

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071920.D
 Acq On : 08 Apr 2022 17:32
 Operator : JC\MD
 Sample : N2308-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF0422

Quant Time: Apr 09 05:06:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

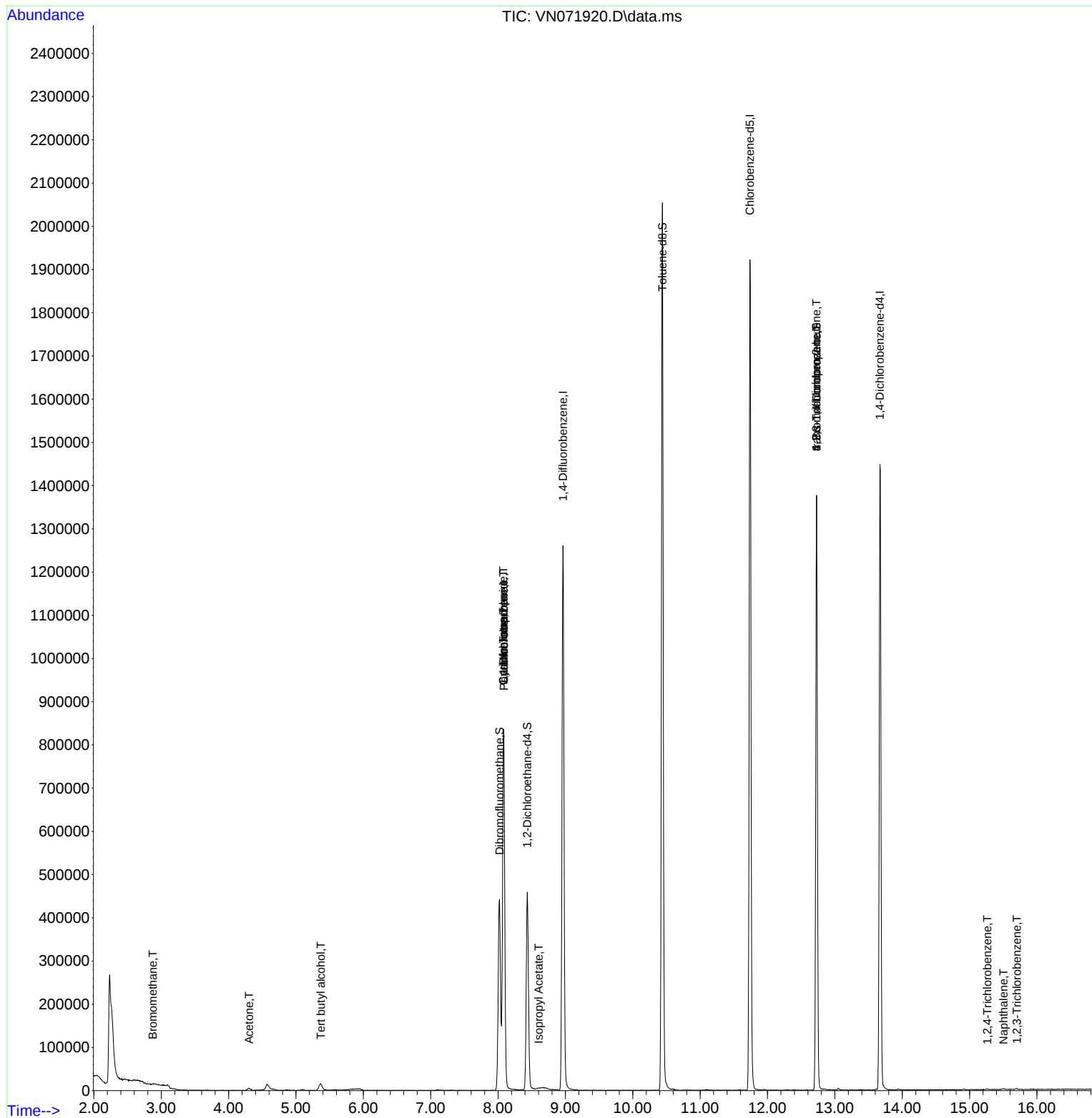
Internal Standards						
1) Pentafluorobenzene	8.086	168	707475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1196744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1232317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	444374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	383449	47.476	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.960%
35) Dibromofluoromethane	8.022	113	338924	48.128	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.260%
50) Toluene-d8	10.439	98	1494820	51.889	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.780%
62) 4-Bromofluorobenzene	12.727	95	487406	52.314	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.620%
Target Compounds						
					Qvalue	
5) Bromomethane	2.875	94	1622	0.319	ug/l #	74
11) Tert butyl alcohol	5.369	59	28808	21.979	ug/l	100
16) Acetone	4.304	43	6691	1.938	ug/l #	76
18) Methyl Acetate	4.863	43	2901	Below Cal	#	58
31) Cyclohexane	8.081	56	11549	1.051	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	46077	4.685	ug/l #	49
38) Carbon Tetrachloride	8.081	117	61452	6.376	ug/l #	16
43) Isopropyl Acetate	8.604	43	4537	0.253	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	231159	22.455	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	231159	69.588	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	1040	2.227	ug/l	60
95) Naphthalene	15.504	128	3584	3.967	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.704	180	1399	2.608	ug/l	87

