

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076480.D
 Acq On : 31 Jan 2023 12:11
 Operator : JC\MD
 Sample : 01345-01
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200007

Quant Time: Feb 01 00:47:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	389548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	632736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	533616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	229637	52.648	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.300%			
35) Dibromofluoromethane	8.171	113	192707	48.688	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.380%			
50) Toluene-d8	10.565	98	723822	49.518	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.040%			
62) 4-Bromofluorobenzene	12.853	95	234432	49.127	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.260%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1096	0.265	ug/l	94
11) Tert butyl alcohol	5.518	59	3909	6.700	ug/l #	72
13) Acrolein	4.183	56	332	0.476	ug/l #	37
15) Acrylonitrile	5.747	53	743	0.448	ug/l #	47
16) Acetone	4.459	43	13509	9.591	ug/l	96
18) Methyl Acetate	5.047	43	5983	1.263	ug/l #	68
19) Methyl tert-butyl Ether	5.806	73	4751	0.391	ug/l #	83
20) Methylene Chloride	5.271	84	3921	0.349	ug/l #	93
25) 2-Butanone	7.500	43	7244	3.392	ug/l #	79
29) Tetrahydrofuran	7.871	42	674	0.511	ug/l #	31
31) Cyclohexane	8.224	56	8696	1.298	ug/l #	5
36) 1,1-Dichloropropene	8.224	75	30361	5.398	ug/l #	49
37) Ethyl Acetate	7.500	43	7244	1.641	ug/l #	71
38) Carbon Tetrachloride	8.224	117	40713	6.491	ug/l #	16
39) Methylcyclohexane	9.600	83	2131	0.310	ug/l #	87
43) Isopropyl Acetate	8.747	43	5184	0.706	ug/l #	51
47) Bromodichloromethane	9.600	83	1352	0.229	ug/l #	25
48) Methyl methacrylate	9.653	41	1242	0.357	ug/l #	6
51) 4-Methyl-2-Pentanone	10.447	43	2299	0.534	ug/l	96
52) Toluene	10.629	92	12065	1.073	ug/l	100
55) 1,1,2-Trichloroethane	11.000	97	1850	0.430	ug/l #	15
59) 2-Hexanone	11.206	43	4947	1.585	ug/l	74
67) Ethyl Benzene	11.965	91	11673	0.605	ug/l	91
68) m/p-Xylenes	12.065	106	15066	1.946	ug/l	97
69) o-Xylene	12.400	106	8295	1.091	ug/l	95
71) Bromoform	12.853	173	1387	0.458	ug/l #	1
73) Isopropylbenzene	12.700	105	5102	0.276	ug/l	95
74) N-amyl acetate	12.459	43	2895	0.544	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.929	83	1545	0.291	ug/l #	31
76) 1,2,3-Trichloropropane	12.853	75	125101	28.325	ug/l #	1
77) Bromobenzene	12.982	156	804	Below Cal	#	43
78) n-propylbenzene	13.041	91	12204	0.585	ug/l	96
79) 2-Chlorotoluene	13.129	91	2864	0.224	ug/l	73
80) 1,3,5-Trimethylbenzene	13.176	105	17477	1.128	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.853	75	125101	87.102	ug/l #	12
82) 4-Chlorotoluene	13.129	91	2864	0.224	ug/l	73

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

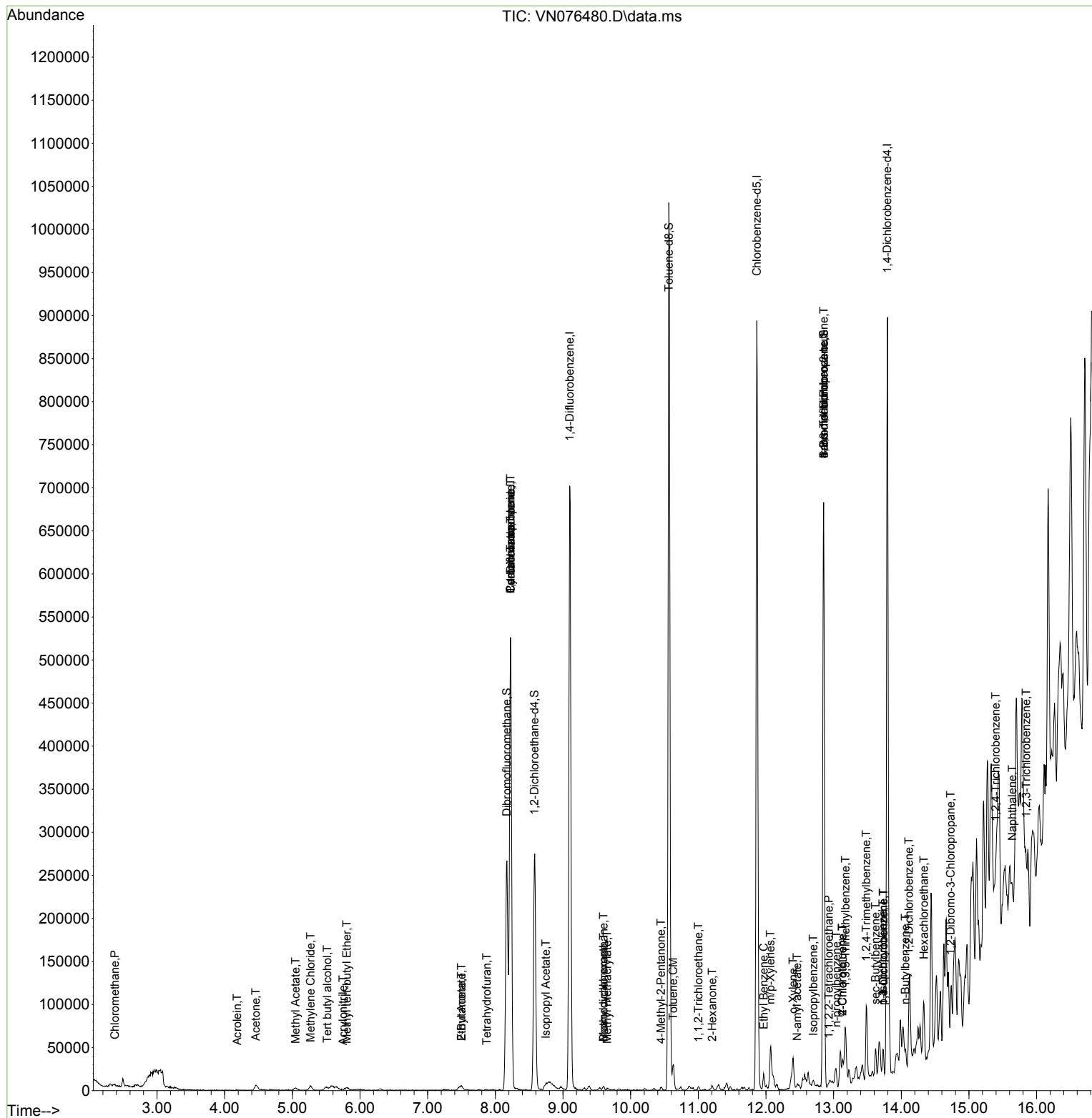
84) 1,2,4-Trimethylbenzene	13.482	105	51306	3.304	ug/l	100
85) sec-Butylbenzene	13.617	105	17854	0.934	ug/l	83
86) p-Isopropyltoluene	13.729	119	14380	0.915	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	2664	0.306	ug/l	97
88) 1,4-Dichlorobenzene	13.735	146	2664	0.422	ug/l	95
89) n-Butylbenzene	14.059	91	10703	0.858	ug/l #	65
90) Hexachloroethane	14.335	117	3781	1.394	ug/l #	12
91) 1,2-Dichlorobenzene	14.112	146	3239	0.373	ug/l #	55
92) 1,2-Dibromo-3-Chloropr...	14.729	75	364	0.394	ug/l #	46
93) 1,2,4-Trichlorobenzene	15.394	180	5948	2.687	ug/l #	1
95) Naphthalene	15.641	128	53906	6.021	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.847	180	13126	4.362	ug/l #	1

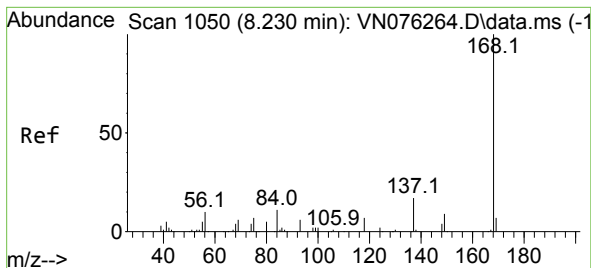
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.006 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

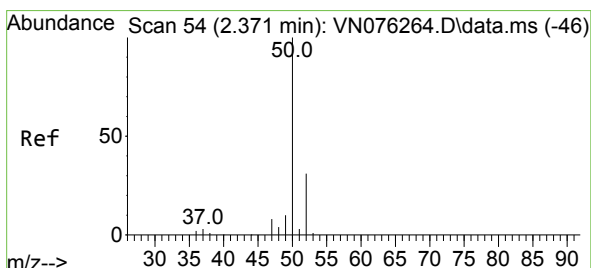
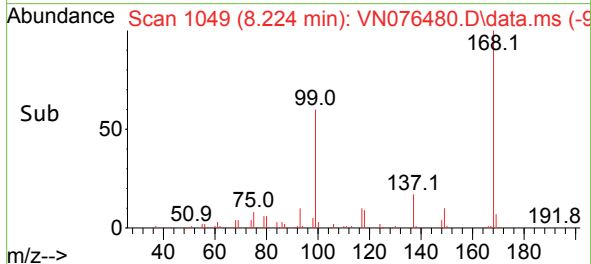
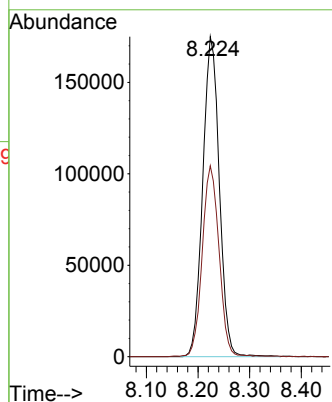
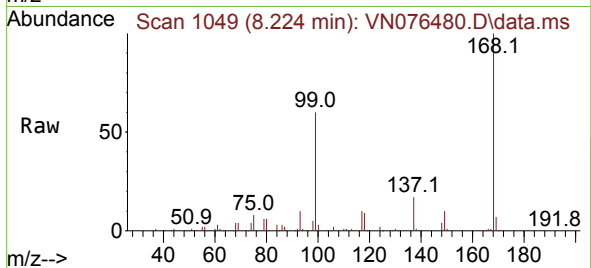
RBR200007

Tgt Ion:168 Resp: 389548

Ion Ratio Lower Upper

168 100

99 59.5 41.6 62.4



#3

Chloromethane

Concen: 0.265 ug/l

RT: 2.377 min Scan# 55

Delta R.T. 0.006 min

Lab File: VN076480.D

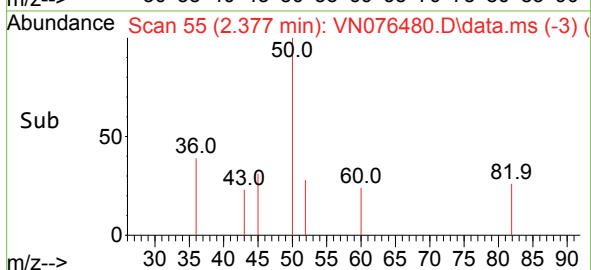
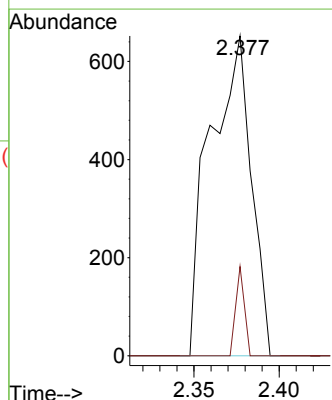
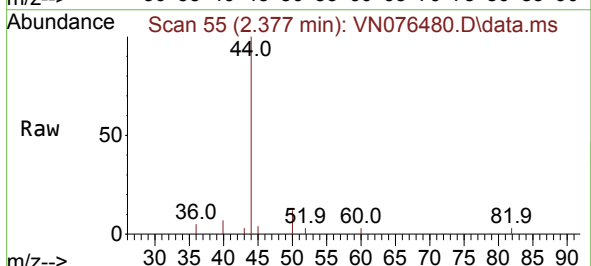
Acq: 31 Jan 2023 12:11

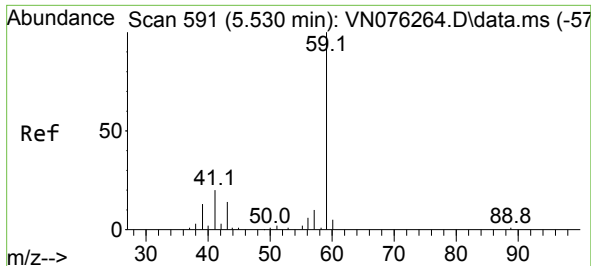
Tgt Ion: 50 Resp: 1096

Ion Ratio Lower Upper

50 100

52 27.9 24.8 37.2





#11

Tert butyl alcohol

Concen: 6.700 ug/l

RT: 5.518 min Scan# 51

Delta R.T. -0.012 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

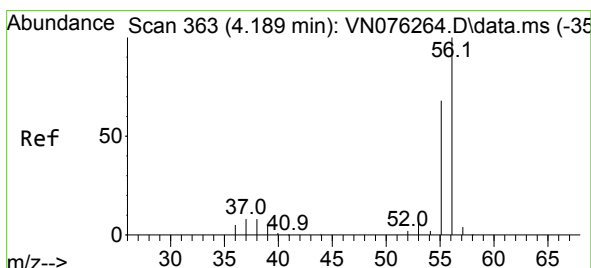
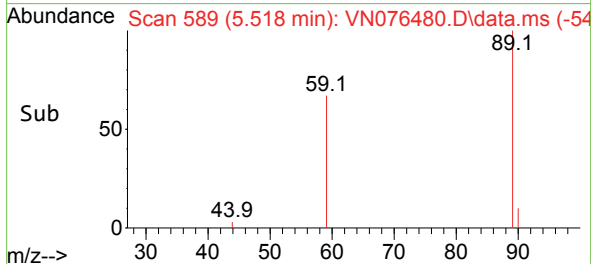
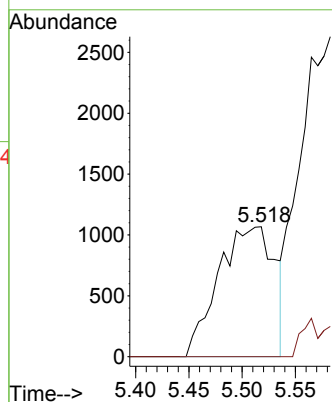
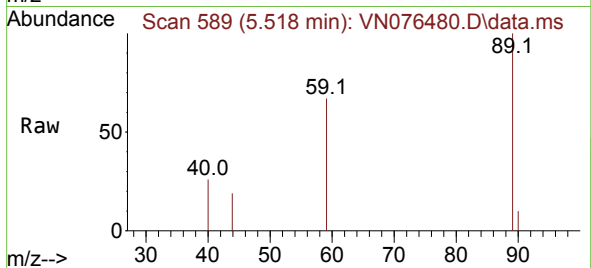
RBR200007

Tgt Ion: 59 Resp: 3909

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#13

Acrolein

Concen: 0.476 ug/l

RT: 4.183 min Scan# 362

Delta R.T. -0.006 min

Lab File: VN076480.D

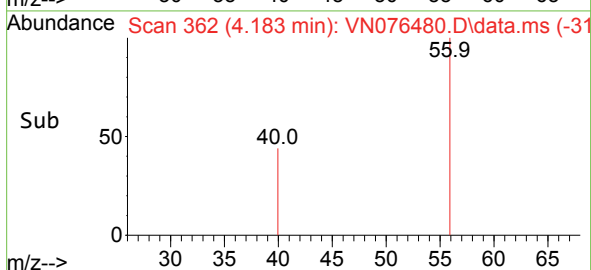
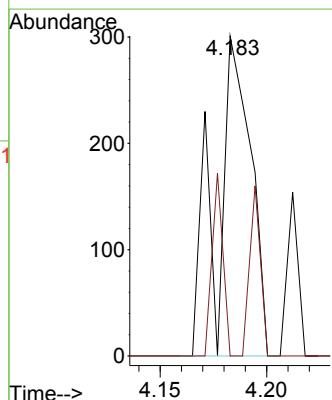
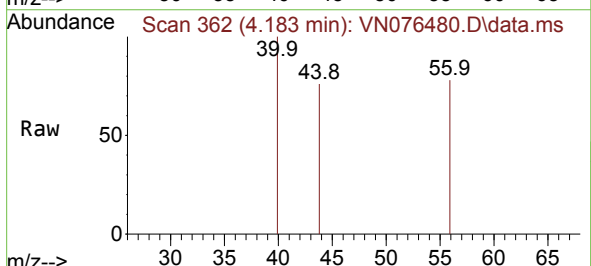
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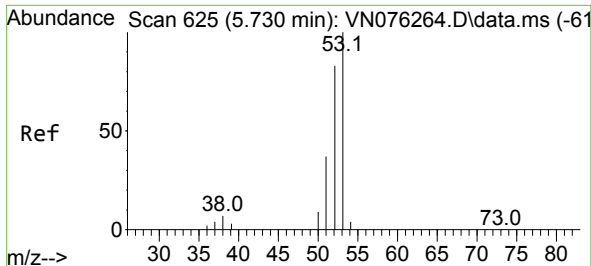
Tgt Ion: 56 Resp: 332

