

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076166.D
 Acq On : 09 Jan 2023 19:16
 Operator : JC\MD
 Sample : 01077-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-1550

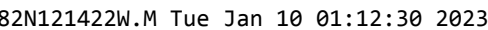
Quant Time: Jan 10 01:12:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

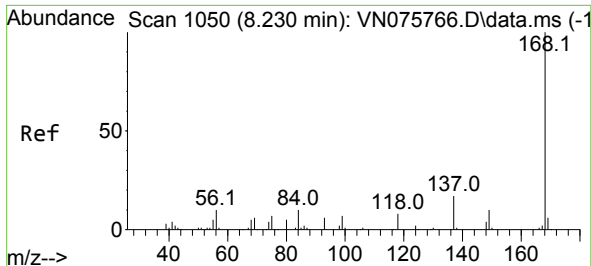
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.236	168	316031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	432774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	170708	49.652	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.300%		
35) Dibromofluoromethane	8.171	113	154284	48.152	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.300%		
50) Toluene-d8	10.571	98	585949	48.912	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.820%		
62) 4-Bromofluorobenzene	12.853	95	178789	45.060	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.120%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.548	59	192	0.395	ug/l #	72
16) Acetone	4.453	43	4259	3.594	ug/l	94
18) Methyl Acetate	5.042	43	1220	0.348	ug/l #	45
20) Methylene Chloride	5.300	84	122	Below Cal	#	56
25) 2-Butanone	7.500	43	1210	0.729	ug/l	96
31) Cyclohexane	8.230	56	6469	1.314	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	22918	5.384	ug/l #	51
37) Ethyl Acetate	7.577	43	2131	0.623	ug/l #	69
38) Carbon Tetrachloride	8.236	117	32090	6.736	ug/l #	16
43) Isopropyl Acetate	8.683	43	7795	1.382	ug/l #	53
48) Methyl methacrylate	9.659	41	510	0.201	ug/l #	19
52) Toluene	10.630	92	4568	0.534	ug/l	86
59) 2-Hexanone	11.206	43	948	0.381	ug/l #	51
67) Ethyl Benzene	11.965	91	4169	0.278	ug/l	92
68) m/p-Xylenes	12.071	106	6480	1.092	ug/l	99
69) o-Xylene	12.400	106	4436	0.755	ug/l	97
71) Bromoform	12.847	173	1455	0.608	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	93039	25.593	ug/l #	1
78) n-propylbenzene	13.035	91	3132	0.218	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	4677	0.429	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.853	75	93039	92.121	ug/l #	12
83) tert-Butylbenzene	13.482	119	2537	0.264	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.482	105	18868	1.744	ug/l	96
89) n-Butylbenzene	14.059	91	2140	0.239	ug/l #	81
90) Hexachloroethane	14.335	117	585	0.296	ug/l #	11
95) Naphthalene	15.641	128	4294	2.596	ug/l #	91

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

Quant Time: Jan 10 01:12:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

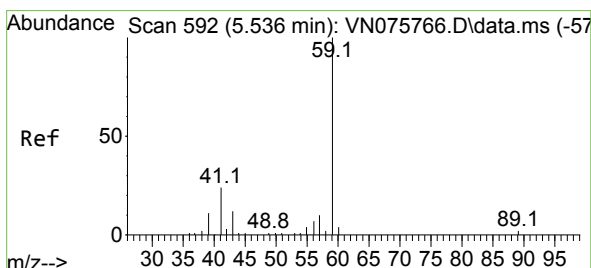
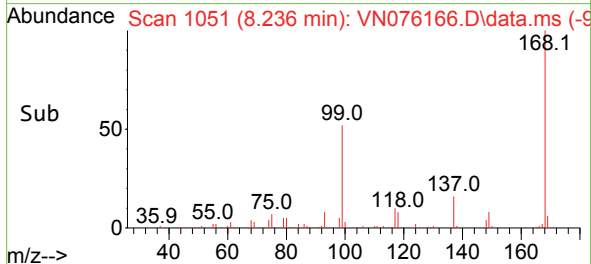
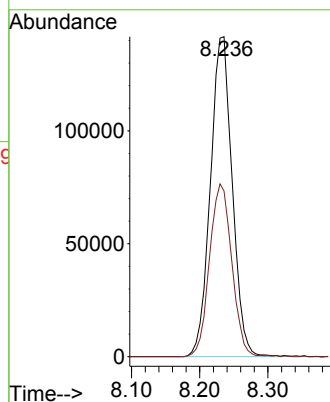
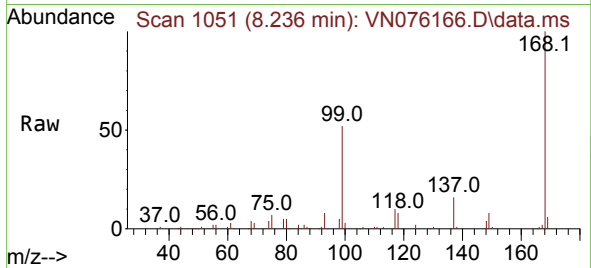




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

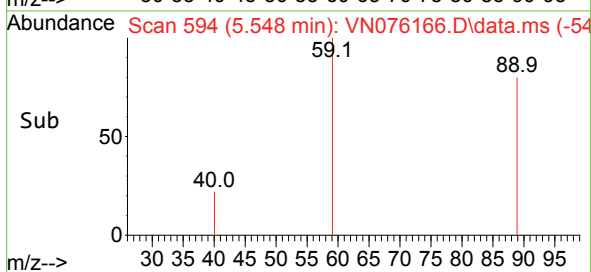
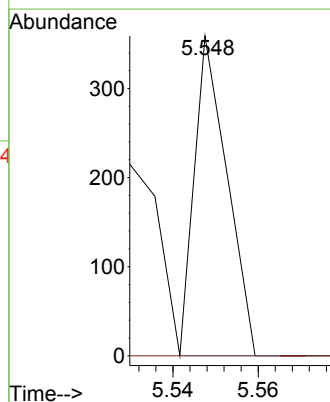
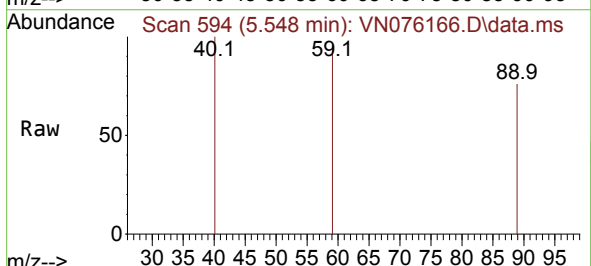
Instrument :
MSVOA_N
ClientSampleId :
BUR-1550

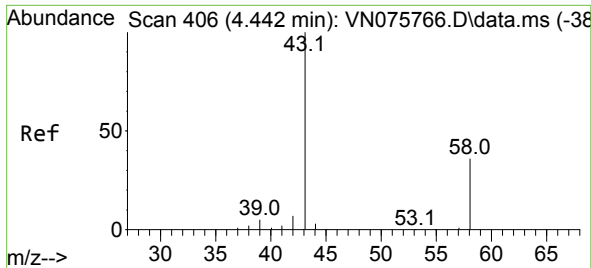
Tgt Ion:168 Resp: 316031
Ion Ratio Lower Upper
168 100
99 51.8 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.395 ug/l
RT: 5.548 min Scan# 594
Delta R.T. 0.012 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

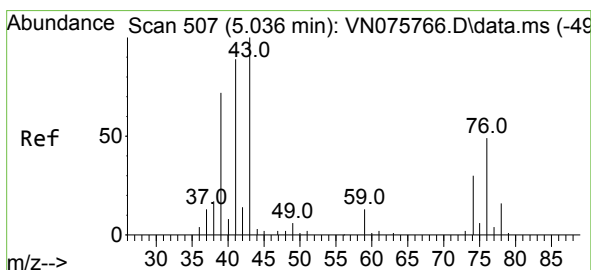
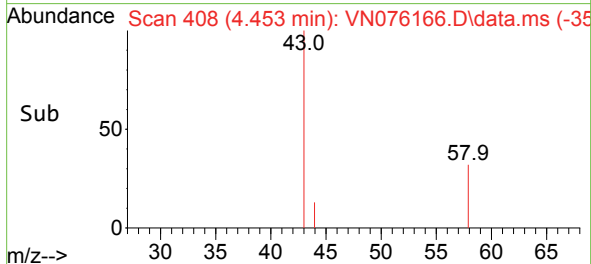
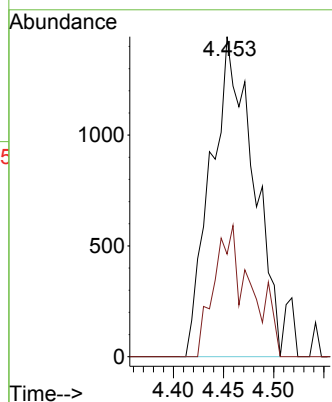
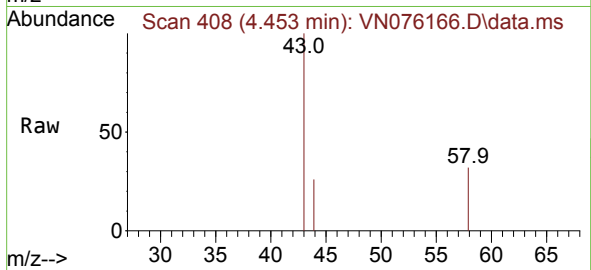