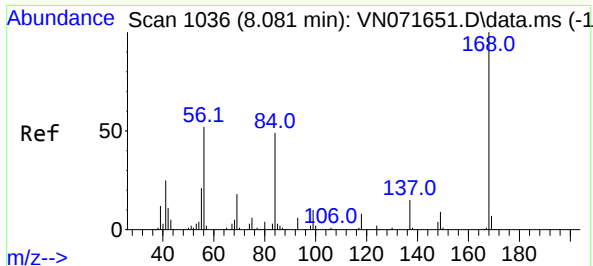
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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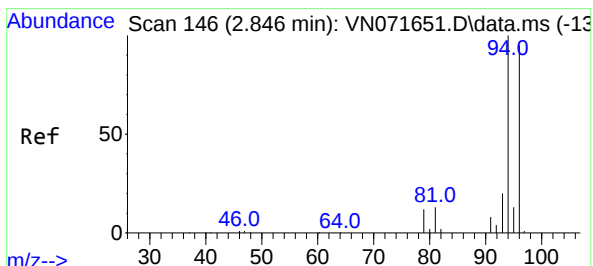
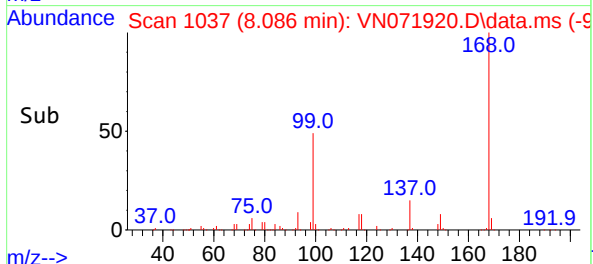
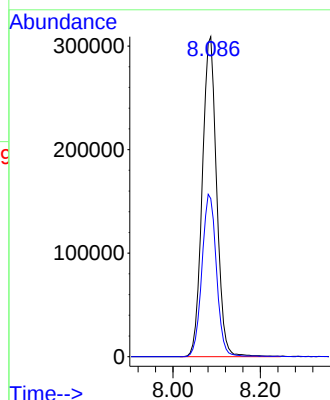
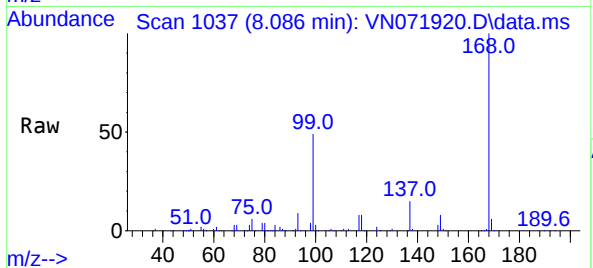




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

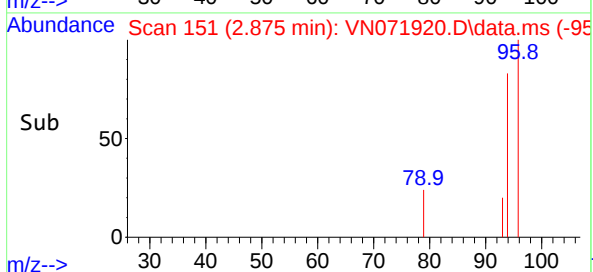
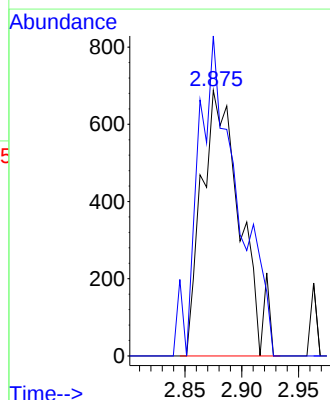
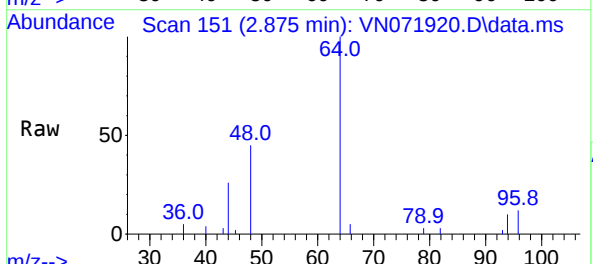
Instrument :
MSVOA_N
ClientSampleId :
EFF0422

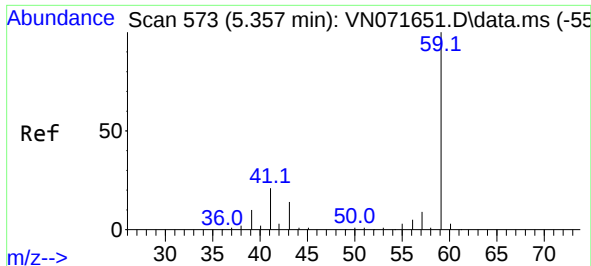
Tgt Ion:168 Resp: 707475
Ion Ratio Lower Upper
168 100
99 49.4 42.3 63.5



#5
Bromomethane
Concen: 0.319 ug/l
RT: 2.875 min Scan# 151
Delta R.T. 0.029 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

Tgt Ion: 94 Resp: 1622
Ion Ratio Lower Upper
94 100
96 120.5 76.0 114.0#

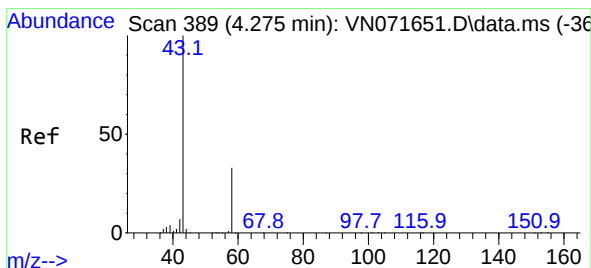
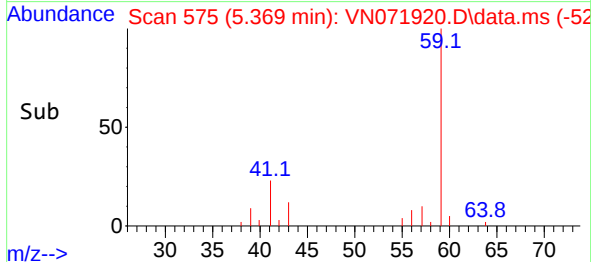
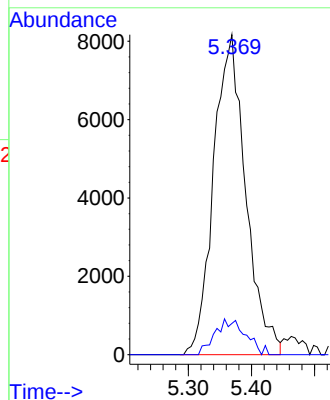
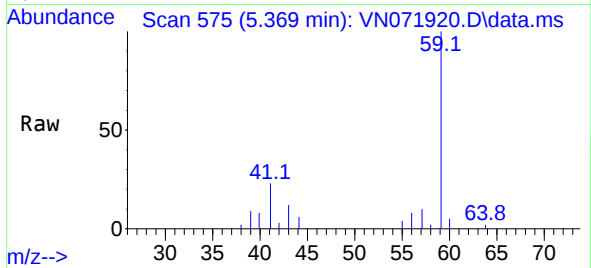




#11
Tert butyl alcohol
Concen: 21.979 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

