

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076543.D
 Acq On : 06 Feb 2023 14:46
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 07 04:42:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 01:44:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	591639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	980705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	860939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	345520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	328885	46.686	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.380%
35) Dibromofluoromethane	8.177	113	295613	48.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.420%
50) Toluene-d8	10.571	98	1138011	49.354	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.853	95	383166	47.946	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	1011	Below Cal		74
5) Bromomethane	2.971	94	1048	0.276 ug/l	#	74
11) Tert butyl alcohol	5.536	59	374	0.390 ug/l	#	73
13) Acrolein	4.206	56	1470	1.126 ug/l	#	75
15) Acrylonitrile	5.730	53	1035	0.371 ug/l	#	1
16) Acetone	4.465	43	2320	Below Cal	#	55
17) Carbon Disulfide	4.724	76	8766	0.576 ug/l	#	95
18) Methyl Acetate	5.042	43	2127	0.283 ug/l	#	72
20) Methylene Chloride	5.300	84	2537	0.356 ug/l	#	76
25) 2-Butanone	7.500	43	2600	0.747 ug/l	#	44
29) Tetrahydrofuran	7.859	42	803	0.362 ug/l	#	50
31) Cyclohexane	8.230	56	12108	1.099 ug/l	#	17
36) 1,1-Dichloropropene	8.394	75	1790	0.206 ug/l	#	65
38) Carbon Tetrachloride	8.230	117	60477	6.401 ug/l	#	16
44) Trichloroethene	9.353	130	1471	0.208 ug/l		78
49) 1,4-Dioxane	9.712	88	270	2.133 ug/l	#	18
51) 4-Methyl-2-Pentanone	10.447	43	3745	0.556 ug/l		97
58) 2-Chloroethyl Vinyl ether	10.165	63	293	5.471 ug/l	#	43
59) 2-Hexanone	11.200	43	8056	1.645 ug/l		84
64) Tetrachloroethene	11.112	164	1544	0.212 ug/l	#	76
65) Chlorobenzene	11.894	112	5890	0.331 ug/l	#	84
67) Ethyl Benzene	11.971	91	6391	0.204 ug/l		97
68) m/p-Xylenes	12.076	106	5170	0.425 ug/l		95
70) Styrene	12.412	104	5172	0.272 ug/l		95
74) N-amyl acetate	12.494	43	3692	0.460 ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.935	83	1722	0.216 ug/l	#	83
76) 1,2,3-Trichloropropane	12.847	75	185849	26.371 ug/l	#	1
77) Bromobenzene	12.982	156	3233	0.499 ug/l		93
78) n-propylbenzene	13.041	91	11365	0.371 ug/l		98
79) 2-Chlorotoluene	13.129	91	6751	0.347 ug/l		98
80) 1,3,5-Trimethylbenzene	13.176	105	5556	0.238 ug/l		93
81) trans-1,4-Dichloro-2-b...	12.847	75	185849	87.815 ug/l	#	13
82) 4-Chlorotoluene	13.129	91	6751	0.347 ug/l		98
83) tert-Butylbenzene	13.441	119	5070	0.244 ug/l		90
84) 1,2,4-Trimethylbenzene	13.488	105	7900	0.341 ug/l		97
85) sec-Butylbenzene	13.617	105	8292	0.296 ug/l		98

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

86) p-Isopropyltoluene	13.735	119	7248	0.318	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	9141	0.762	ug/l	97
88) 1,4-Dichlorobenzene	13.735	146	9141	0.755	ug/l	98
89) n-Butylbenzene	14.059	91	12379	0.685	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	9526	0.809	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	967	0.703	ug/l	66
93) 1,2,4-Trichlorobenzene	15.394	180	10759	2.073	ug/l	99
94) Hexachlorobutadiene	15.506	225	1726	0.579	ug/l	92
95) Naphthalene	15.641	128	48576	3.177	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	13082	2.621	ug/l	100

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

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Abundance

TIC: VN076543.D\data.ms

Time-->

1800000

1700000

1600000

1500000

1400000

1300000

1200000

1100000

1000000

900000

800000

700000

600000

500000

400000

300000

200000

100000

0

3.00

4.00

5.00

6.00

7.00

8.00

9.00

10.00

11.00

12.00

13.00

14.00

15.00

16.00

Bromomethane, T

Acrolein, T

Carbon Disulfide, T

Methyl Acetate, T

Methylene Chloride, T

Tert butyl alcohol, T

Acrylonitrile, T

2-Butanone, T

Tetrahydrofuran, T

1,1-Dichloropropene, T

Dibromofluoromethane, S

1,2-Dichloroethane-d4, S

1,4-Difluorobenzene, I

Trichloroethene, TM

1,4-Dioxane, T

2-Chloroethyl Vinyl ether, T

4-Methyl-2-Pentanone, T

Tetralone, T

1,2-Dichlorobenzene, PM

Chlorobenzene-d5, I

Nitrobenzene, T

1,2-Dichlorobenzene, T

1,3-Dichlorobenzene, T

1,4-Dichlorobenzene, T

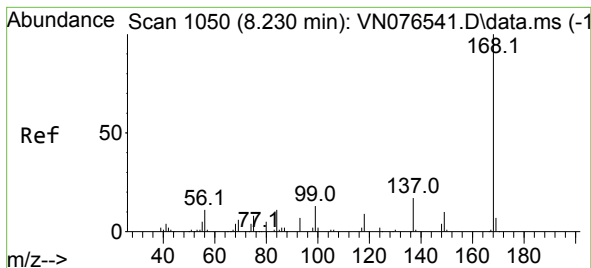
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1,2,4-Trichlorobenzene, T

Hexachlorobutadiene, I

Napthalene, I

1,2,3-Trichlorobenzene, T



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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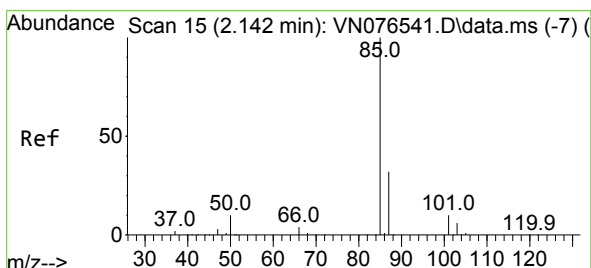
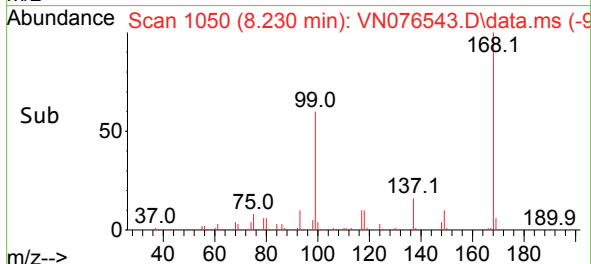
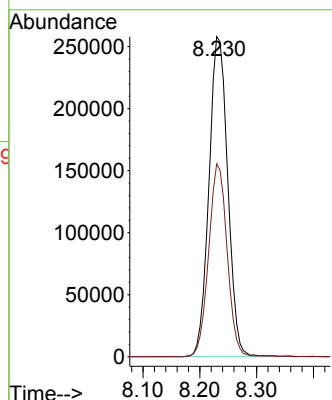
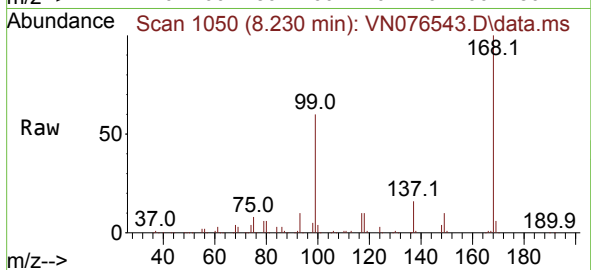
IBLK

Tgt Ion:168 Resp: 591639

Ion Ratio Lower Upper

168 100

99 60.3 47.1 70.7



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.142 min Scan# 15

Delta R.T. -0.000 min

Lab File: VN076543.D

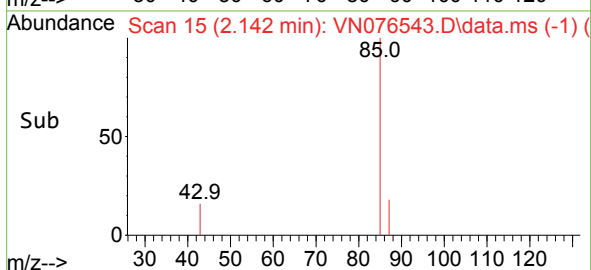
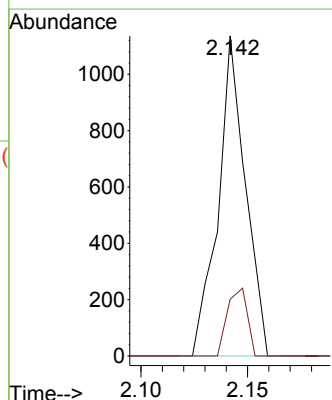
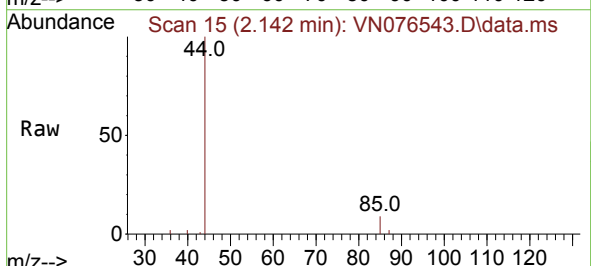
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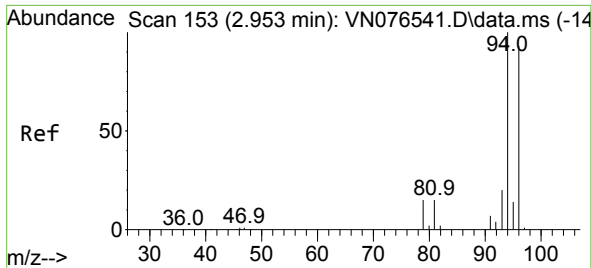
Tgt Ion: 85 Resp: 1011

Ion Ratio Lower Upper

85 100

87 17.7 16.2 48.6

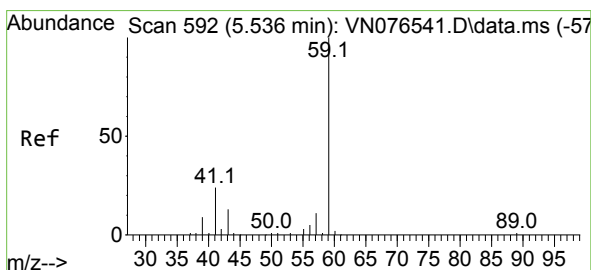
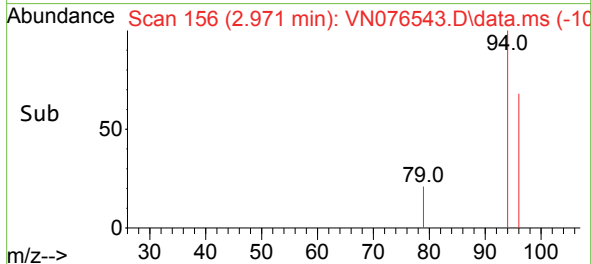
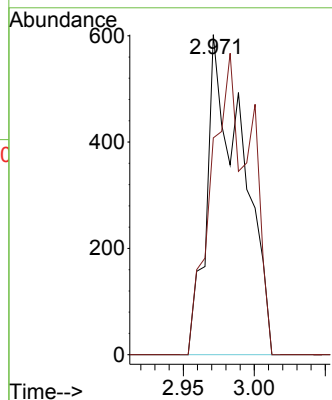
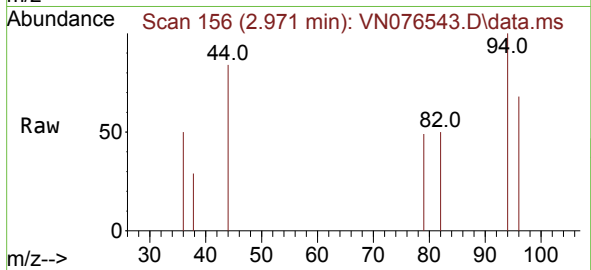




#5
Bromomethane
Concen: 0.276 ug/l
RT: 2.971 min Scan# 156
Delta R.T. 0.018 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

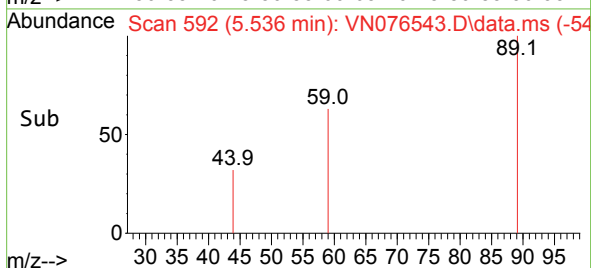
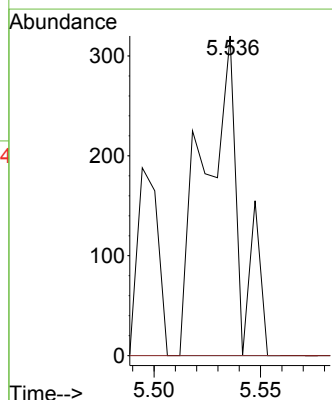
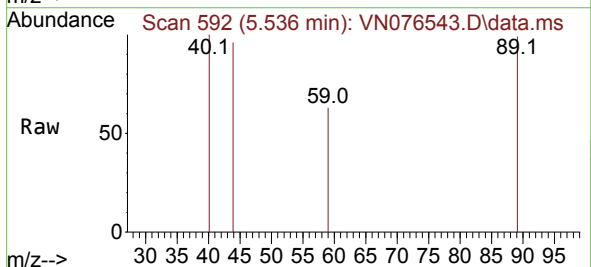
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IBLK

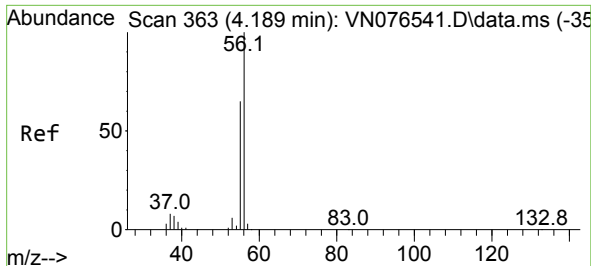
Tgt Ion: 94 Resp: 1048
Ion Ratio Lower Upper
94 100
96 67.8 74.1 111.1#



#11
Tert butyl alcohol
Concen: 0.390 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion: 59 Resp: 374
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 1.126 ug/l

RT: 4.206 min Scan# 3

Delta R.T. 0.017 min

Lab File: VN076543.D

Acq: 06 Feb 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

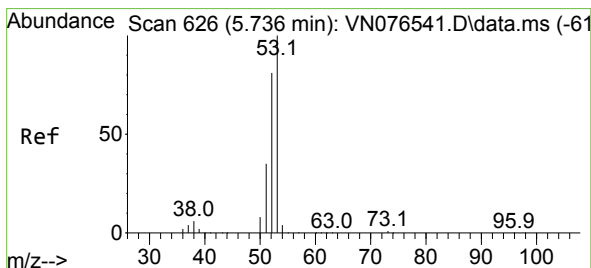
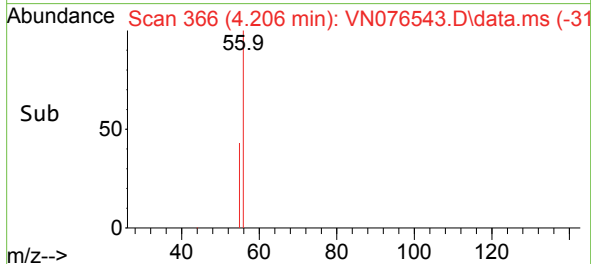
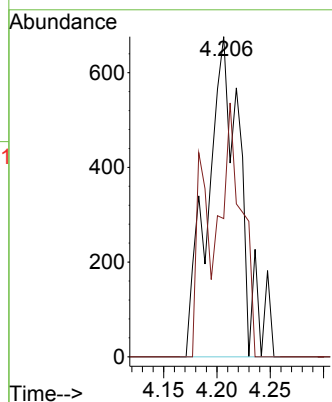
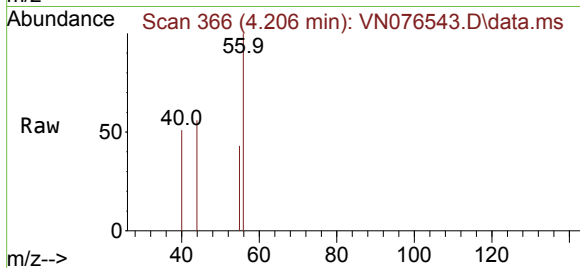
IBLK