Ion Ratio Lower Upper

56 100

55 18.4 55.8 83.6#

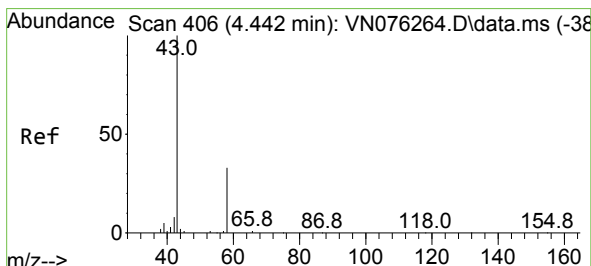
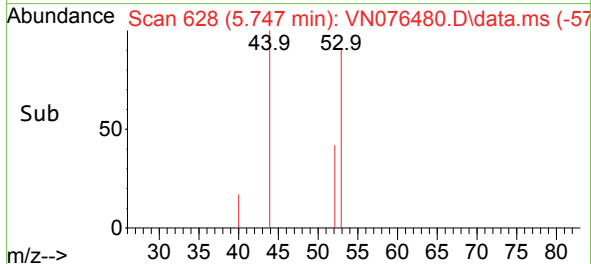
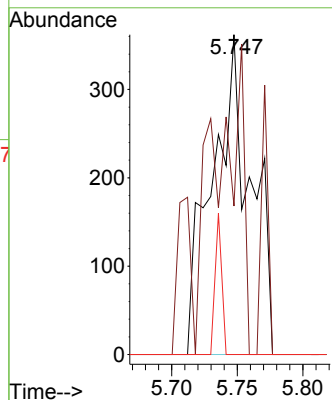
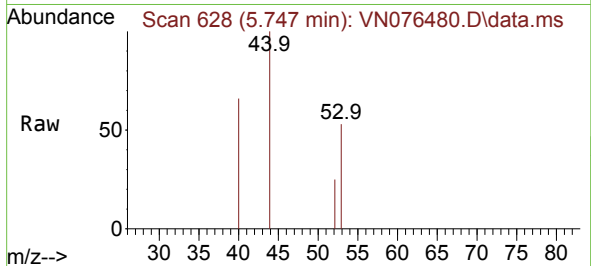




#15
Acrylonitrile
Concen: 0.448 ug/l
RT: 5.747 min Scan# 61
Delta R.T. 0.017 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

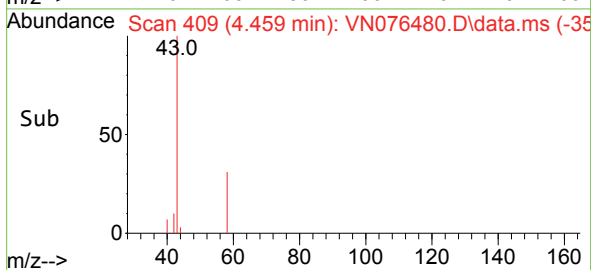
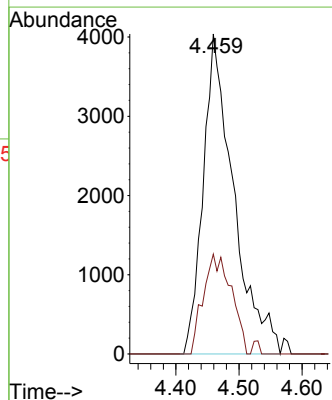
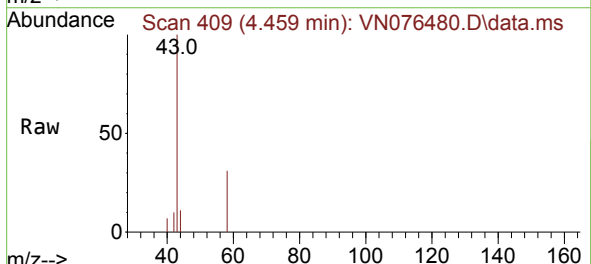
Instrument :
MSVOA_N
ClientSampleId :
RBR200007

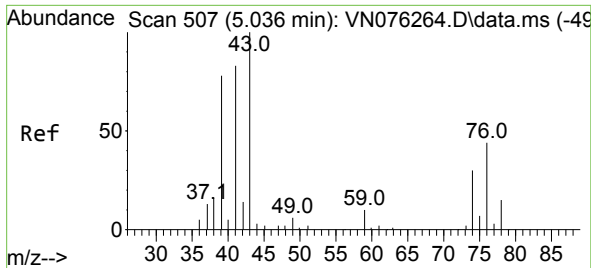
Tgt Ion: 53 Resp: 743
Ion Ratio Lower Upper
53 100
52 31.9 64.7 97.1#
51 7.5 29.2 43.8#



#16
Acetone
Concen: 9.591 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 43 Resp: 13509
Ion Ratio Lower Upper
43 100
58 31.2 26.7 40.1





#18

Methyl Acetate

Concen: 1.263 ug/l

RT: 5.047 min Scan# 507

Delta R.T. 0.011 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

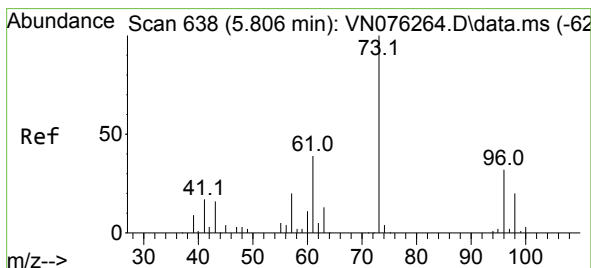
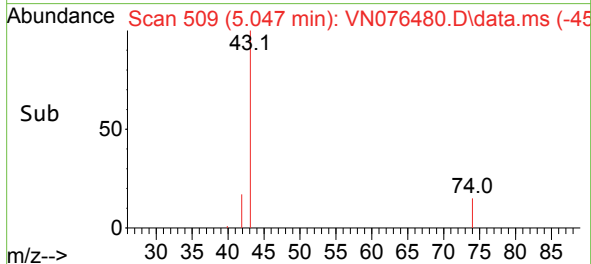
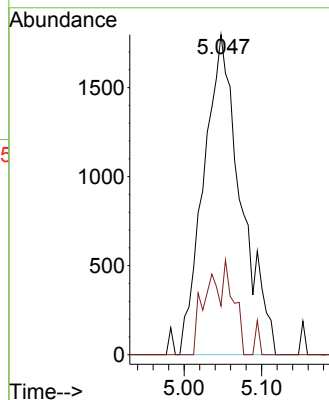
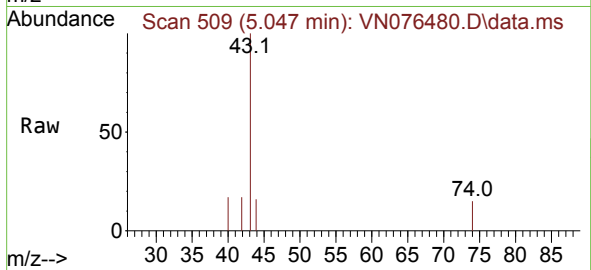
RBR200007

Tgt Ion: 43 Resp: 5983

Ion Ratio Lower Upper

43 100

74 12.1 23.3 34.9#



#19

Methyl tert-butyl Ether

Concen: 0.391 ug/l

RT: 5.806 min Scan# 638

Delta R.T. 0.000 min

Lab File: VN076480.D

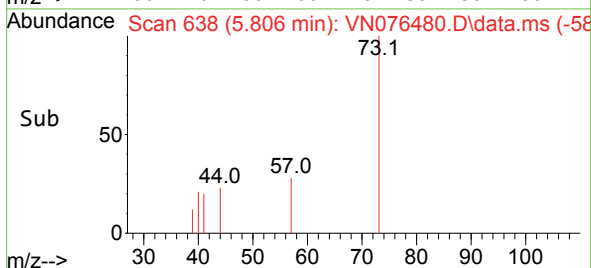
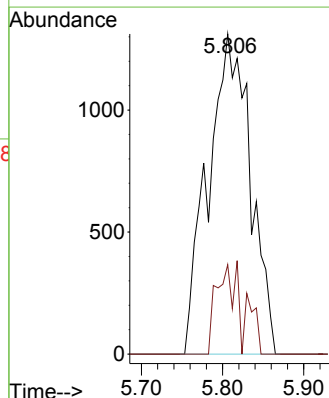
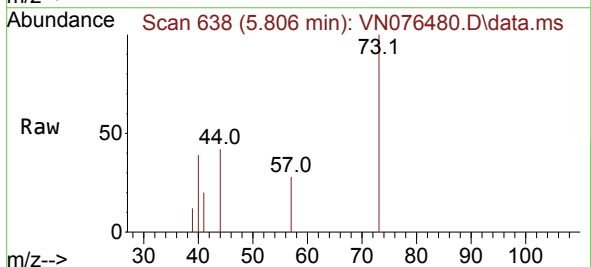
Acq: 31 Jan 2023 12:11

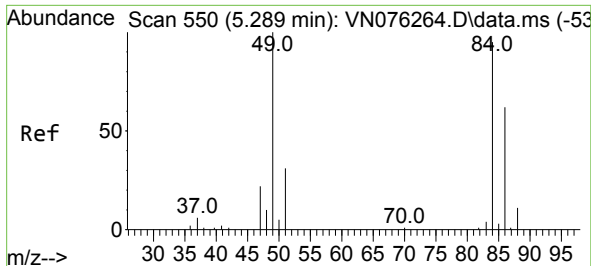
Tgt Ion: 73 Resp: 4751

Ion Ratio Lower Upper

73 100

57 27.9 15.9 23.9#

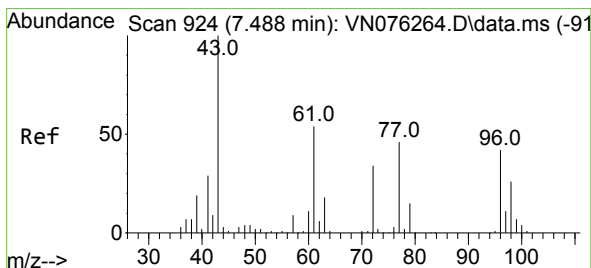
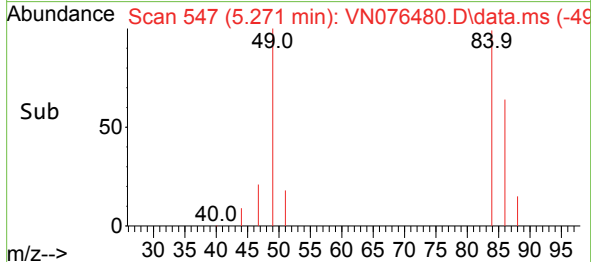
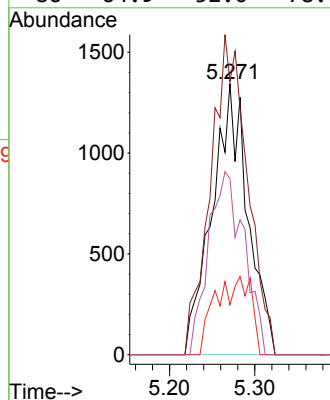
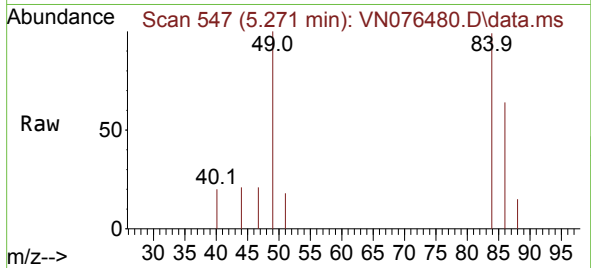




#20
Methylene Chloride
Concen: 0.349 ug/l
RT: 5.271 min Scan# 54
Delta R.T. -0.018 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

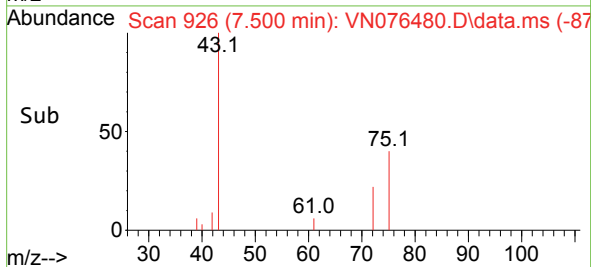
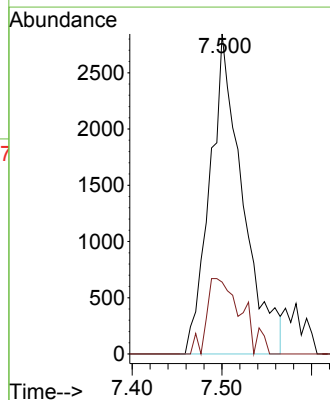
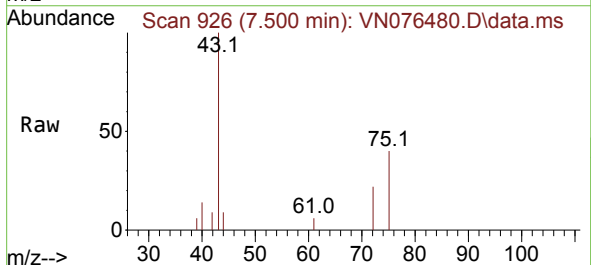
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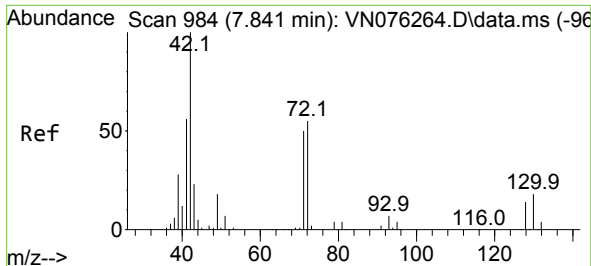
Tgt Ion: 84	Resp: 3921
Ion Ratio	Lower Upper
84 100	
49 100.7	84.5 126.7
51 18.4	26.0 39.0#
86 64.9	52.0 78.0



#25
2-Butanone
Concen: 3.392 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 43	Resp: 7244		
Ion Ratio	Lower	Upper	
43 100			
72 22.5	27.4	41.2#	

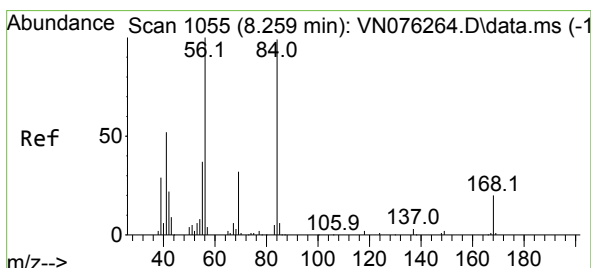
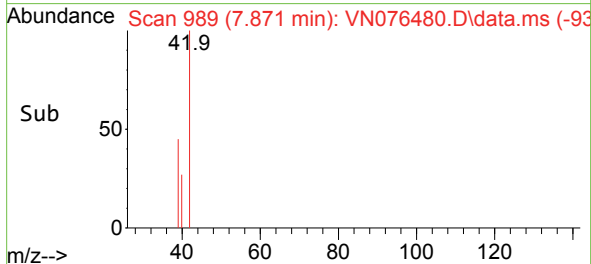
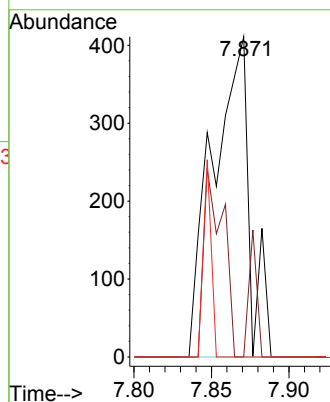
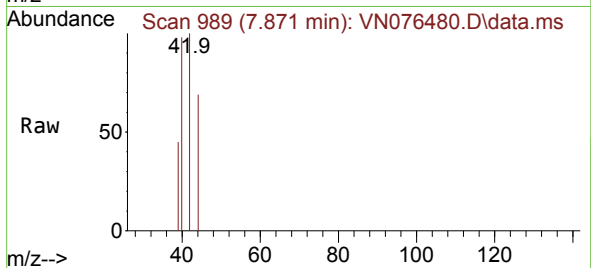




