

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072134.D
 Acq On : 21 Apr 2022 18:45
 Operator : JC\MD
 Sample : N2481-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GES-1R

Quant Time: Apr 22 01:26:13 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)

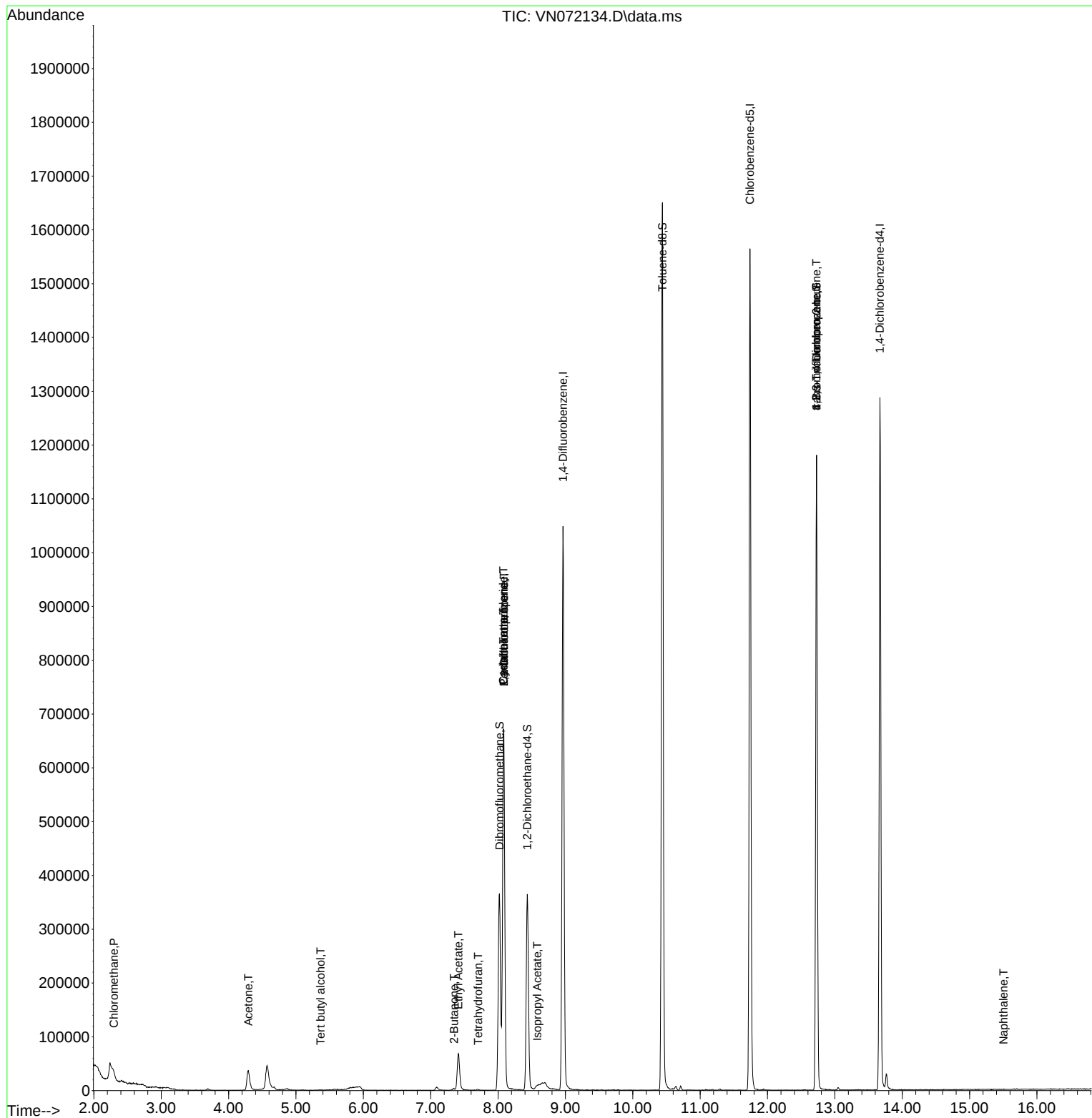
Internal Standards						
1) Pentafluorobenzene	8.086	168	568661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	983878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	981474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	382016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	303733	46.786	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.580%
35) Dibromofluoromethane	8.022	113	277349	47.905	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.820%
50) Toluene-d8	10.439	98	1214462	51.278	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.727	95	419996	54.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2453	0.428	ug/l	90
11) Tert butyl alcohol	5.363	59	1495	1.419	ug/l #	72
16) Acetone	4.293	43	65587	23.640	ug/l	92
18) Methyl Acetate	4.869	43	6076	Below Cal	#	68
25) 2-Butanone	7.345	43	4550	1.138	ug/l #	87
29) Tetrahydrofuran	7.704	42	687	0.265	ug/l #	75
31) Cyclohexane	8.081	56	9625	1.090	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	37201	4.601	ug/l #	49
37) Ethyl Acetate	7.410	43	103333	11.677	ug/l #	94
38) Carbon Tetrachloride	8.081	117	49449	6.241	ug/l #	17
43) Isopropyl Acetate	8.581	43	5838	0.397	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	198946	22.481	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	198946	69.666	ug/l #	10
95) Naphthalene	15.504	128	722	3.841	ug/l #	69