Tgt Ion: 56 Resp: 1470

Ion Ratio Lower Upper

56 100

55 49.0 55.4 83.2#



#15

Acrylonitrile

Concen: 0.371 ug/l

RT: 5.730 min Scan# 625

Delta R.T. -0.006 min

Lab File: VN076543.D

Acq: 06 Feb 2023 14:46

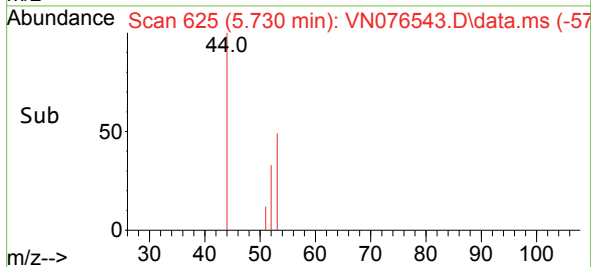
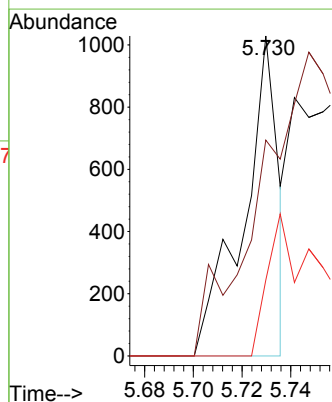
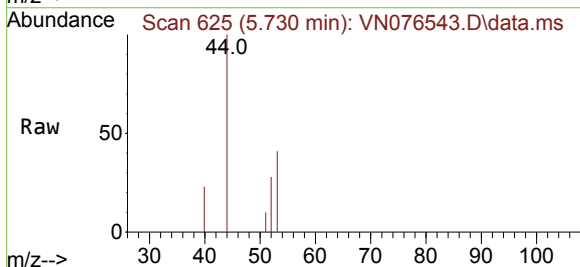
Tgt Ion: 53 Resp: 1035

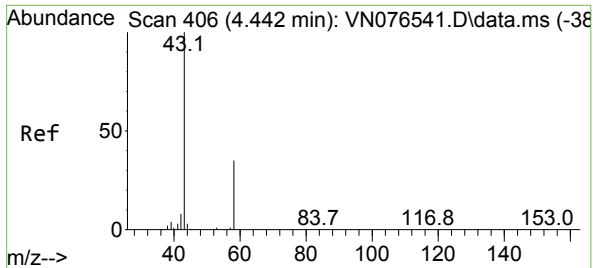
Ion Ratio Lower Upper

53 100

52 264.7 65.0 97.4#

51 75.9 28.7 43.1#





#16

Acetone

Concen: Below Cal

RT: 4.465 min Scan# 410

Delta R.T. 0.023 min

Lab File: VN076543.D

Acq: 06 Feb 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

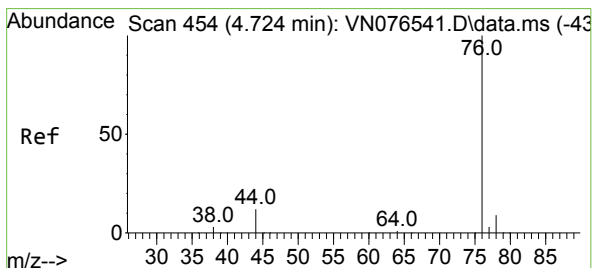
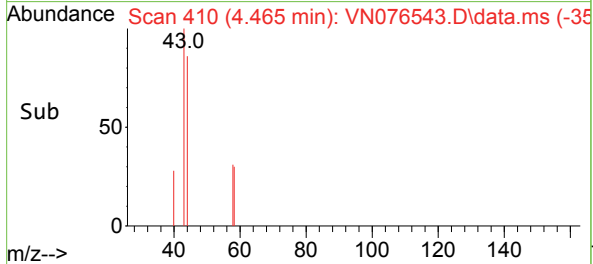
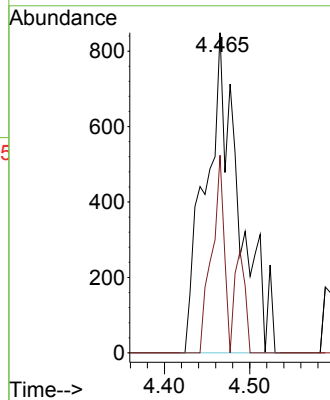
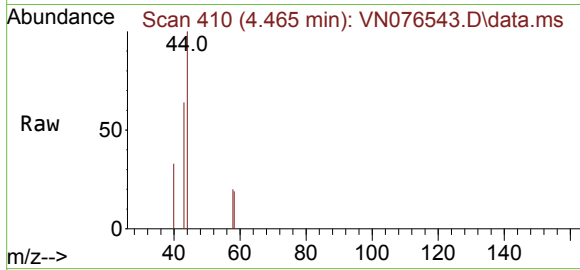
IBLK

Tgt Ion: 43 Resp: 2320

Ion Ratio Lower Upper

43 100

58 61.7 28.3 42.5#



#17

Carbon Disulfide

Concen: 0.576 ug/l

RT: 4.724 min Scan# 454

Delta R.T. 0.000 min

Lab File: VN076543.D

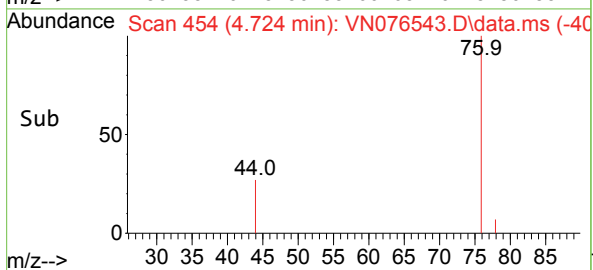
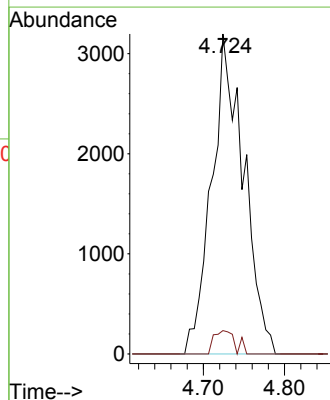
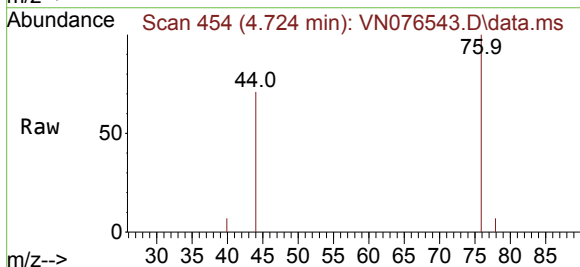
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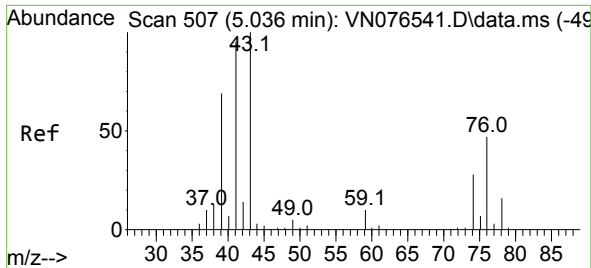
Tgt Ion: 76 Resp: 8766

Ion Ratio Lower Upper

76 100

78 7.3 7.4 11.0#

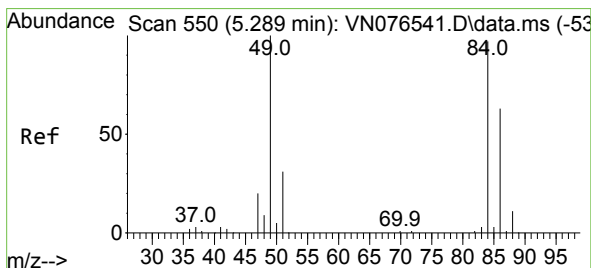
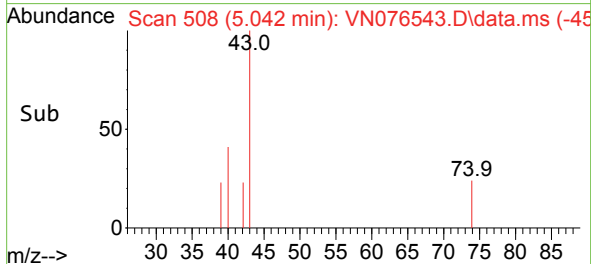
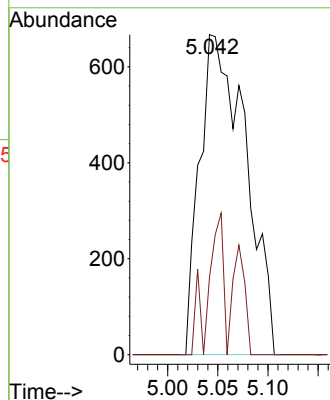
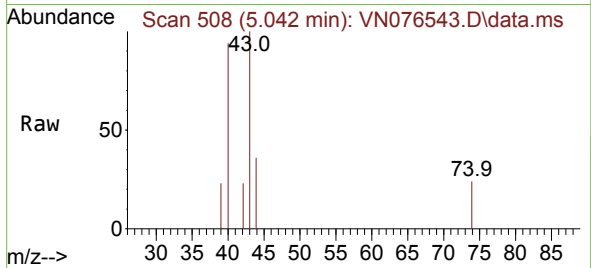




#18
Methyl Acetate
Concen: 0.283 ug/l
RT: 5.042 min Scan# 507
Delta R.T. 0.006 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

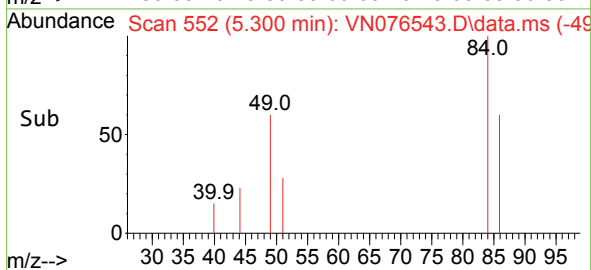
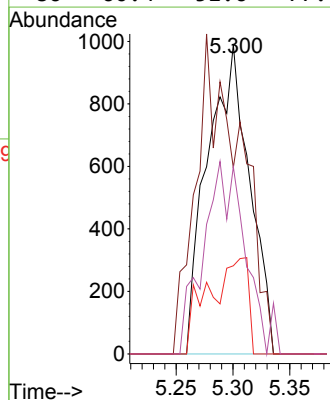
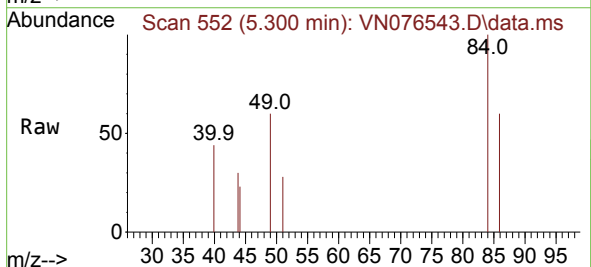
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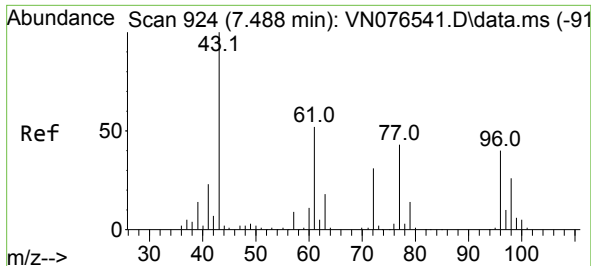
Tgt Ion: 43 Resp: 2127
Ion Ratio Lower Upper
43 100
74 14.7 23.6 35.4#



#20
Methylene Chloride
Concen: 0.356 ug/l
RT: 5.300 min Scan# 552
Delta R.T. 0.012 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion: 84 Resp: 2537
Ion Ratio Lower Upper
84 100
49 60.1 82.3 123.5#
51 28.5 25.9 38.9
86 60.4 51.6 77.4





#25

2-Butanone

Concen: 0.747 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN076543.D

Acq: 06 Feb 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

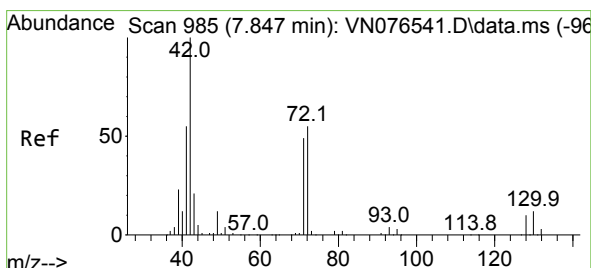
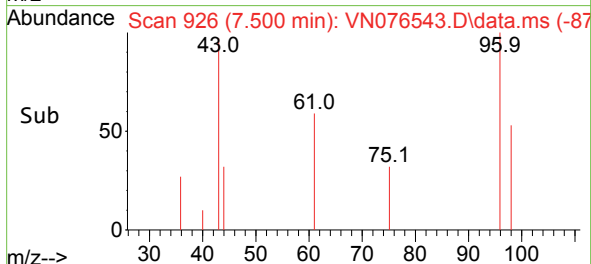
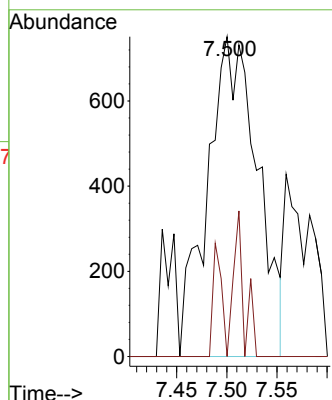
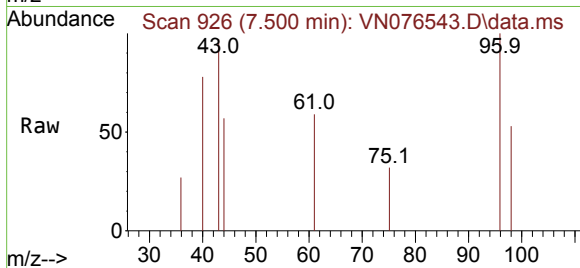
IBLK

Tgt Ion: 43 Resp: 2600

Ion Ratio Lower Upper

43 100

72 0.0 24.8 37.2#



#29

Tetrahydrofuran

Concen: 0.362 ug/l

RT: 7.859 min Scan# 987

Delta R.T. 0.012 min

Lab File: VN076543.D

Acq: 06 Feb 2023 14:46

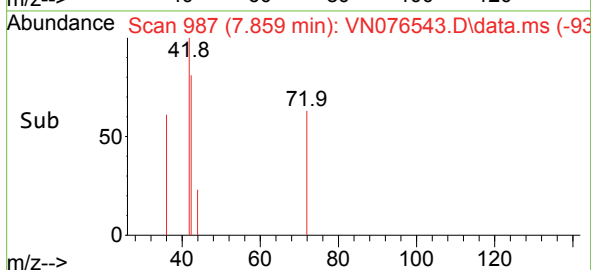
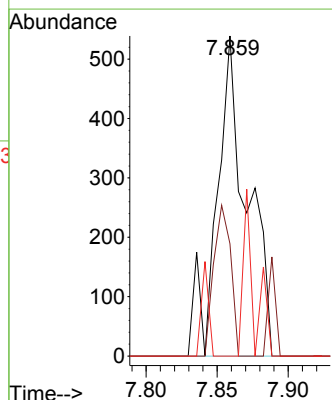
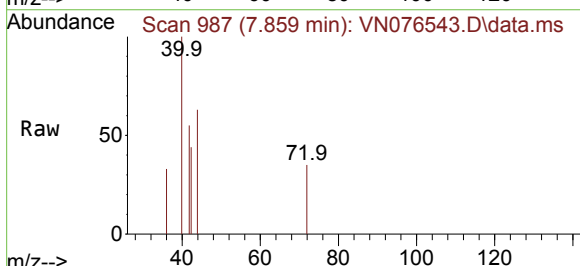
Tgt Ion: 42 Resp: 803