#29
Tetrahydrofuran
Concen: 0.511 ug/l
RT: 7.871 min Scan# 91
Delta R.T. 0.030 min
Lab File: VN076480.D
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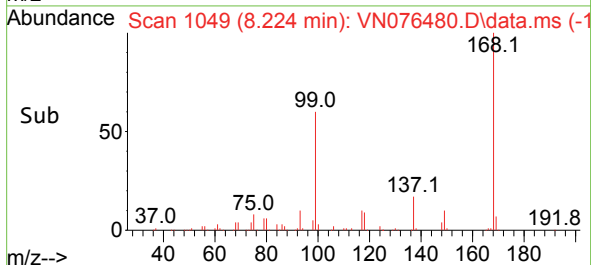
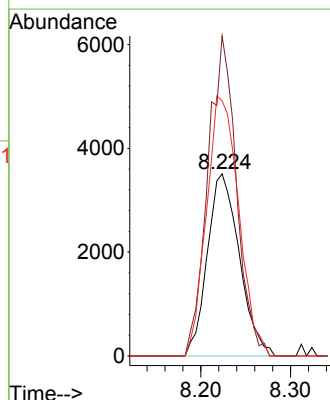
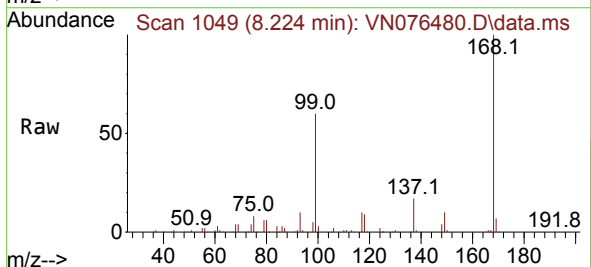
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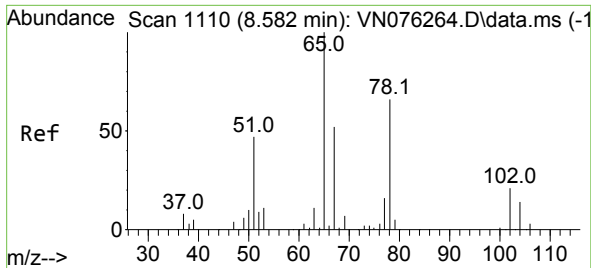
Tgt Ion: 42 Resp: 674
Ion Ratio Lower Upper
42 100
72 8.6 44.0 66.0#
71 0.0 41.1 61.7#



#31
Cyclohexane
Concen: 1.298 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 56 Resp: 8696
Ion Ratio Lower Upper
56 100
69 175.7 25.8 38.8#
84 140.1 79.0 118.4#





#33

1,2-Dichloroethane-d4

Concen: 52.648 ug/l

RT: 8.577 min Scan# 1109

Delta R.T. -0.005 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

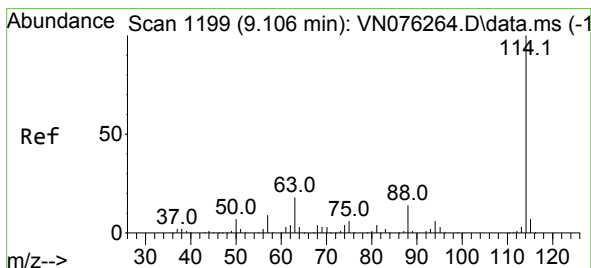
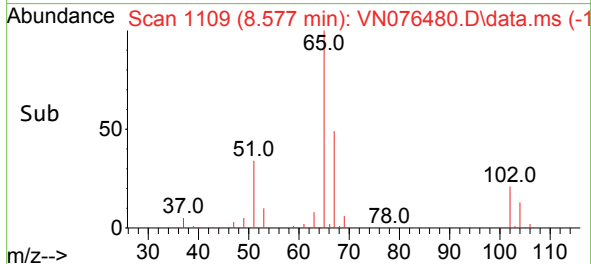
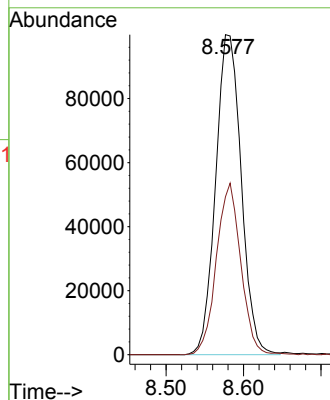
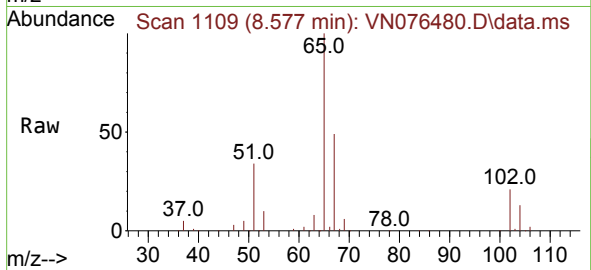
RBR200007

Tgt Ion: 65 Resp: 229637

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

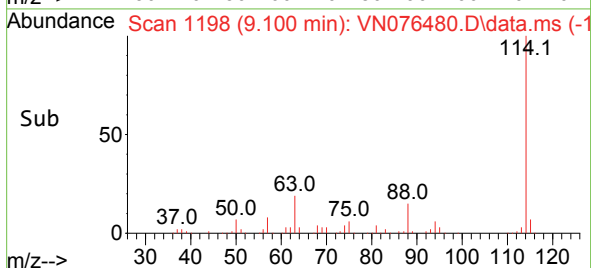
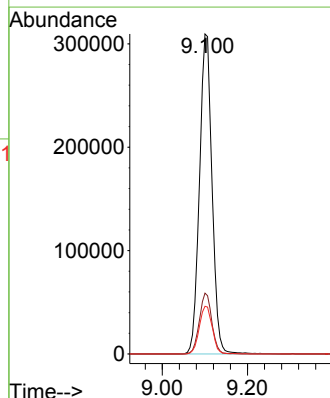
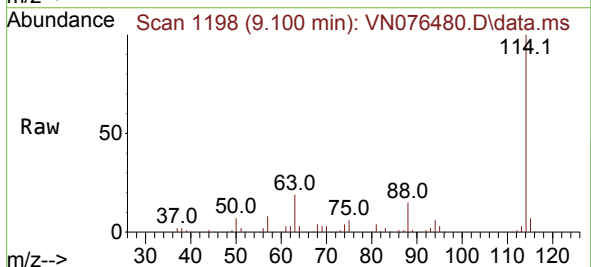
Tgt Ion: 114 Resp: 632736

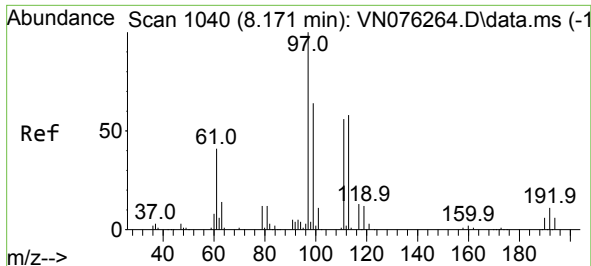
Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.8

88 14.9 0.0 28.0

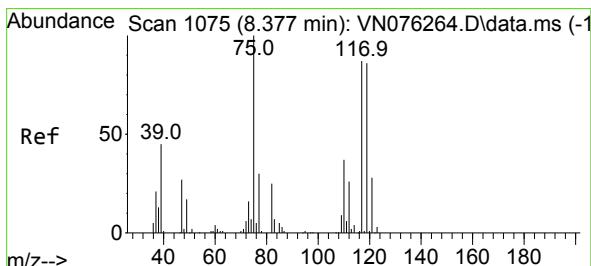
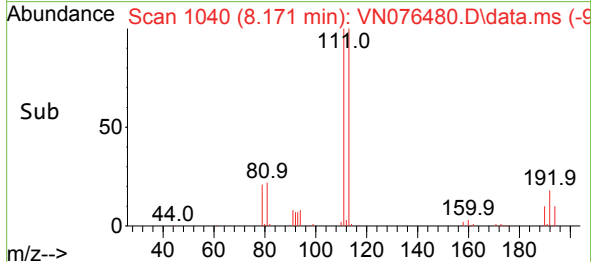
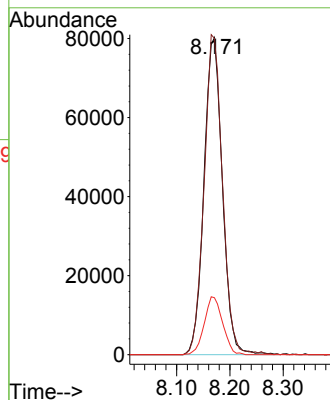
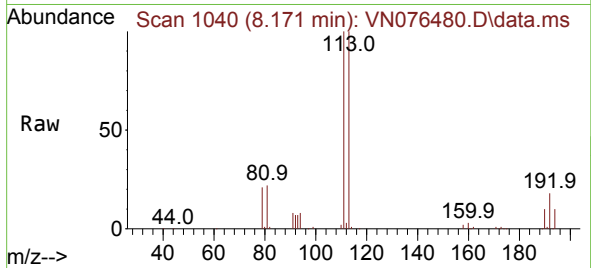




#35
Dibromofluoromethane
Concen: 48.688 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

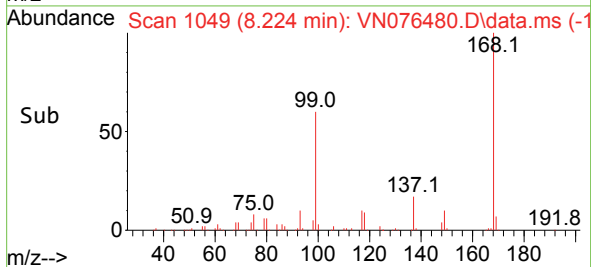
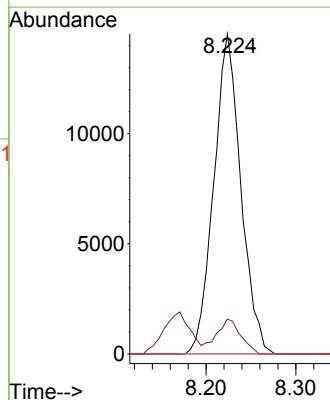
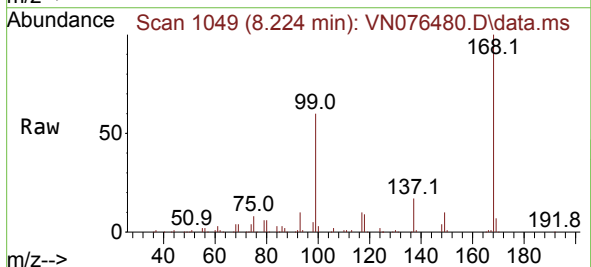
Instrument :
MSVOA_N
ClientSampleId :
RBR200007

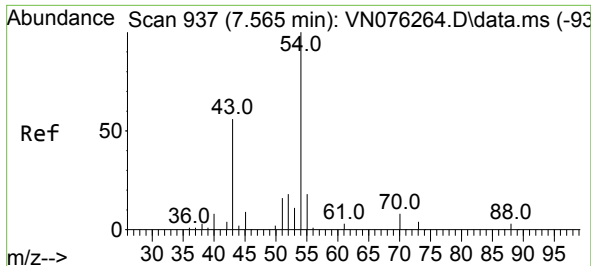
Tgt Ion:113 Resp: 192707
Ion Ratio Lower Upper
113 100
111 100.7 82.7 124.1
192 18.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.398 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 75 Resp: 30361
Ion Ratio Lower Upper
75 100
110 9.9 18.8 56.3#
77 0.0 25.0 37.4#

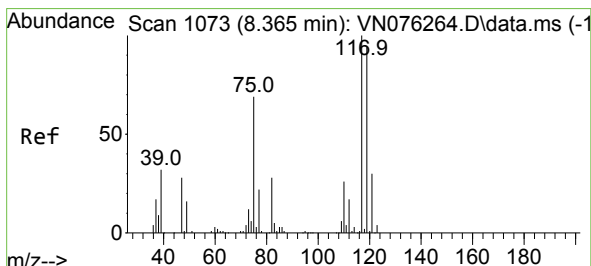
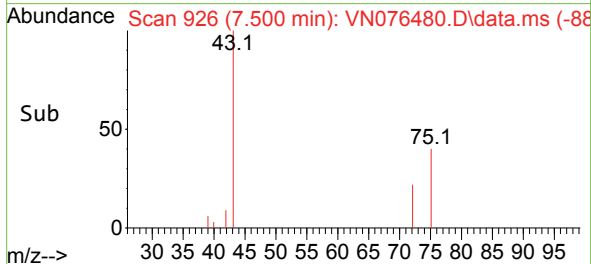
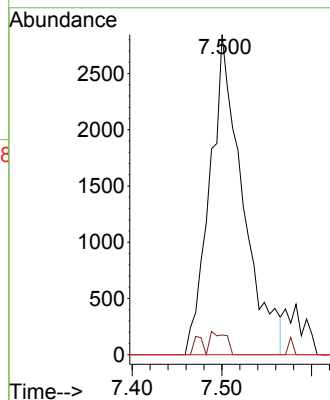
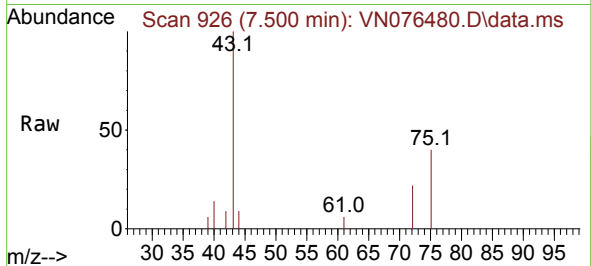




#37
Ethyl Acetate
Concen: 1.641 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.065 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

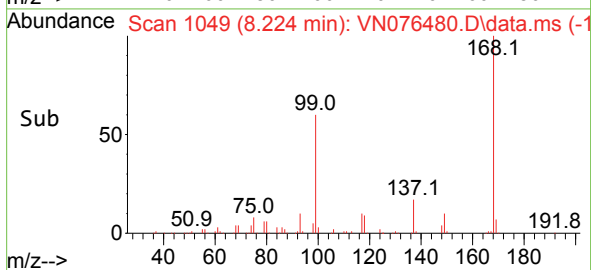
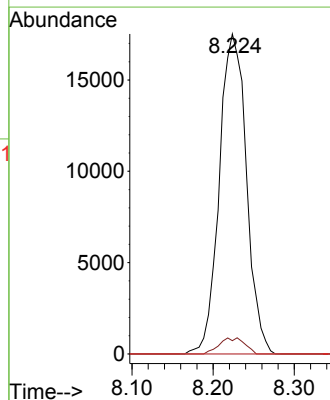
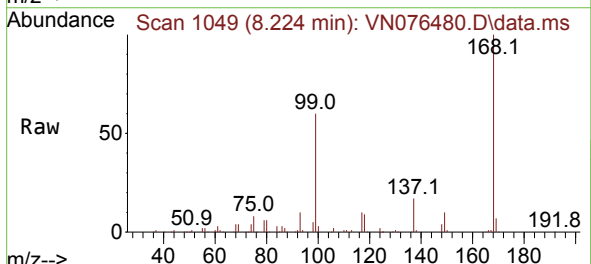
Instrument :
MSVOA_N
ClientSampleId :
RBR200007

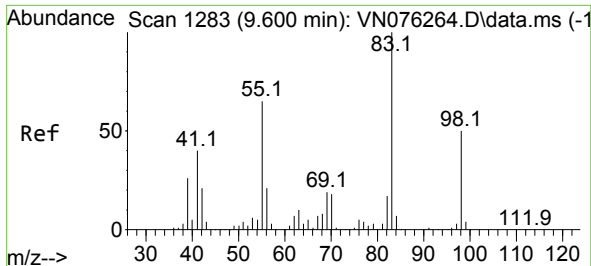
Tgt Ion: 43 Resp: 7244
Ion Ratio Lower Upper
43 100
61 3.5 11.1 16.7#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 6.491 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 117 Resp: 40713
Ion Ratio Lower Upper
117 100
119 4.1 75.4 113.0#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.310 ug/l