#16
Acetone
Concen: 3.594 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

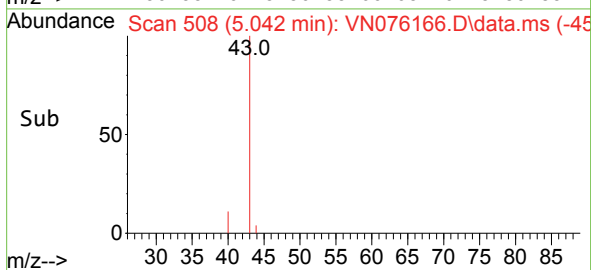
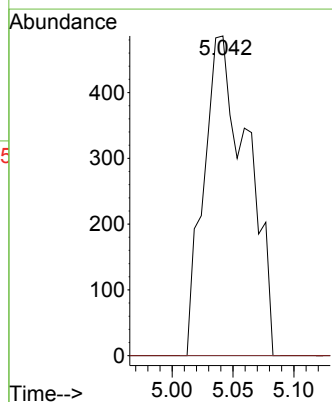
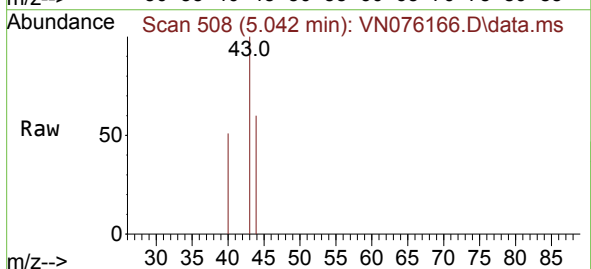
Instrument :
MSVOA_N
ClientSampleId :
BUR-1550

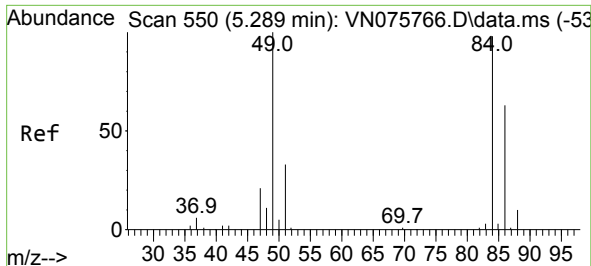
Tgt Ion: 43 Resp: 4259
Ion Ratio Lower Upper
43 100
58 32.1 28.6 43.0



#18
Methyl Acetate
Concen: 0.348 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

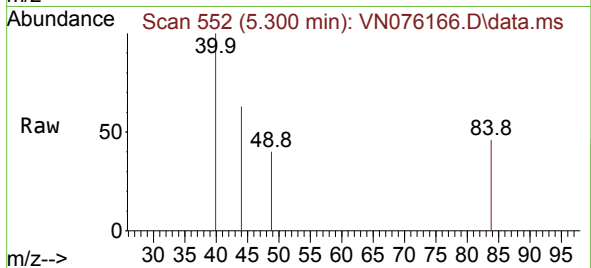
Tgt Ion: 43 Resp: 1220
Ion Ratio Lower Upper
43 100
74 0.0 23.6 35.4#



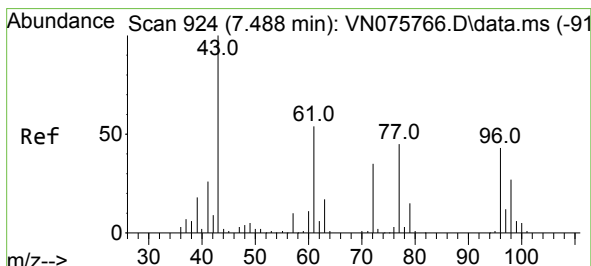
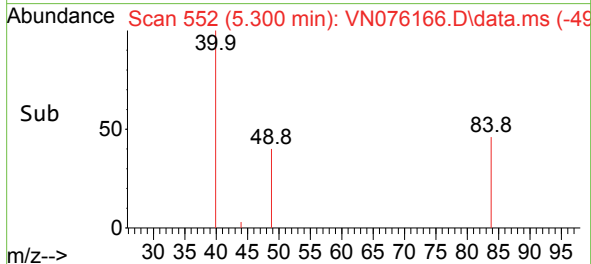
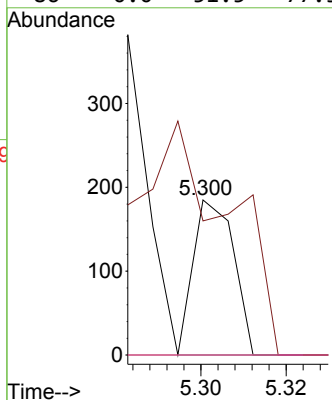


#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 511
Delta R.T. 0.011 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :
BUR-1550

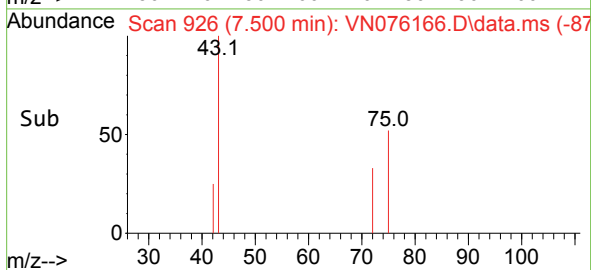
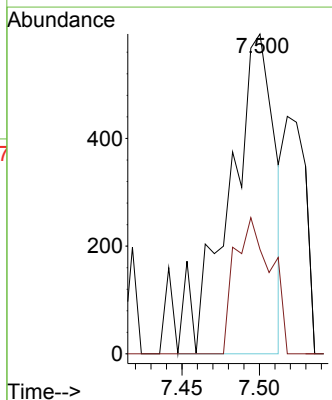
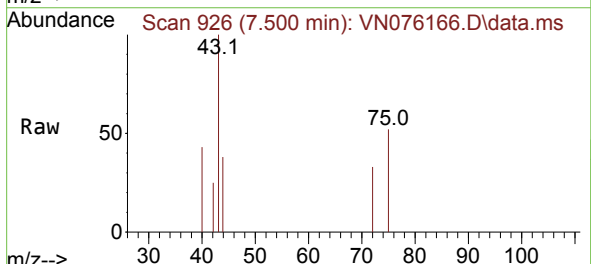


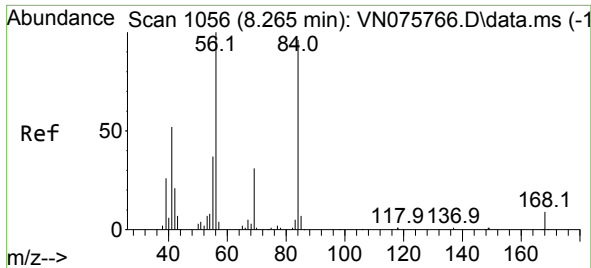
Tgt Ion:	84	Resp:	122
Ion	Ratio	Lower	Upper
84	100		
49	86.5	81.8	122.6
51	0.0	26.7	40.1#
86	0.0	51.5	77.3#



#25
2-Butanone
Concen: 0.729 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Tgt Ion:	43	Resp:	1210
Ion	Ratio	Lower	Upper
43	100		
72	32.7	28.0	42.0

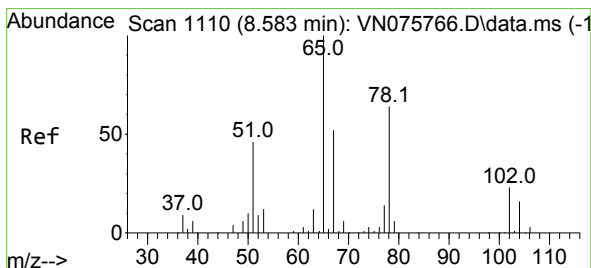
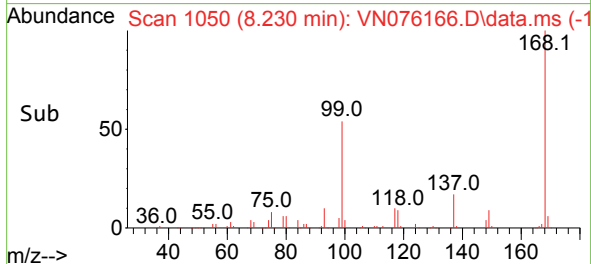
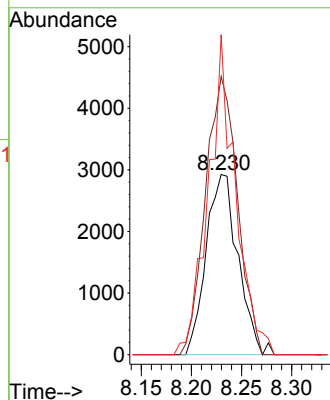
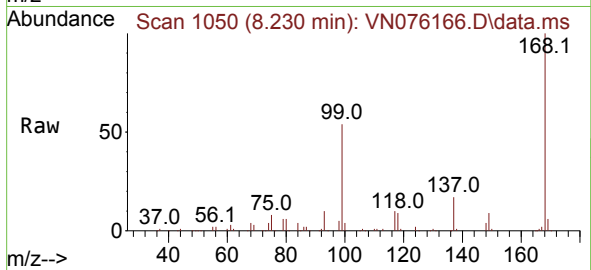




#31
Cyclohexane
Concen: 1.314 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

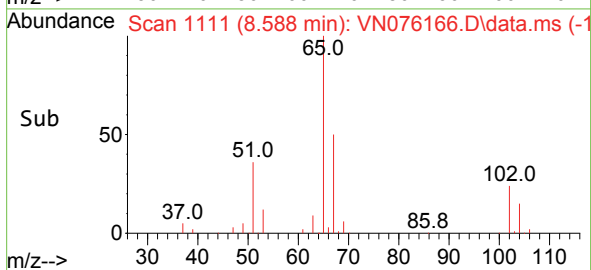
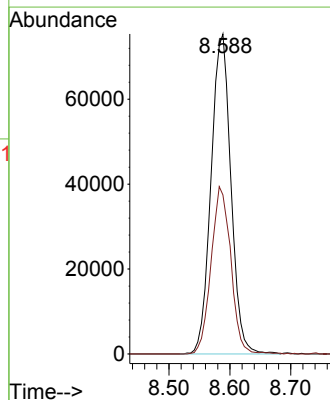
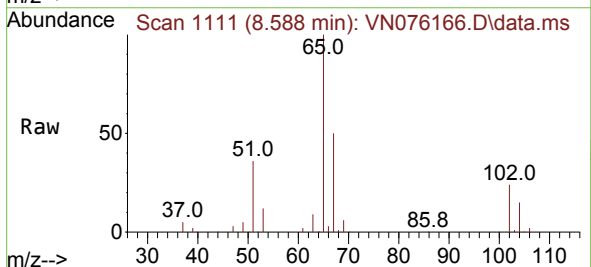
Instrument :
MSVOA_N
ClientSampleId :
BUR-1550

