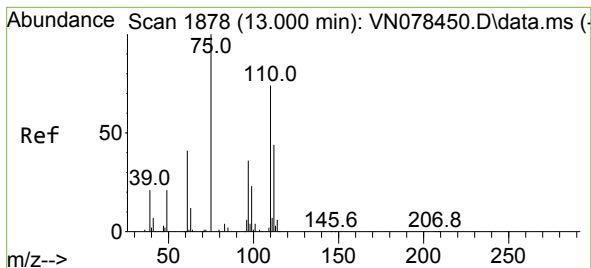
Tgt Ion: 43	Resp: 15037
Ion Ratio	Lower Upper
43	100
70	35.8 43.4 65.2#
55	77.5 21.4 32.0#
61	0.0 22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Tgt Ion: 83	Resp: 1858
Ion Ratio	Lower Upper
83	100
131	0.0 5.0 15.0#
85	32.7 31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 23.976 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078599.D

Acq: 20 Jul 2023 17:34

Instrument :

MSVOA_N

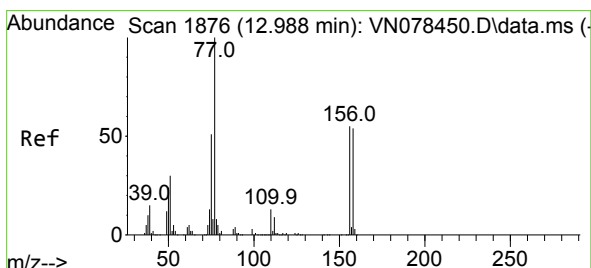
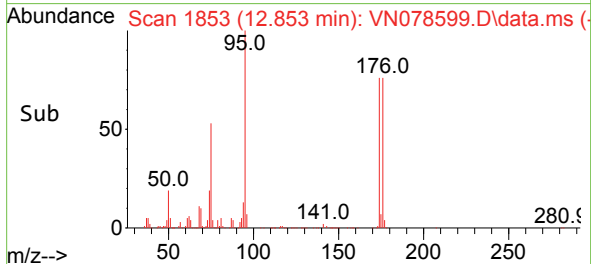
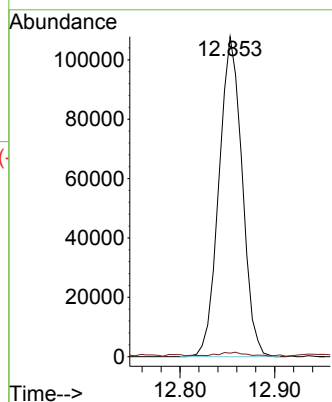
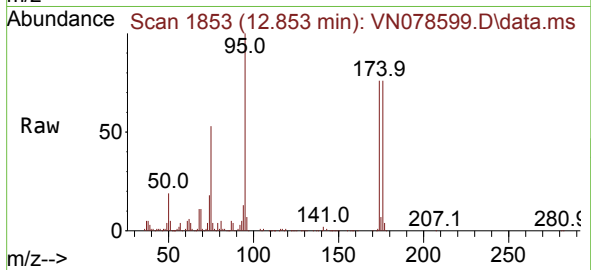
ClientSampleId :