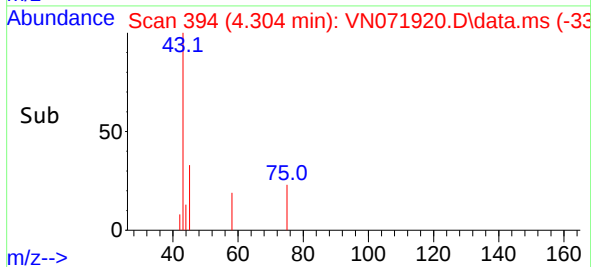
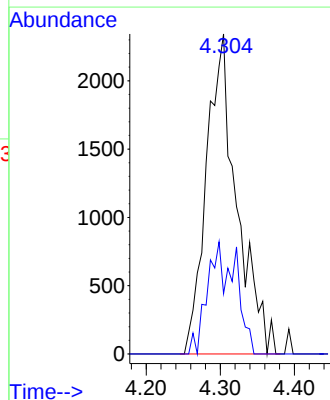
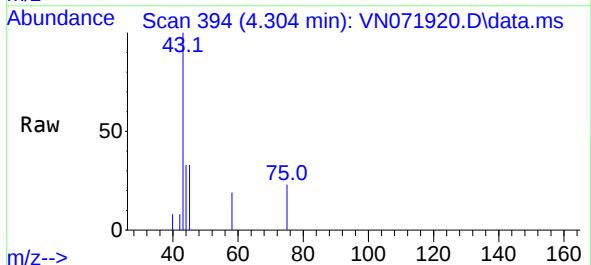
Instrument :
MSVOA_N
ClientSampleId :
EFF0422

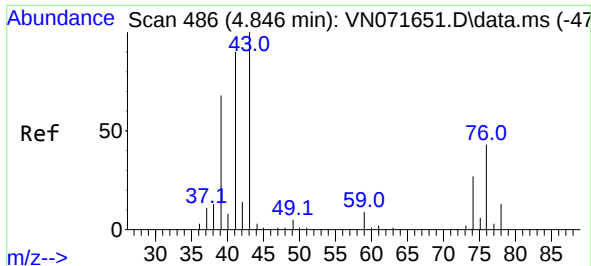
Tgt Ion: 59 Resp: 28808
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#16
Acetone
Concen: 1.938 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.029 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

Tgt Ion: 43 Resp: 6691
Ion Ratio Lower Upper
43 100
58 18.9 26.0 39.0#

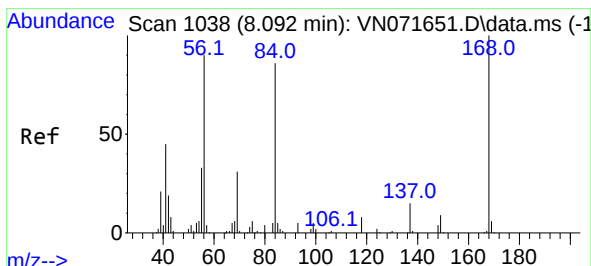
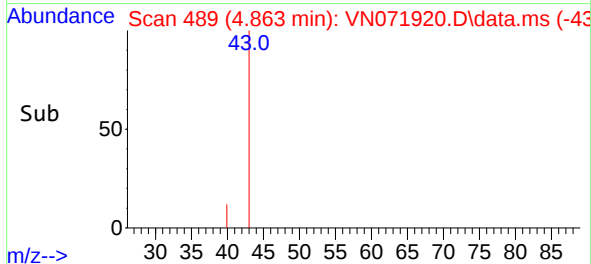
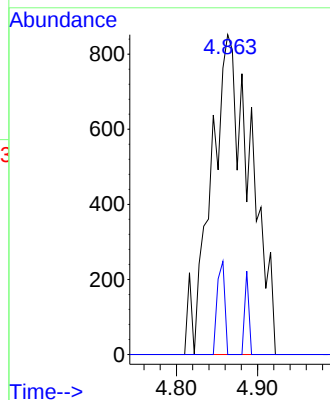
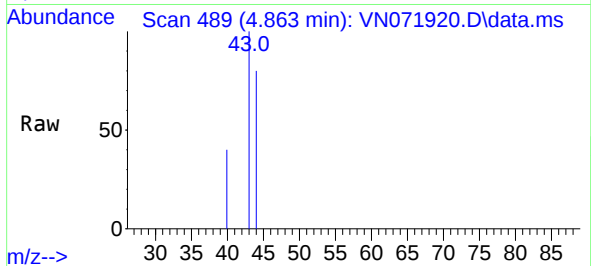




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

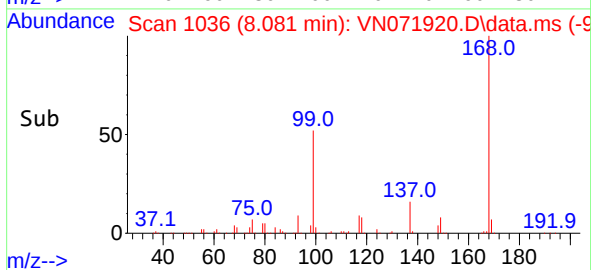
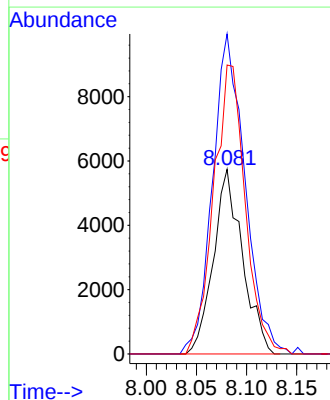
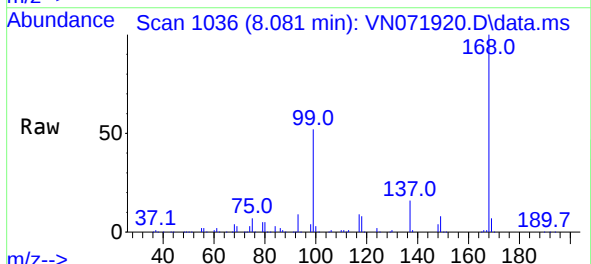
Instrument :
MSVOA_N
ClientSampleId :
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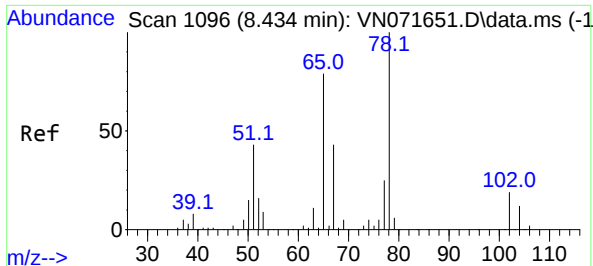
Tgt Ion: 43 Resp: 2901
Ion Ratio Lower Upper
43 100
74 5.4 21.6 32.4#



#31
Cyclohexane
Concen: 1.051 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

Tgt Ion: 56 Resp: 11549
Ion Ratio Lower Upper
56 100
69 173.3 27.8 41.8#
84 156.5 76.9 115.3#