RT: 9.600 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

RBR200007

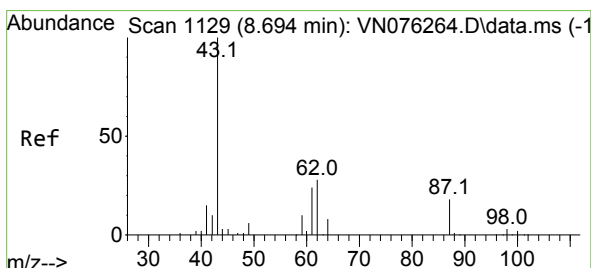
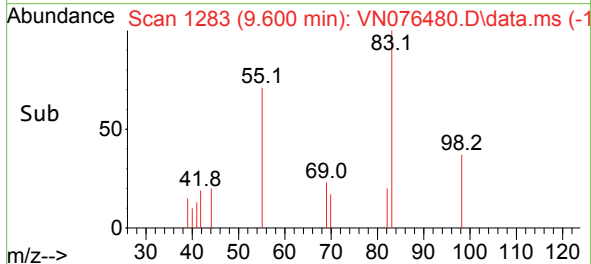
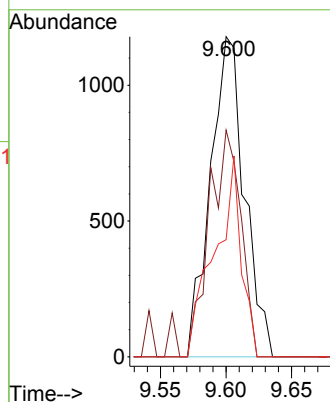
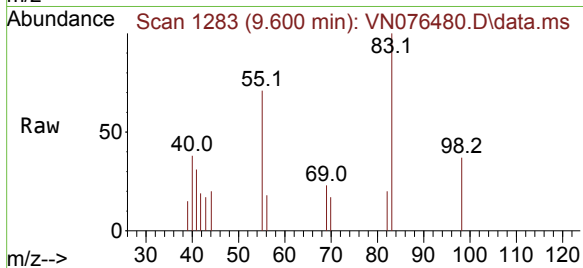
Tgt Ion: 83 Resp: 2131

Ion Ratio Lower Upper

83 100

55 70.8 51.7 77.5

98 36.6 40.0 60.0#



#43

Isopropyl Acetate

Concen: 0.706 ug/l

RT: 8.747 min Scan# 1138

Delta R.T. 0.053 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

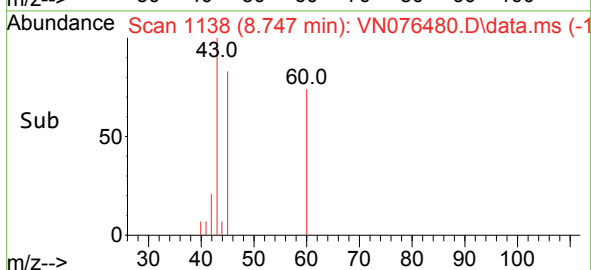
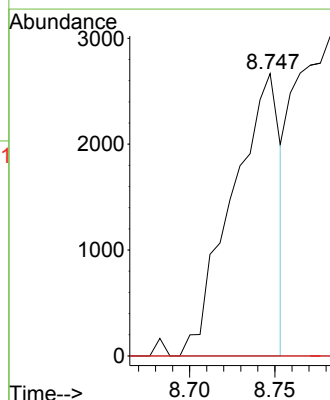
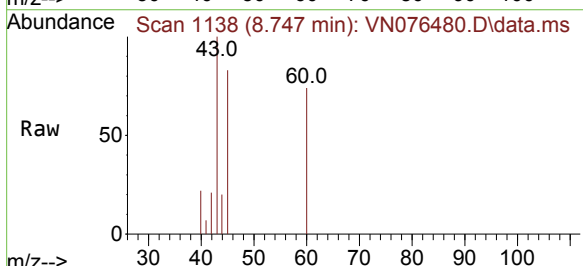
Tgt Ion: 43 Resp: 5184

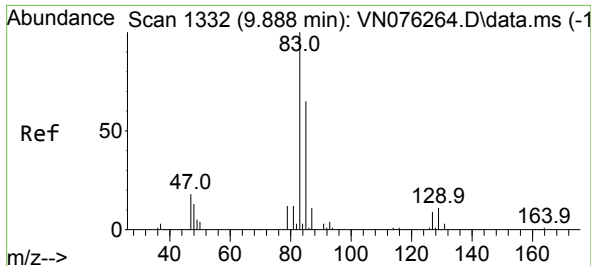
Ion Ratio Lower Upper

43 100

61 0.0 23.5 35.3#

87 0.0 13.8 20.6#





#47

Bromodichloromethane

Concen: 0.229 ug/l

RT: 9.600 min Scan# 1332

Delta R.T. -0.288 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

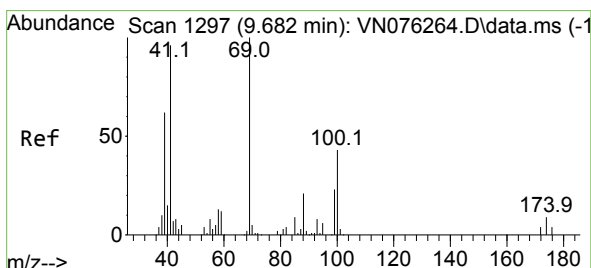
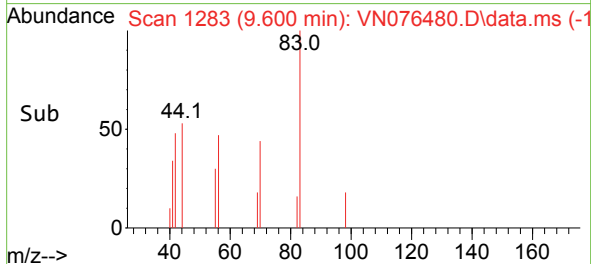
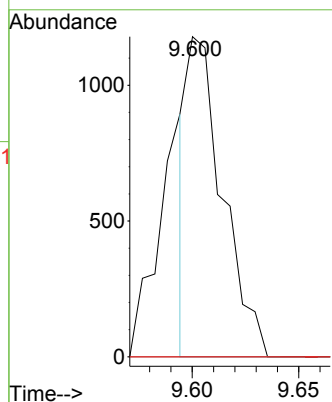
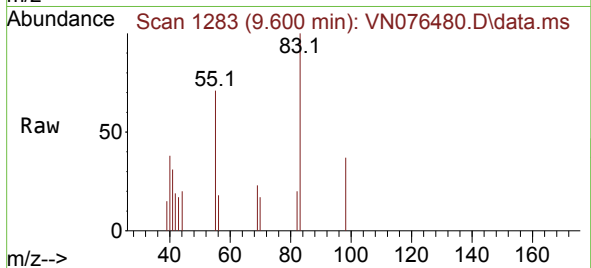
Instrument :

MSVOA_N

ClientSampleId :

RBR200007

Tgt Ion: 83	Resp:	1352
Ion Ratio	Lower	Upper
83	100	
85	0.0	52.1 78.1#
127	0.0	7.4 11.0#



#48

Methyl methacrylate

Concen: 0.357 ug/l

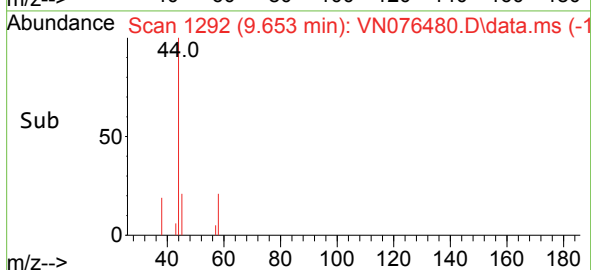
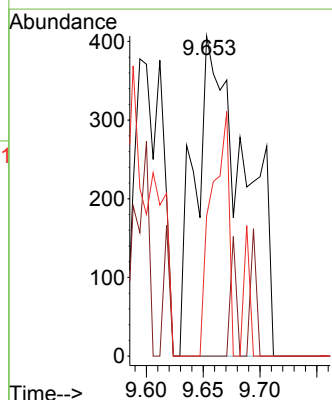
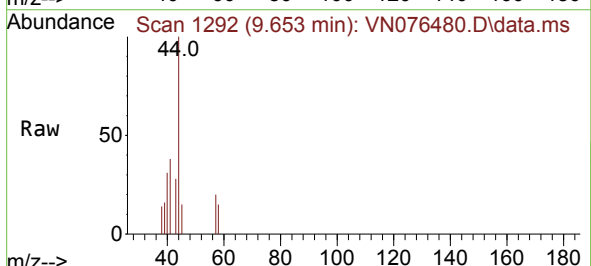
RT: 9.653 min Scan# 1292

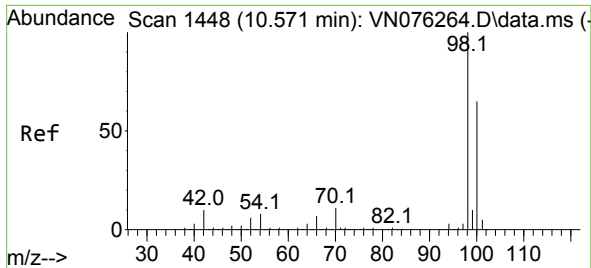
Delta R.T. -0.029 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

Tgt Ion: 41	Resp:	1242
Ion Ratio	Lower	Upper
41	100	
69	0.0	80.8 121.2#
39	0.0	54.4 81.6#

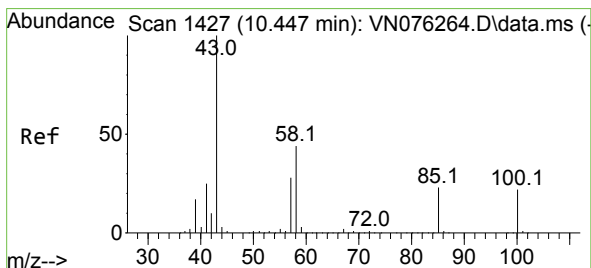
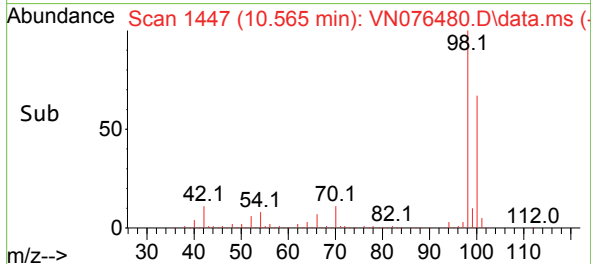
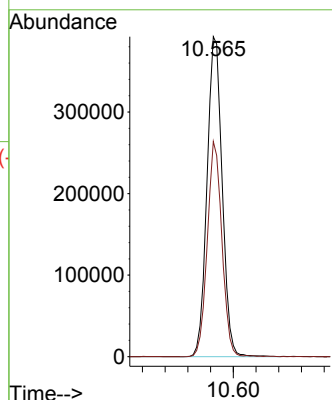
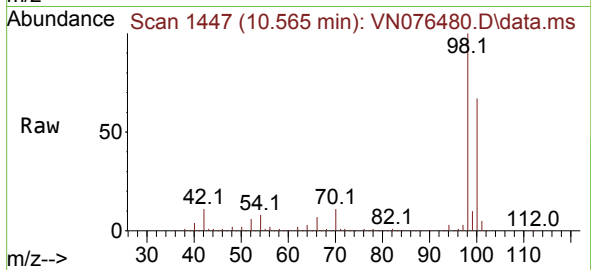




#50
Toluene-d8
Concen: 49.518 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

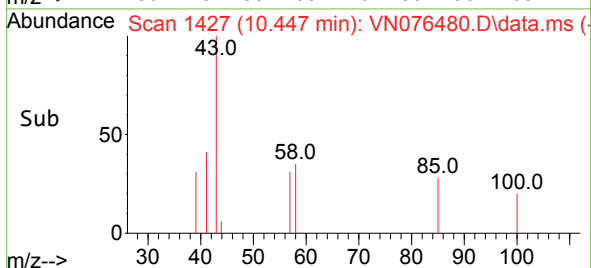
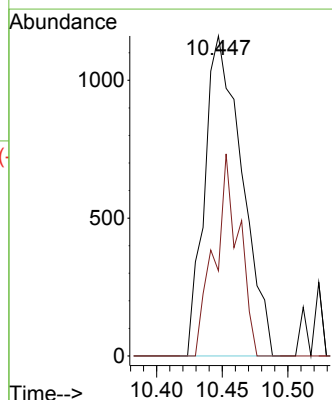
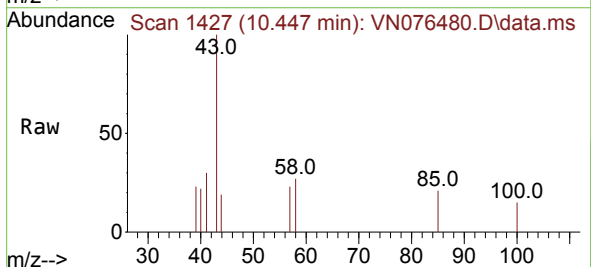
Instrument :
MSVOA_N
ClientSampleId :
RBR200007

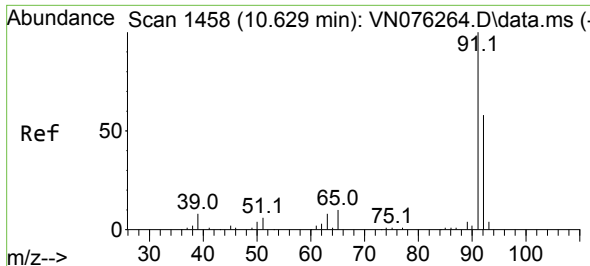
Tgt Ion: 98 Resp: 723822
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.534 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 43 Resp: 2299
Ion Ratio Lower Upper
43 100
58 41.4 35.1 52.7

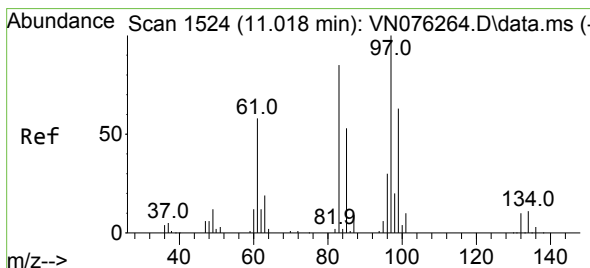
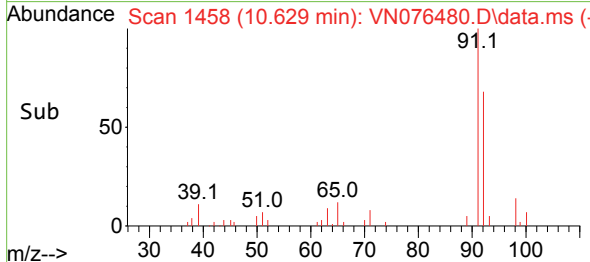
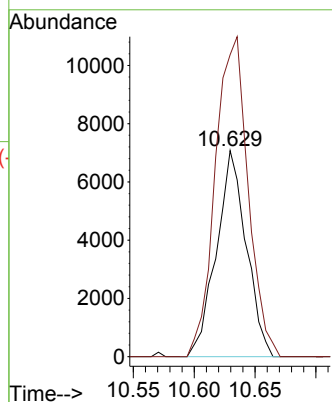
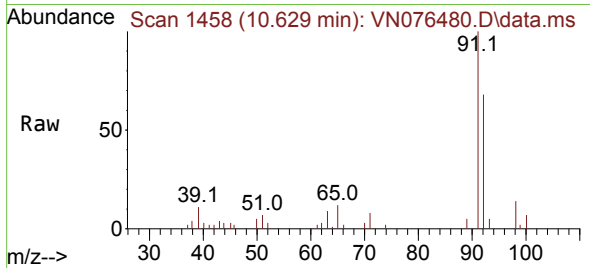




#52
Toluene
Concen: 1.073 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

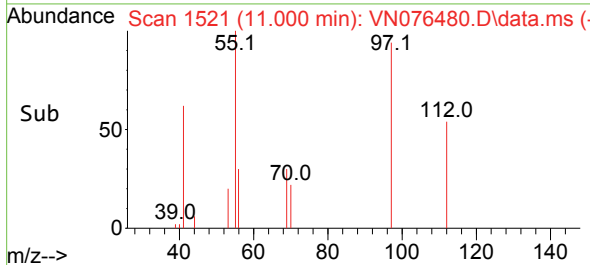
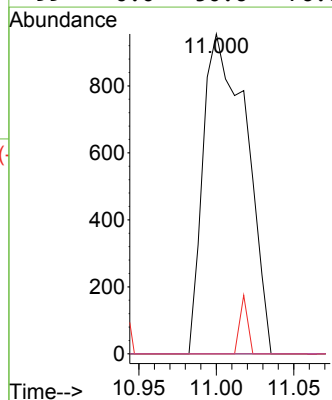
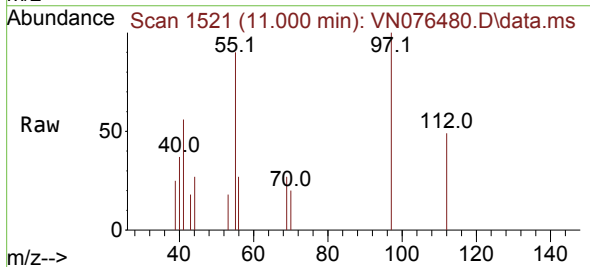
Instrument :
MSVOA_N
ClientSampleId :
RBR200007