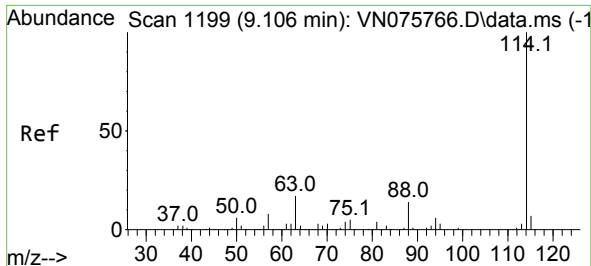
Tgt Ion: 56 Resp: 6469
Ion Ratio Lower Upper
56 100
69 154.3 24.7 37.1#
84 177.6 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 49.652 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Tgt Ion: 65 Resp: 170708
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076166.D

Acq: 09 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

BUR-1550

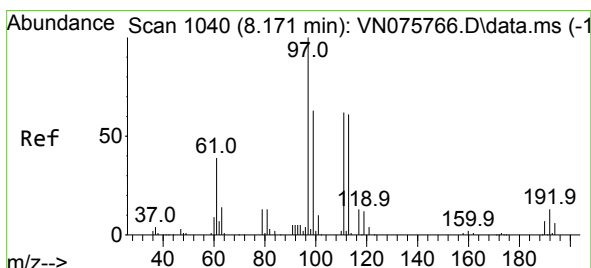
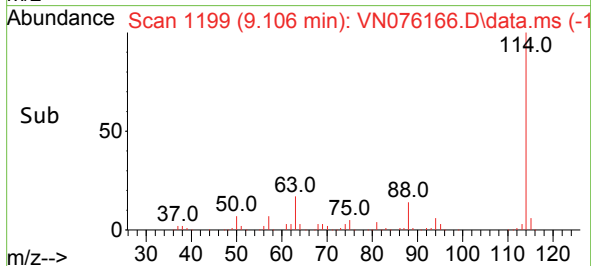
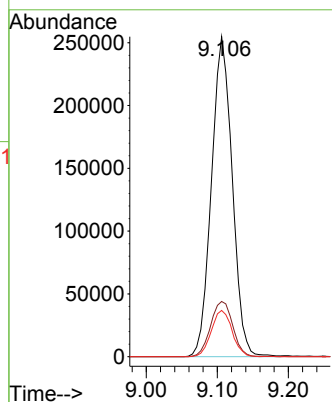
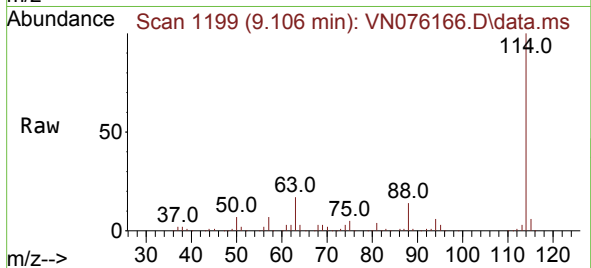
Tgt Ion:114 Resp: 517383

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 14.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.152 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076166.D

Acq: 09 Jan 2023 19:16

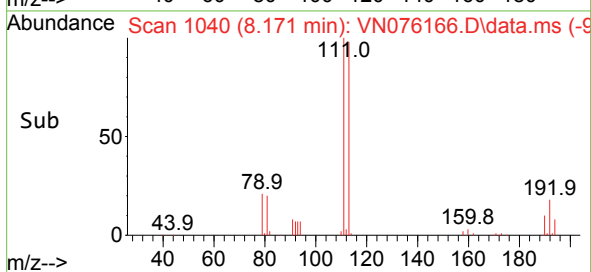
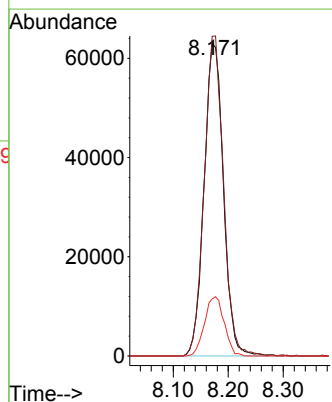
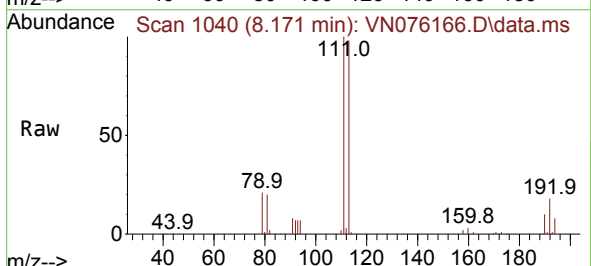
Tgt Ion:113 Resp: 154284

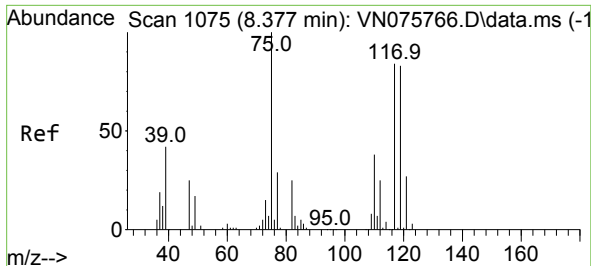
Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 19.2 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.384 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076166.D

Acq: 09 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

BUR-1550

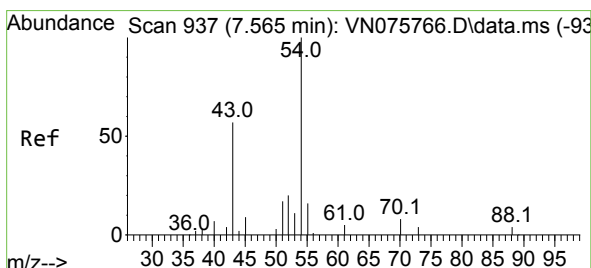
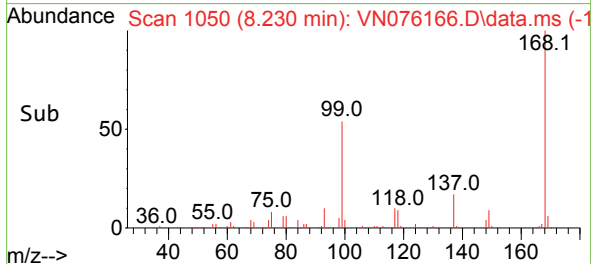
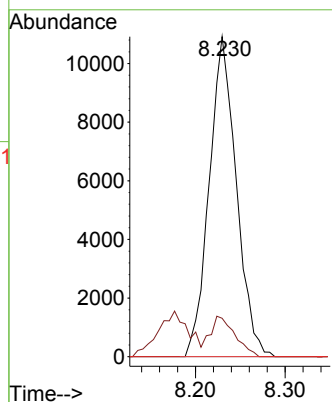
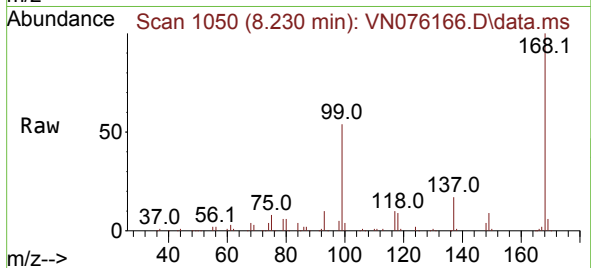
Tgt Ion: 75 Resp: 22918

Ion Ratio Lower Upper

75 100

110 11.6 18.8 56.4#

77 0.0 24.1 36.1#



#37

Ethyl Acetate

Concen: 0.623 ug/l

RT: 7.577 min Scan# 939

Delta R.T. 0.012 min

Lab File: VN076166.D

Acq: 09 Jan 2023 19:16

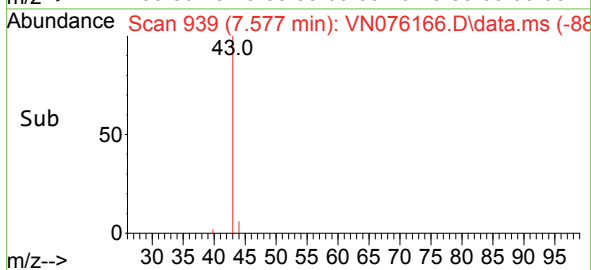
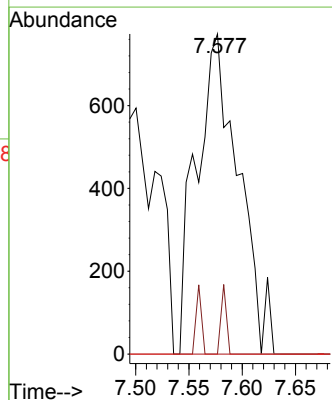
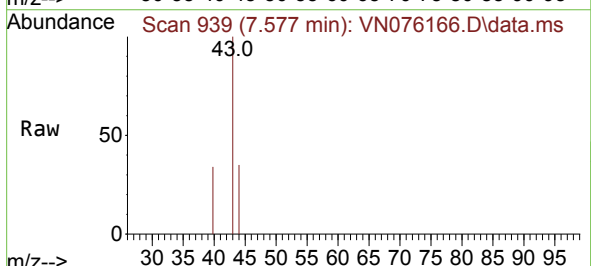
Tgt Ion: 43 Resp: 2131