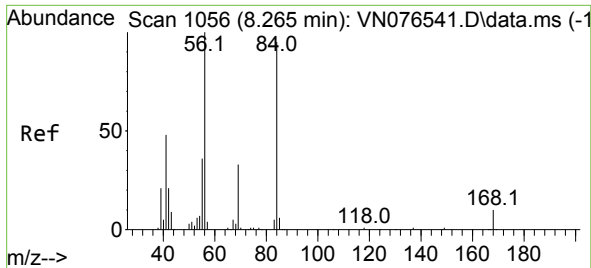
Ion Ratio Lower Upper

42 100

72 26.3 43.4 65.2#

71 7.0 39.4 59.2#

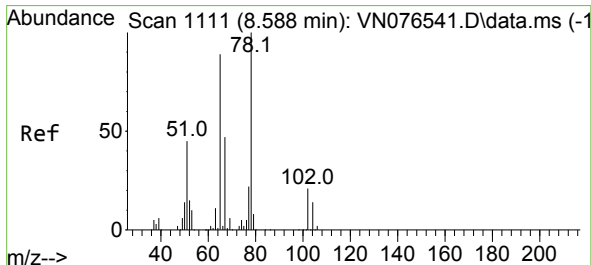
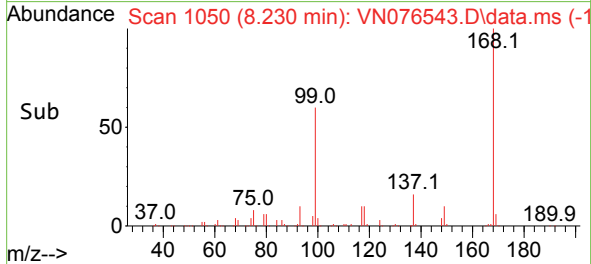
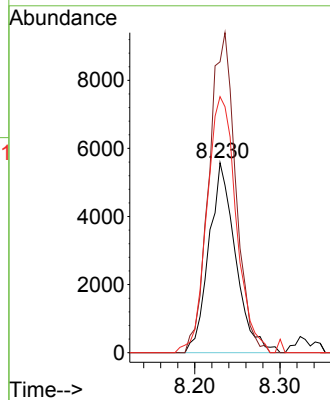
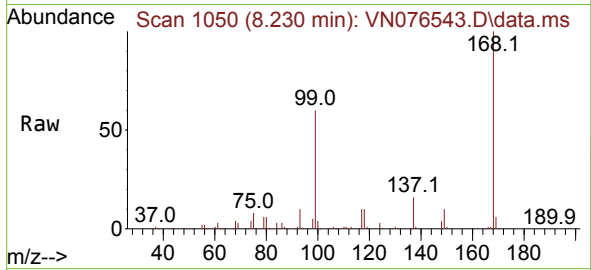




#31
Cyclohexane
Concen: 1.099 ug/l
RT: 8.230 min Scan# 1056
Delta R.T. -0.035 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

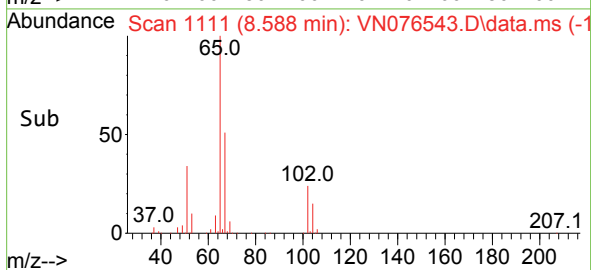
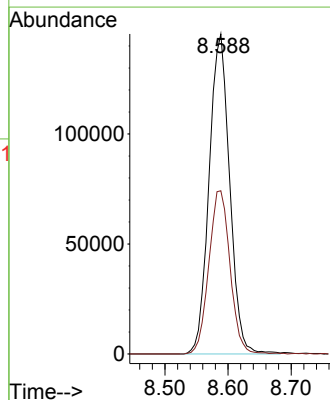
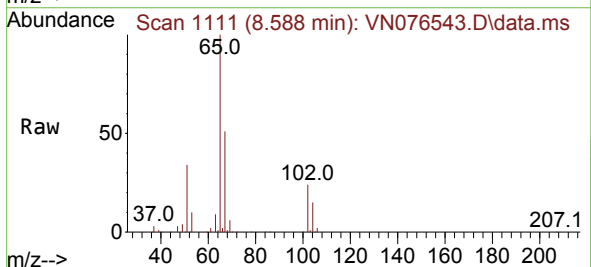
Instrument :
MSVOA_N
ClientSampleId :
IBLK

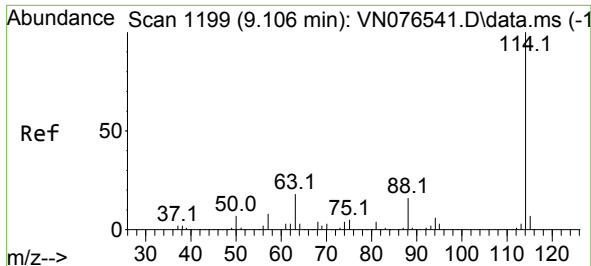
Tgt Ion: 56 Resp: 12108
Ion Ratio Lower Upper
56 100
69 153.1 26.5 39.7#
84 132.0 76.2 114.4#



#33
1,2-Dichloroethane-d4
Concen: 46.686 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion: 65 Resp: 328885
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.4

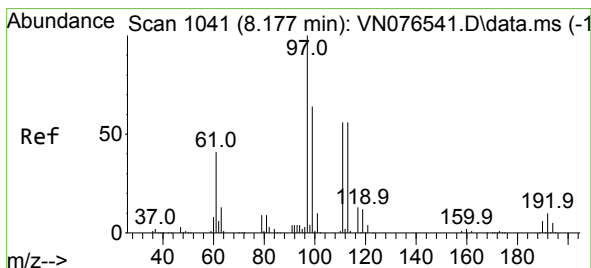
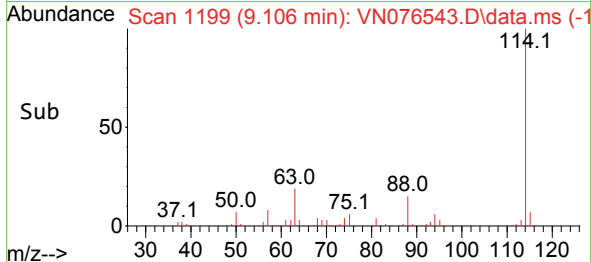
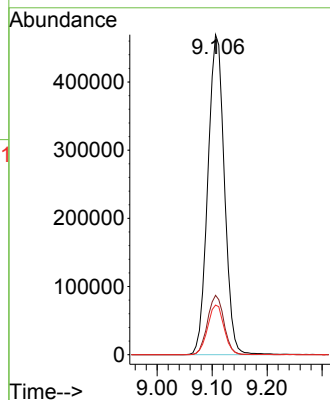
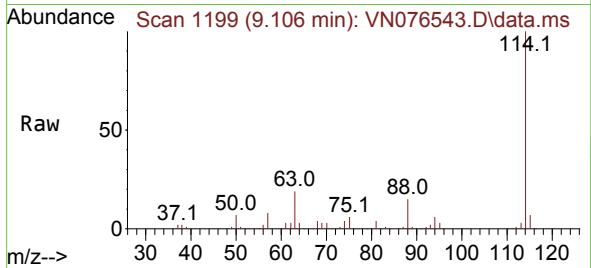




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

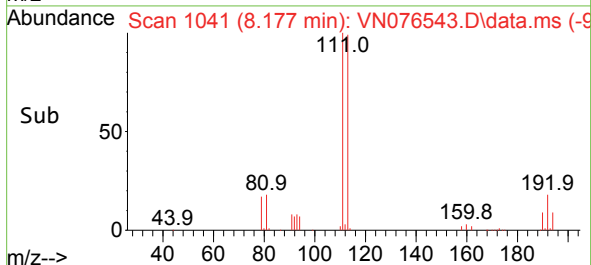
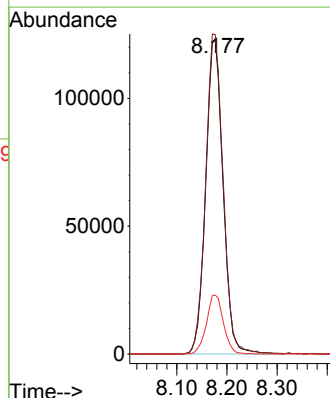
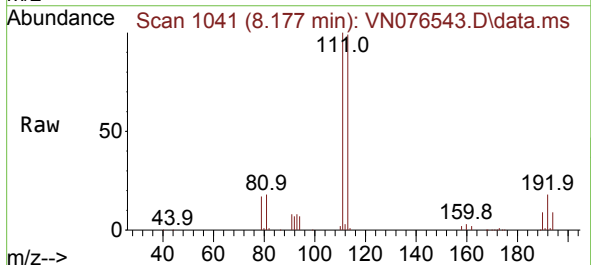
Instrument :
MSVOA_N
ClientSampleId :
IBLK

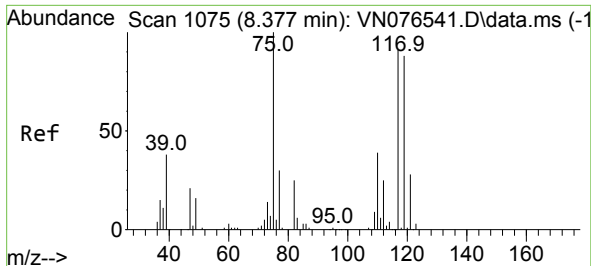
Tgt Ion:114 Resp: 980705
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 15.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.709 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion:113 Resp: 295613
Ion Ratio Lower Upper
113 100
111 102.7 81.5 122.3
192 18.3 15.0 22.4





#36

1,1-Dichloropropene

Concen: 0.206 ug/l

RT: 8.394 min Scan# 1078

Delta R.T. 0.018 min

Lab File: VN076543.D

Acq: 06 Feb 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

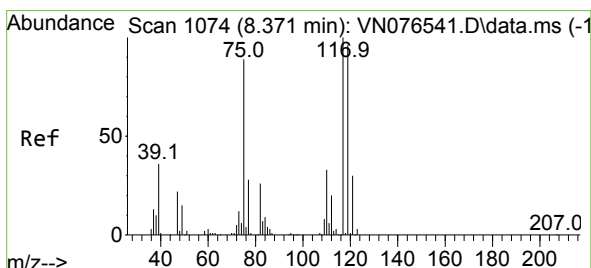
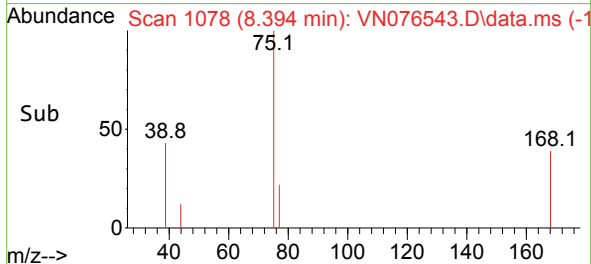
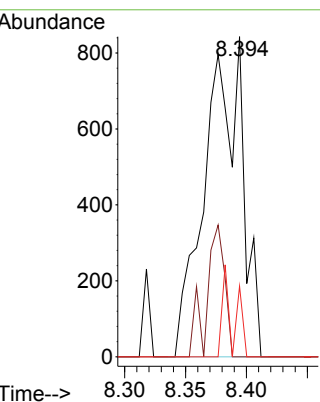
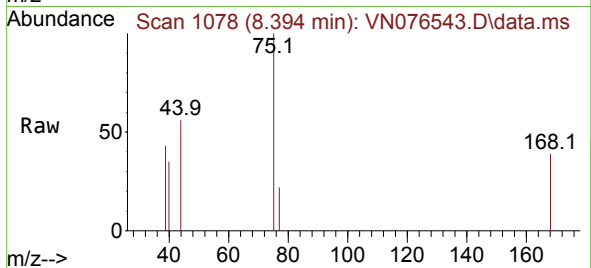
Tgt Ion: 75 Resp: 1790

Ion Ratio Lower Upper

75 100

110 20.1 18.6 55.6

77 8.4 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.401 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN076543.D

Acq: 06 Feb 2023 14:46

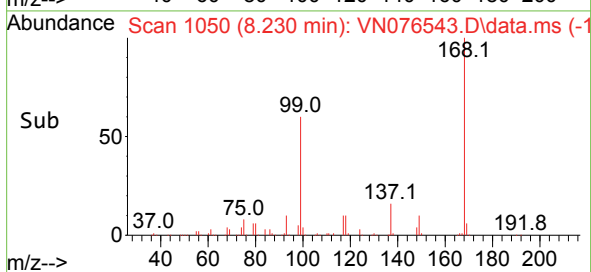
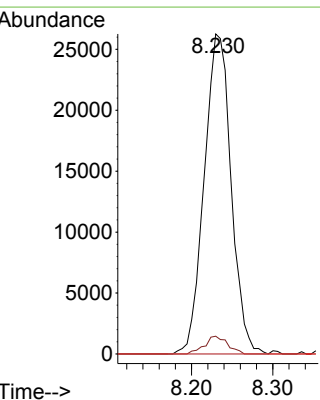
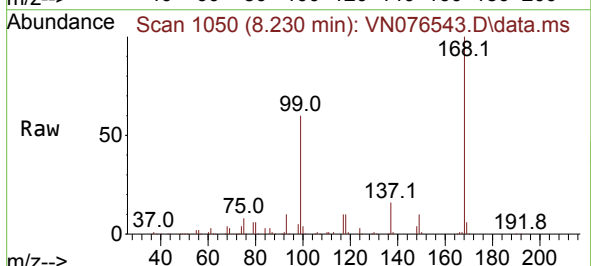
Tgt Ion: 117 Resp: 60477

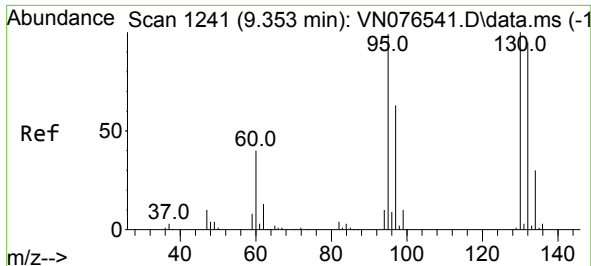
Ion Ratio Lower Upper

117 100

119 5.6 76.5 114.7#

121 0.0 24.2 36.4#

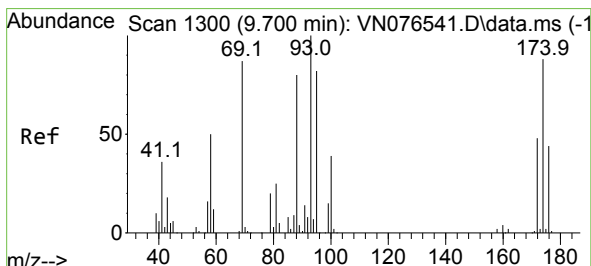
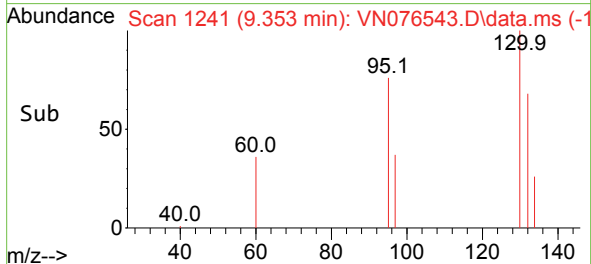
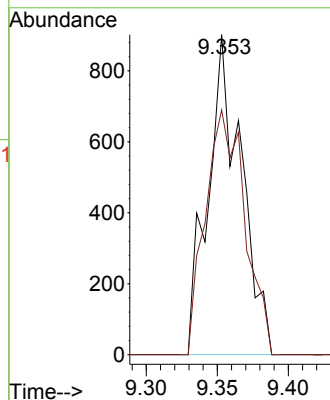
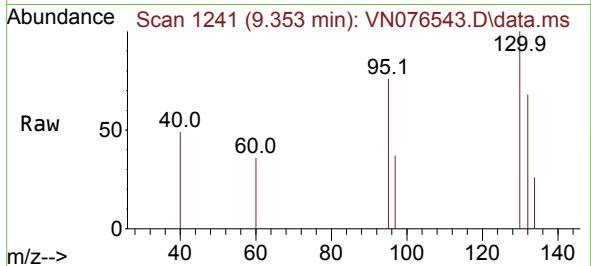