Tgt Ion: 75 Resp: 183151

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#77

Bromobenzene

Concen: Below Cal

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078599.D

Acq: 20 Jul 2023 17:34

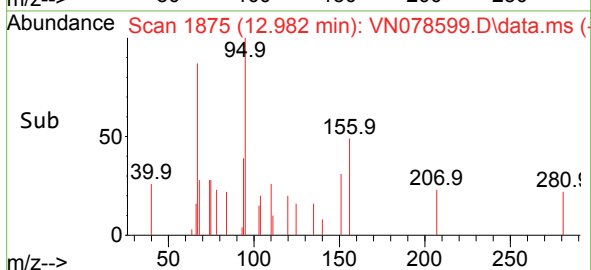
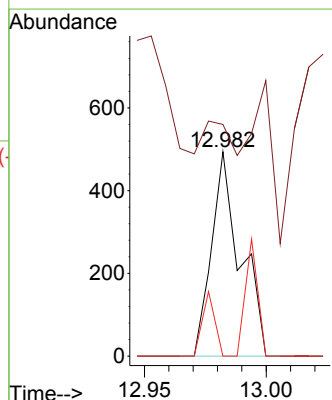
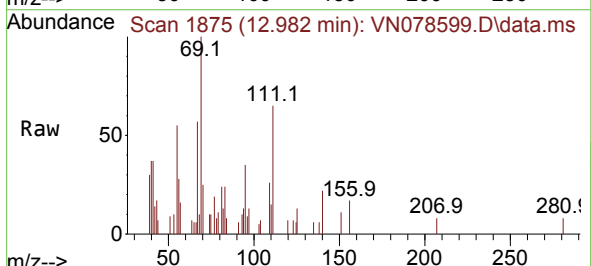
Tgt Ion:156 Resp: 406

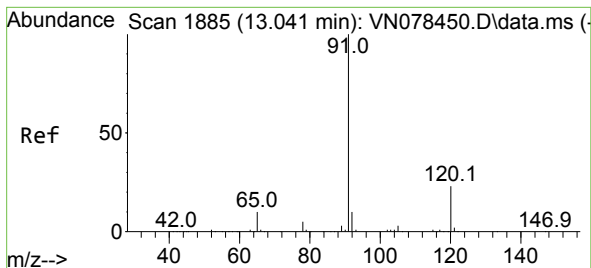
Ion Ratio Lower Upper

156 100

77 0.0 107.7 323.3#

158 13.5 48.4 145.3#





#78

n-propylbenzene

Concen: 0.288 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078599.D

Acq: 20 Jul 2023 17:34

Instrument :

MSVOA_N

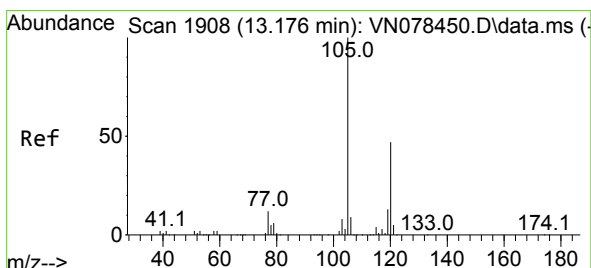
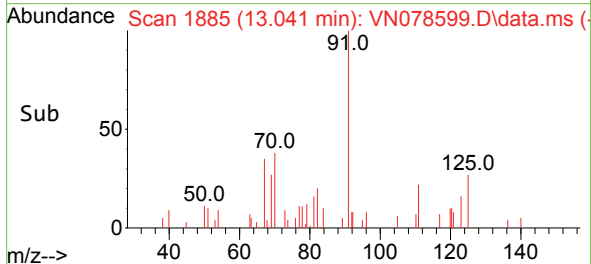
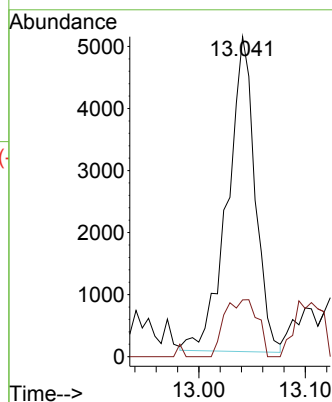
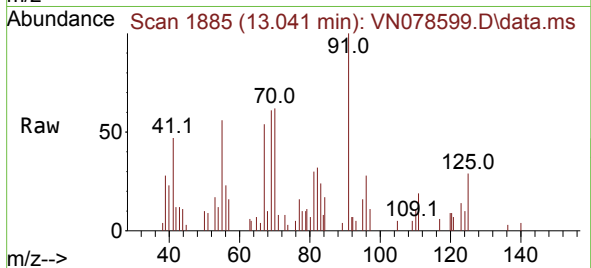
ClientSampleId :