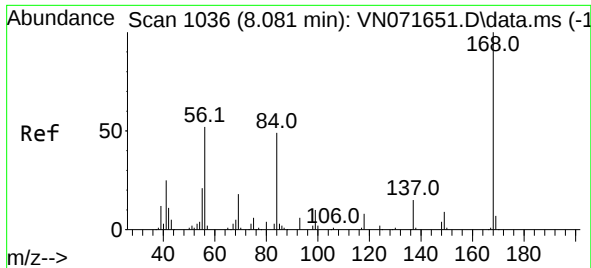
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
Data File : VN072134.D
Acq On : 21 Apr 2022 18:45
Operator : JC\MD
Sample : N2481-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GES-1R

Quant Time: Apr 22 01:26:13 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

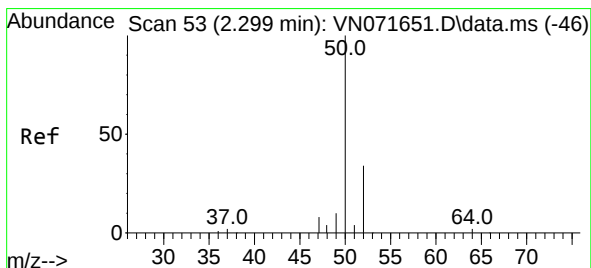
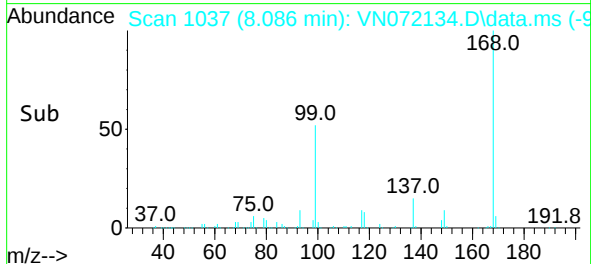
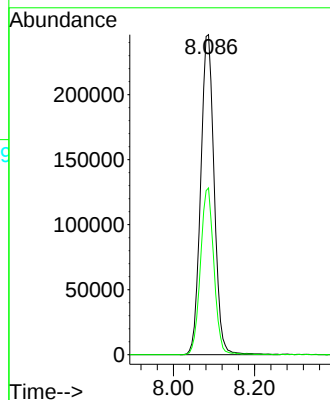
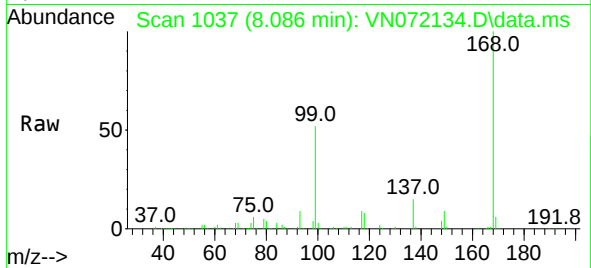




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072134.D
Acq: 21 Apr 2022 18:45