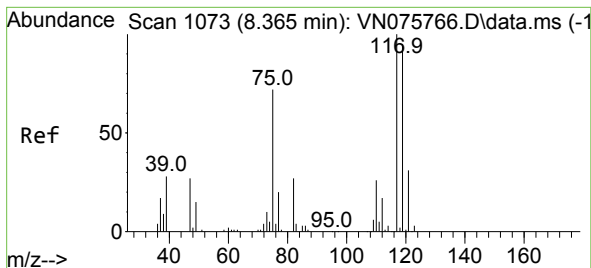
Ion Ratio Lower Upper

43 100

61 2.8 13.0 19.4#

70 0.0 9.4 14.0#





#38

Carbon Tetrachloride

Concen: 6.736 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.129 min

Lab File: VN076166.D

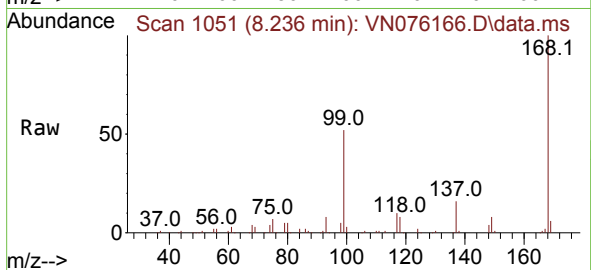
Acq: 09 Jan 2023 19:16

Instrument :

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BUR-1550



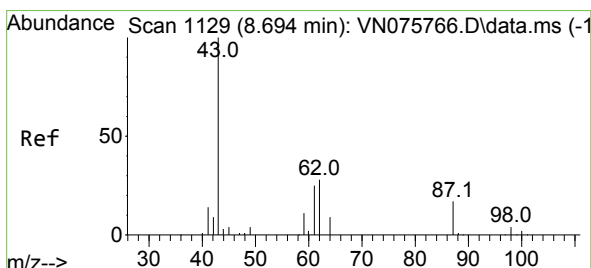
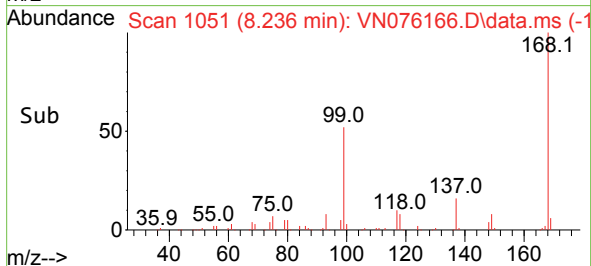
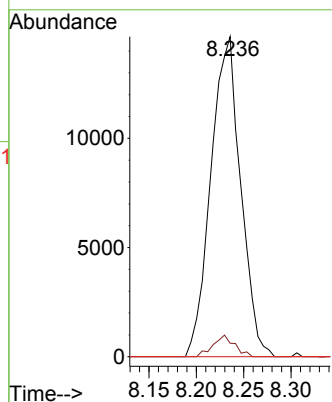
Tgt Ion:117 Resp: 32090

Ion Ratio Lower Upper

117 100

119 4.2 76.1 114.1#

121 0.0 24.5 36.7#



#43

Isopropyl Acetate

Concen: 1.382 ug/l

RT: 8.683 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VN076166.D

Acq: 09 Jan 2023 19:16

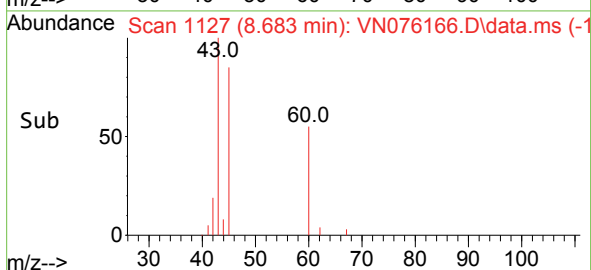
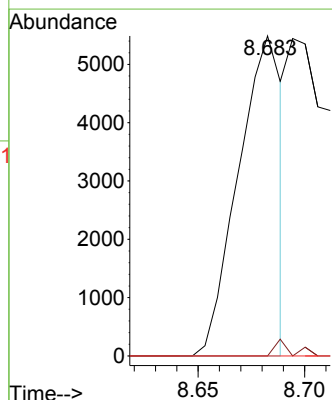
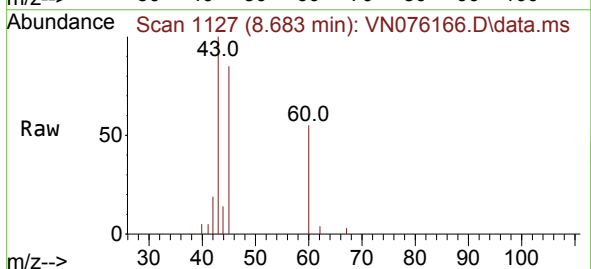
Tgt Ion: 43 Resp: 7795

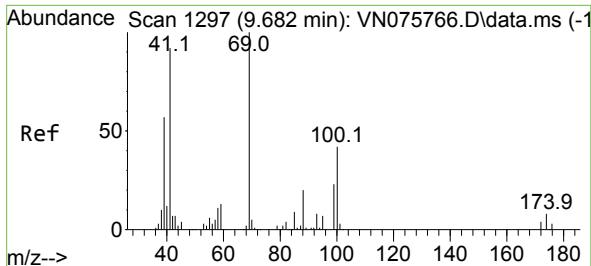
Ion Ratio Lower Upper

43 100

61 2.0 24.2 36.4#

87 0.0 13.3 19.9#

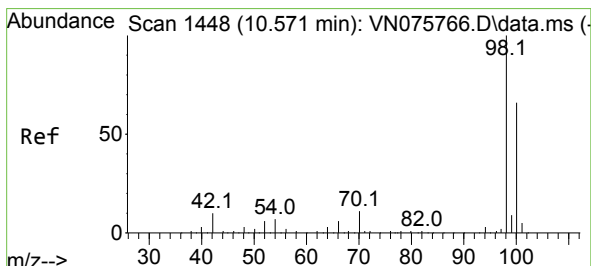
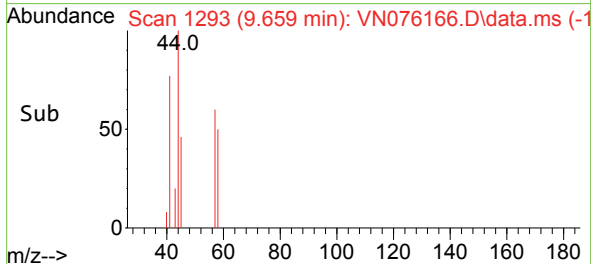
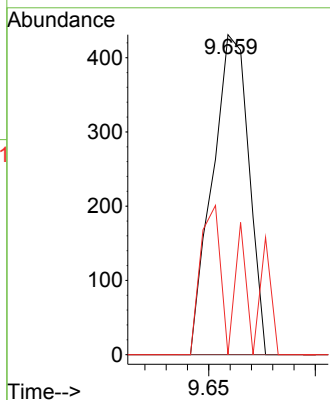
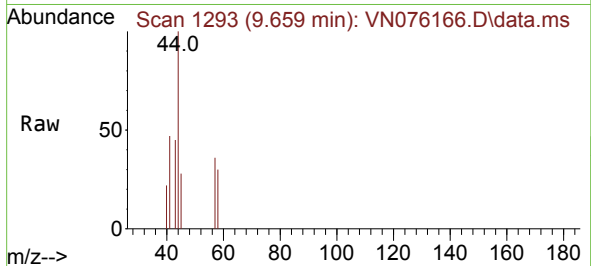




#48
Methyl methacrylate
Concen: 0.201 ug/l
RT: 9.659 min Scan# 1293
Delta R.T. -0.023 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

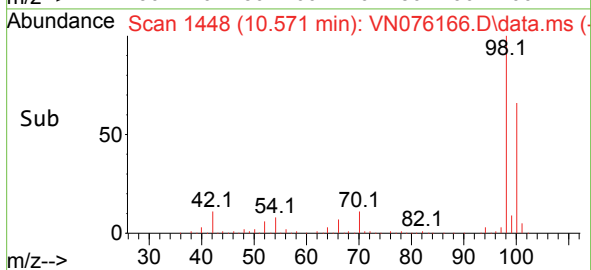
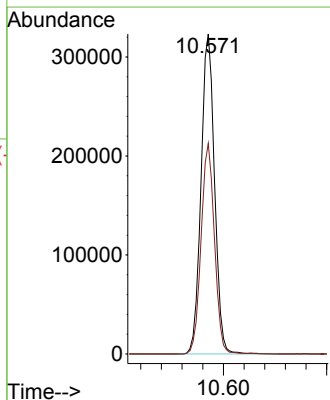
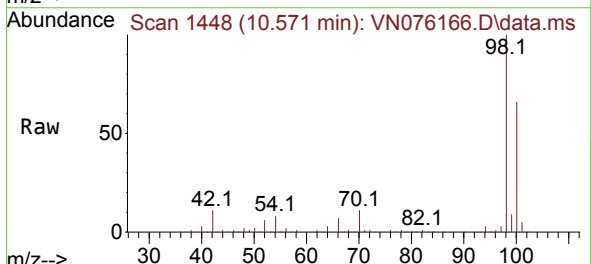
Instrument :
MSVOA_N
ClientSampleId :
BUR-1550

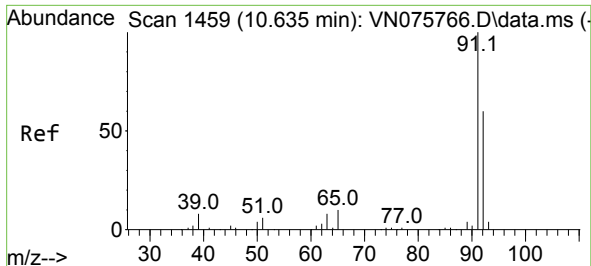
Tgt Ion: 41 Resp: 510
Ion Ratio Lower Upper
41 100
69 0.0 81.9 122.9#
39 25.5 51.6 77.4#