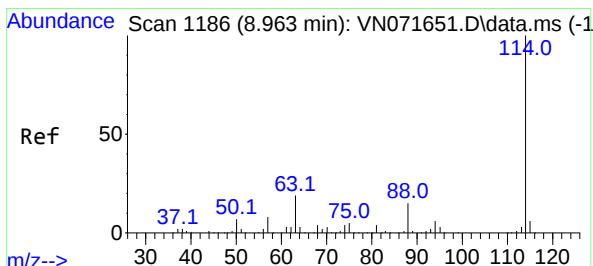
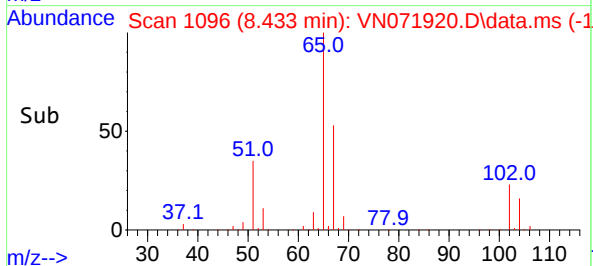
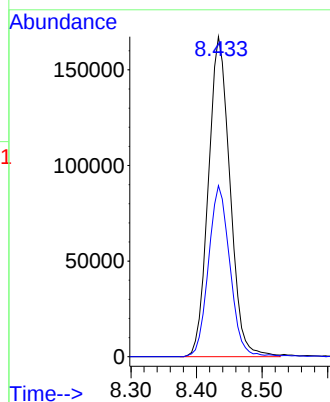
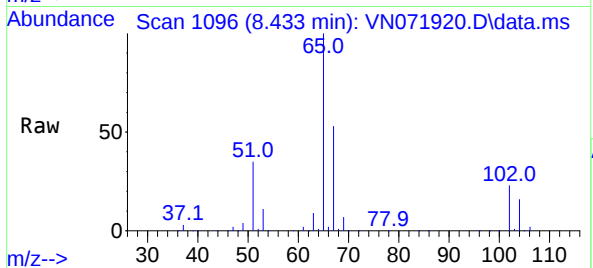




#33
1,2-Dichloroethane-d4
Concen: 47.476 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

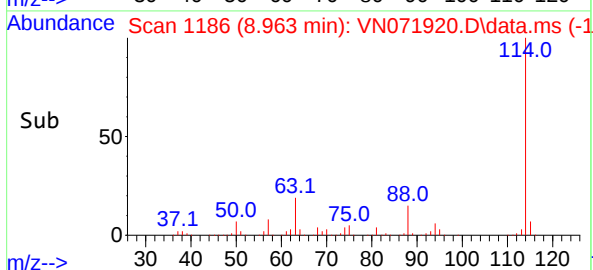
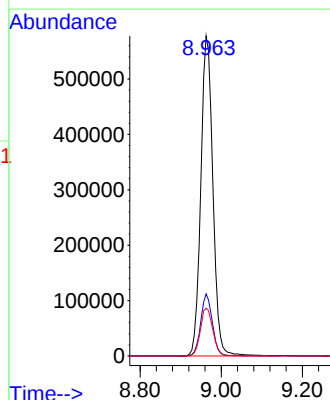
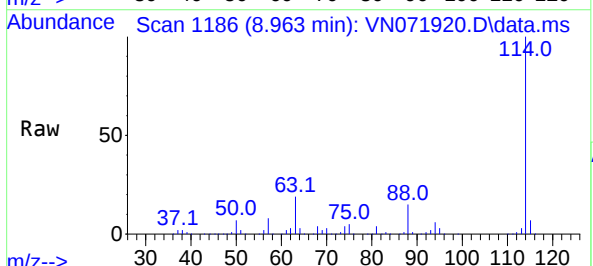
Instrument :
MSVOA_N
ClientSampleId :
EFF0422

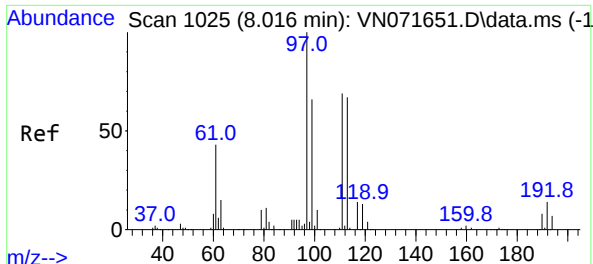
Tgt Ion: 65 Resp: 383449
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

Tgt Ion:114 Resp: 1196744
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.128 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071920.D

Acq: 08 Apr 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

EFF0422

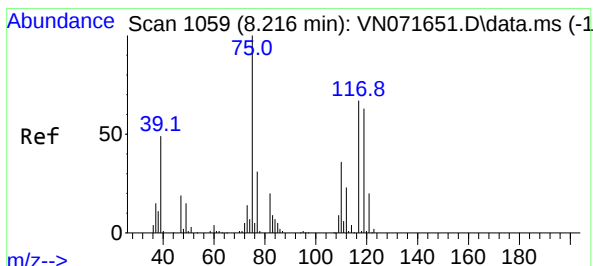
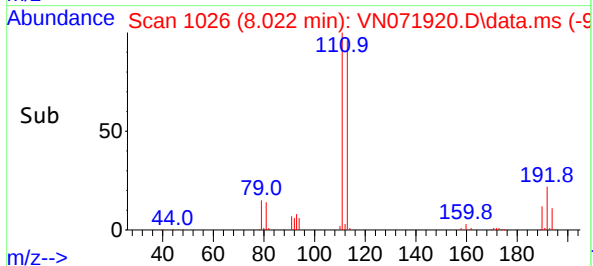
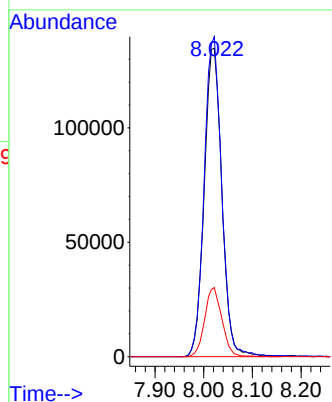
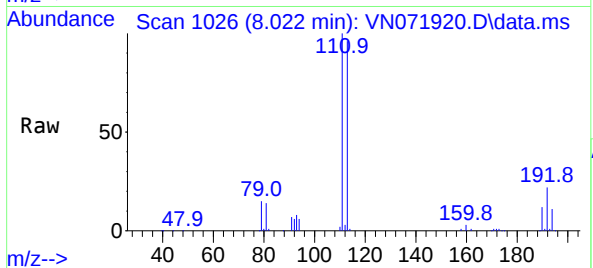
Tgt Ion:113 Resp: 338924