#44
Trichloroethene
Concen: 0.208 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

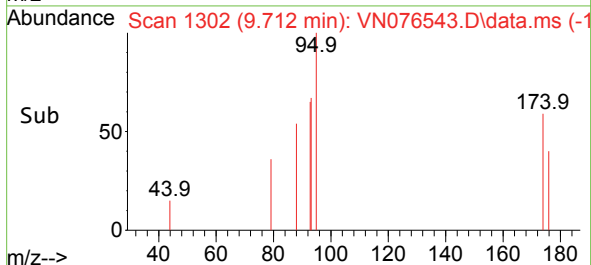
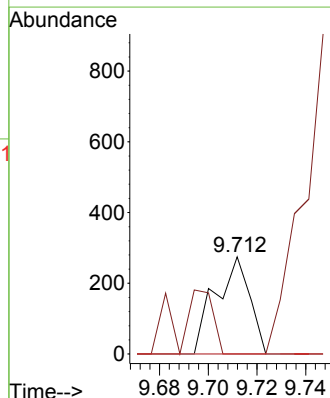
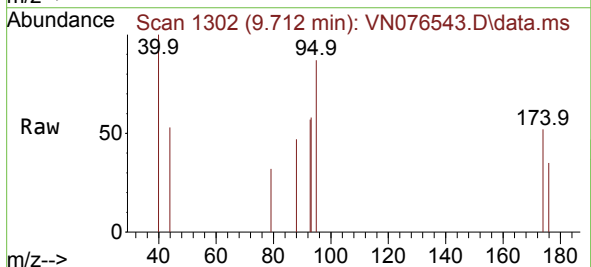
Instrument :
MSVOA_N
ClientSampleId :
IBLK

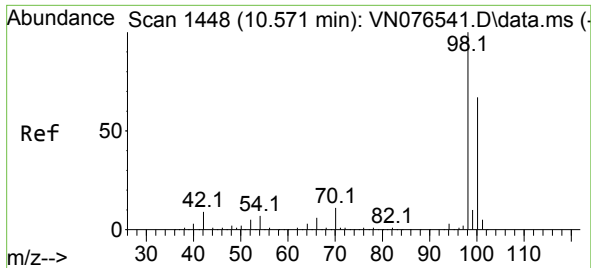
Tgt Ion:130 Resp: 1471
Ion Ratio Lower Upper
130 100
95 76.5 0.0 197.6



#49
1,4-Dioxane
Concen: 2.133 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. 0.012 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion: 88 Resp: 270
Ion Ratio Lower Upper
88 100
43 68.9 0.0 0.0#
58 0.0 51.1 76.7#

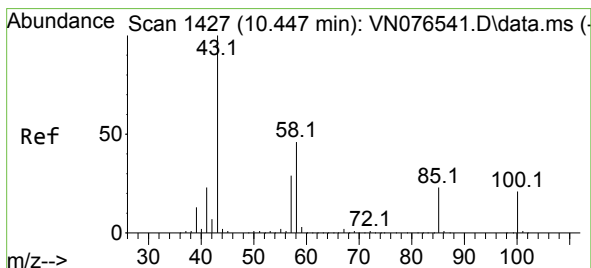
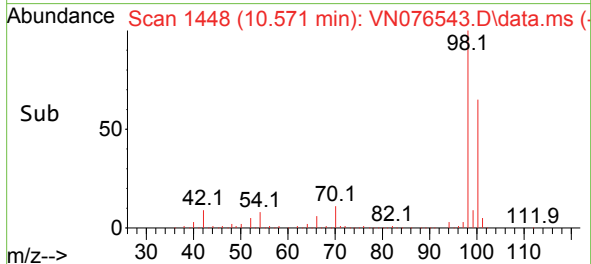
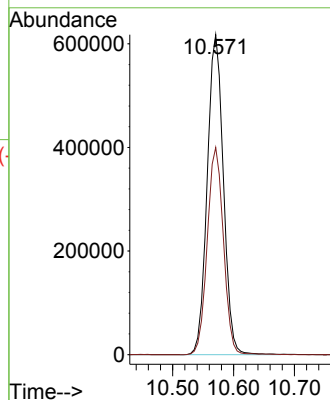
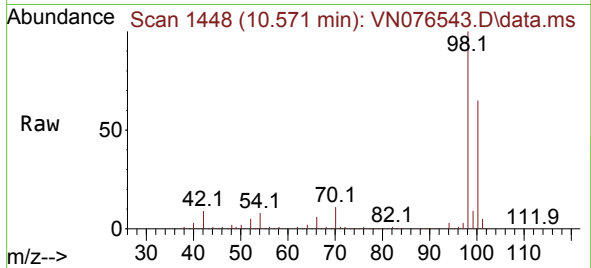




#50
Toluene-d8
Concen: 49.354 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

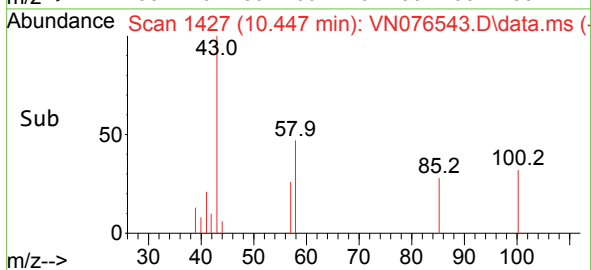
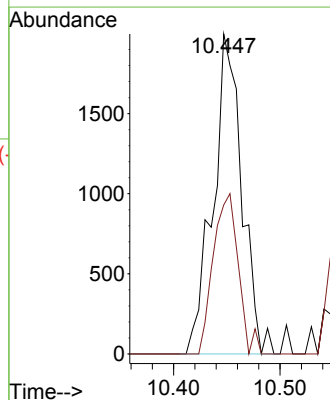
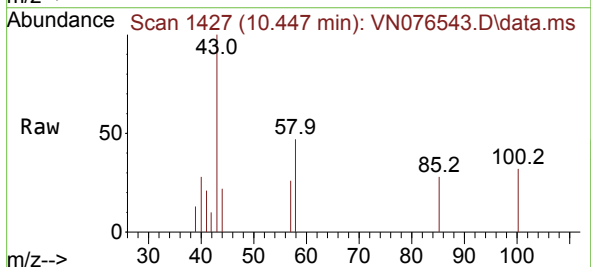
Instrument :
MSVOA_N
ClientSampleId :
IBLK

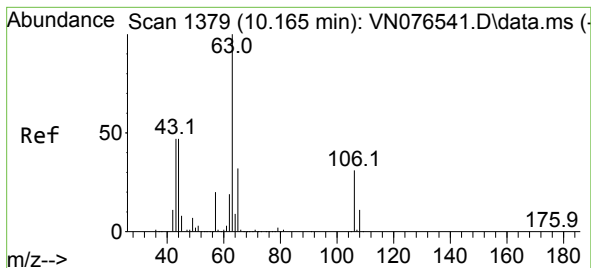
Tgt Ion: 98 Resp: 1138011
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion: 43 Resp: 3745
Ion Ratio Lower Upper
43 100
58 43.5 36.4 54.6

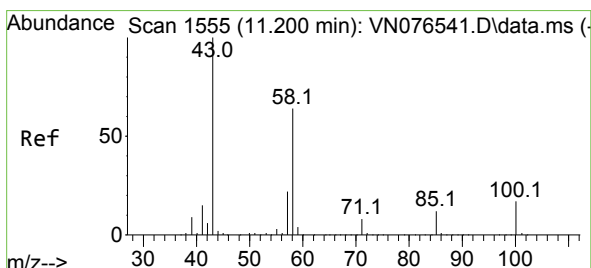
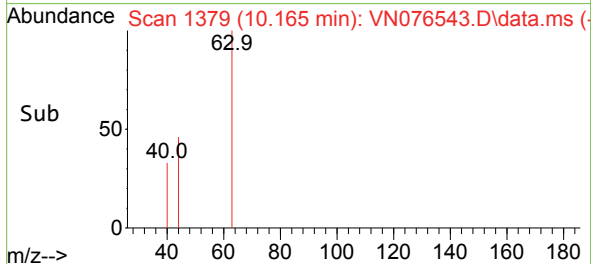
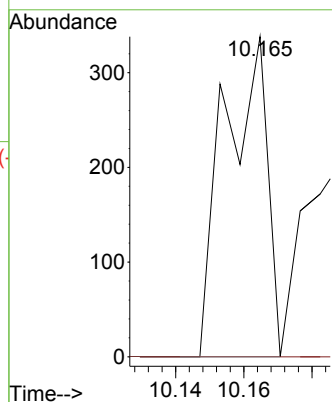
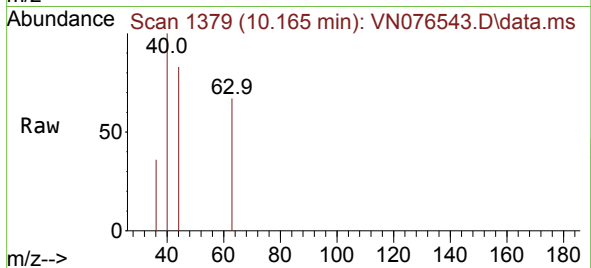




#58
2-Chloroethyl Vinyl ether
Concen: 5.471 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

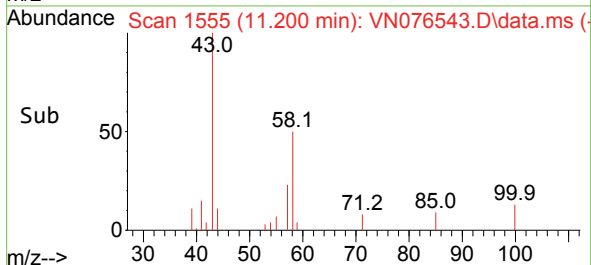
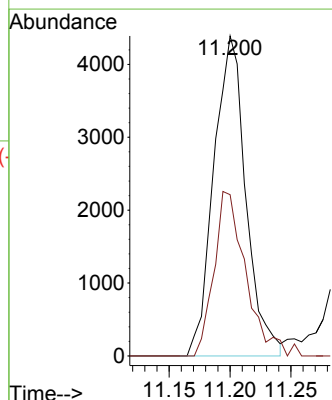
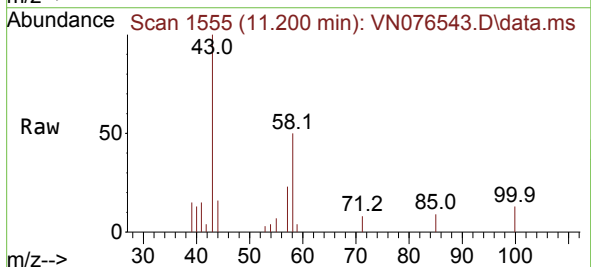
Instrument :
MSVOA_N
ClientSampleId :
IBLK

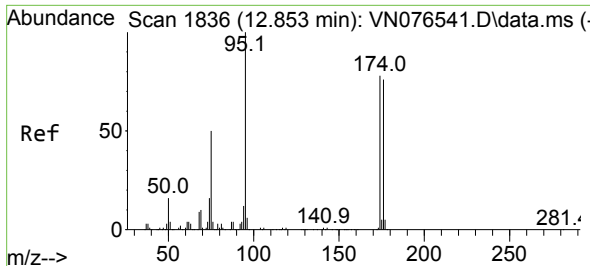
Tgt Ion: 63 Resp: 293
Ion Ratio Lower Upper
63 100
106 0.0 25.0 37.6#



#59
2-Hexanone
Concen: 1.645 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion: 43 Resp: 8056
Ion Ratio Lower Upper
43 100
58 51.1 31.9 95.7

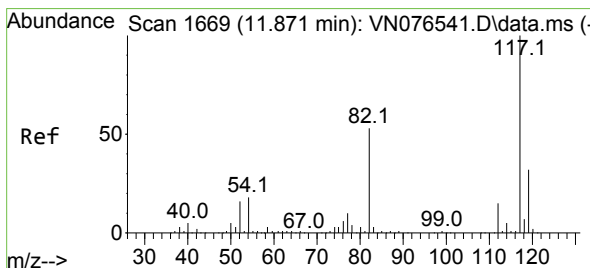
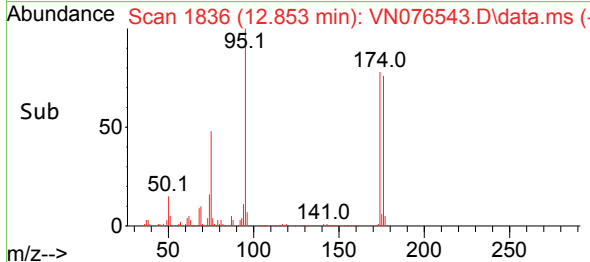
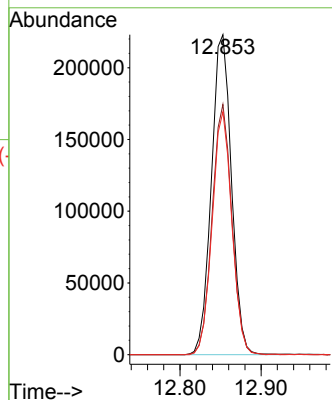
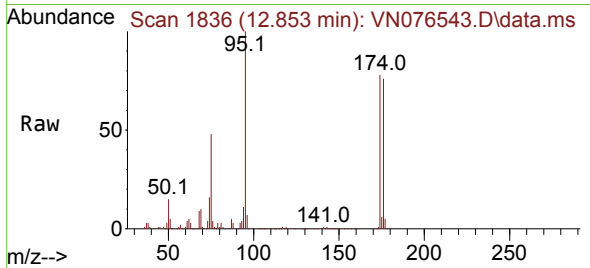




#62
4-Bromofluorobenzene
Concen: 47.946 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

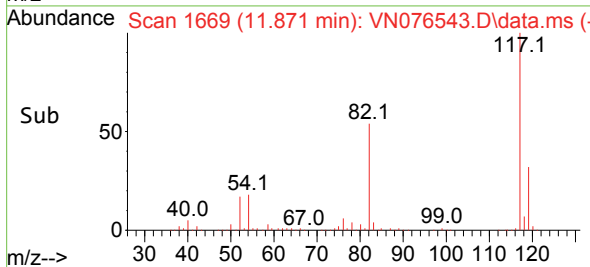
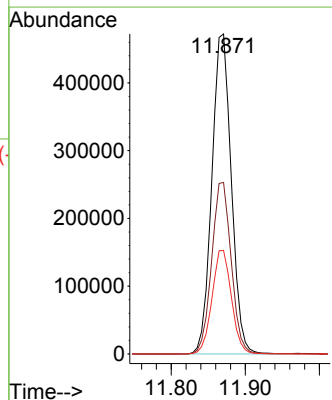
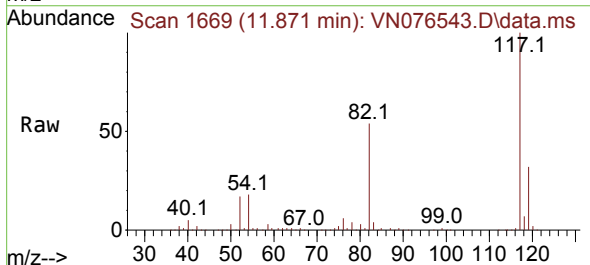
Instrument :
MSVOA_N
ClientSampleId :
IBLK