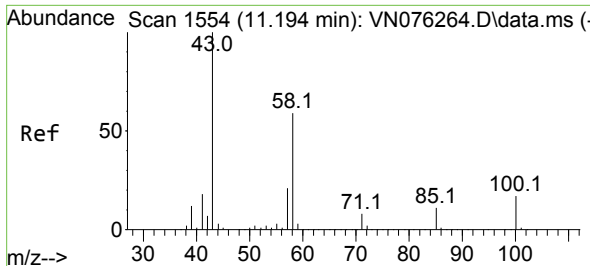
Tgt Ion: 92 Resp: 12065
Ion Ratio Lower Upper
92 100
91 170.6 136.6 205.0



#55
1,1,2-Trichloroethane
Concen: 0.430 ug/l
RT: 11.000 min Scan# 1521
Delta R.T. -0.018 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 97 Resp: 1850
Ion Ratio Lower Upper
97 100
83 0.0 67.8 101.6#
85 0.0 42.3 63.5#
99 0.0 50.6 76.0#

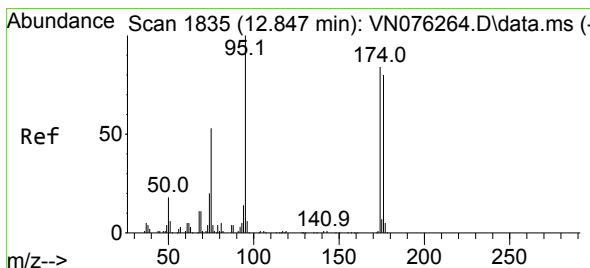
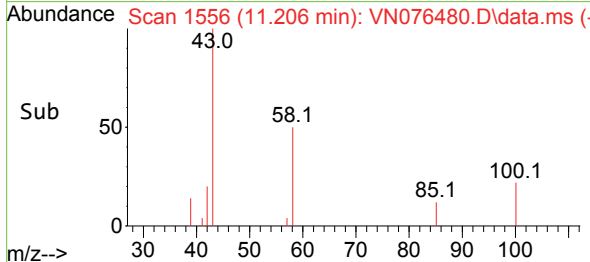
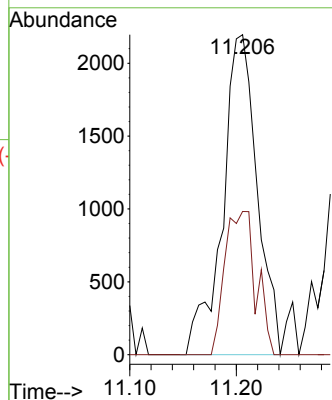
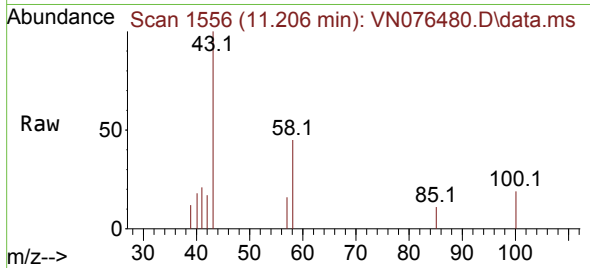




#59
2-Hexanone
Concen: 1.585 ug/l
RT: 11.206 min Scan# 11556
Delta R.T. 0.012 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

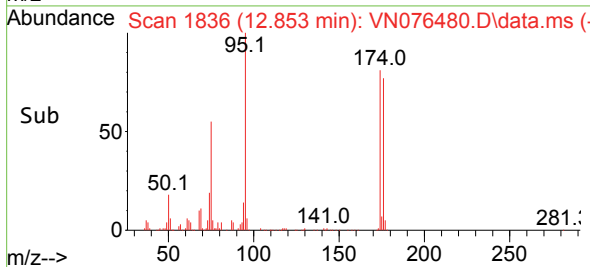
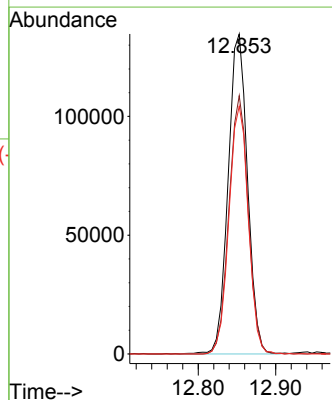
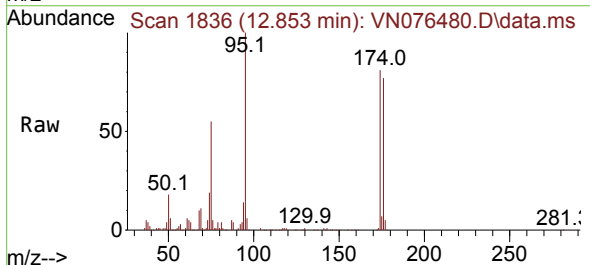
Instrument :
MSVOA_N
ClientSampleId :
RBR200007

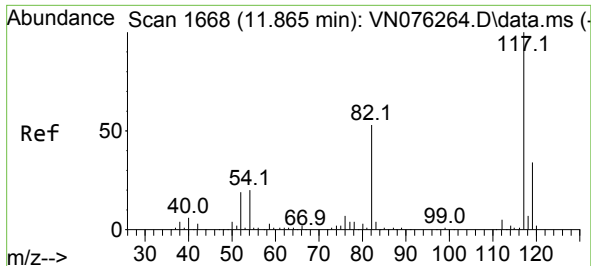
Tgt Ion: 43 Resp: 4947
Ion Ratio Lower Upper
43 100
58 40.2 30.1 90.3



#62
4-Bromofluorobenzene
Concen: 49.127 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 95 Resp: 234432
Ion Ratio Lower Upper
95 100
174 80.5 0.0 174.6
176 77.2 0.0 167.8

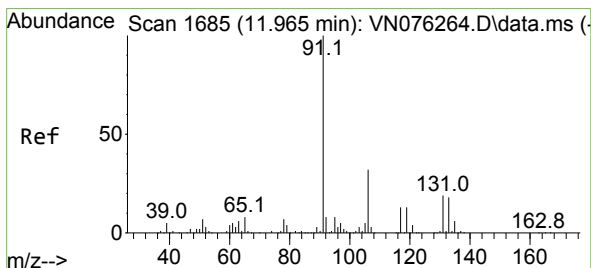
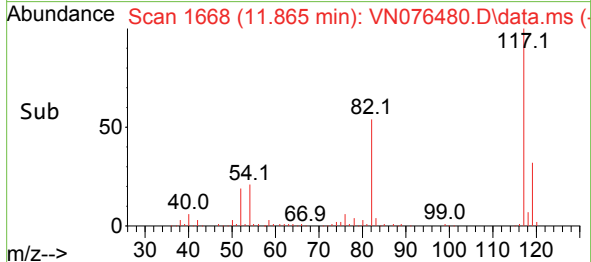
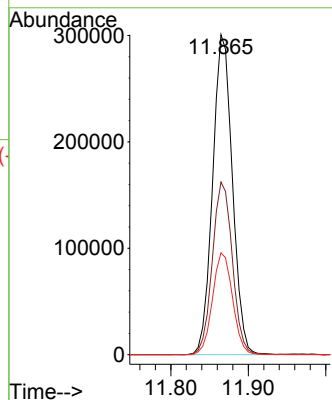
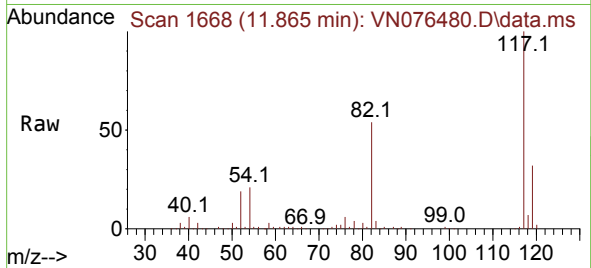




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

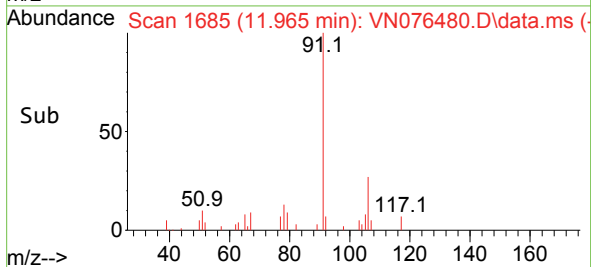
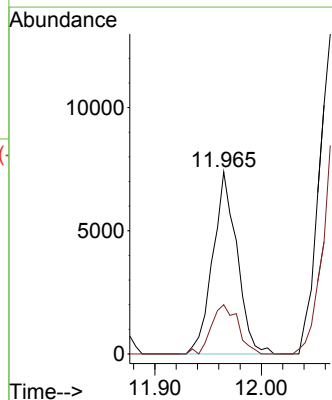
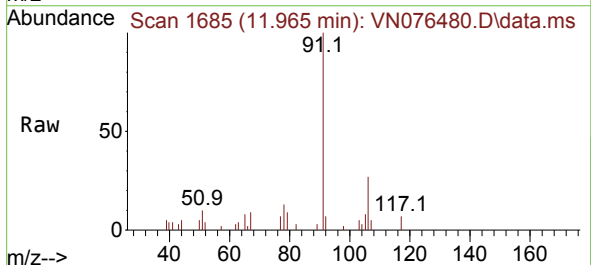
Instrument :
MSVOA_N
ClientSampleId :
RBR200007

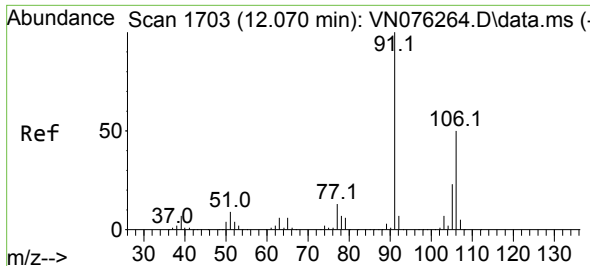
Tgt Ion:117 Resp: 533616
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.2
119 31.9 26.9 40.3



#67
Ethyl Benzene
Concen: 0.605 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 91 Resp: 11673
Ion Ratio Lower Upper
91 100
106 27.1 25.5 38.3

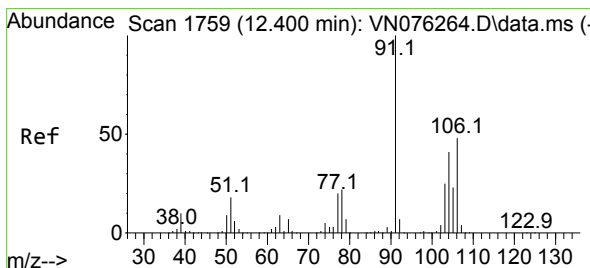
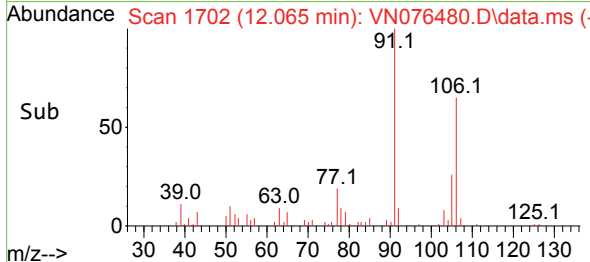
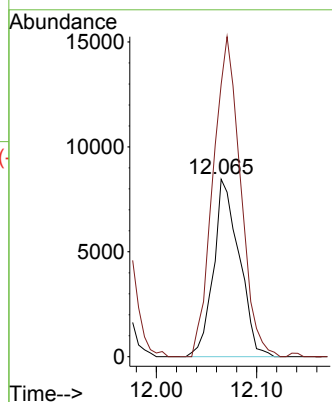
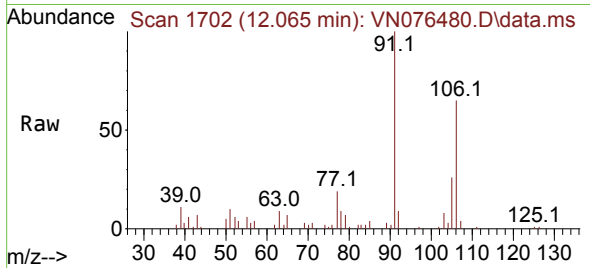




#68
m/p-Xylenes
Concen: 1.946 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.005 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

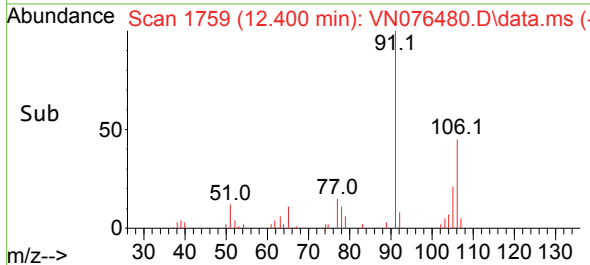
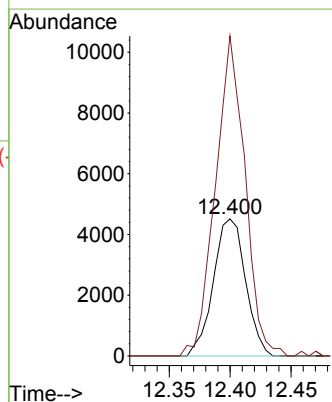
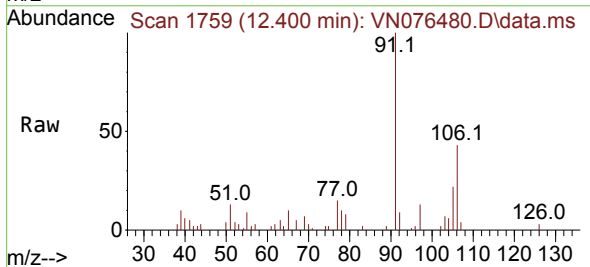
Instrument :
MSVOA_N
ClientSampleId :
RBR200007

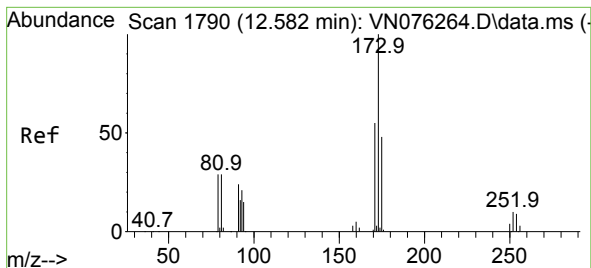
Tgt Ion:106 Resp: 15066
Ion Ratio Lower Upper
106 100
91 192.6 157.5 236.3



#69
o-Xylene
Concen: 1.091 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion:106 Resp: 8295
Ion Ratio Lower Upper
106 100
91 214.8 103.2 309.4





#71

Bromoform

Concen: 0.458 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

RBR200007

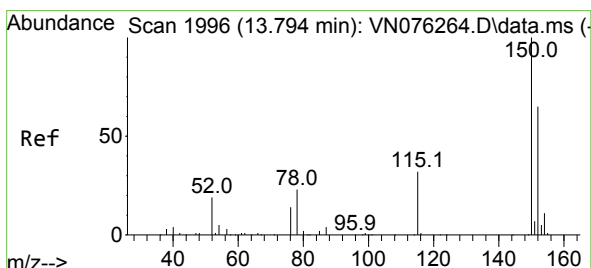
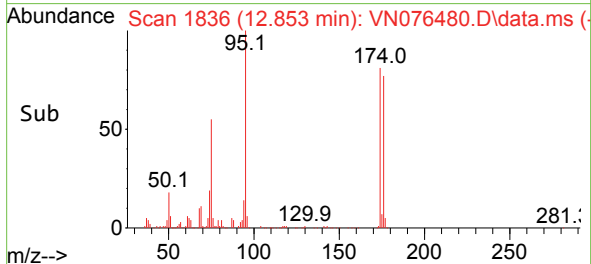
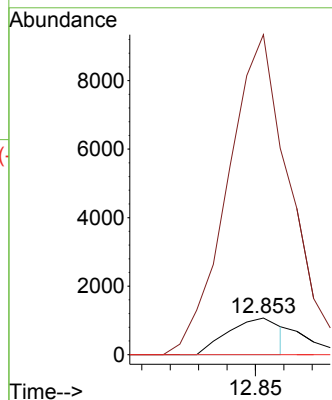
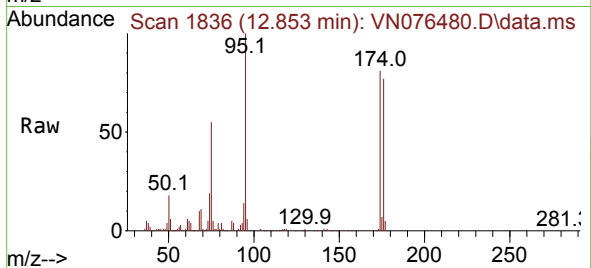
Tgt Ion:173 Resp: 1387