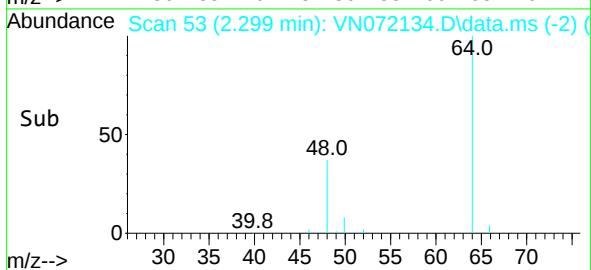
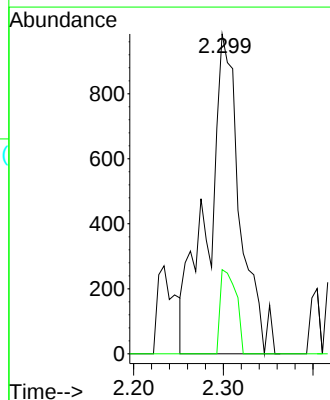
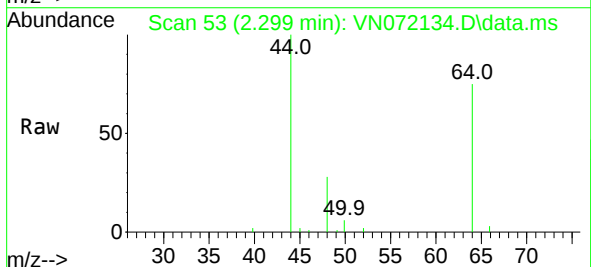
Instrument :
MSVOA_N
ClientSampleId :
GES-1R

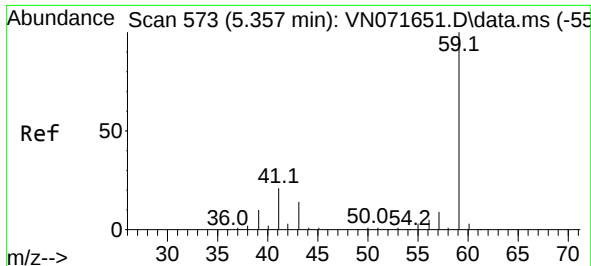
Tgt Ion:168 Resp: 568661
Ion Ratio Lower Upper
168 100
99 52.1 42.3 63.5



#3
Chloromethane
Concen: 0.428 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072134.D
Acq: 21 Apr 2022 18:45

Tgt Ion: 50 Resp: 2453
Ion Ratio Lower Upper
50 100
52 26.3 25.7 38.5

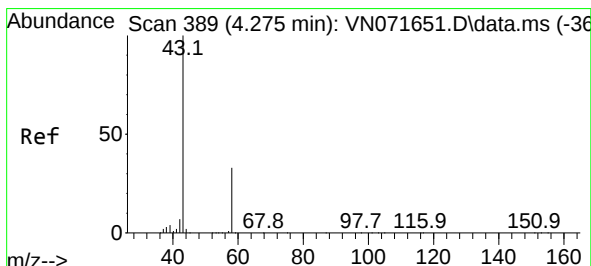
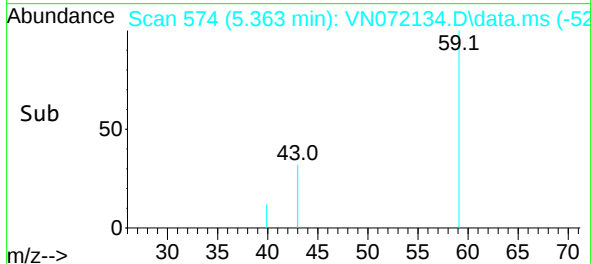
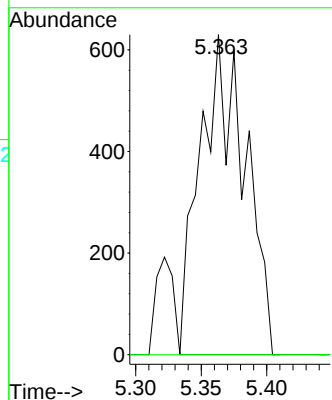
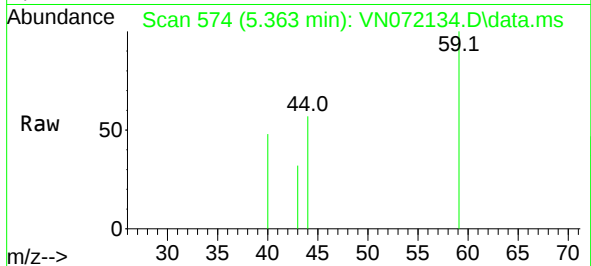




#11
Tert butyl alcohol
Concen: 1.419 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072134.D
Acq: 21 Apr 2022 18:45