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 21.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.685 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071920.D

Acq: 08 Apr 2022 17:32

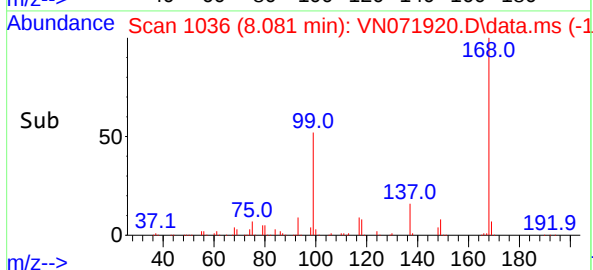
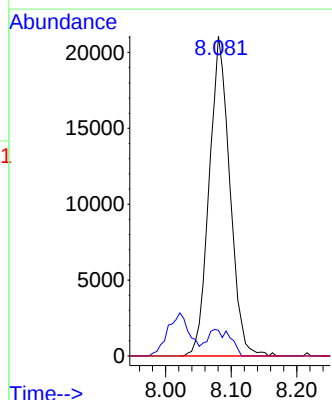
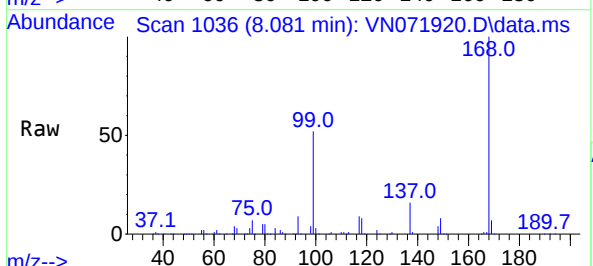
Tgt Ion: 75 Resp: 46077

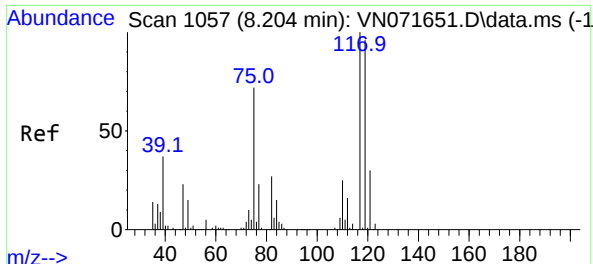
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 25.1 37.7#

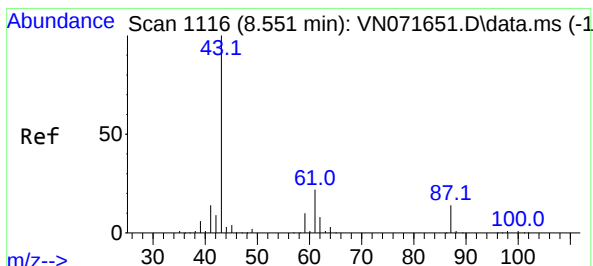
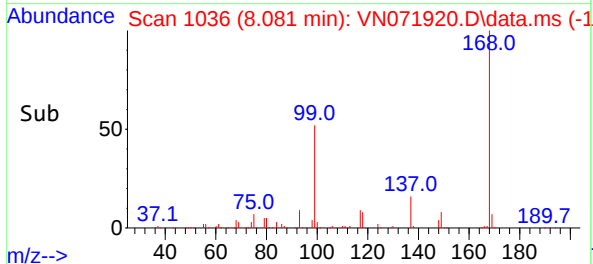
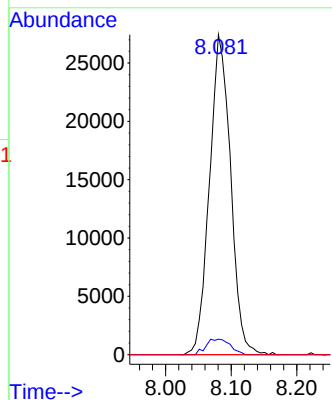
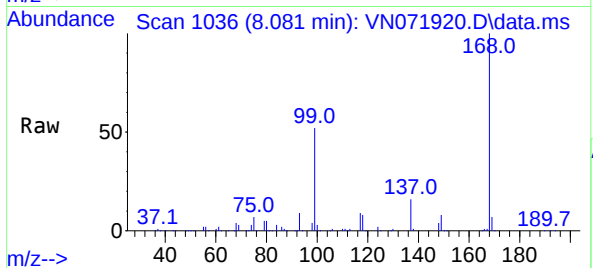




#38
Carbon Tetrachloride
Concen: 6.376 ug/l
RT: 8.081 min Scan# 1105
Delta R.T. -0.123 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

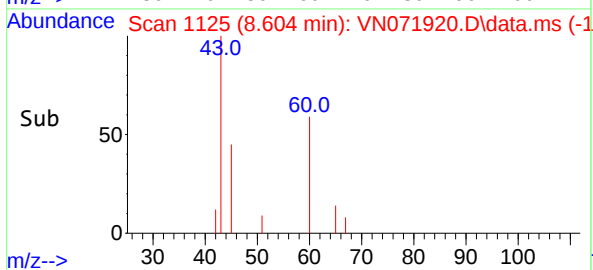
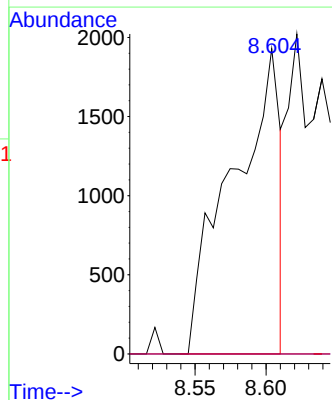
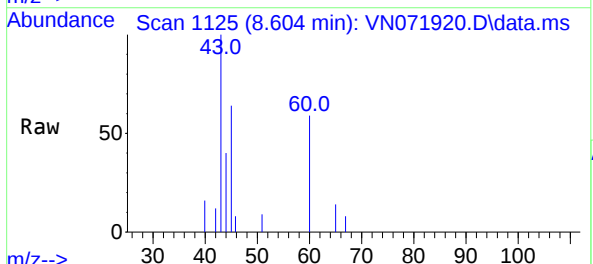
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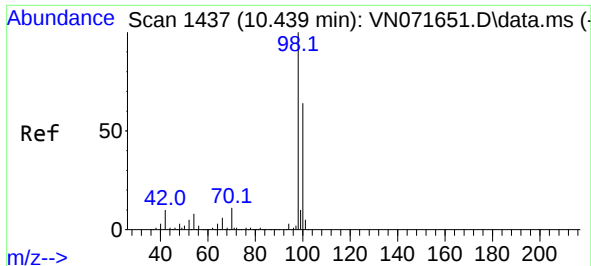
Tgt Ion:117 Resp: 61452
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.253 ug/l
RT: 8.604 min Scan# 1125
Delta R.T. 0.053 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