Ion Ratio Lower Upper

173 100

175 846.6 24.1 72.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

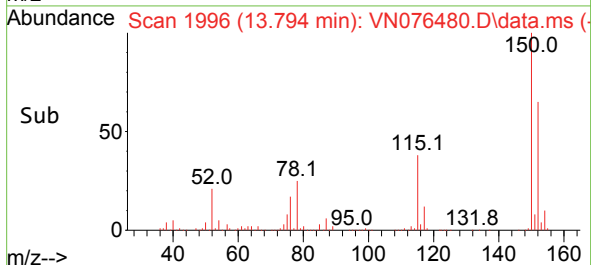
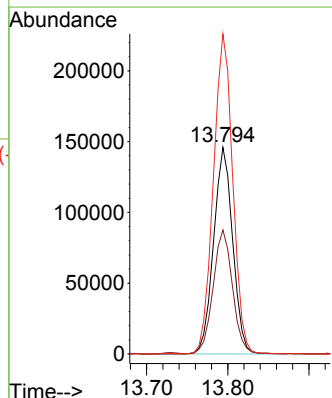
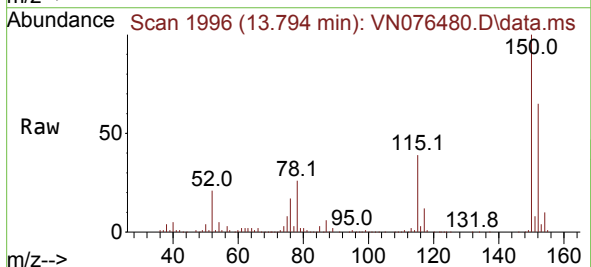
Tgt Ion:152 Resp: 238969

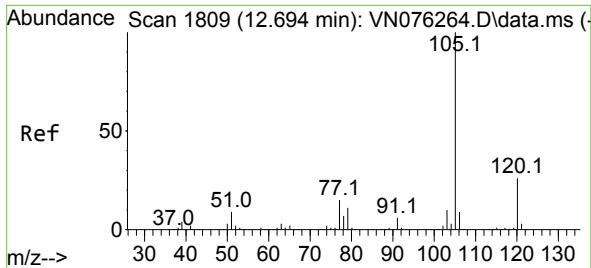
Ion Ratio Lower Upper

152 100

115 60.9 29.6 88.9

150 156.6 0.0 351.4

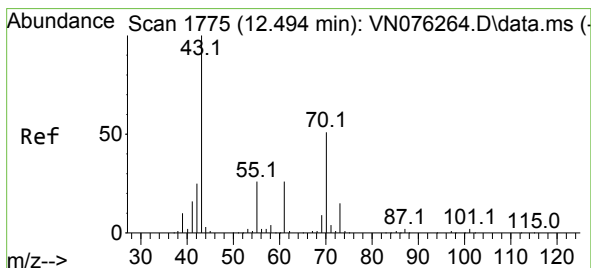
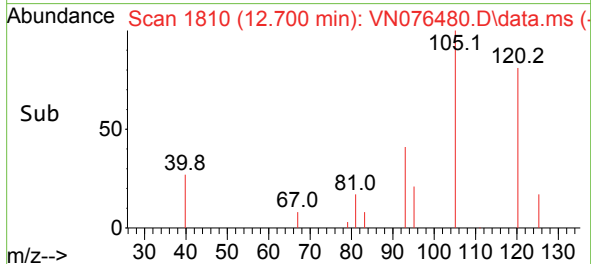
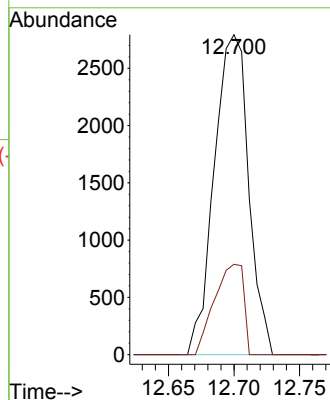
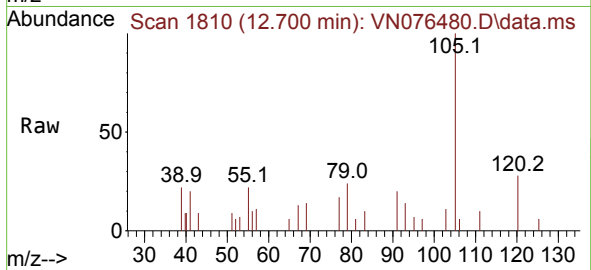




#73
Isopropylbenzene
Concen: 0.276 ug/l
RT: 12.700 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

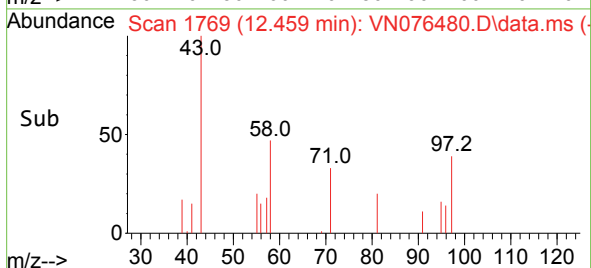
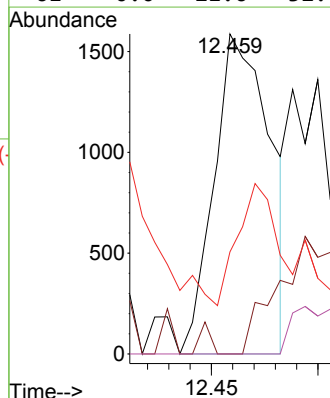
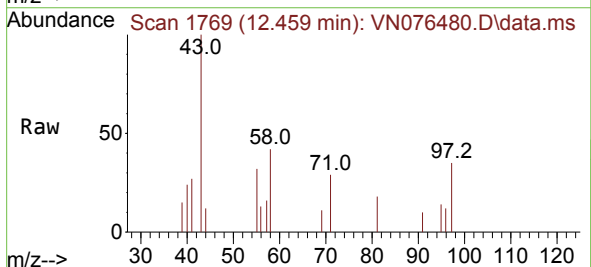
Instrument :
MSVOA_N
ClientSampleId :
RBR200007

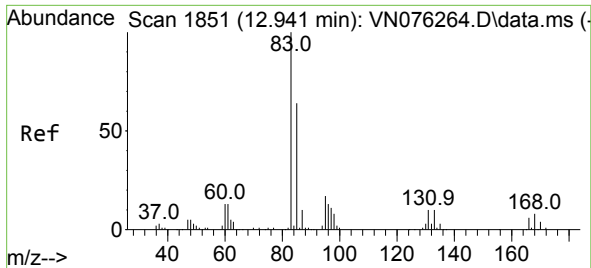
Tgt Ion:105 Resp: 5102
Ion Ratio Lower Upper
105 100
120 23.9 13.4 40.1



#74
N-ethyl acetate
Concen: 0.544 ug/l
RT: 12.459 min Scan# 1769
Delta R.T. -0.035 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 43 Resp: 2895
Ion Ratio Lower Upper
43 100
70 0.0 41.2 61.8#
55 33.4 21.0 31.6#
61 0.0 21.6 32.4#

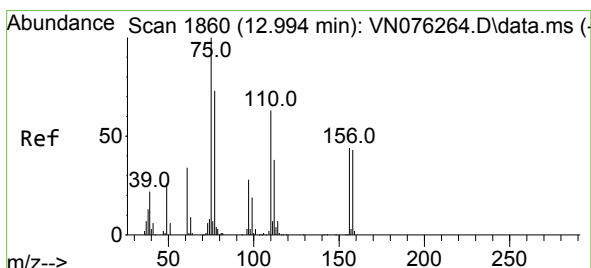
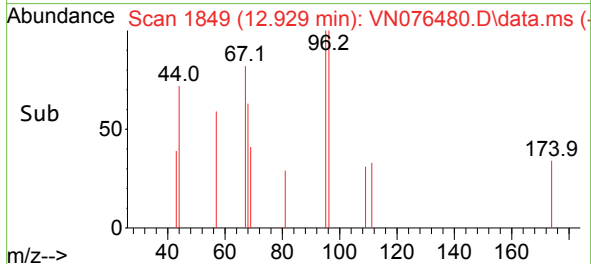
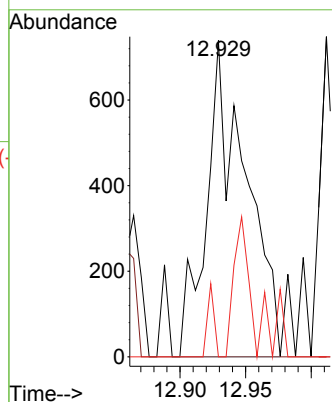
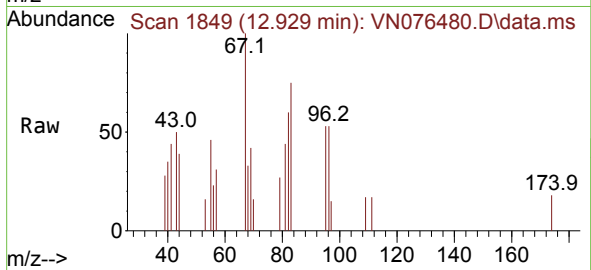




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.291 ug/l
 RT: 12.929 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: VN076480.D
 Acq: 31 Jan 2023 12:11

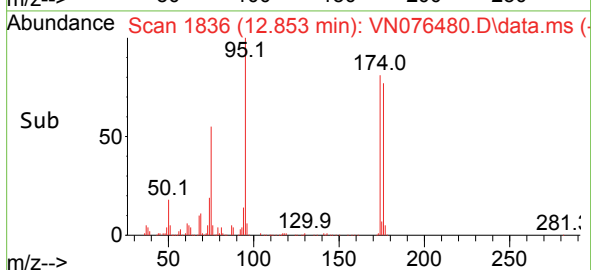
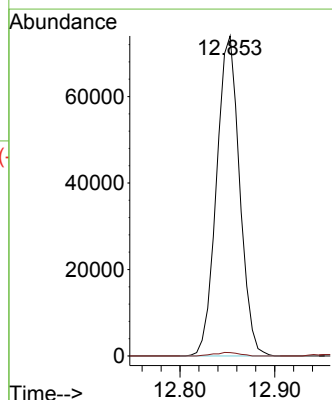
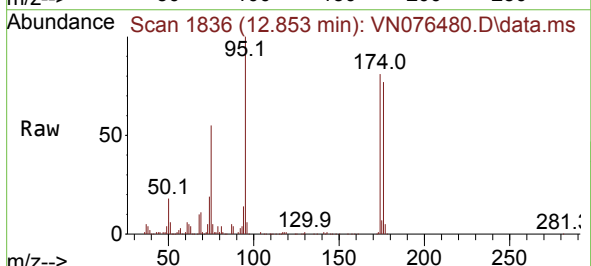
Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200007

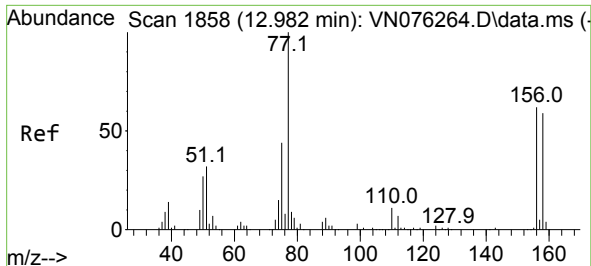
Tgt Ion: 83 Resp: 1545
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.4#
 85 3.9 31.7 95.1#



#76
 1,2,3-Trichloropropane
 Concen: 28.325 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN076480.D
 Acq: 31 Jan 2023 12:11

Tgt Ion: 75 Resp: 125101
 Ion Ratio Lower Upper
 75 100
 77 1.2 75.2 225.6#

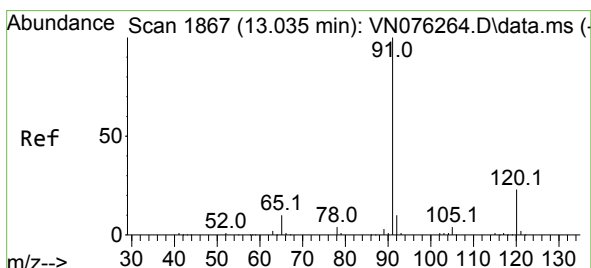
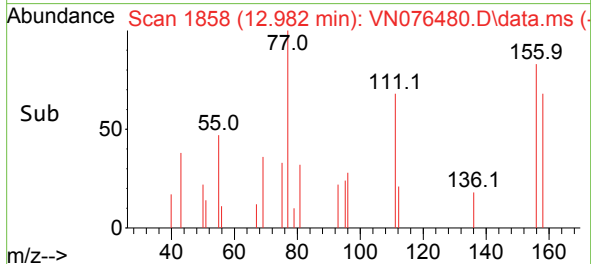
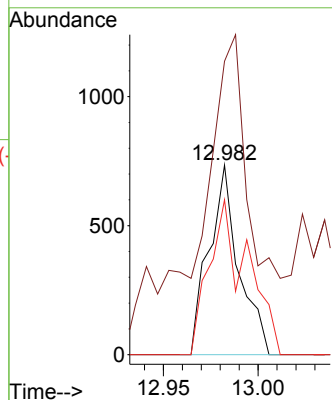
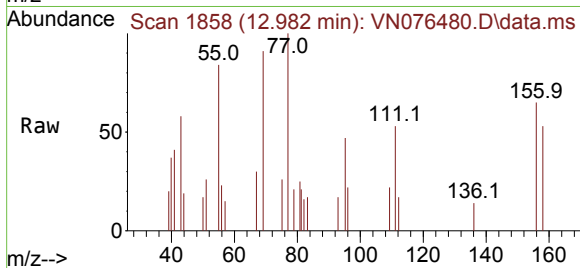




#77
Bromobenzene
Concen: Below Cal
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

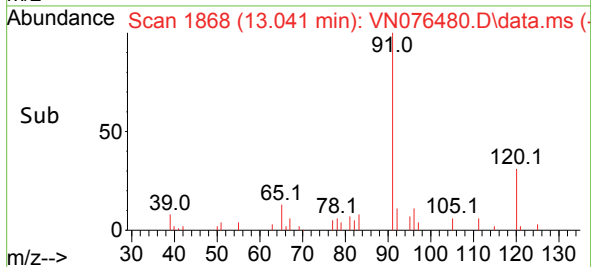
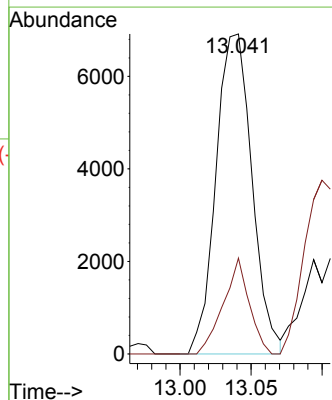
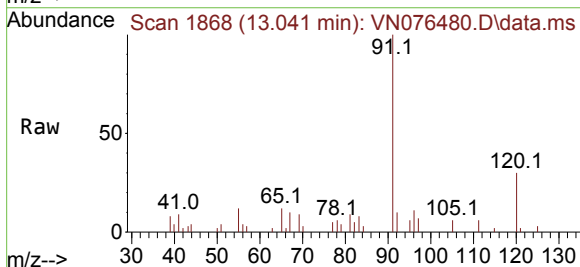
Instrument :
MSVOA_N
ClientSampleId :
RBR200007

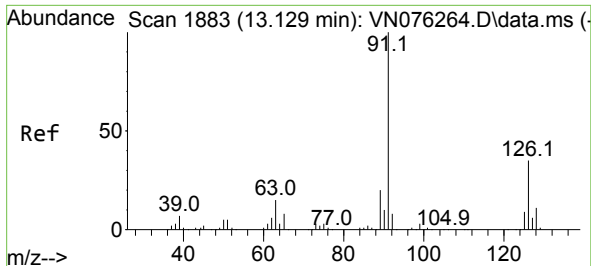
Tgt Ion:156 Resp: 804
Ion Ratio Lower Upper
156 100
77 305.5 93.4 280.2#
158 105.1 48.4 145.2



#78
n-propylbenzene
Concen: 0.585 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 91 Resp: 12204
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.5