#50
Toluene-d8
Concen: 48.912 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Tgt Ion: 98 Resp: 585949
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1

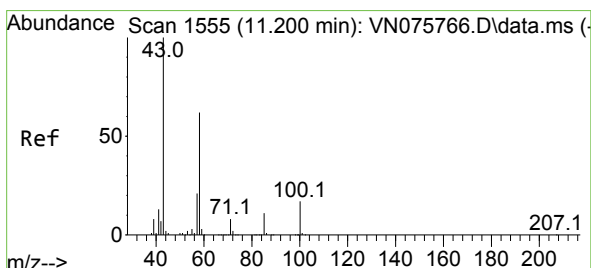
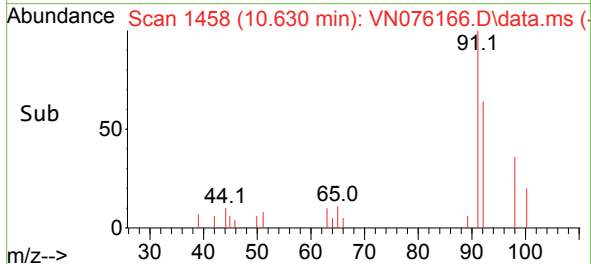
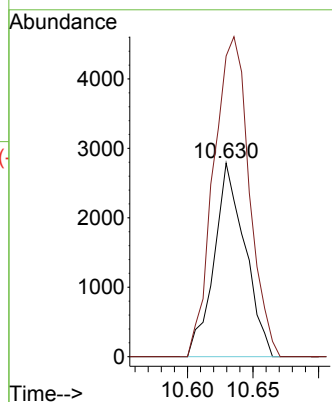
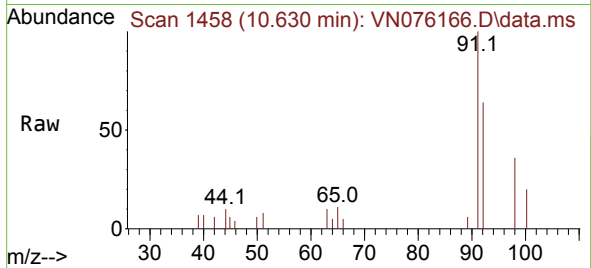




#52
Toluene
Concen: 0.534 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

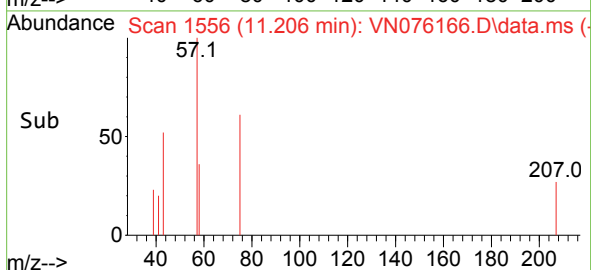
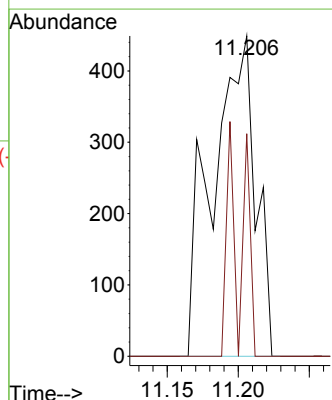
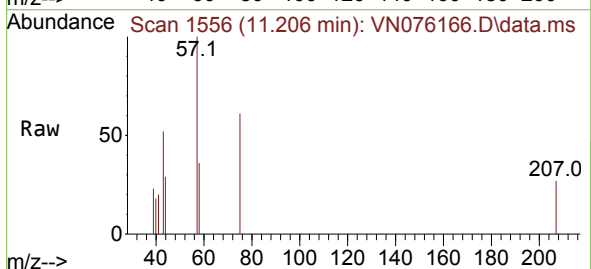
Instrument :
MSVOA_N
ClientSampleId :
BUR-1550

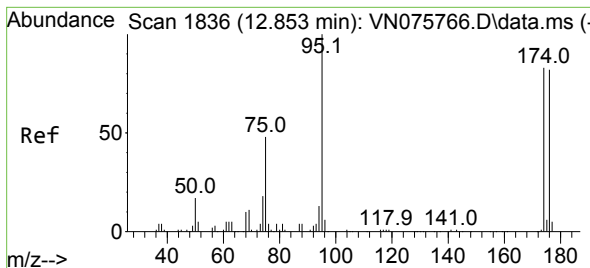
Tgt Ion: 92 Resp: 4568
Ion Ratio Lower Upper
92 100
91 190.7 137.3 205.9



#59
2-Hexanone
Concen: 0.381 ug/l
RT: 11.206 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 23.8 30.6 92.0#





#62

4-Bromofluorobenzene

Concen: 45.060 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN076166.D

Acq: 09 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

BUR-1550

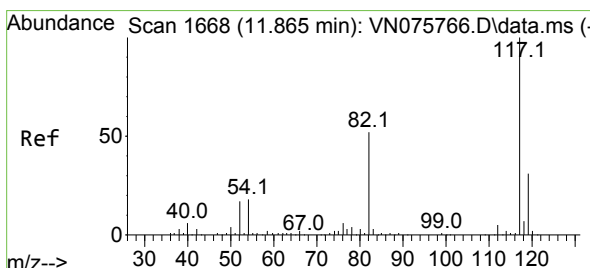
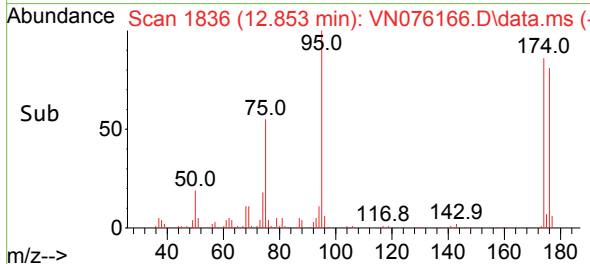
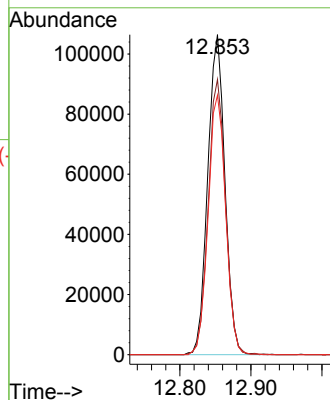
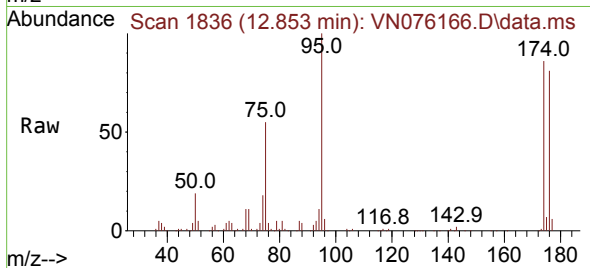
Tgt Ion: 95 Resp: 178789

Ion Ratio Lower Upper

95 100

174 86.9 0.0 171.6

176 82.8 0.0 169.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN076166.D

Acq: 09 Jan 2023 19:16

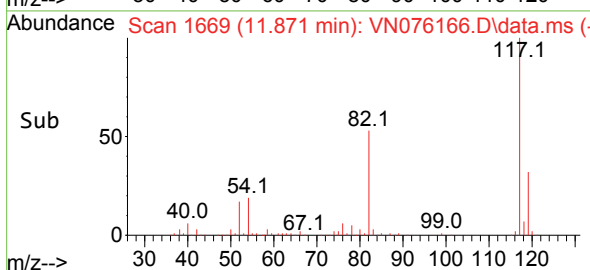
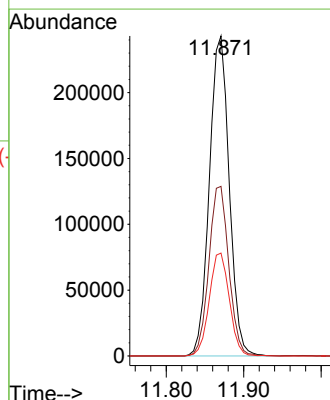
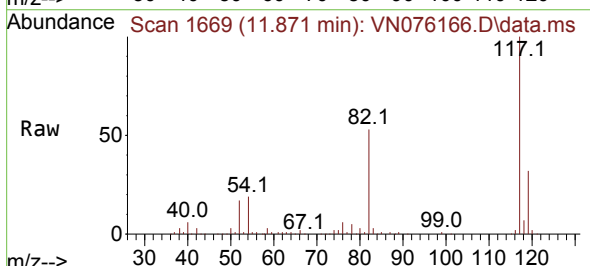
Tgt Ion: 117 Resp: 432774