Tgt Ion: 91 Resp: 9148

Ion Ratio Lower Upper

91 100

120 21.7 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 0.261 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078599.D

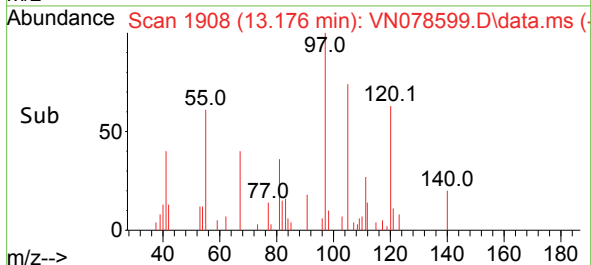
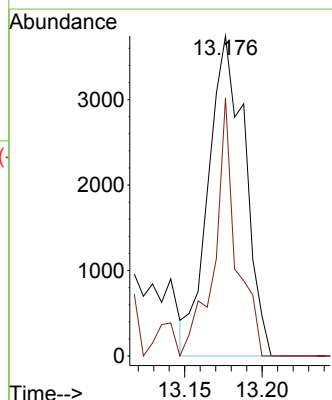
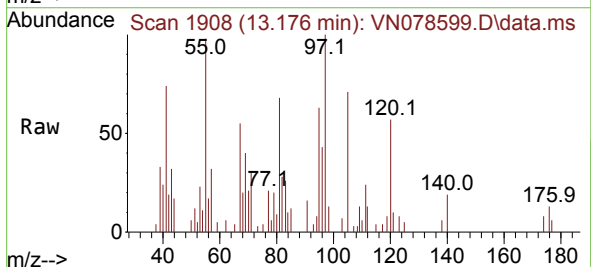
Acq: 20 Jul 2023 17:34

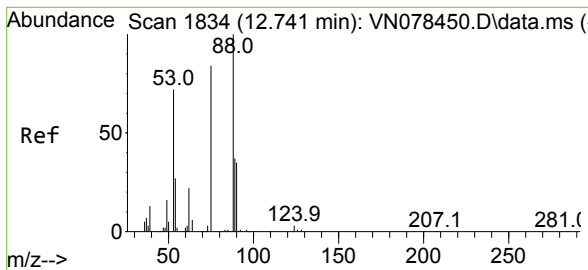
Tgt Ion: 105 Resp: 6116

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.3

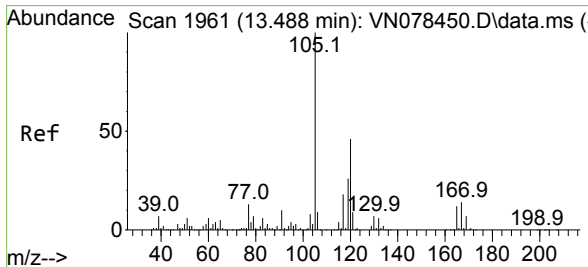
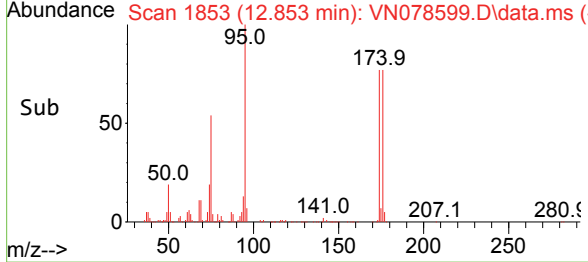
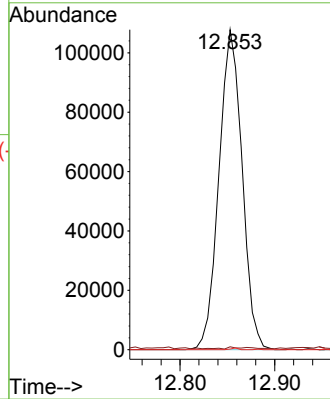
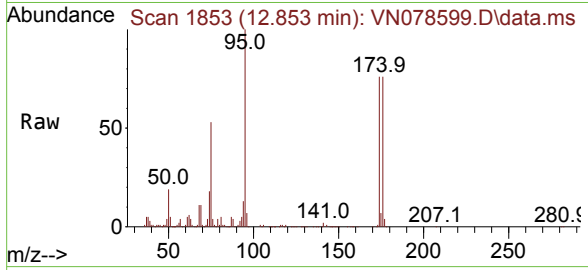