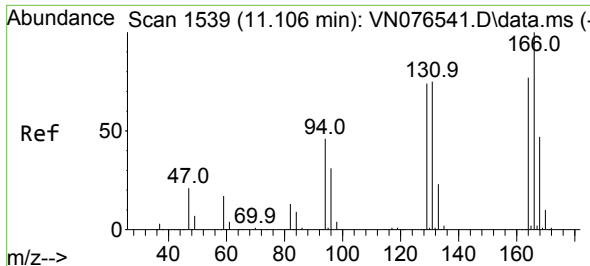
Tgt Ion: 95 Resp: 383166
Ion Ratio Lower Upper
95 100
174 76.9 0.0 153.4
176 74.3 0.0 149.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion: 117 Resp: 860939
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 32.4 25.8 38.8

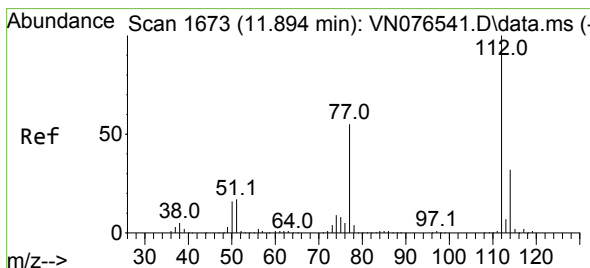
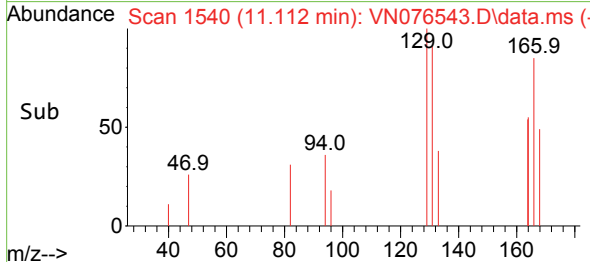
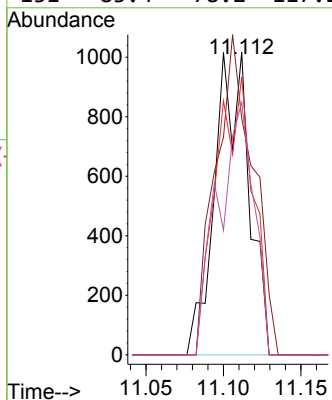
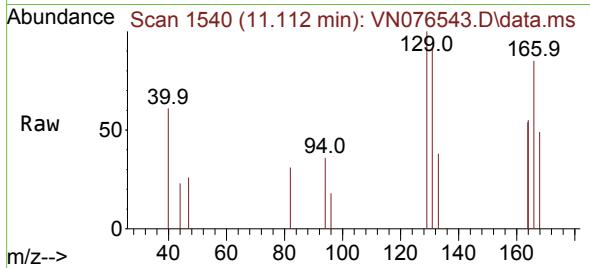




#64
Tetrachloroethene
Concen: 0.212 ug/l
RT: 11.112 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

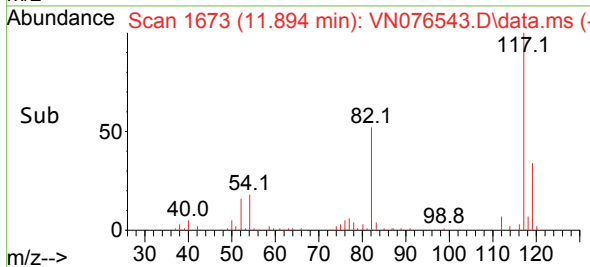
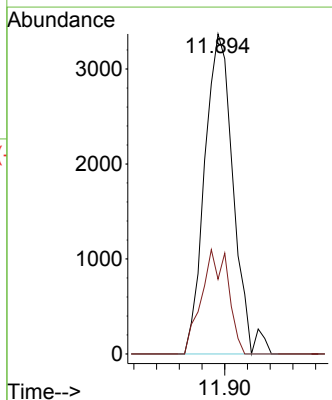
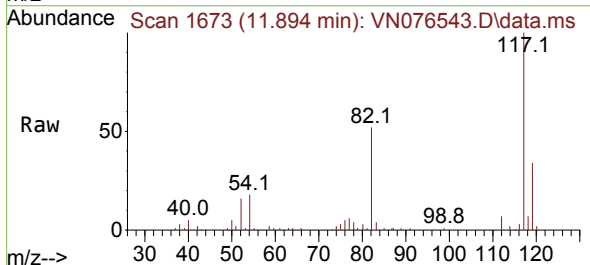
Instrument :
MSVOA_N
ClientSampleId :
IBLK

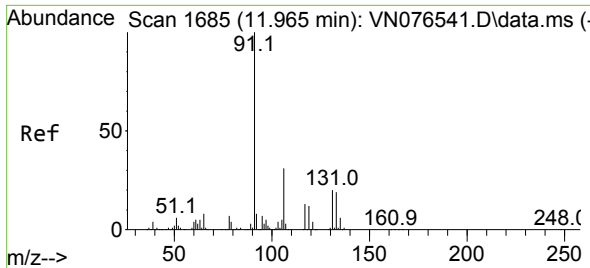
Tgt Ion:164 Resp: 1544
Ion Ratio Lower Upper
164 100
166 78.1 104.3 156.5#
129 91.8 77.7 116.5
131 83.4 78.2 117.2



#65
Chlorobenzene
Concen: 0.331 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion:112 Resp: 5890
Ion Ratio Lower Upper
112 100
114 23.4 25.8 38.8#

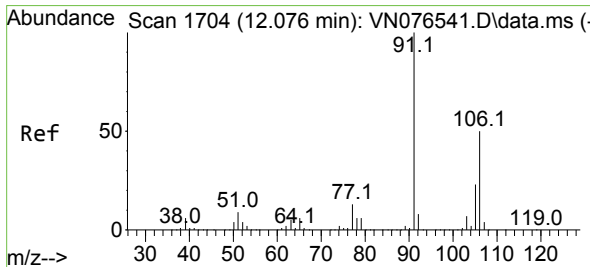
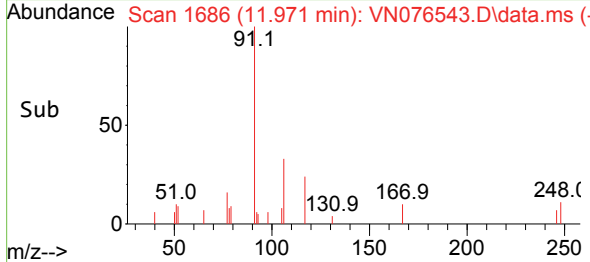
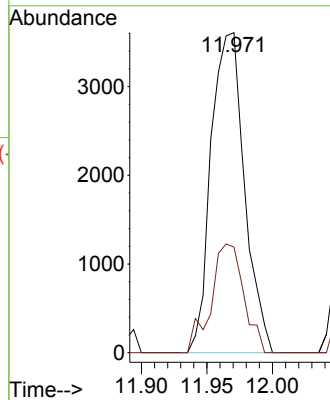
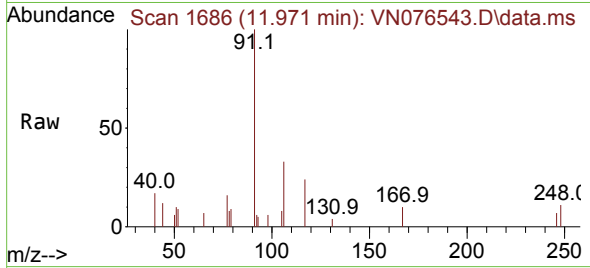




#67
Ethyl Benzene
Concen: 0.204 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

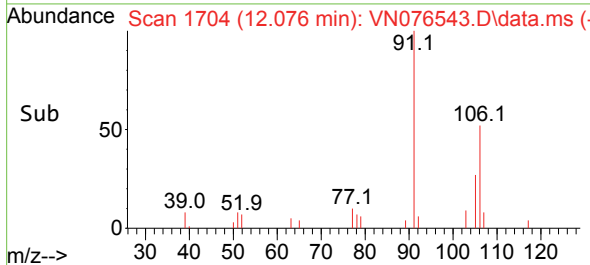
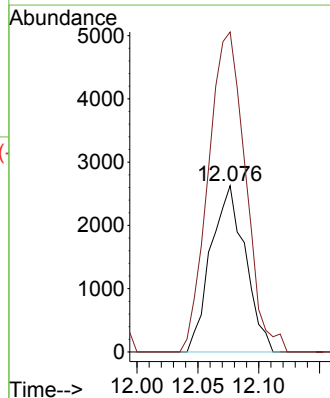
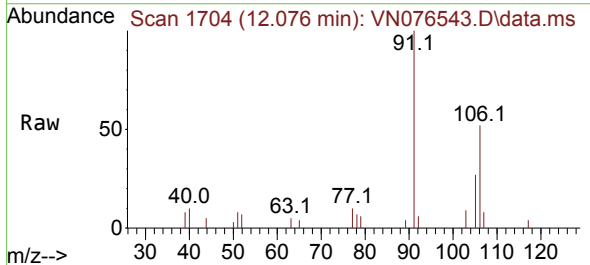
Instrument :
MSVOA_N
ClientSampleId :
IBLK

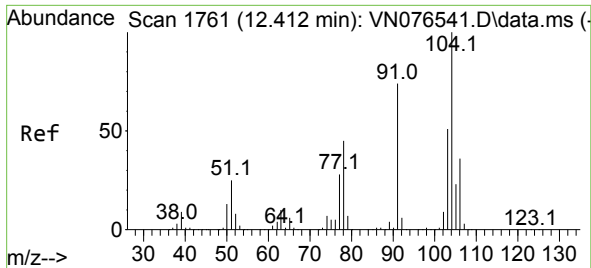
Tgt Ion: 91 Resp: 6391
Ion Ratio Lower Upper
91 100
106 33.0 25.0 37.6



#68
m/p-Xylenes
Concen: 0.425 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion: 106 Resp: 5170
Ion Ratio Lower Upper
106 100
91 207.7 160.2 240.4

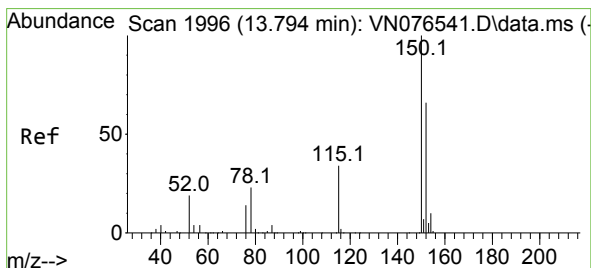
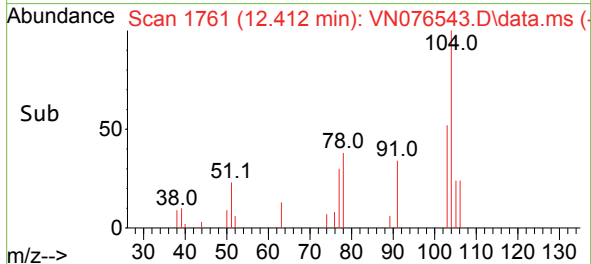
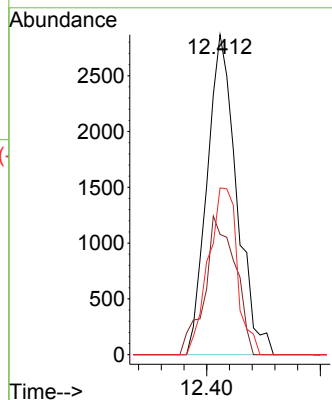
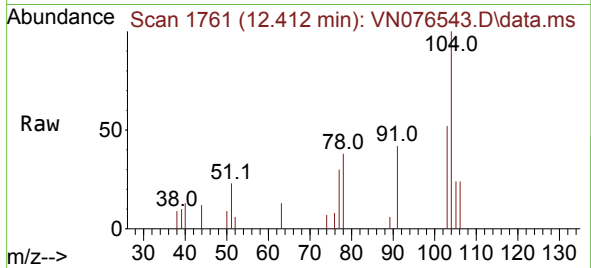




#70
Styrene
Concen: 0.272 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

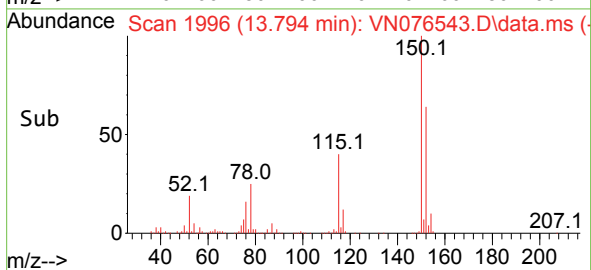
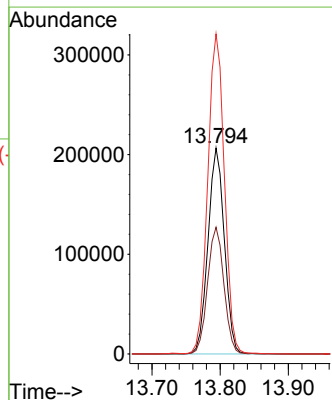
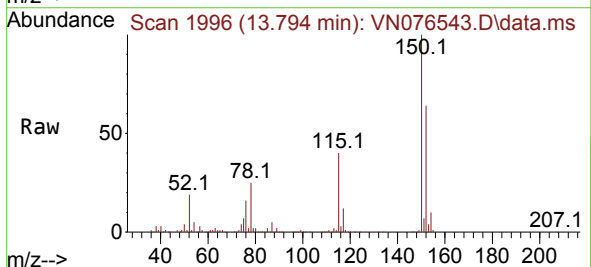
Instrument :
MSVOA_N
ClientSampleId :
IBLK

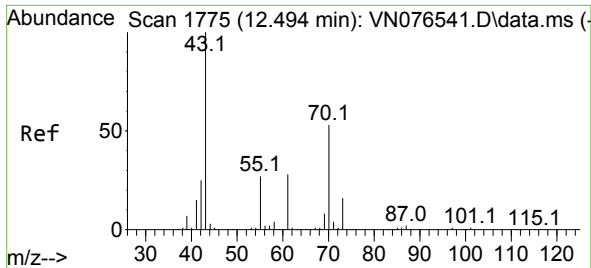
Tgt Ion:104 Resp: 5172
Ion Ratio Lower Upper
104 100
78 44.7 38.6 58.0
103 51.1 43.6 65.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion:152 Resp: 345520
Ion Ratio Lower Upper
152 100
115 61.5 30.5 91.5
150 158.0 0.0 352.0