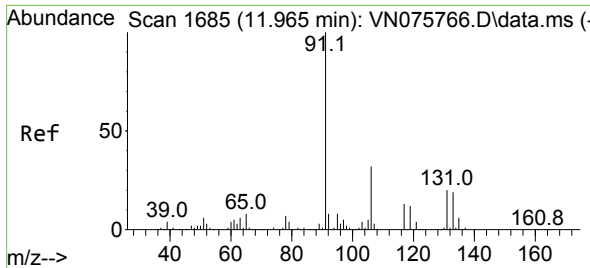
Ion Ratio Lower Upper

117 100

82 53.0 41.3 61.9

119 32.2 24.6 37.0

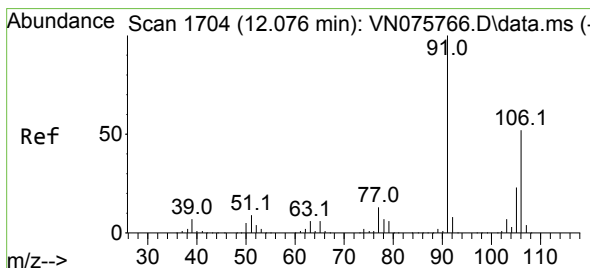
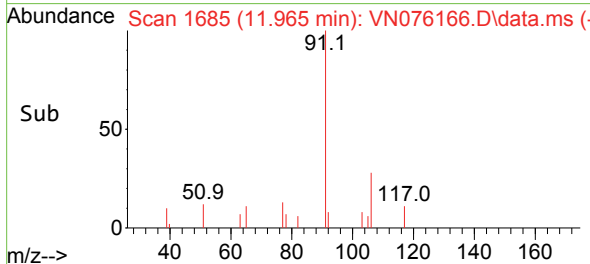
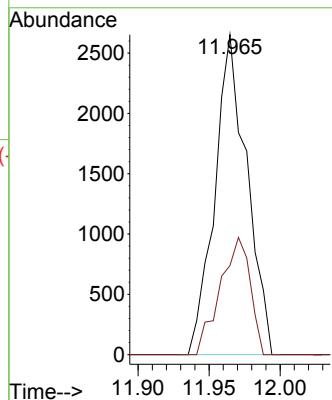
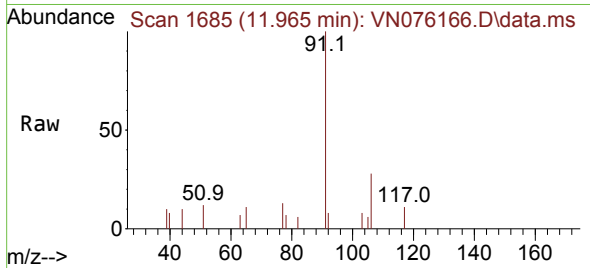




#67
Ethyl Benzene
Concen: 0.278 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

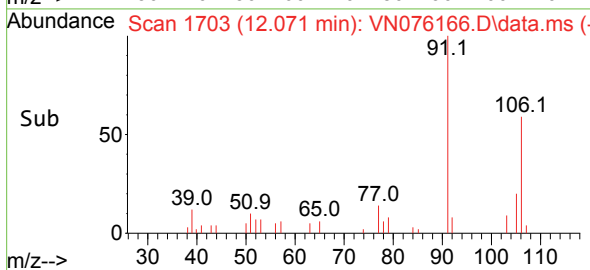
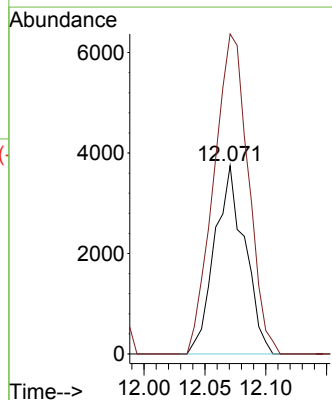
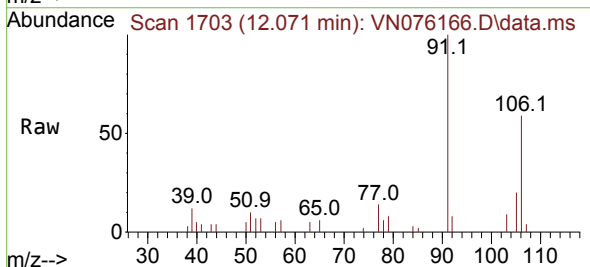
Instrument :
MSVOA_N
ClientSampleId :
BUR-1550

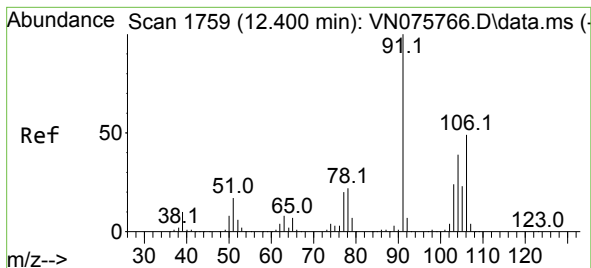
Tgt Ion: 91 Resp: 4169
Ion Ratio Lower Upper
91 100
106 27.9 25.7 38.5



#68
m/p-Xylenes
Concen: 1.092 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Tgt Ion: 106 Resp: 6480
Ion Ratio Lower Upper
106 100
91 194.2 156.6 235.0





#69

o-Xylene

Concen: 0.755 ug/l

RT: 12.400 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076166.D

Acq: 09 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

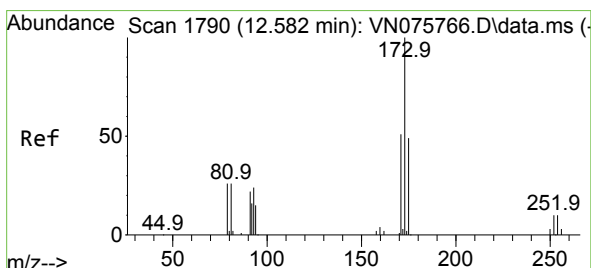
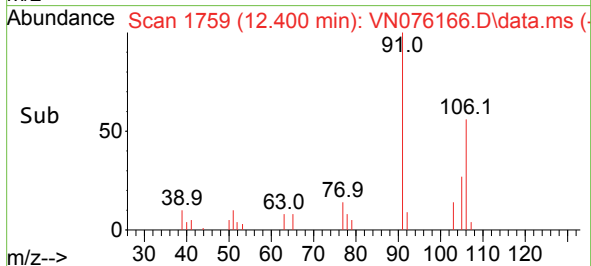
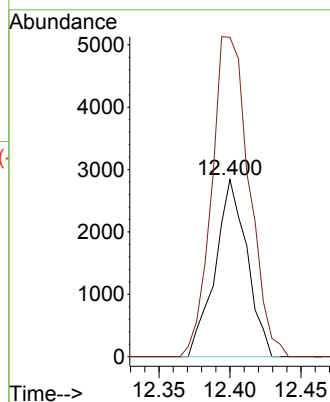
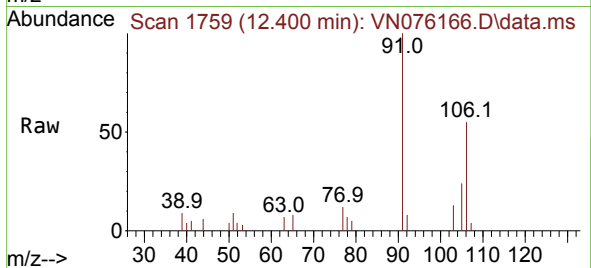
BUR-1550

Tgt Ion:106 Resp: 4436

Ion Ratio Lower Upper

106 100

91 212.4 103.8 311.6



#71

Bromoform

Concen: 0.608 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.265 min

Lab File: VN076166.D

Acq: 09 Jan 2023 19:16

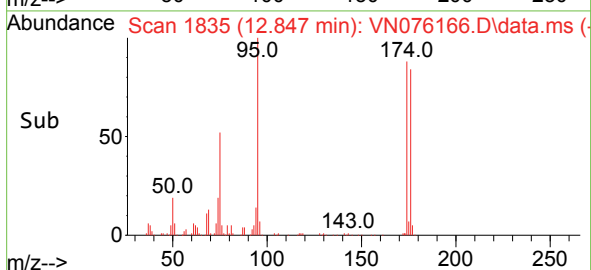
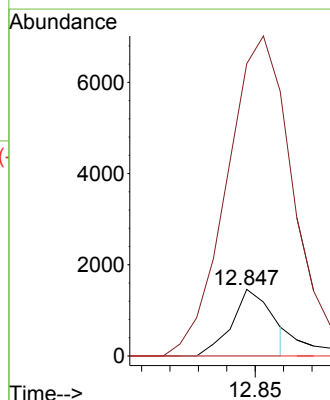
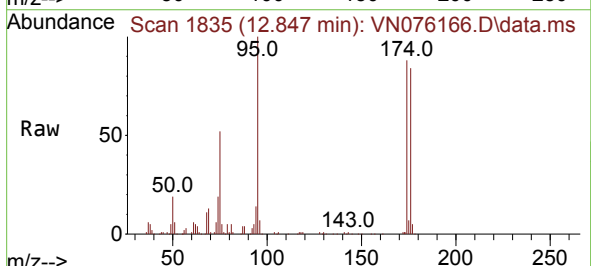
Tgt Ion:173 Resp: 1455

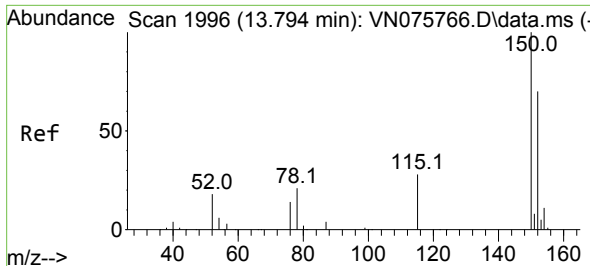
Ion Ratio Lower Upper

173 100

175 648.6 24.3 72.8#

254 0.0 0.0 0.0

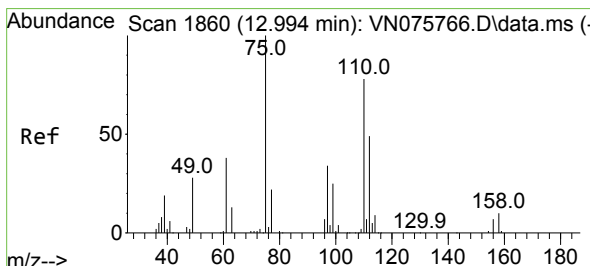
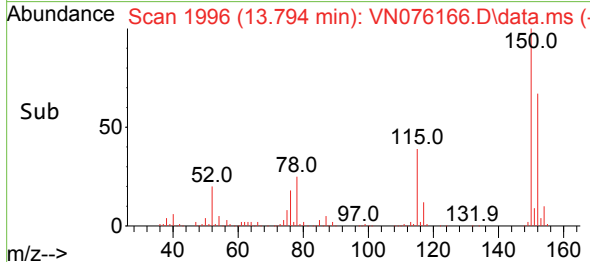
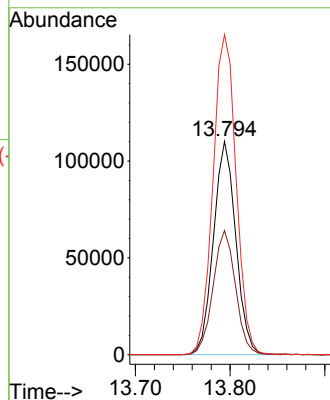
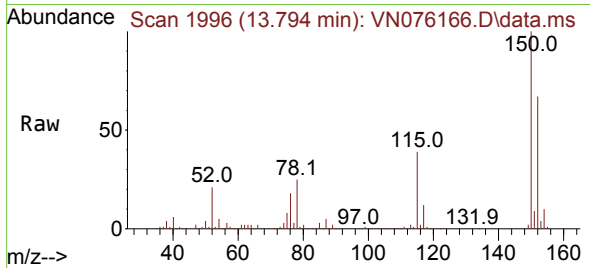