#81
trans-1,4-Dichloro-2-butene
Concen: 63.006 ug/l
RT: 12.853 min Scan# 1834
Delta R.T. 0.112 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

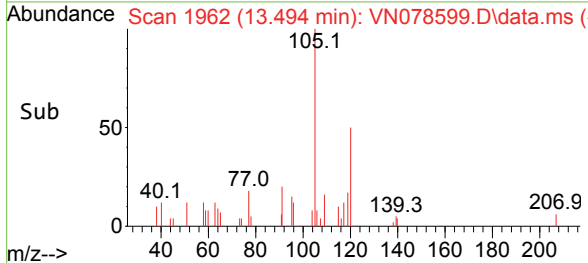
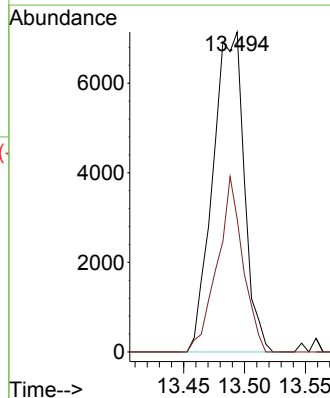
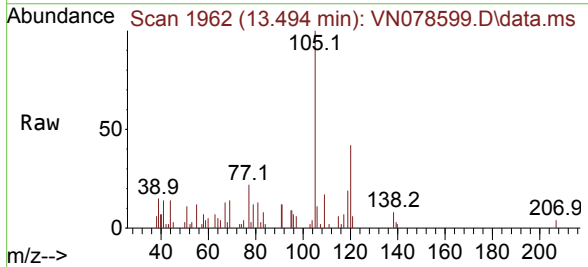
Instrument :
MSVOA_N
ClientSampleId :

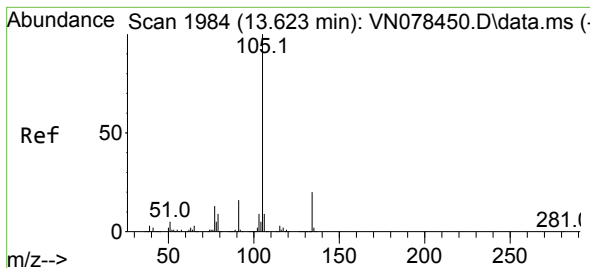
Tgt Ion: 75 Resp: 183151
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.2 38.8 58.2#



#84
1,2,4-Trimethylbenzene
Concen: 0.560 ug/l
RT: 13.494 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

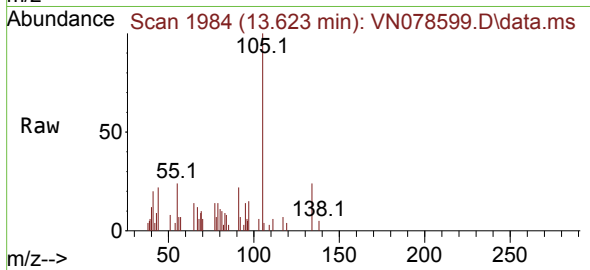
Tgt Ion: 105 Resp: 12773
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0