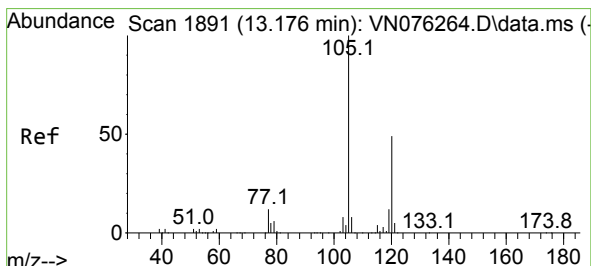
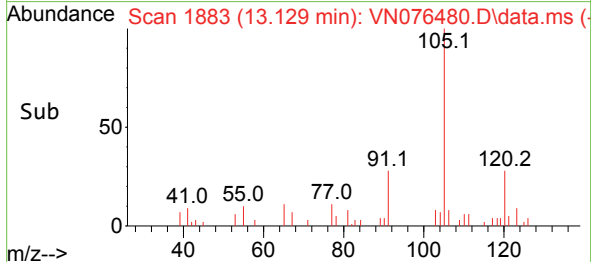
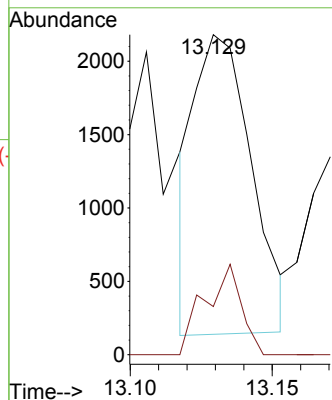
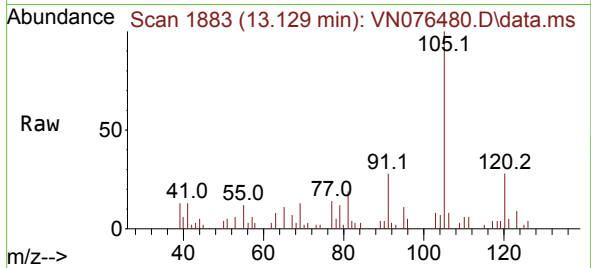




#79
2-Chlorotoluene
Concen: 0.224 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

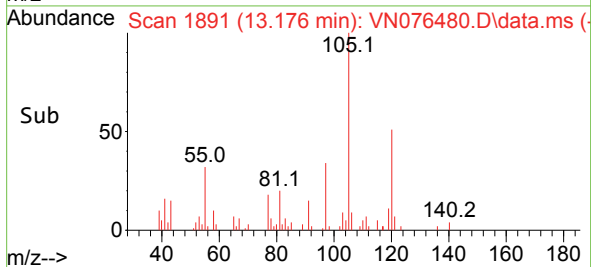
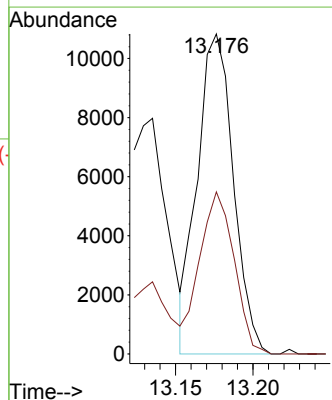
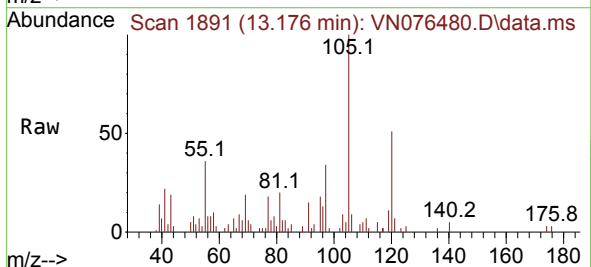
Instrument :
MSVOA_N
ClientSampleId :
RBR200007

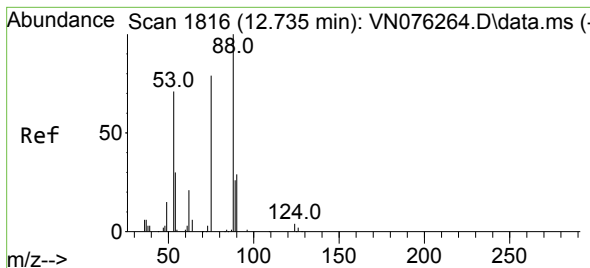
Tgt Ion: 91 Resp: 2864
Ion Ratio Lower Upper
91 100
126 19.3 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 1.128 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 105 Resp: 17477
Ion Ratio Lower Upper
105 100
120 48.8 25.0 75.0

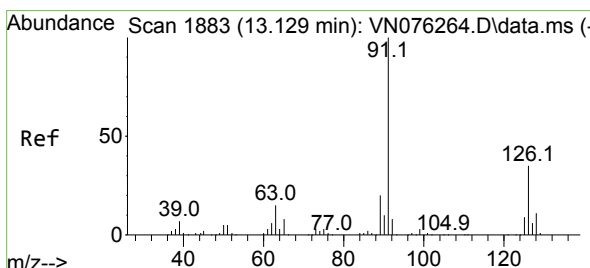
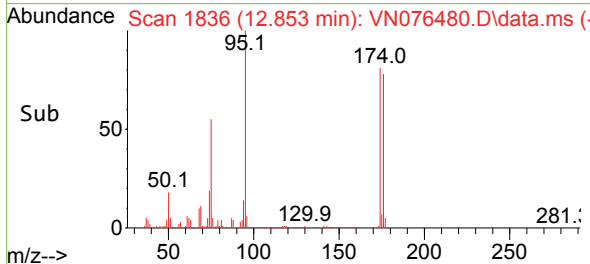
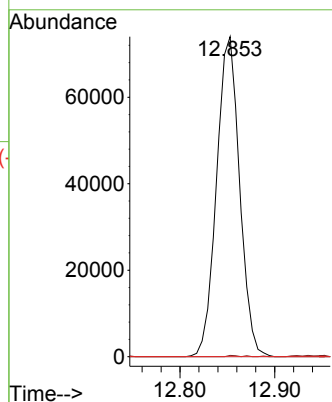
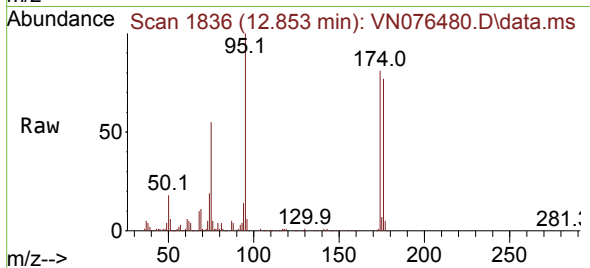




#81
trans-1,4-Dichloro-2-butene
Concen: 87.102 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

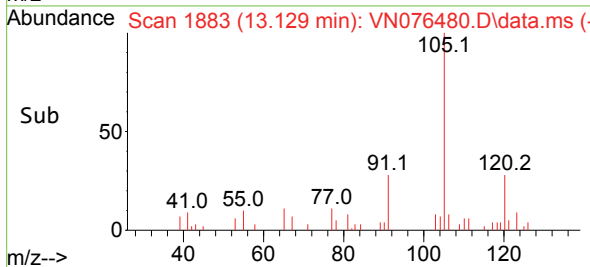
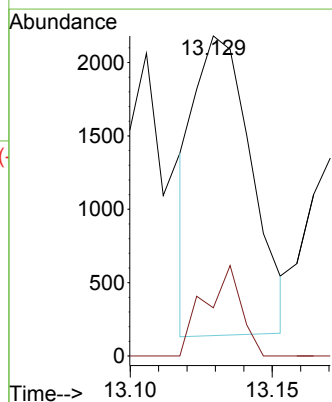
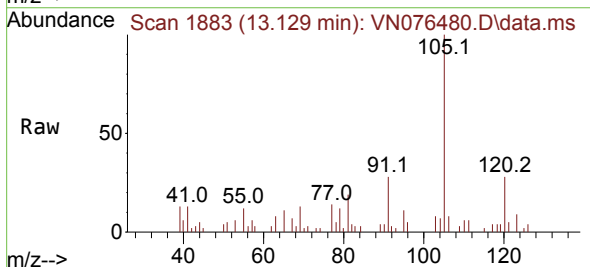
Instrument :
MSVOA_N
ClientSampleId :
RBR200007

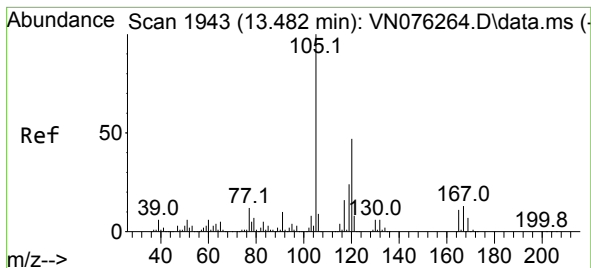
Tgt Ion: 75 Resp: 125101
Ion Ratio Lower Upper
75 100
53 0.2 75.8 113.8#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 0.224 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 91 Resp: 2864
Ion Ratio Lower Upper
91 100
126 19.3 17.4 52.2





#84

1,2,4-Trimethylbenzene

Concen: 3.304 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

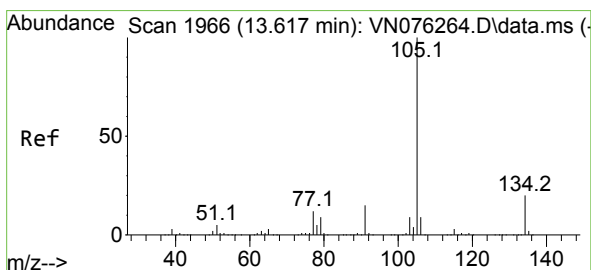
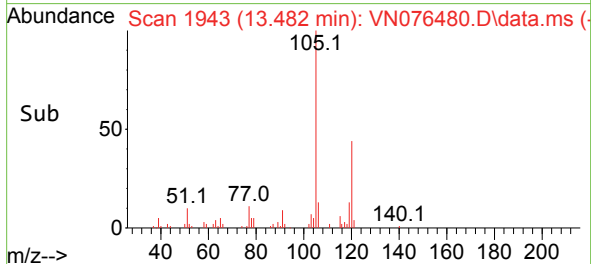
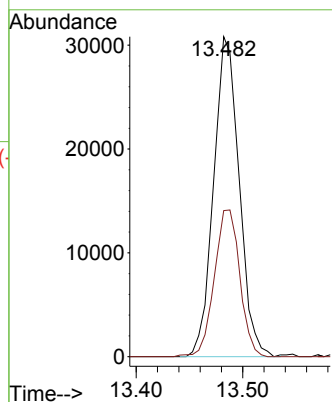
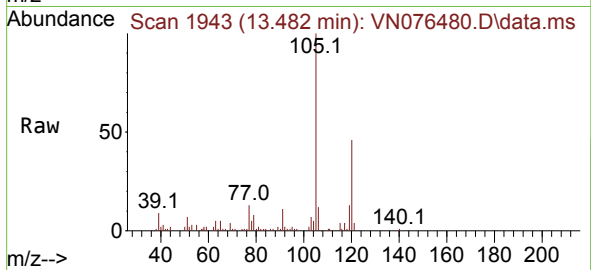
RBR200007

Tgt Ion:105 Resp: 51306

Ion Ratio Lower Upper

105 100

120 45.7 22.9 68.5



#85

sec-Butylbenzene

Concen: 0.934 ug/l

RT: 13.617 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN076480.D

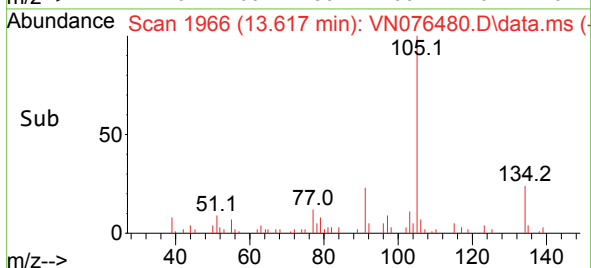
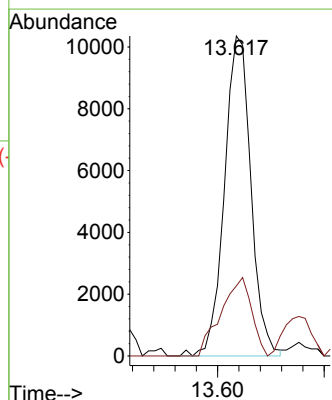
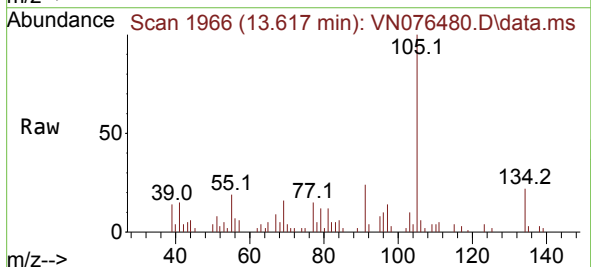
Acq: 31 Jan 2023 12:11

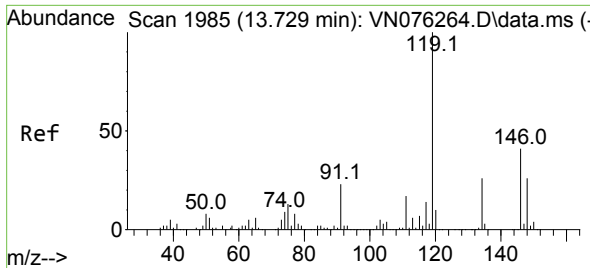
Tgt Ion:105 Resp: 17854

Ion Ratio Lower Upper

105 100

134 28.3 10.3 30.8

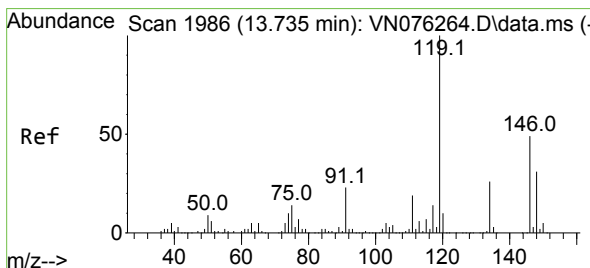
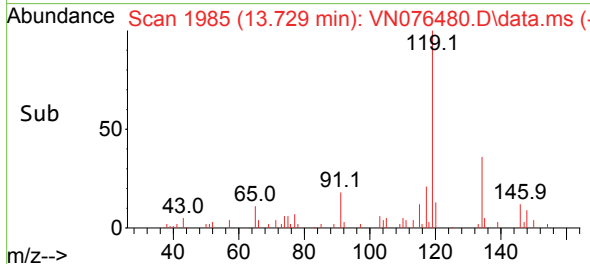
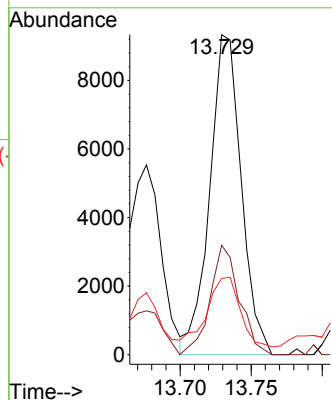
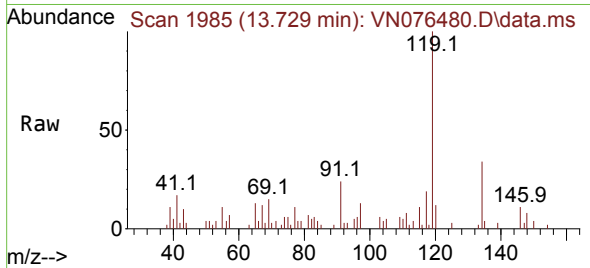




#86
 p-Isopropyltoluene
 Concen: 0.915 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076480.D
 Acq: 31 Jan 2023 12:11

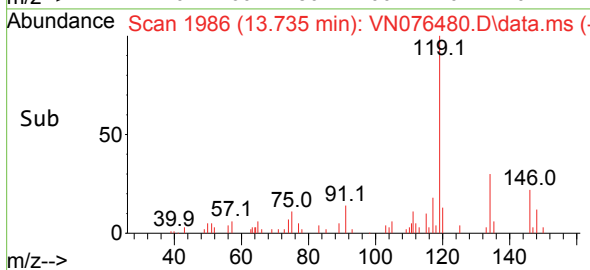
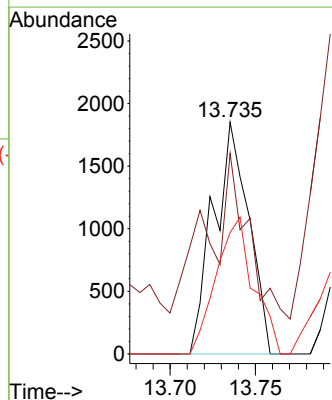
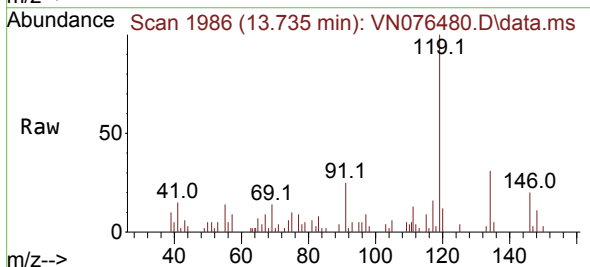
Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200007

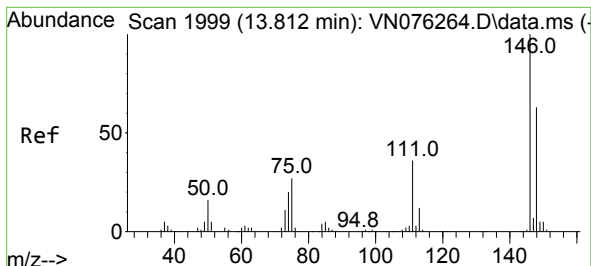
Tgt Ion:119 Resp: 14380
 Ion Ratio Lower Upper
 119 100
 134 31.8 13.2 39.6
 91 22.7 11.8 35.3