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

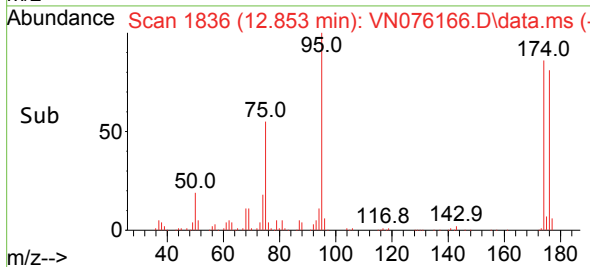
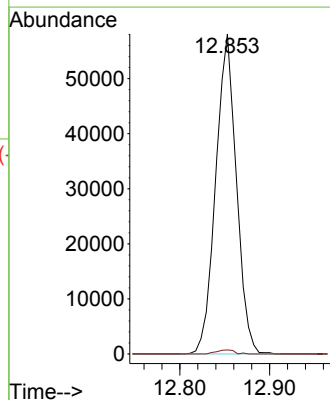
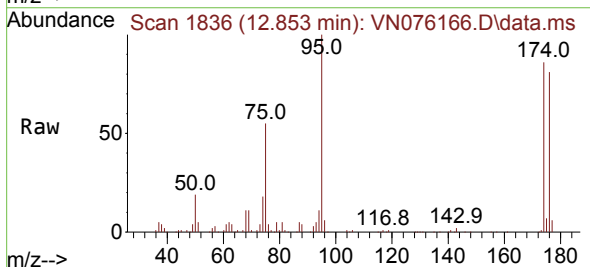
Instrument :
MSVOA_N
ClientSampleId :
BUR-1550

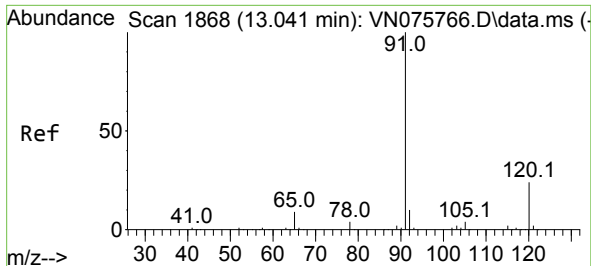
Tgt Ion:152 Resp: 180348
Ion Ratio Lower Upper
152 100
115 58.6 29.1 87.4
150 155.9 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 25.593 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Tgt Ion: 75 Resp: 93039
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

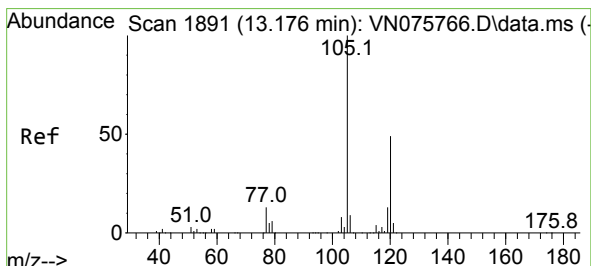
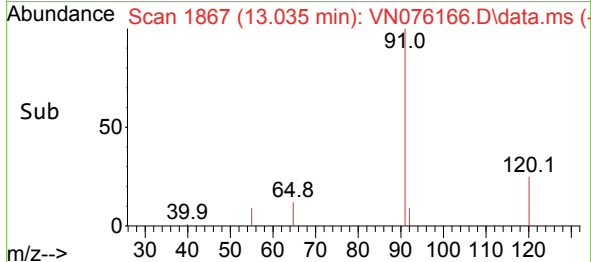
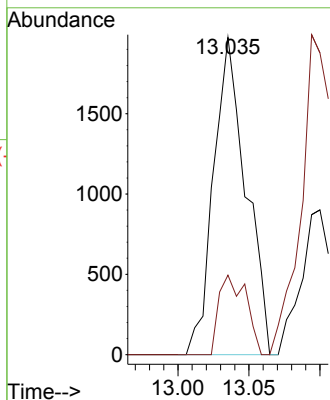
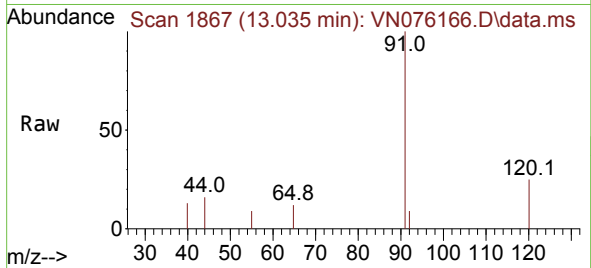




#78
n-propylbenzene
Concen: 0.218 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

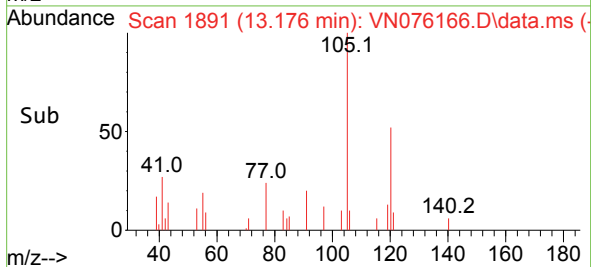
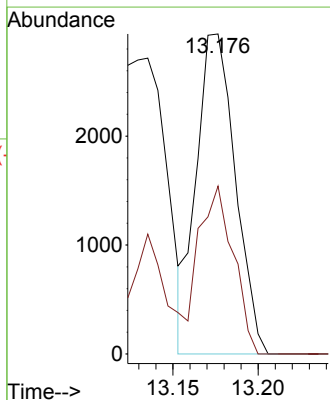
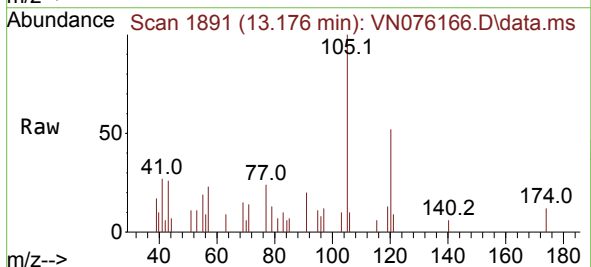
Instrument :
MSVOA_N
ClientSampleId :
BUR-1550

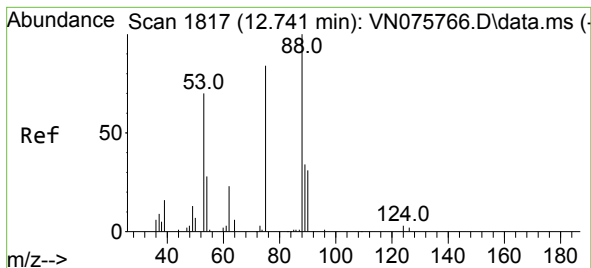
Tgt Ion: 91 Resp: 3132
Ion Ratio Lower Upper
91 100
120 21.0 12.0 36.1



#80
1,3,5-Trimethylbenzene
Concen: 0.429 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Tgt Ion:105 Resp: 4677
Ion Ratio Lower Upper
105 100
120 45.5 24.7 74.1

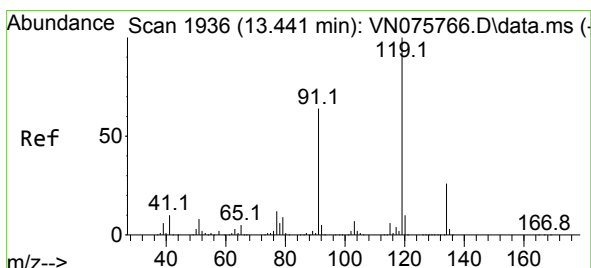
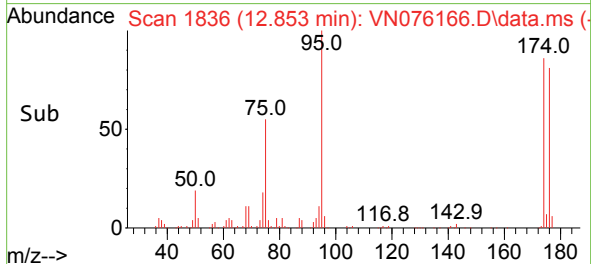
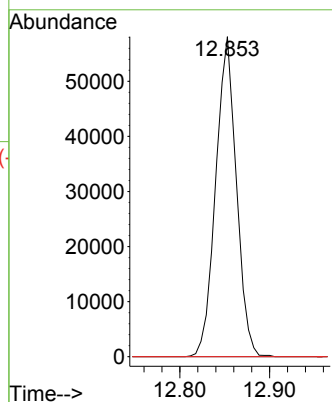
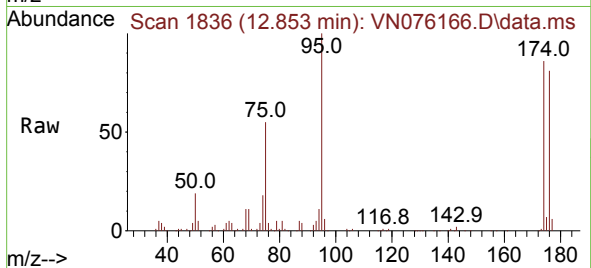