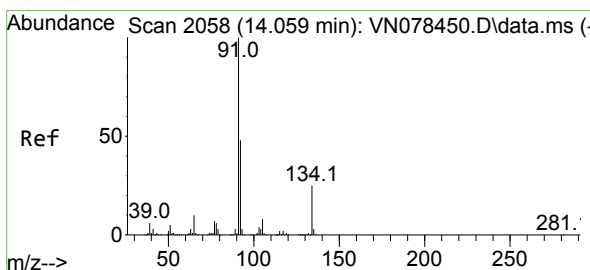
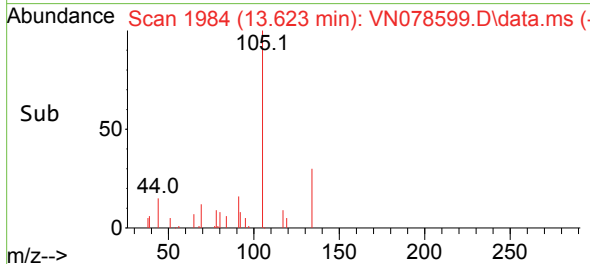
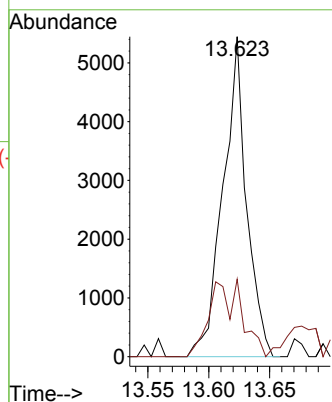


#85
 sec-Butylbenzene
 Concen: 0.292 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078599.D
 Acq: 20 Jul 2023 17:34

Instrument :
 MSVOA_N
 ClientSampleId :

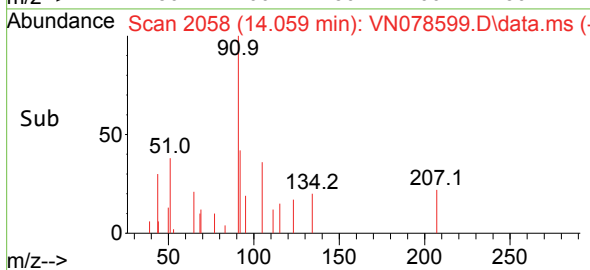
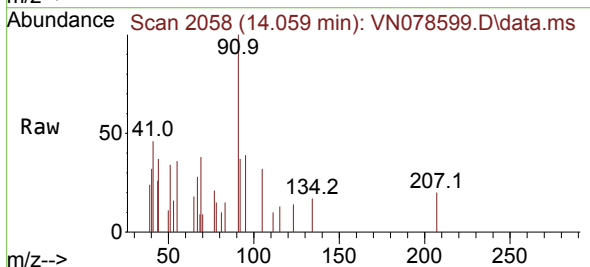
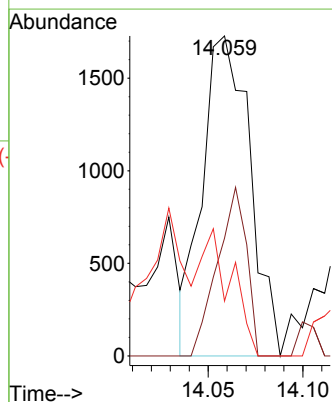


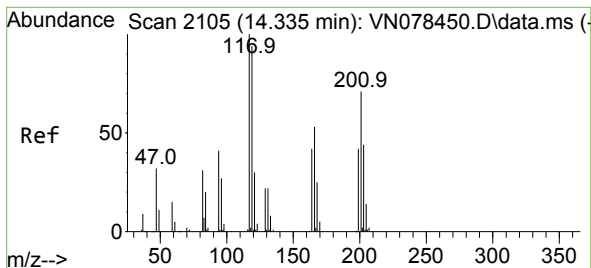
Tgt Ion:105 Resp: 7340
 Ion Ratio Lower Upper
 105 100
 134 32.4 9.8 29.3#



#89
 n-Butylbenzene
 Concen: 0.208 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VN078599.D
 Acq: 20 Jul 2023 17:34

Tgt Ion: 91 Resp: 3014
 Ion Ratio Lower Upper
 91 100
 92 32.3 26.4 79.0
 134 25.8 12.6 37.6