Tgt Ion: 43 Resp: 4537
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

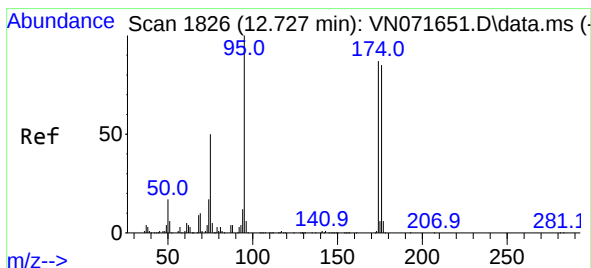
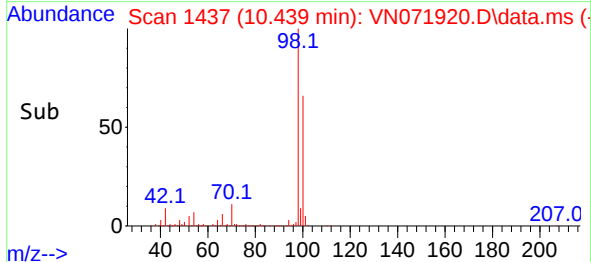
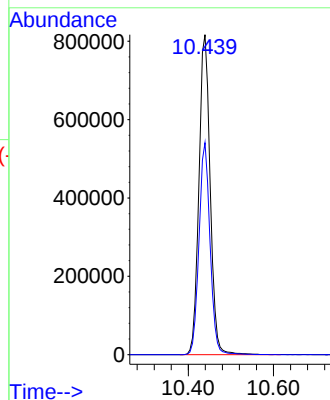
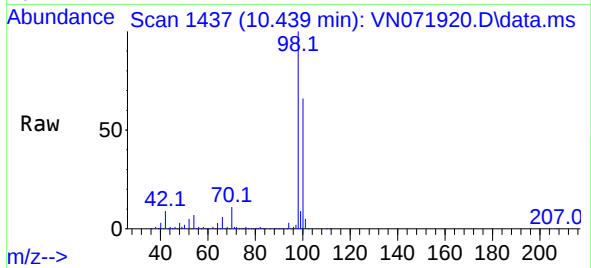




#50
Toluene-d8
Concen: 51.889 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

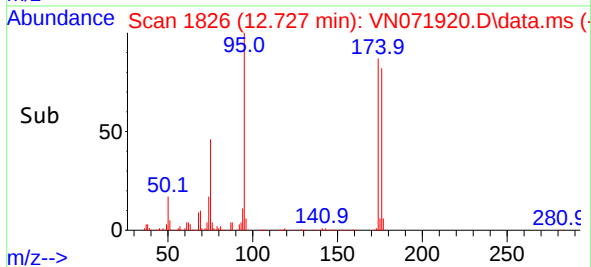
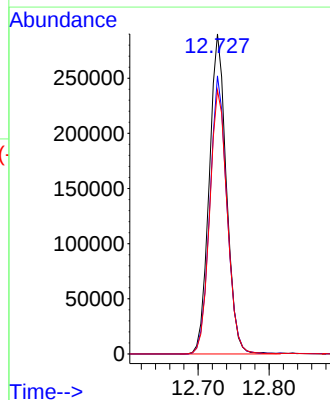
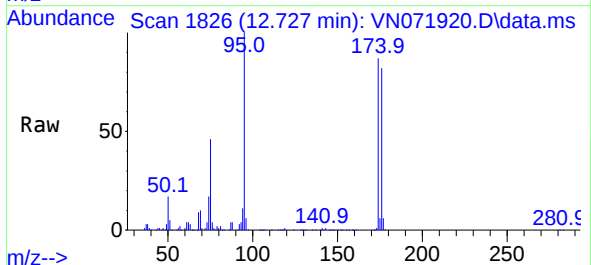
Instrument :
MSVOA_N
ClientSampleId :
EFF0422

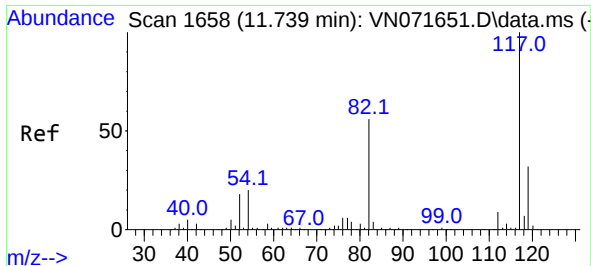
Tgt Ion: 98 Resp: 1494820
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.314 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

Tgt Ion: 95 Resp: 487406
Ion Ratio Lower Upper
95 100
174 86.1 0.0 167.6
176 84.1 0.0 163.4

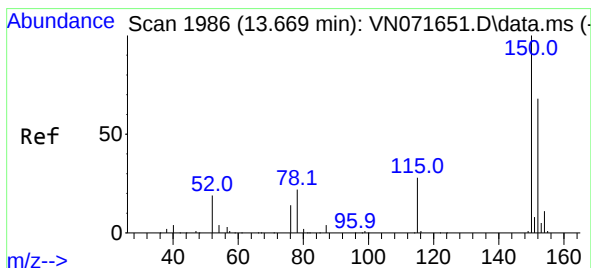
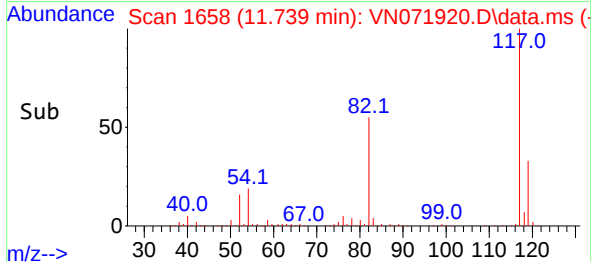
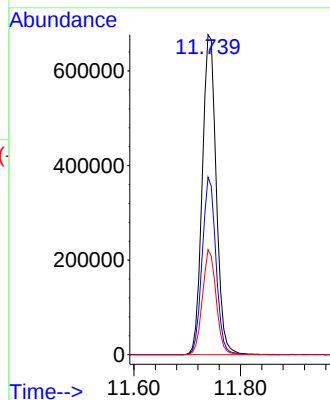
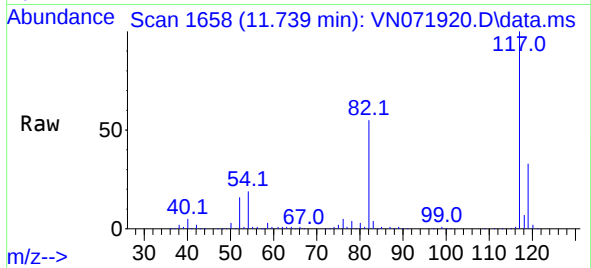