#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.121 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.112 min
 Lab File: VN076166.D
 Acq: 09 Jan 2023 19:16

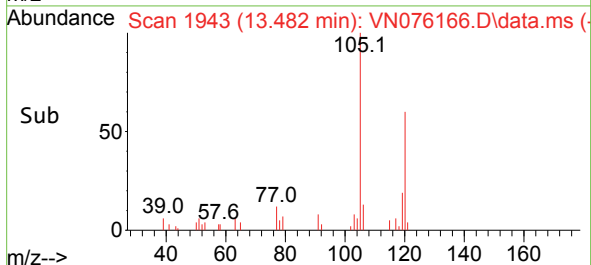
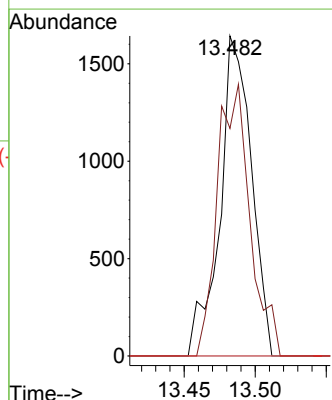
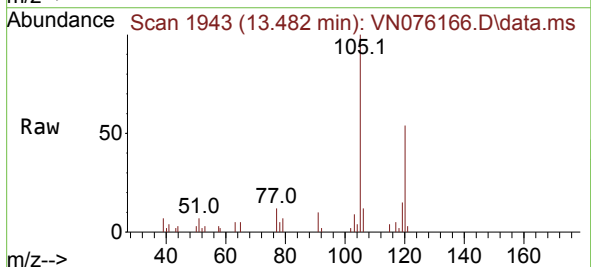
Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-1550

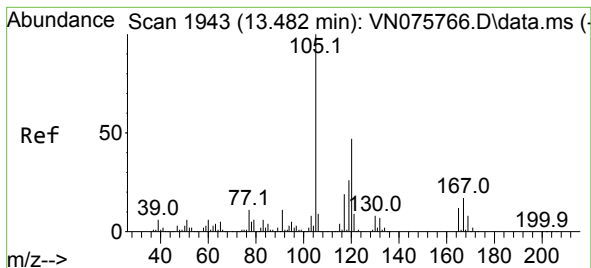
Tgt Ion: 75 Resp: 93039
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.8 110.6#
 89 0.0 39.5 59.3#



#83
 tert-Butylbenzene
 Concen: 0.264 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.041 min
 Lab File: VN076166.D
 Acq: 09 Jan 2023 19:16

Tgt Ion: 119 Resp: 2537
 Ion Ratio Lower Upper
 119 100
 91 87.9 31.9 95.5
 134 0.0 13.8 41.4#





#84

1,2,4-Trimethylbenzene

Concen: 1.744 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076166.D

Acq: 09 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

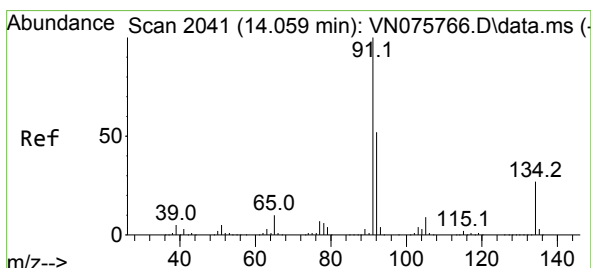
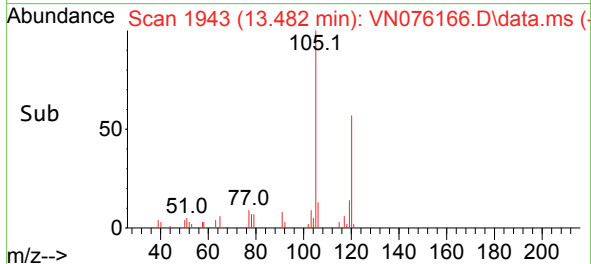
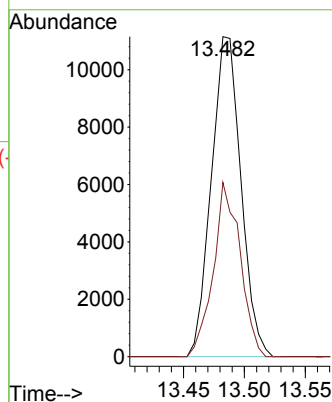
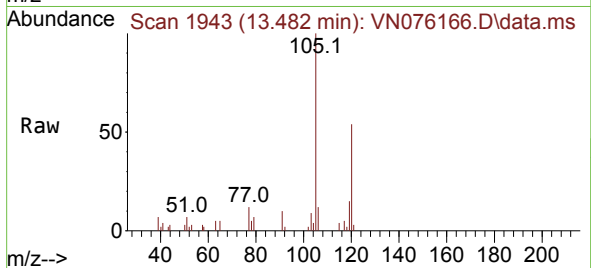
BUR-1550

Tgt Ion:105 Resp: 18868

Ion Ratio Lower Upper

105 100

120 49.3 23.3 69.8



#89

n-Butylbenzene

Concen: 0.239 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN076166.D

Acq: 09 Jan 2023 19:16

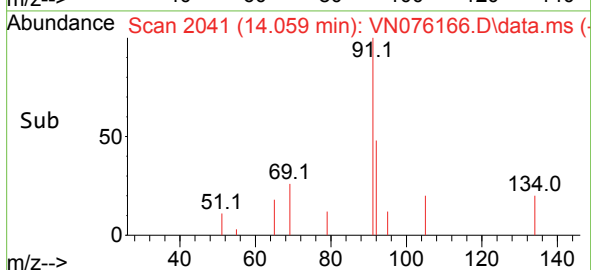
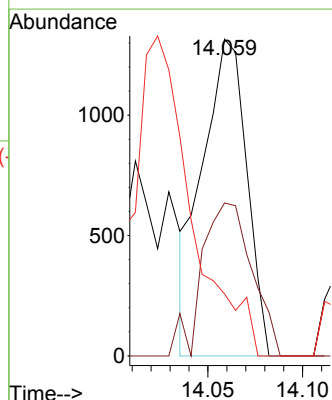
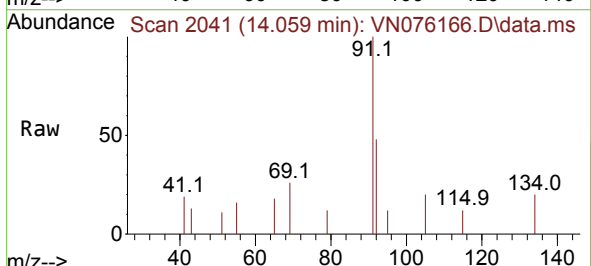
Tgt Ion: 91 Resp: 2140

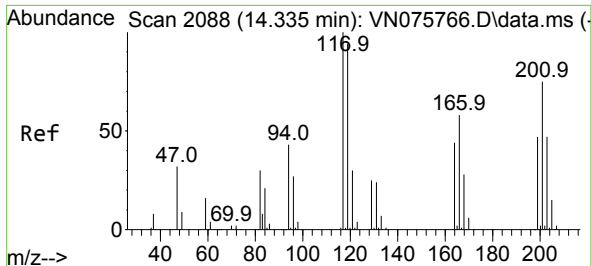
Ion Ratio Lower Upper

91 100

92 54.7 26.4 79.2

134 0.0 13.4 40.2#

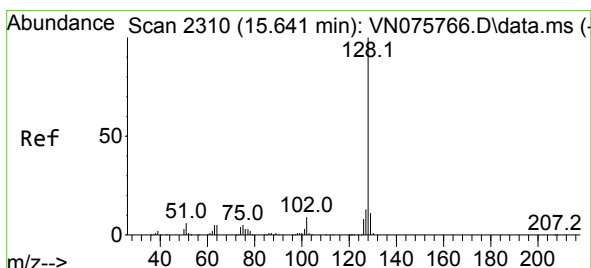
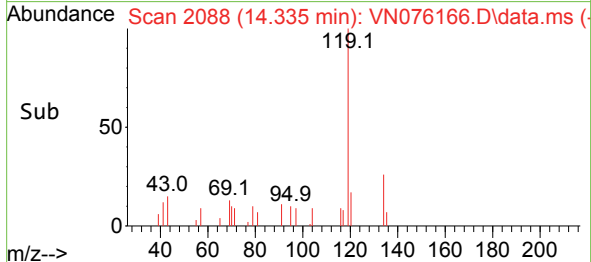
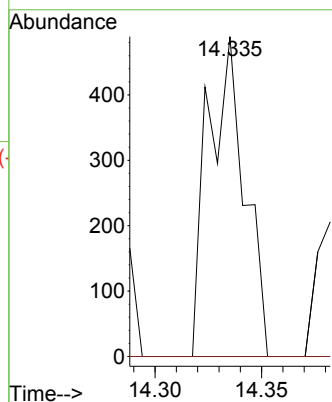
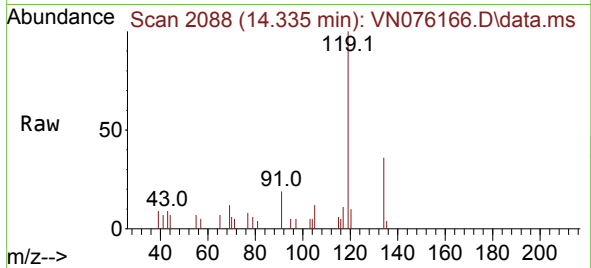




#90
Hexachloroethane
Concen: 0.296 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :
BUR-1550

Tgt Ion:117 Resp: 585
Ion Ratio Lower Upper
117 100
201 0.0 38.0 114.1#



#95
Naphthalene
Concen: 2.596 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076166.D
Acq: 09 Jan 2023 19:16

Tgt Ion:128 Resp: 4294
Ion Ratio Lower Upper
128 100
127 10.0 10.4 15.6#
129 7.1 8.7 13.1#