#90

Hexachloroethane

Concen: Below Cal

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN078599.D

Acq: 20 Jul 2023 17:34

Instrument :

MSVOA_N

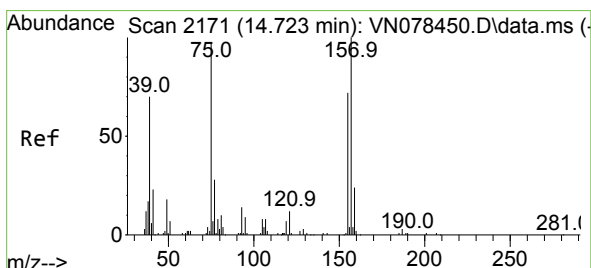
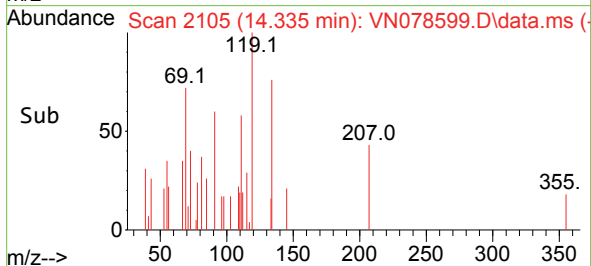
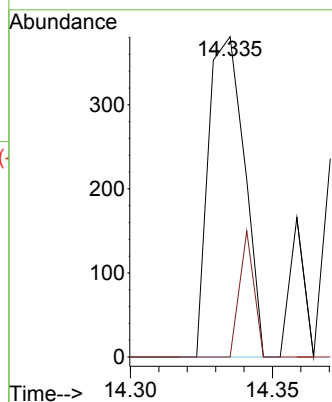
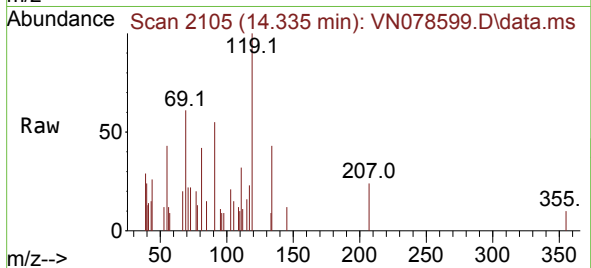
ClientSampleId :

Tgt Ion:117 Resp: 334

Ion Ratio Lower Upper

117 100

201 15.9 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN078599.D

Acq: 20 Jul 2023 17:34

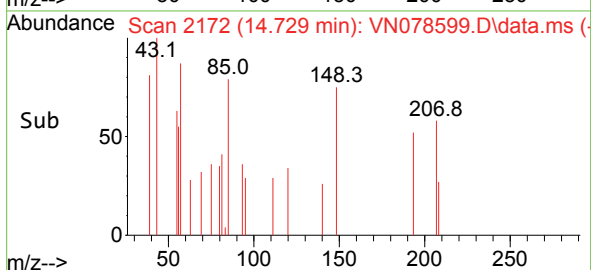
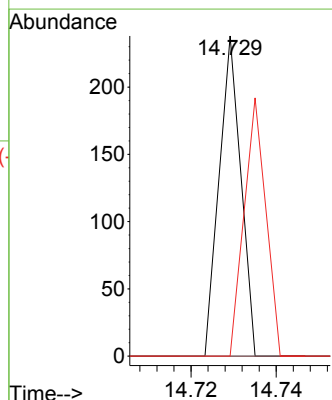
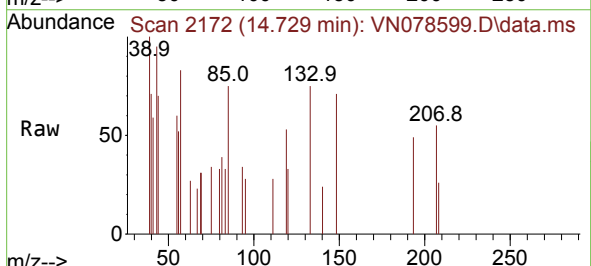
Tgt Ion: 75 Resp: 84