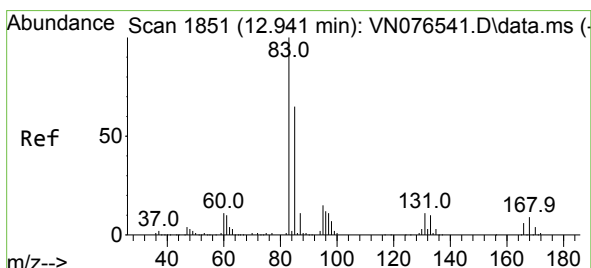
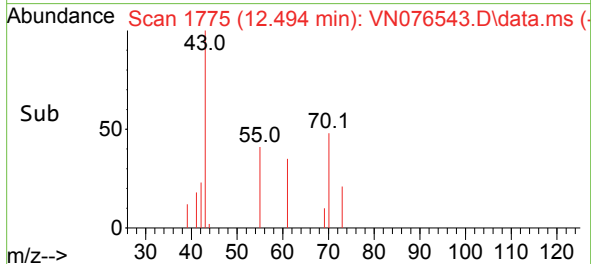
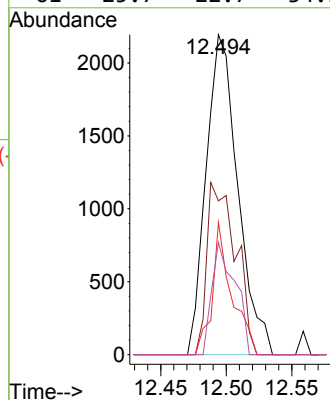
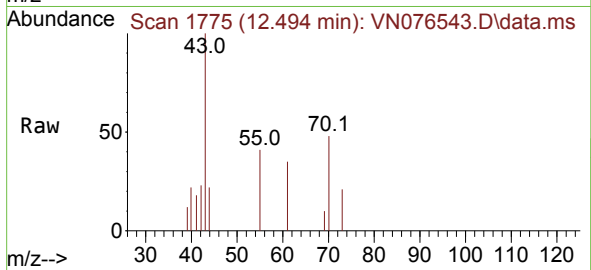




#74
N-amy1 acetate
Concen: 0.460 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

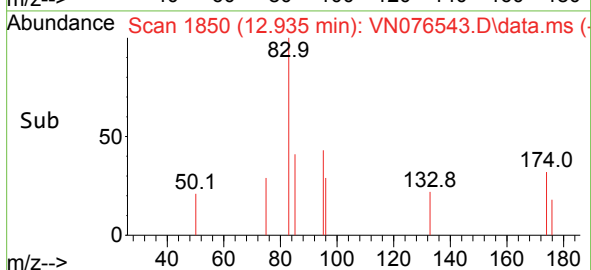
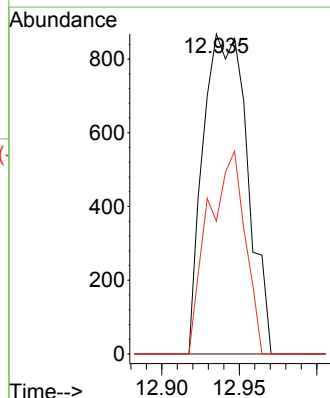
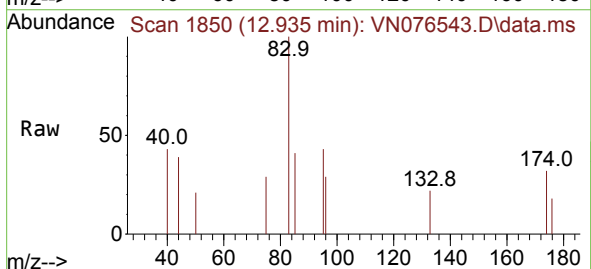
Instrument :
MSVOA_N
ClientSampleId :
IBLK

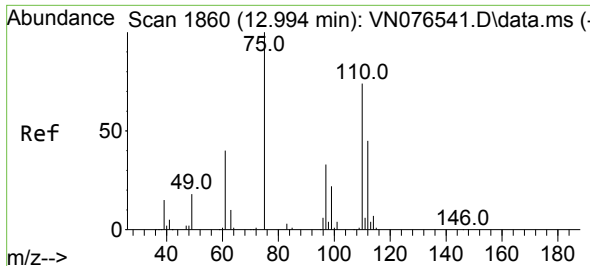
Tgt Ion: 43	Resp:	3692	
Ion	Ratio	Lower	Upper
43	100		
70	48.9	42.6	64.0
55	25.3	22.3	33.5
61	25.7	22.7	34.1



#75
1,1,2,2-Tetrachloroethane
Concen: 0.216 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion: 83	Resp:	1722	
Ion Ratio	Lower	Upper	
83 100			
131 0.0	5.5	16.7#	
85 52.6	32.3	96.8	

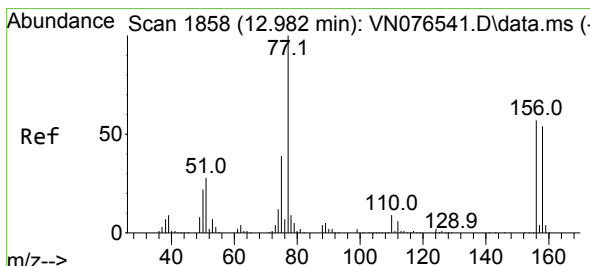
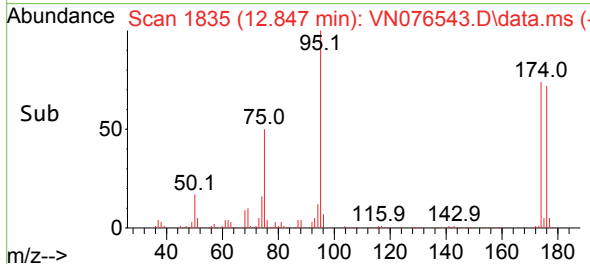
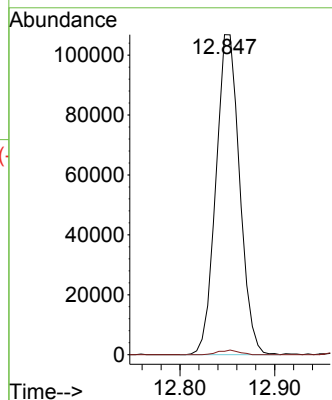
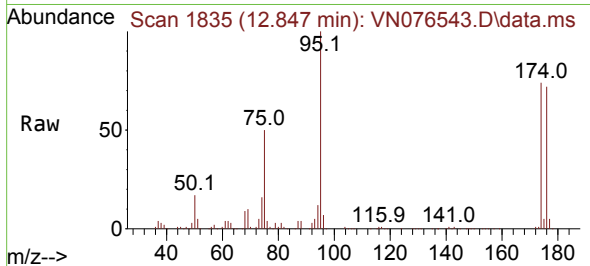




#76
1,2,3-Trichloropropane
Concen: 26.371 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

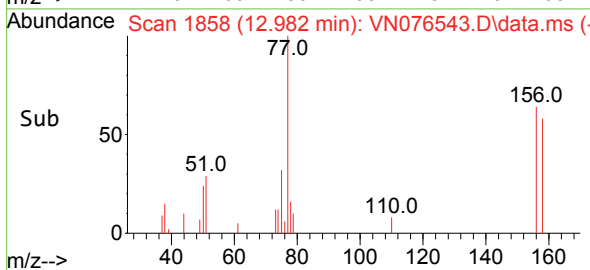
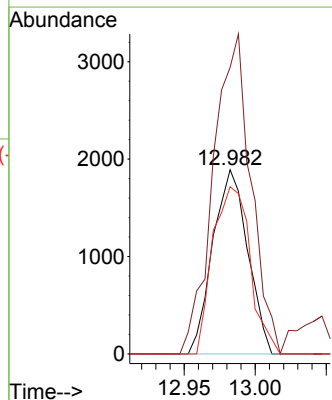
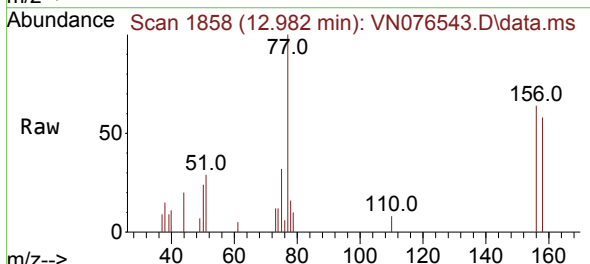
Instrument :
MSVOA_N
ClientSampleId :
IBLK

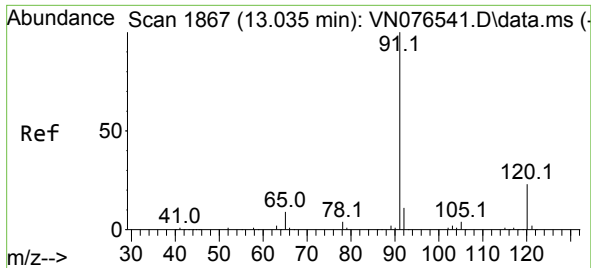
Tgt Ion: 75 Resp: 185849
Ion Ratio Lower Upper
75 100
77 1.3 86.8 260.3#



#77
Bromobenzene
Concen: 0.499 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion:156 Resp: 3233
Ion Ratio Lower Upper
156 100
77 187.0 101.2 303.6
158 96.9 48.5 145.6

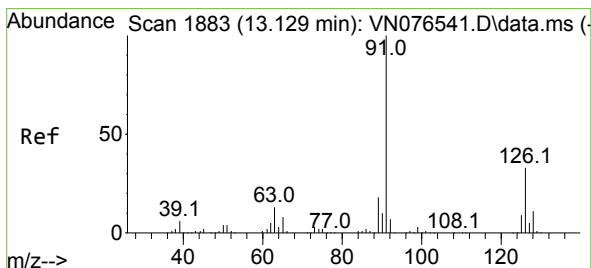
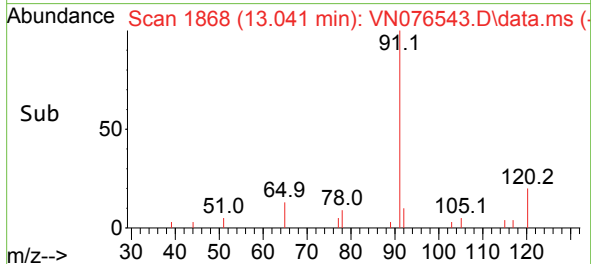
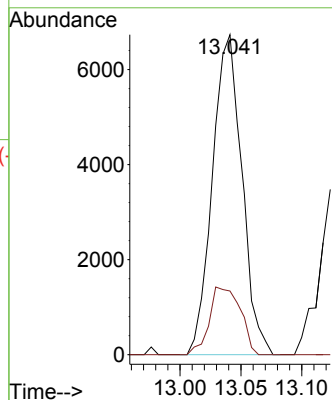
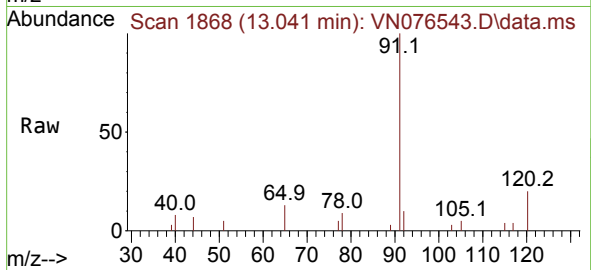




#78
n-propylbenzene
Concen: 0.371 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

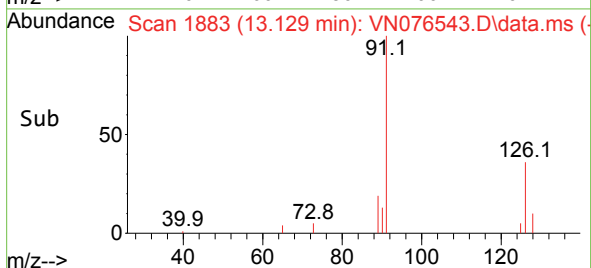
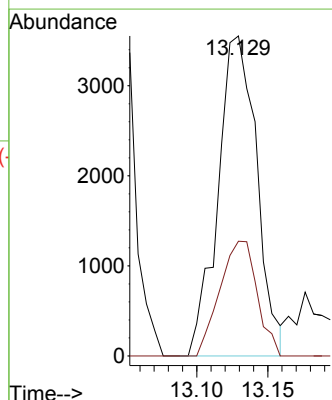
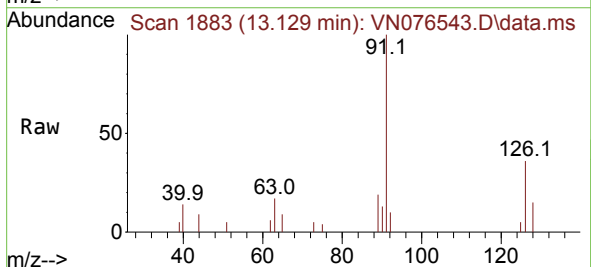
Instrument :
MSVOA_N
ClientSampleId :
IBLK

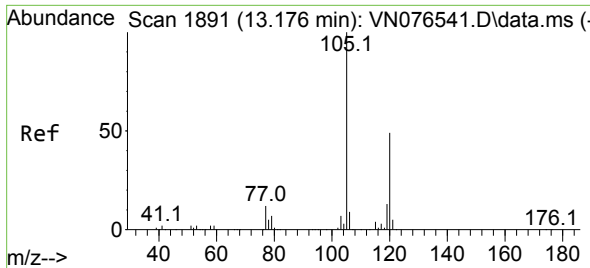
Tgt Ion: 91 Resp: 11365
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.5



#79
2-Chlorotoluene
Concen: 0.347 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion: 91 Resp: 6751
Ion Ratio Lower Upper
91 100
126 34.5 16.8 50.3

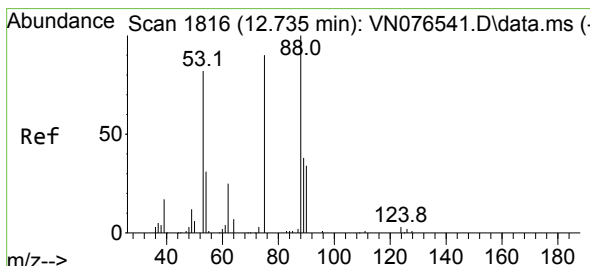
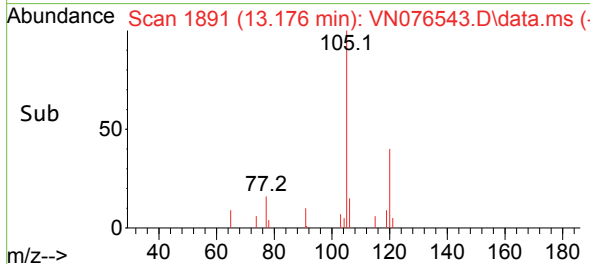
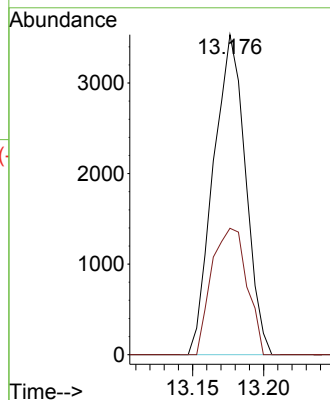
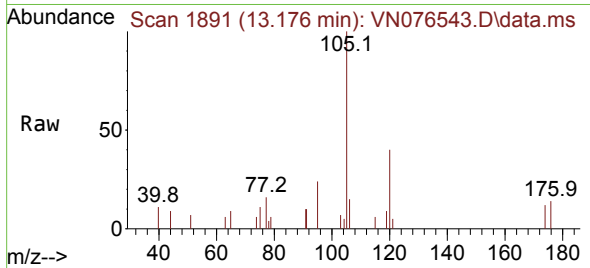




#80
 1,3,5-Trimethylbenzene
 Concen: 0.238 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN076543.D
 Acq: 06 Feb 2023 14:46

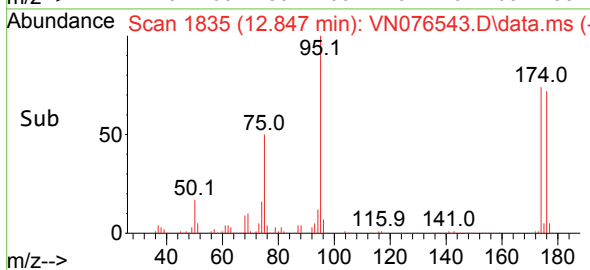
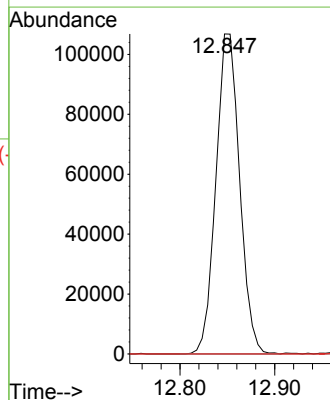
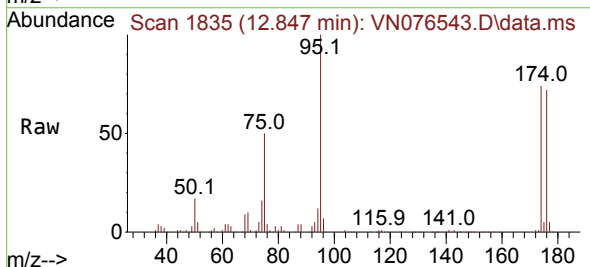
Instrument : MSVOA_N
 ClientSampleId : IBLK