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

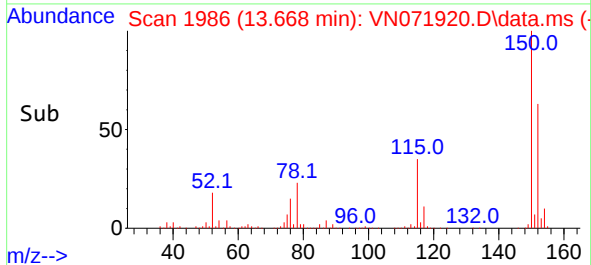
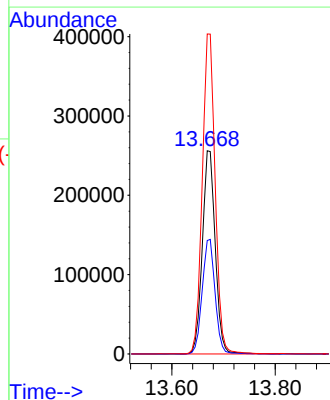
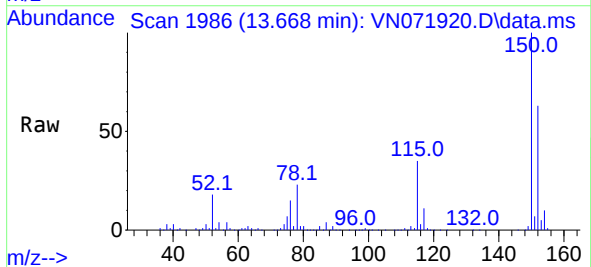
Instrument :
MSVOA_N
ClientSampleId :
EFF0422

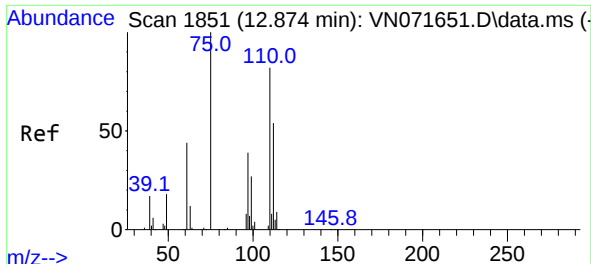
Tgt Ion:117 Resp: 1232317
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

Tgt Ion:152 Resp: 444374
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 156.7 0.0 356.2

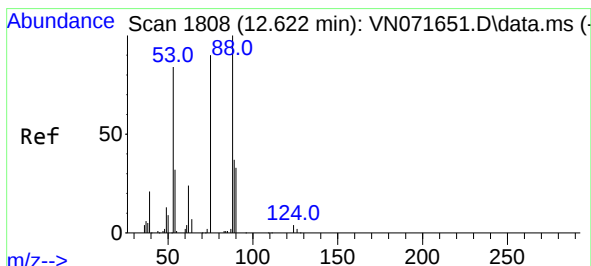
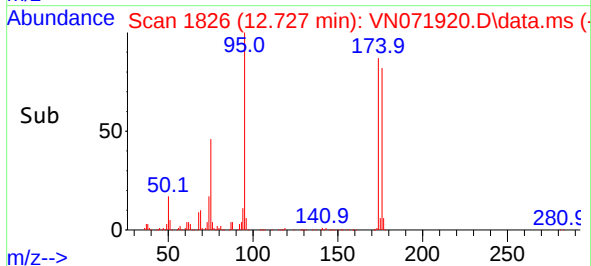
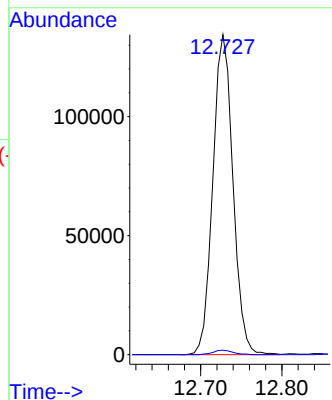
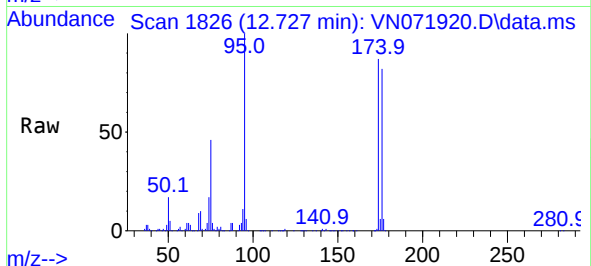




#76
1,2,3-Trichloropropane
Concen: 22.455 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

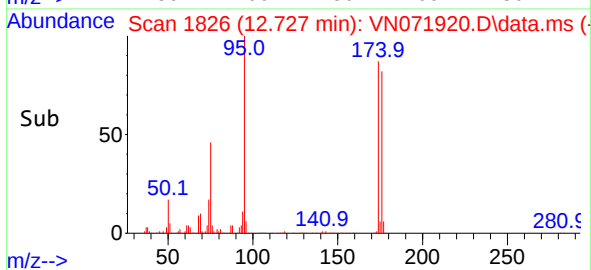
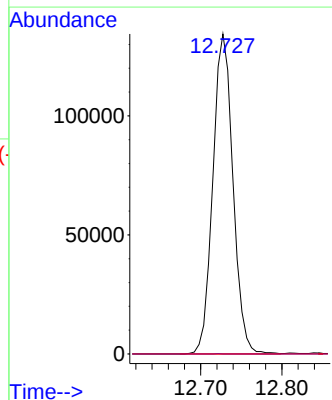
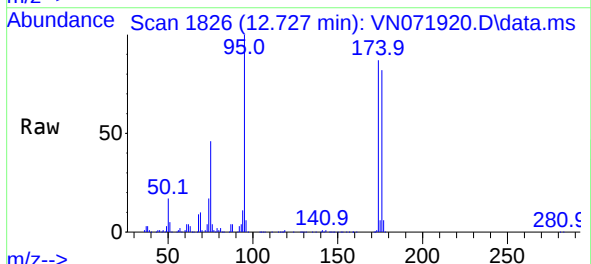
Instrument :
MSVOA_N
ClientSampleId :
EFF0422