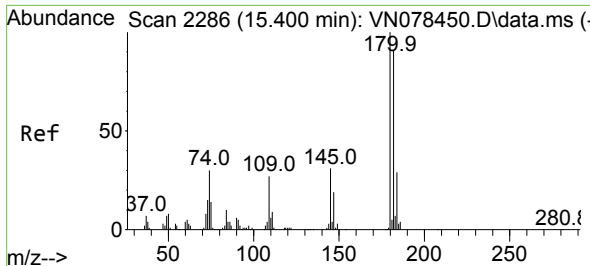
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

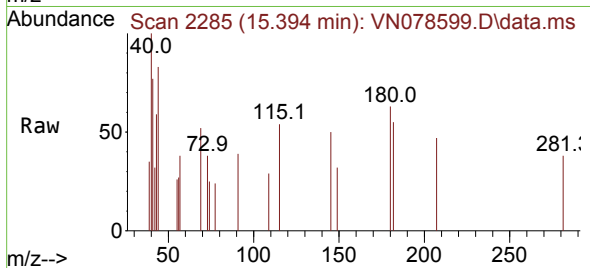
157 81.0 50.3 150.9



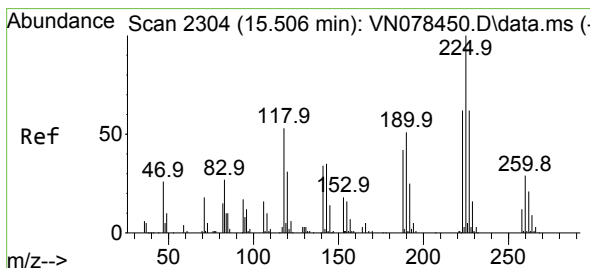
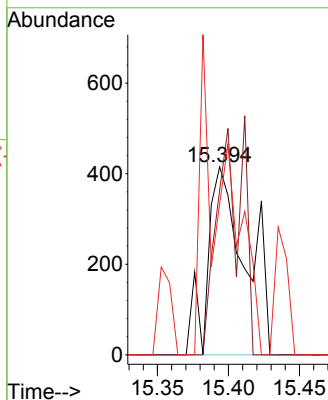
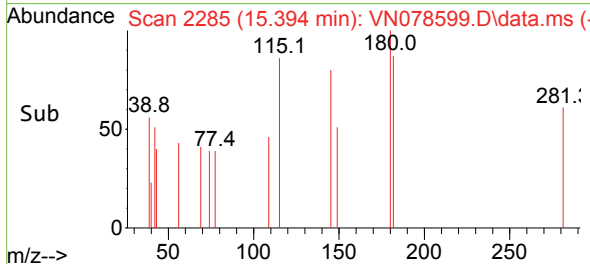


#93
1,2,4-Trichlorobenzene
Concen: 0.214 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

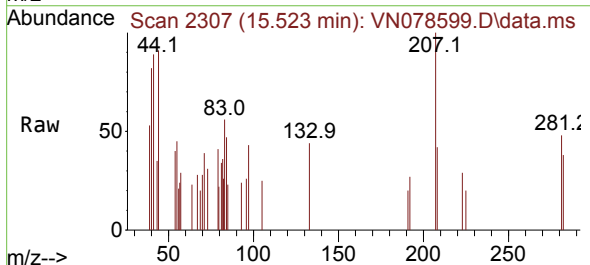
Instrument :
MSVOA_N
ClientSampleId :