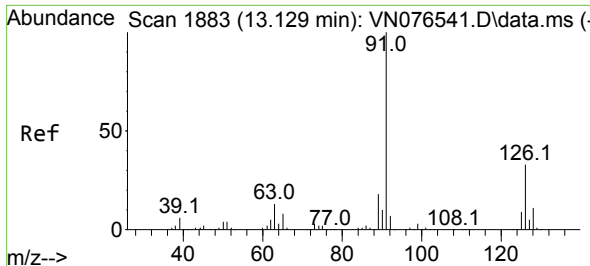
Tgt Ion:105 Resp: 5556
 Ion Ratio Lower Upper
 105 100
 120 43.4 24.2 72.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.815 ug/l
 RT: 12.847 min Scan# 1835
 Delta R.T. 0.112 min
 Lab File: VN076543.D
 Acq: 06 Feb 2023 14:46

Tgt Ion: 75 Resp: 185849
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.7 109.1#
 89 0.0 38.4 57.6#

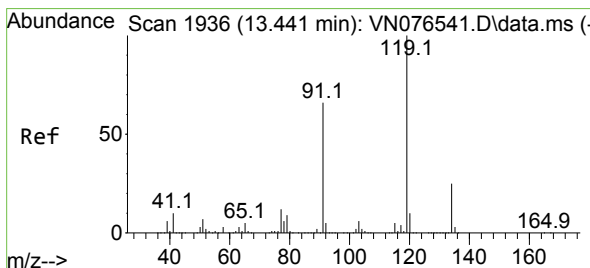
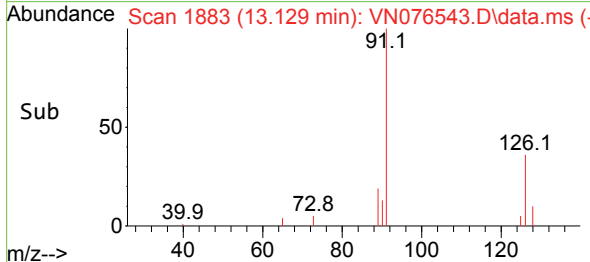
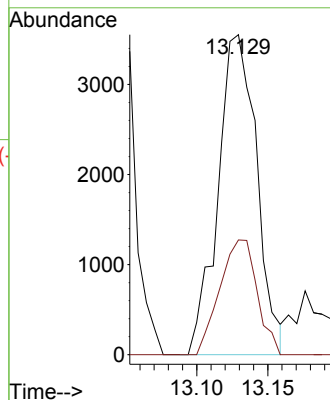
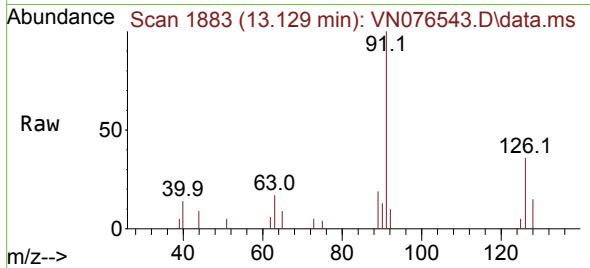




#82
4-Chlorotoluene
Concen: 0.347 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

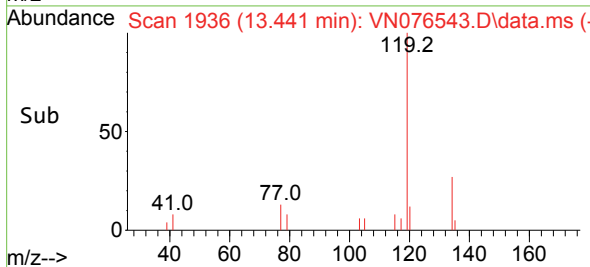
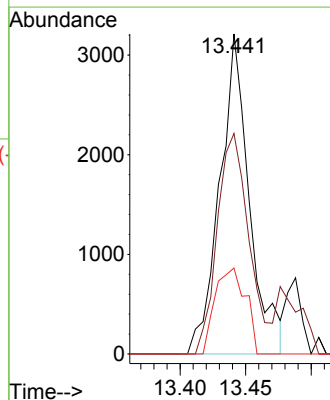
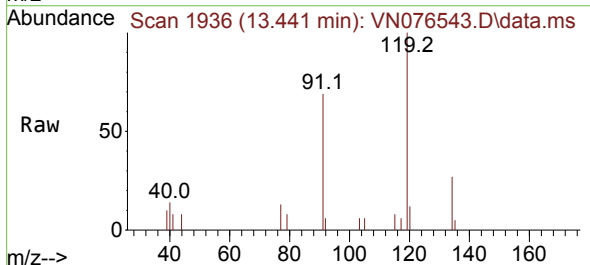
Instrument :
MSVOA_N
ClientSampleId :
IBLK

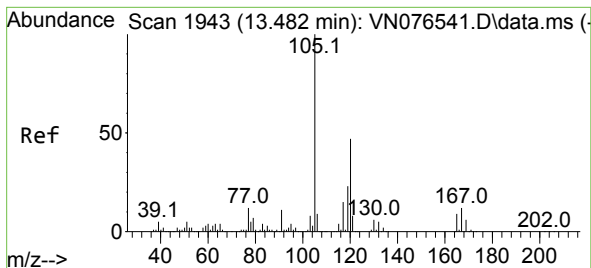
Tgt Ion: 91 Resp: 6751
Ion Ratio Lower Upper
91 100
126 34.5 16.8 50.3



#83
tert-Butylbenzene
Concen: 0.244 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion: 119 Resp: 5070
Ion Ratio Lower Upper
119 100
91 74.2 32.1 96.3
134 27.4 12.9 38.6





#84

1,2,4-Trimethylbenzene

Concen: 0.341 ug/l

RT: 13.488 min Scan# 1943

Delta R.T. 0.006 min

Lab File: VN076543.D

Acq: 06 Feb 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

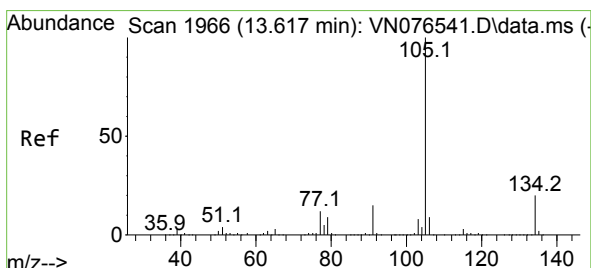
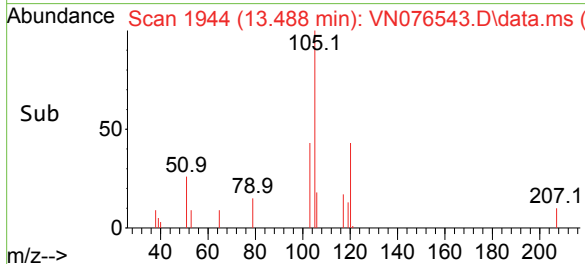
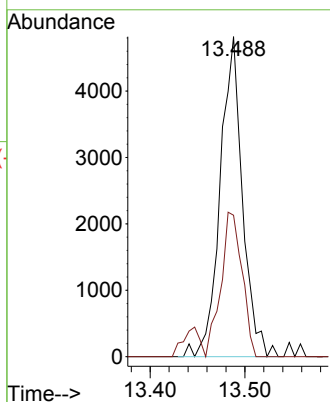
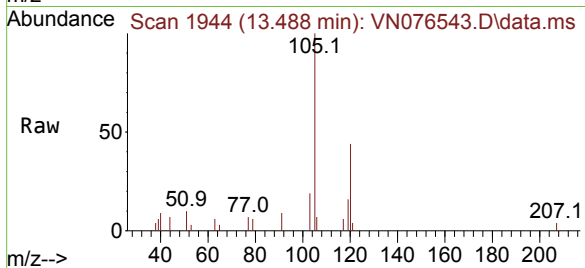
IBLK

Tgt Ion:105 Resp: 7900

Ion Ratio Lower Upper

105 100

120 42.7 22.5 67.5



#85

sec-Butylbenzene

Concen: 0.296 ug/l

RT: 13.617 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN076543.D

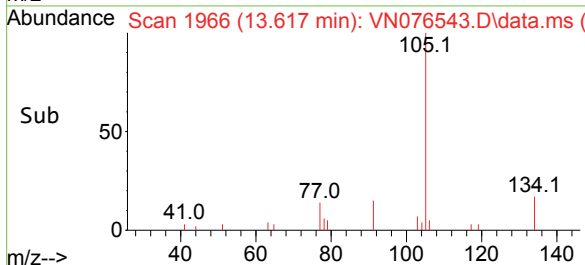
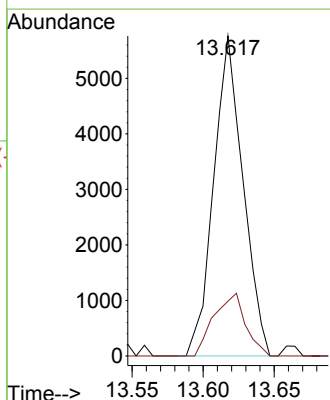
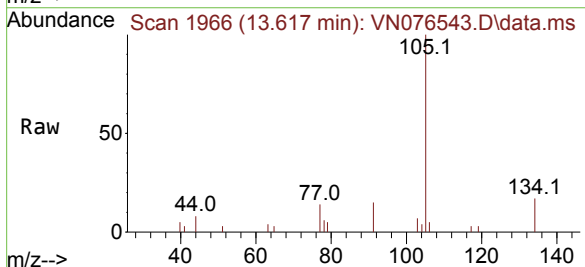
Acq: 06 Feb 2023 14:46

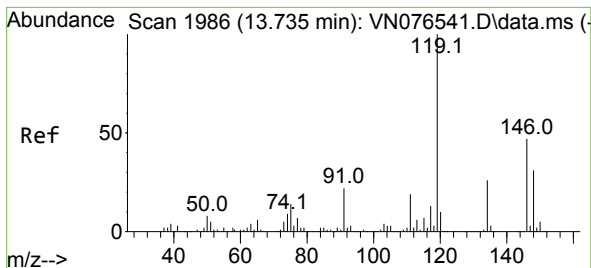
Tgt Ion:105 Resp: 8292

Ion Ratio Lower Upper

105 100

134 21.1 10.0 30.0





#86

p-Isopropyltoluene

Concen: 0.318 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076543.D

Acq: 06 Feb 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

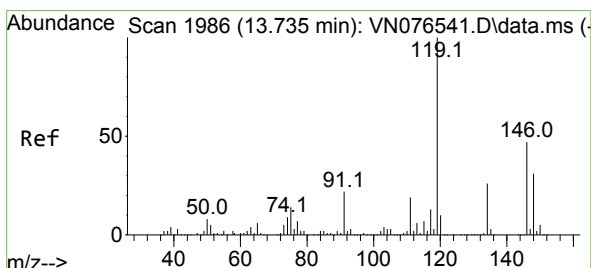
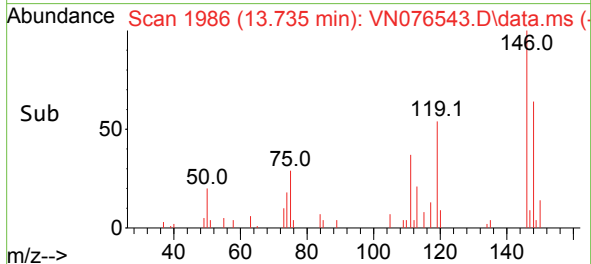
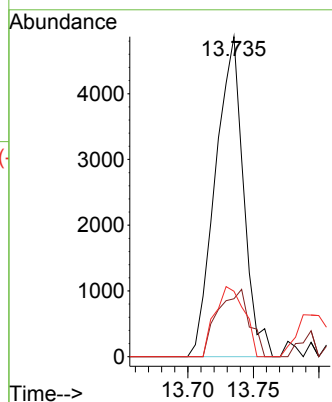
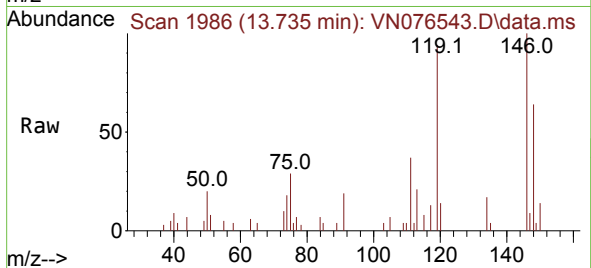
Tgt Ion:119 Resp: 7248

Ion Ratio Lower Upper

119 100

134 23.6 12.9 38.6

91 22.8 11.4 34.2



#87

1,3-Dichlorobenzene

Concen: 0.762 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076543.D

Acq: 06 Feb 2023 14:46

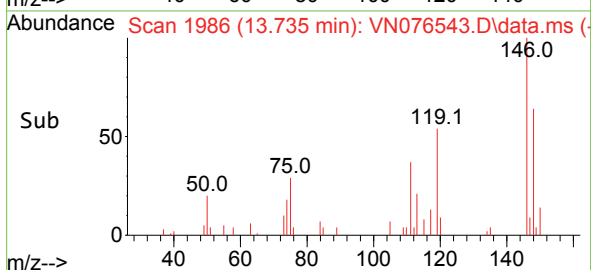
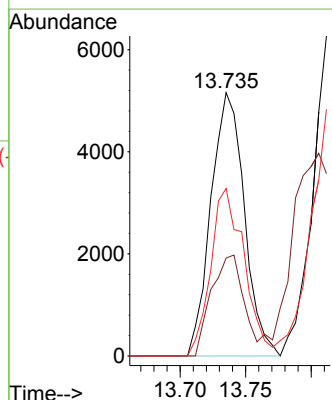
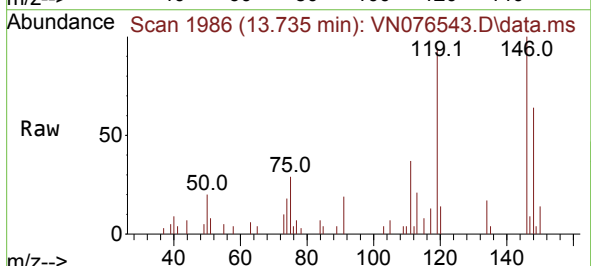
Tgt Ion:146 Resp: 9141