#87
 1,3-Dichlorobenzene
 Concen: 0.306 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076480.D
 Acq: 31 Jan 2023 12:11

Tgt Ion:146 Resp: 2664
 Ion Ratio Lower Upper
 146 100
 111 43.9 19.9 59.7
 148 62.8 31.6 94.8





#88

1,4-Dichlorobenzene

Concen: 0.422 ug/l

RT: 13.735 min Scan# 1999

Delta R.T. -0.077 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

RBR200007

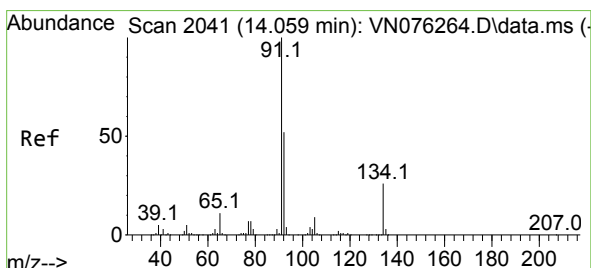
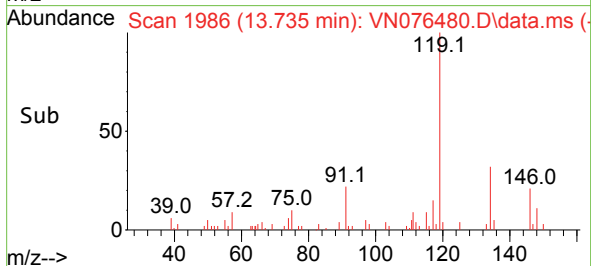
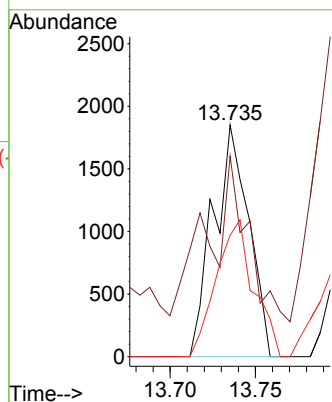
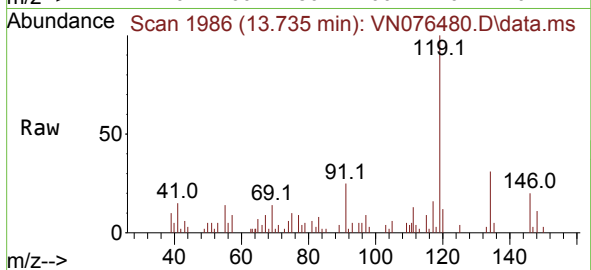
Tgt Ion:146 Resp: 2664

Ion Ratio Lower Upper

146 100

111 44.6 19.1 57.5

148 62.8 31.9 95.9



#89

n-Butylbenzene

Concen: 0.858 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

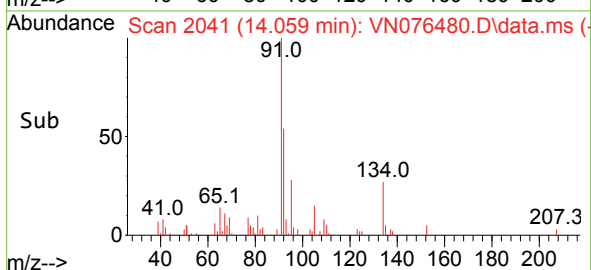
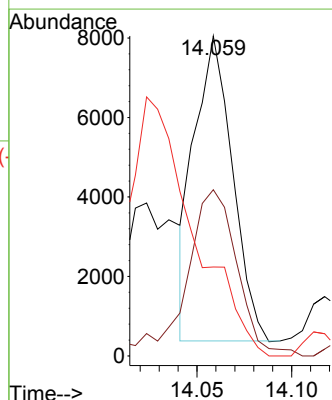
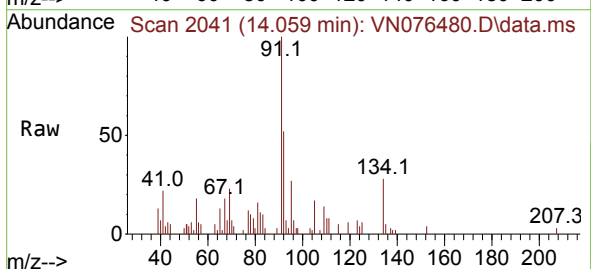
Tgt Ion: 91 Resp: 10703

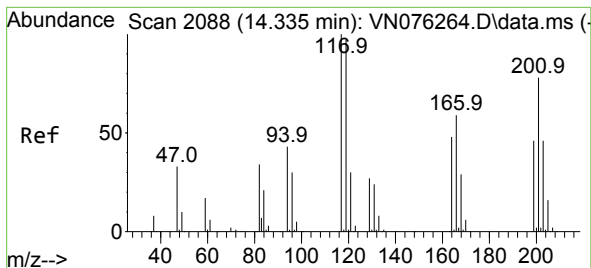
Ion Ratio Lower Upper

91 100

92 71.0 26.3 78.9

134 0.0 13.2 39.5#





#90

Hexachloroethane

Concen: 1.394 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

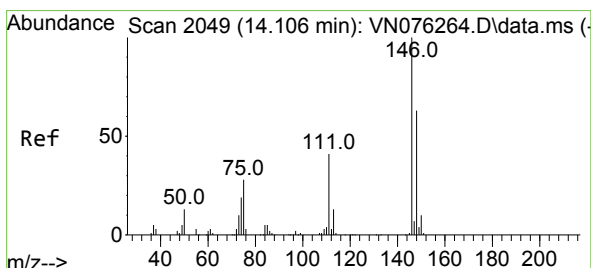
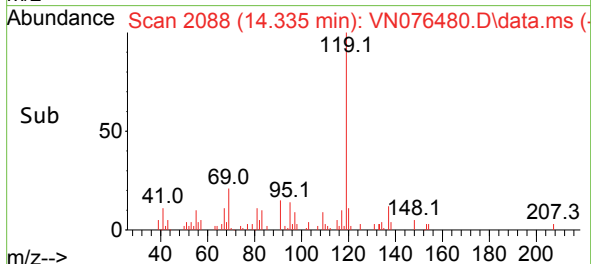
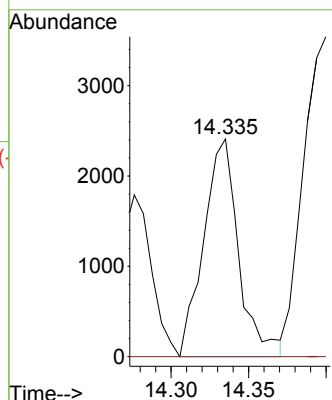
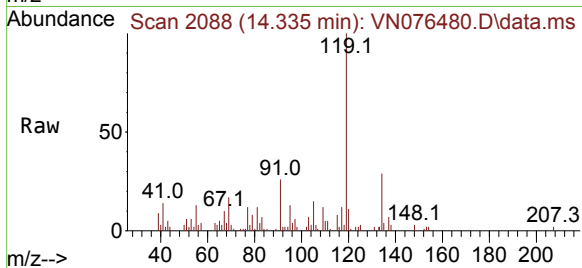
RBR200007

Tgt Ion:117 Resp: 3781

Ion Ratio Lower Upper

117 100

201 0.0 37.3 111.9#



#91

1,2-Dichlorobenzene

Concen: 0.373 ug/l

RT: 14.112 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

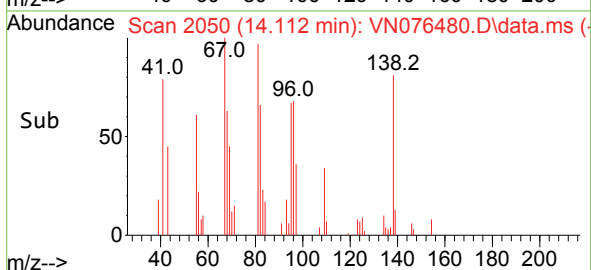
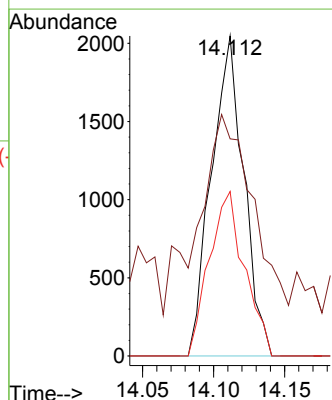
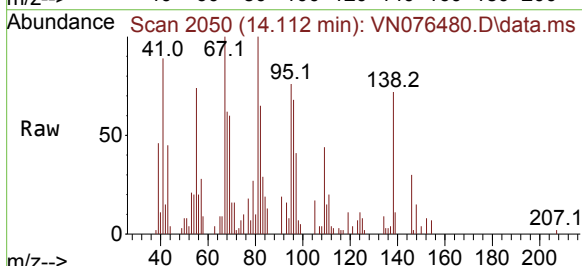
Tgt Ion:146 Resp: 3239

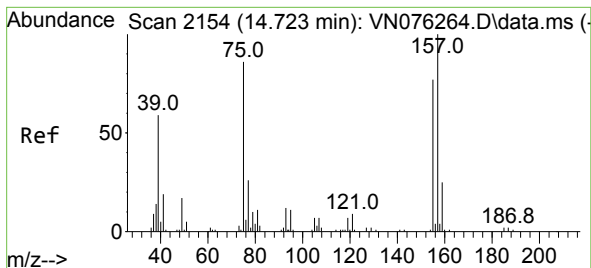
Ion Ratio Lower Upper

146 100

111 103.2 20.3 60.8#

148 56.2 31.8 95.4

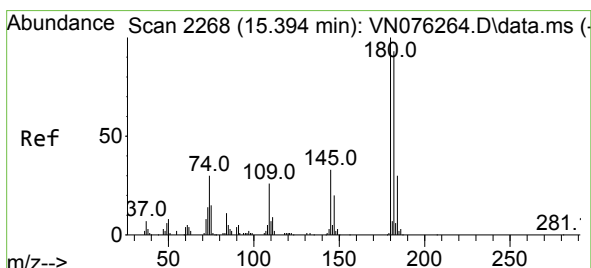
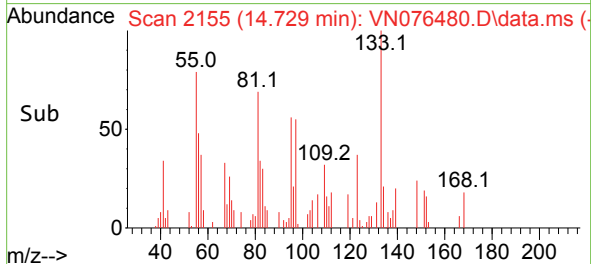
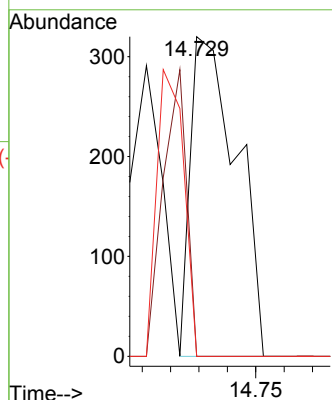
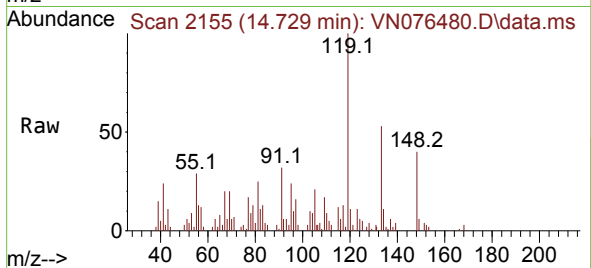




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.394 ug/l
 RT: 14.729 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VN076480.D
 Acq: 31 Jan 2023 12:11

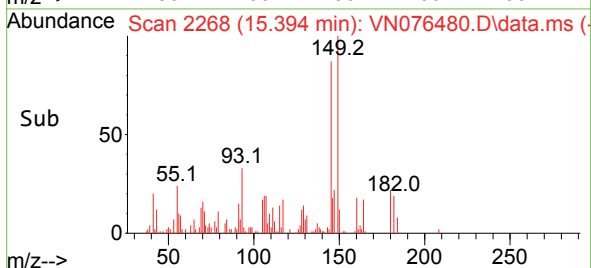
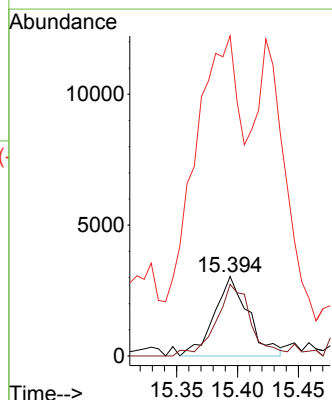
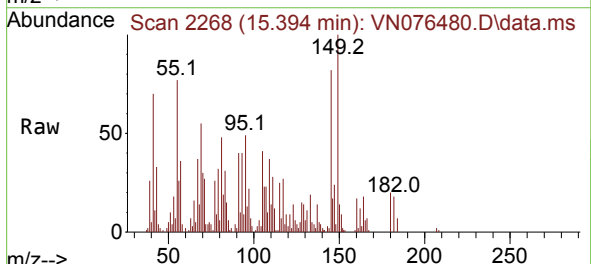
Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200007

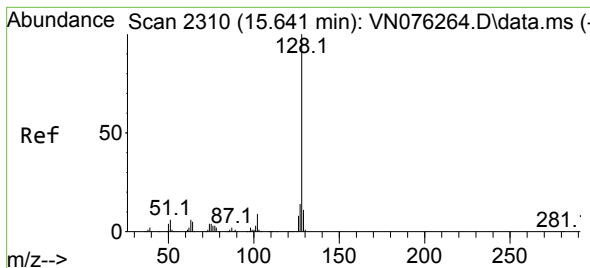
Tgt Ion: 75 Resp: 364
 Ion Ratio Lower Upper
 75 100
 155 45.1 45.0 135.0
 157 51.9 58.3 174.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.687 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: VN076480.D
 Acq: 31 Jan 2023 12:11

Tgt Ion: 180 Resp: 5948
 Ion Ratio Lower Upper
 180 100
 182 90.7 47.0 141.2
 145 551.0 15.2 45.5#





#95

Naphthalene

Concen: 6.021 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

RBR200007

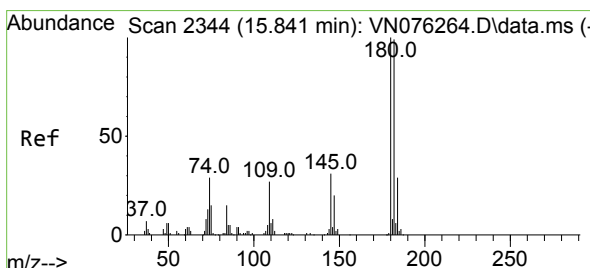
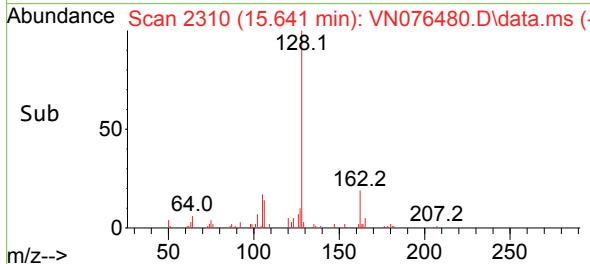
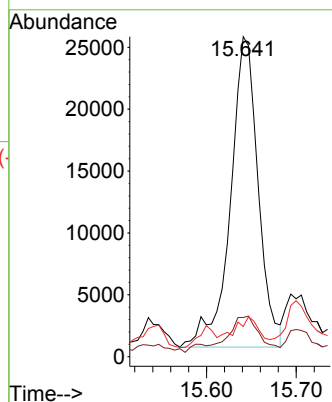
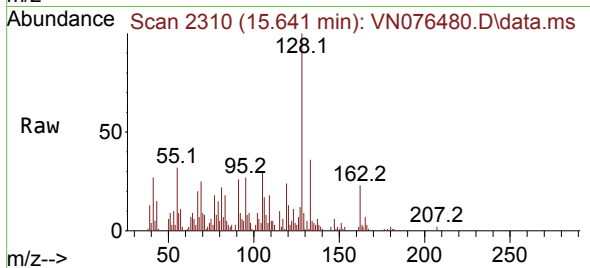
Tgt Ion:128 Resp: 53906

Ion Ratio Lower Upper

128 100

127 9.5 10.3 15.5#

129 5.0 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 4.362 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

Tgt Ion:180 Resp: 13126

Ion Ratio Lower Upper

180 100

182 46.4 47.5 142.5#

145 373.7 15.9 47.6#