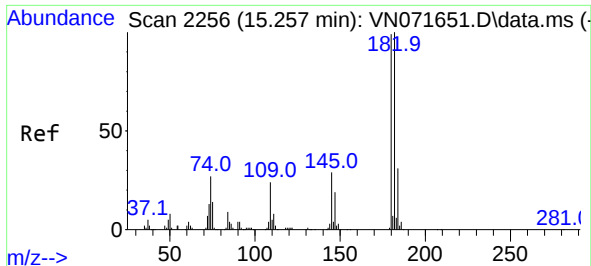
Tgt Ion: 75 Resp: 231159
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.588 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

Tgt Ion: 75 Resp: 231159
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

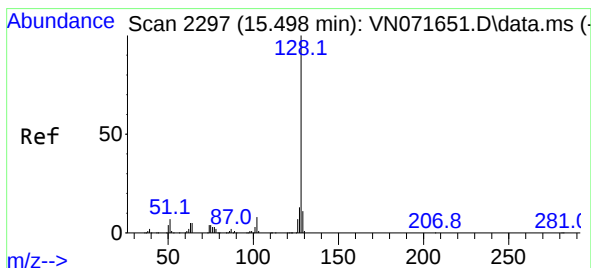
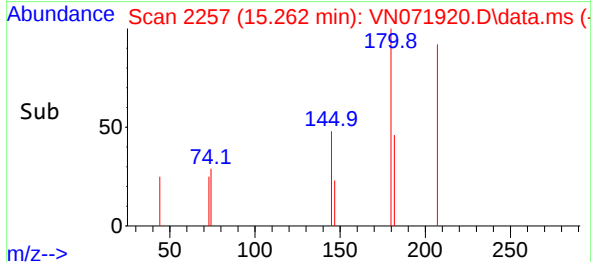
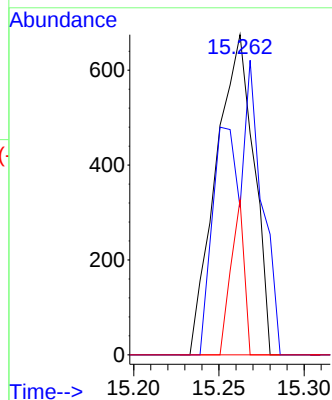
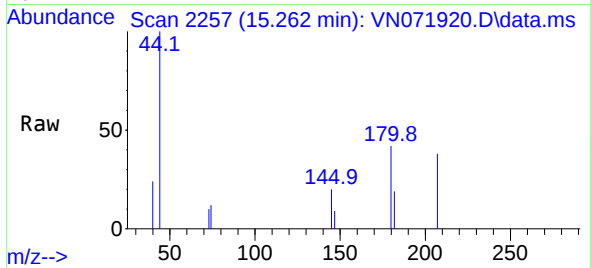




#93
1,2,4-Trichlorobenzene
Concen: 2.227 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

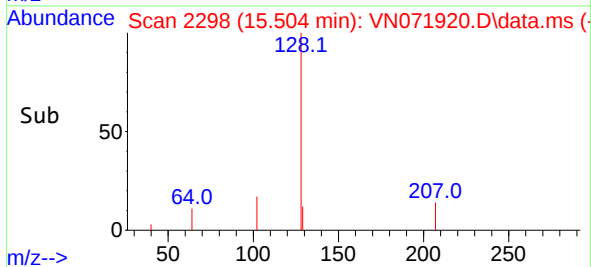
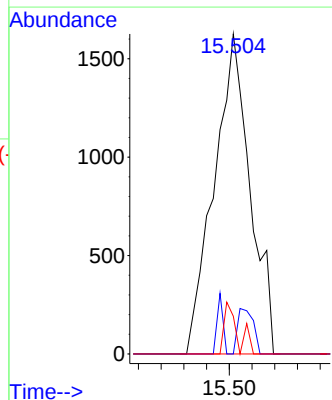
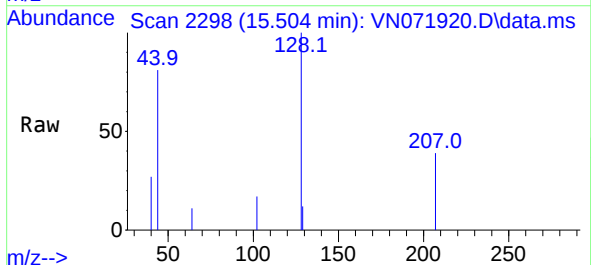
Instrument :
MSVOA_N
ClientSampleId :
EFF0422

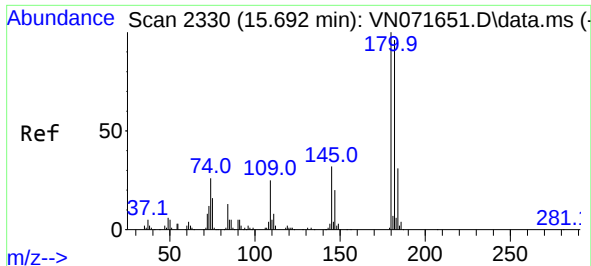
Tgt Ion:180 Resp: 1040
Ion Ratio Lower Upper
180 100
182 51.0 47.5 142.5
145 17.1 14.5 43.5



#95
Naphthalene
Concen: 3.967 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071920.D
Acq: 08 Apr 2022 17:32

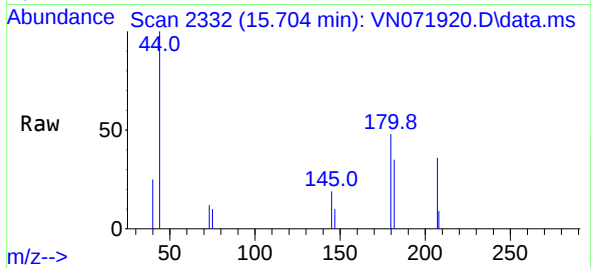
Tgt Ion:128 Resp: 3584
Ion Ratio Lower Upper
128 100
127 6.1 10.3 15.5#
129 6.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.608 ug/l
 RT: 15.704 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN071920.D
 Acq: 08 Apr 2022 17:32

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF0422



Tgt Ion:	180	Resp:	1399
Ion	Ratio	Lower	Upper
180	100		
182	107.4	47.8	143.3
145	22.0	15.5	46.5