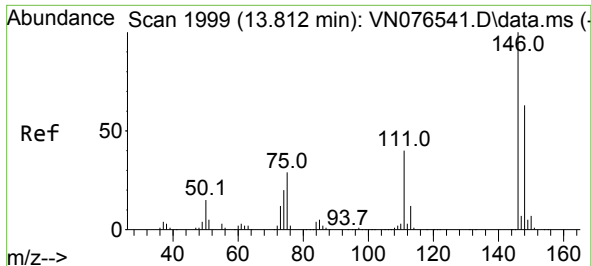
Ion Ratio Lower Upper

146 100

111 37.1 20.5 61.5

148 63.6 32.0 96.2

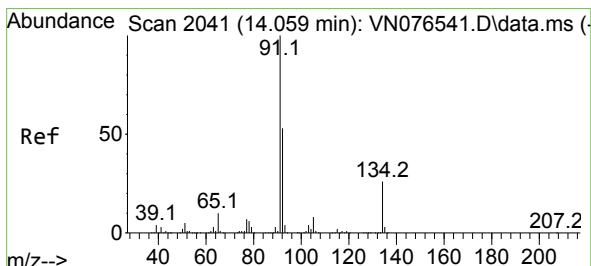
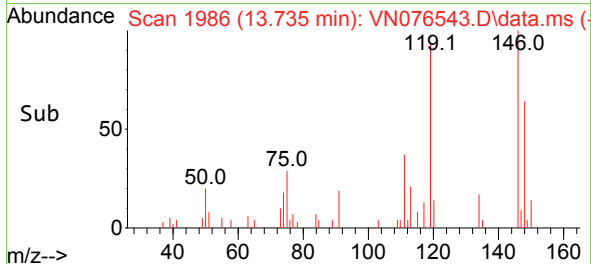
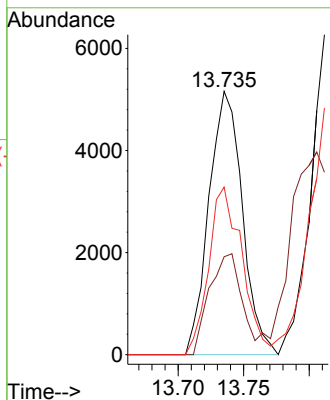
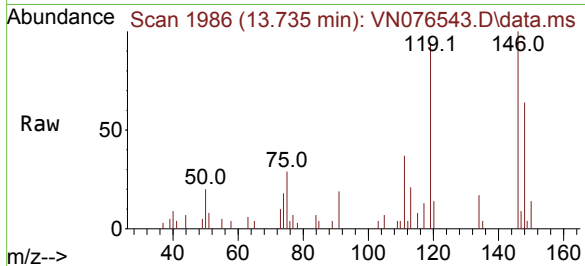




#88
1,4-Dichlorobenzene
Concen: 0.755 ug/l
RT: 13.735 min Scan# 1999
Delta R.T. -0.076 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

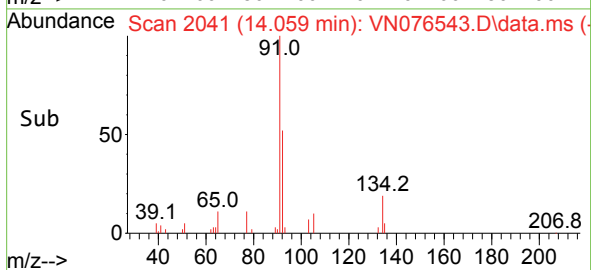
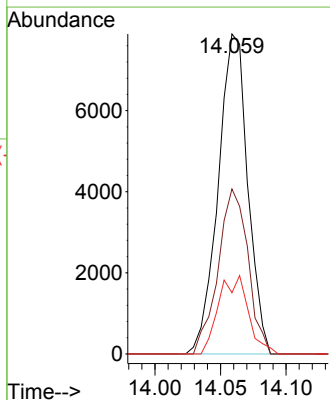
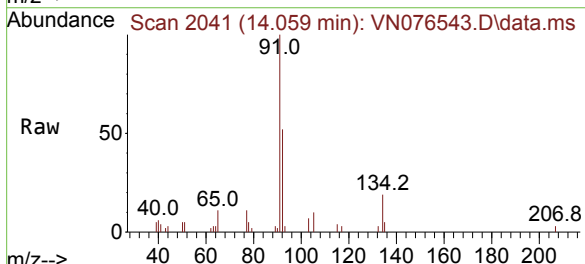
Instrument :
MSVOA_N
ClientSampleId :
IBLK

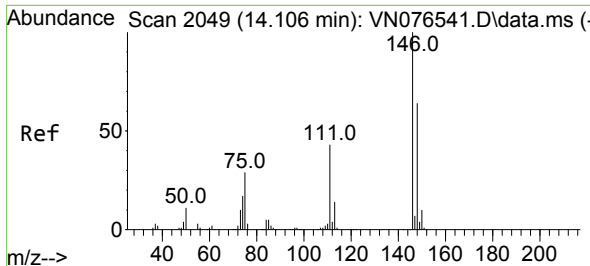
Tgt Ion:146 Resp: 9141
Ion Ratio Lower Upper
146 100
111 37.1 20.1 60.2
148 63.6 31.6 95.0



#89
n-Butylbenzene
Concen: 0.685 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion: 91 Resp: 12379
Ion Ratio Lower Upper
91 100
92 52.1 26.9 80.7
134 24.5 13.0 39.0

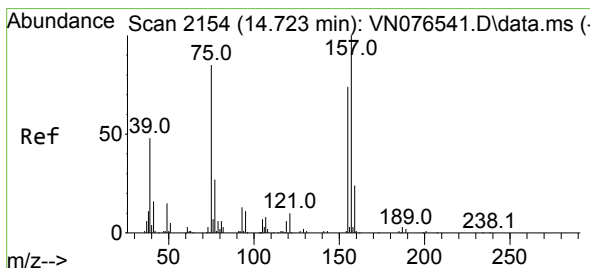
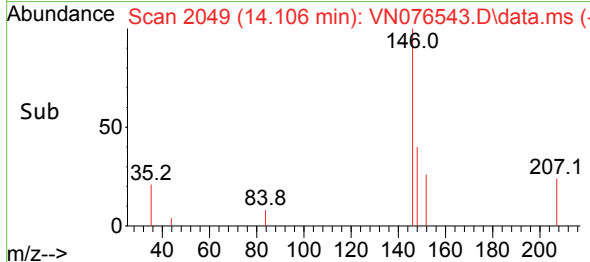
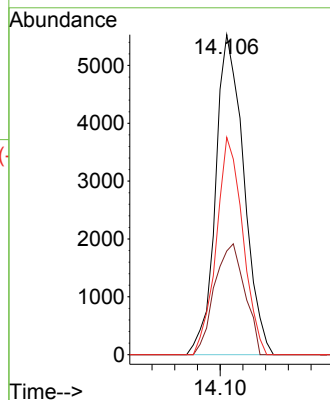
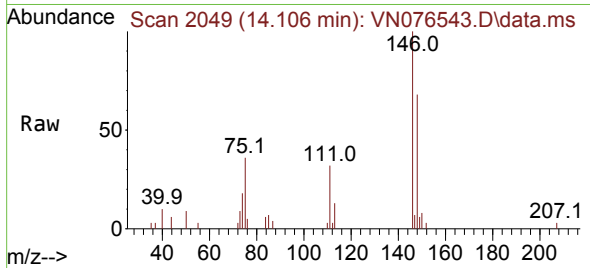




#91
 1,2-Dichlorobenzene
 Concen: 0.809 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. 0.000 min
 Lab File: VN076543.D
 Acq: 06 Feb 2023 14:46

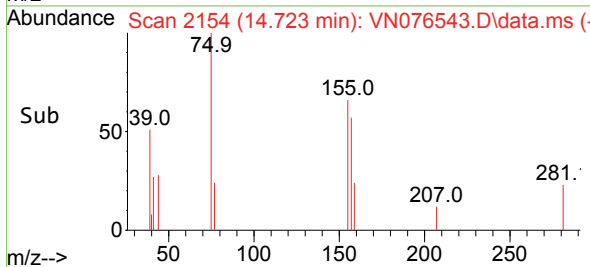
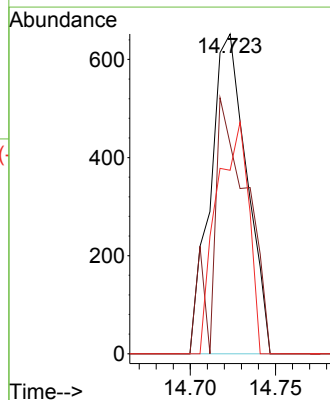
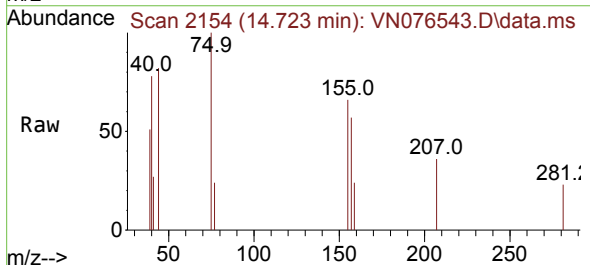
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

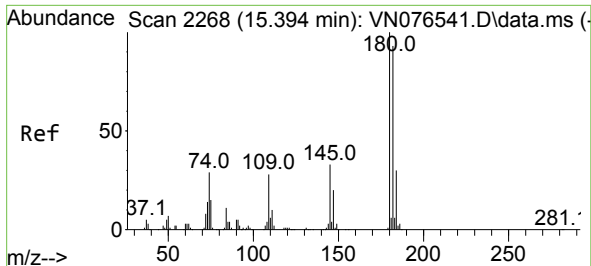
Tgt Ion:	146	Resp:	9526
Ion	Ratio	Lower	Upper
146	100		
111	37.2	21.3	63.9
148	63.9	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.703 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VN076543.D
 Acq: 06 Feb 2023 14:46

Tgt Ion:	75	Resp:	967
Ion	Ratio	Lower	Upper
75	100		
155	74.8	45.0	135.0
157	63.9	57.6	173.0

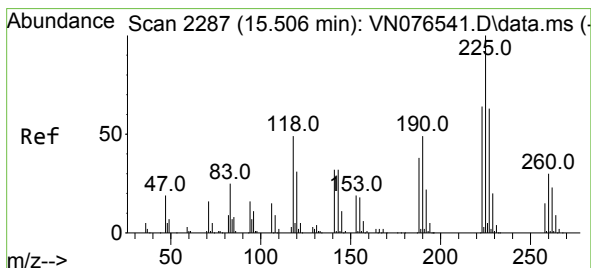
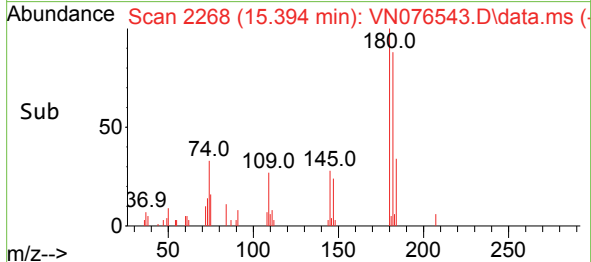
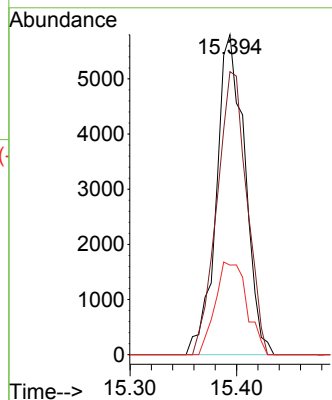
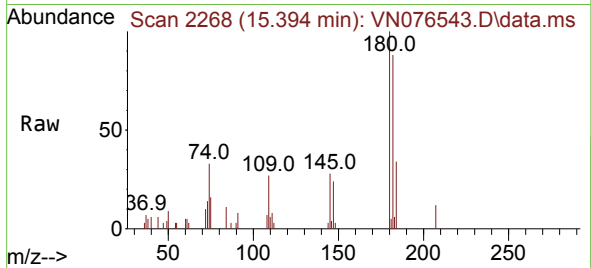




#93
1,2,4-Trichlorobenzene
Concen: 2.073 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

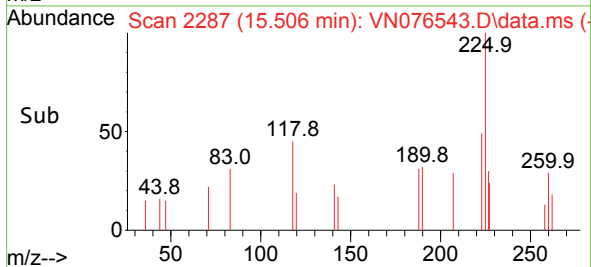
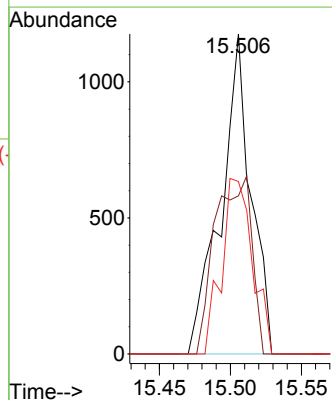
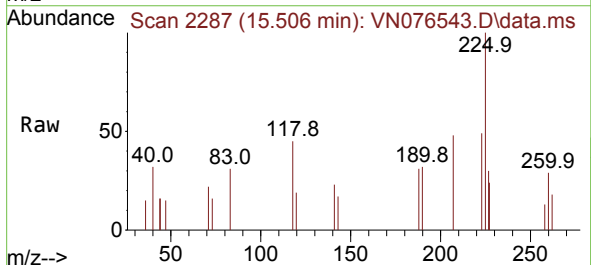
Instrument :
MSVOA_N
ClientSampleId :
IBLK

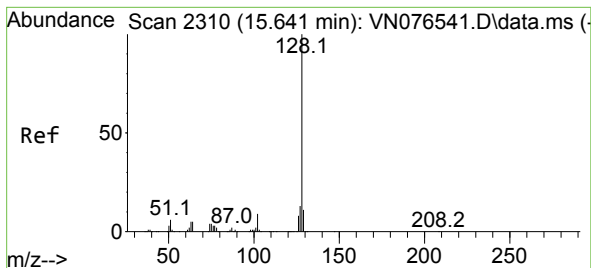
Tgt Ion:180 Resp: 10759
Ion Ratio Lower Upper
180 100
182 92.8 47.2 141.6
145 32.1 16.1 48.2



#94
Hexachlorobutadiene
Concen: 0.579 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN076543.D
Acq: 06 Feb 2023 14:46

Tgt Ion:225 Resp: 1726
Ion Ratio Lower Upper
225 100
223 67.8 31.3 93.9
227 56.5 31.6 95.0





#95

Naphthalene

Concen: 3.177 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN076543.D

Acq: 06 Feb 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

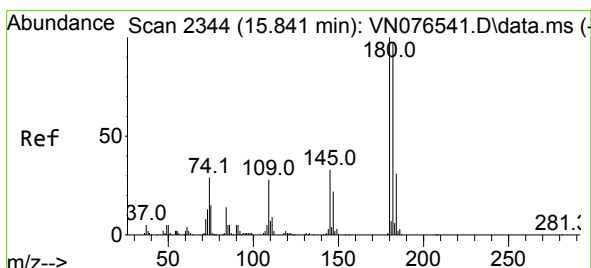
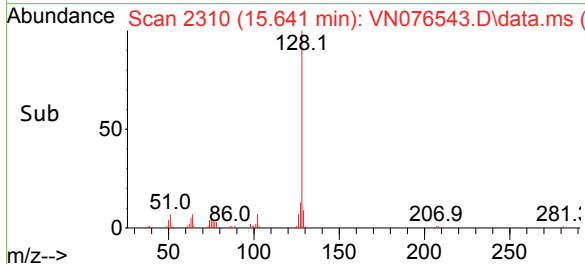
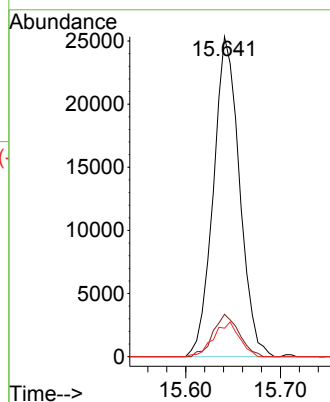
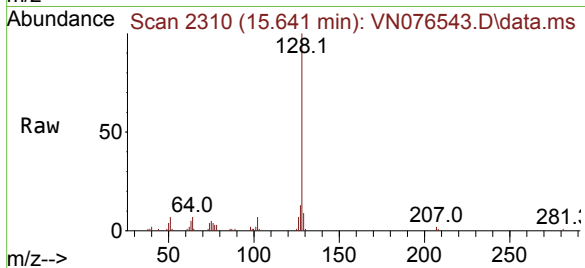
Tgt Ion:128 Resp: 48576

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.621 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN076543.D

Acq: 06 Feb 2023 14:46

Tgt Ion:180 Resp: 13082

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.8

145 33.5 16.8 50.3