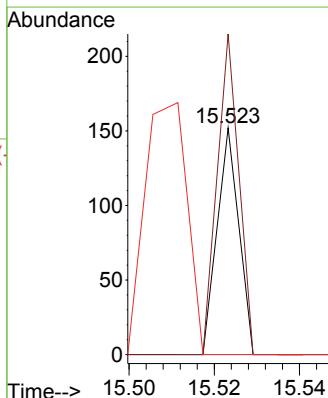
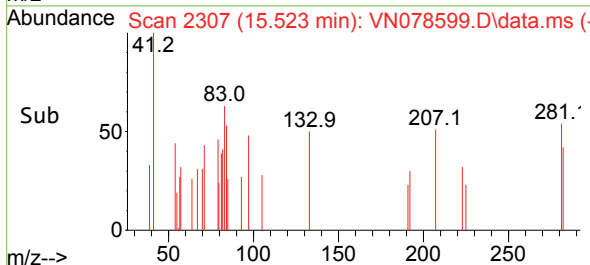
Tgt Ion:180 Resp: 776
Ion Ratio Lower Upper
180 100
182 0.0 46.1 138.2#
145 56.2 16.6 49.8#

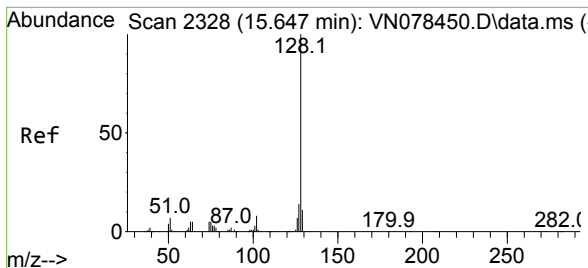


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.523 min Scan# 2307
Delta R.T. 0.017 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34



Tgt Ion:225 Resp: 54
Ion Ratio Lower Upper
225 100
223 140.7 31.3 93.8#
227 214.8 31.9 95.9#

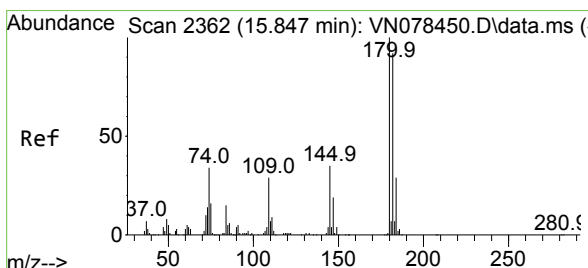
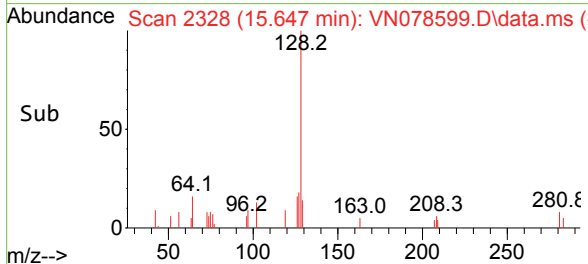
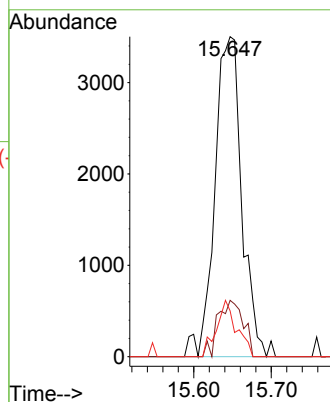
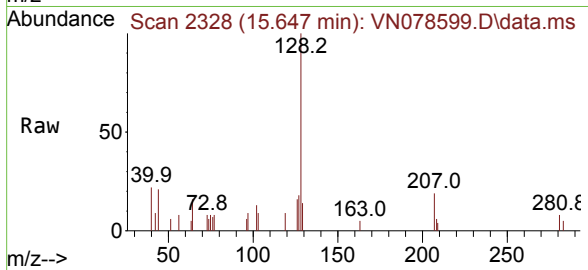




#95
Naphthalene
Concen: 0.685 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 8480
Ion Ratio Lower Upper
128 100
127 16.5 10.0 15.0#
129 13.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.207 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078599.D
Acq: 20 Jul 2023 17:34

Tgt Ion:180 Resp: 862
Ion Ratio Lower Upper
180 100
182 45.6 46.2 138.6#
145 25.2 17.5 52.6