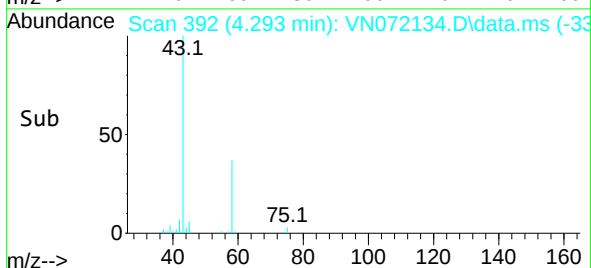
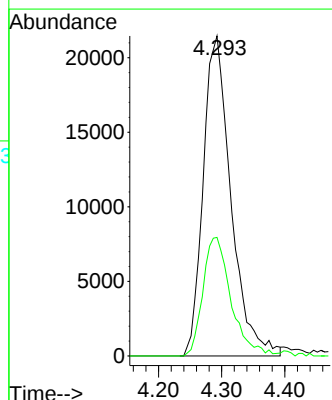
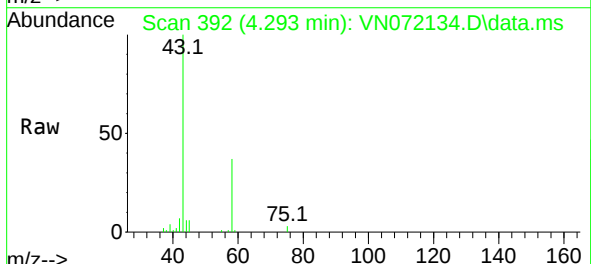
Instrument :
MSVOA_N
ClientSampleId :
GES-1R

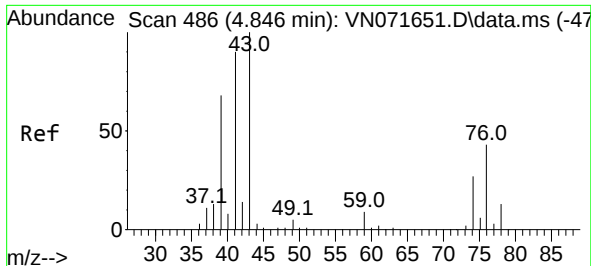
Tgt Ion: 59 Resp: 1495
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 23.640 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN072134.D
Acq: 21 Apr 2022 18:45

Tgt Ion: 43 Resp: 65587
Ion Ratio Lower Upper
43 100
58 37.1 26.0 39.0

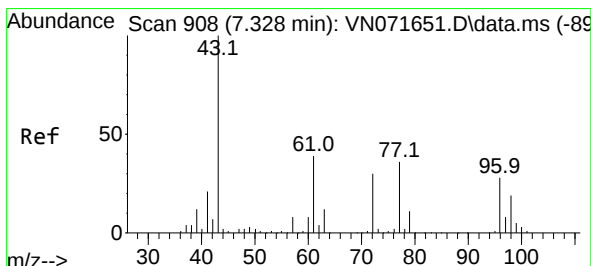
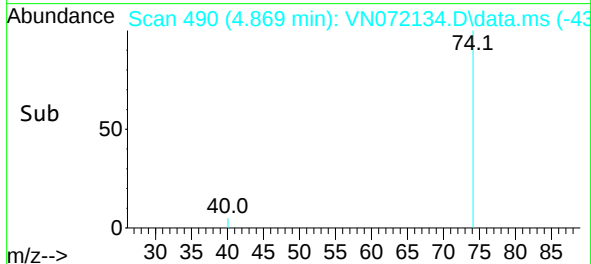
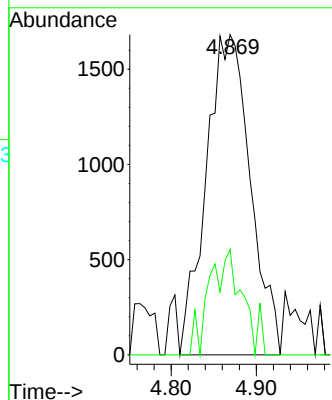
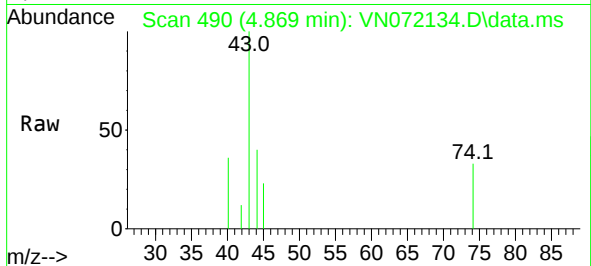




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN072134.D
Acq: 21 Apr 2022 18:45

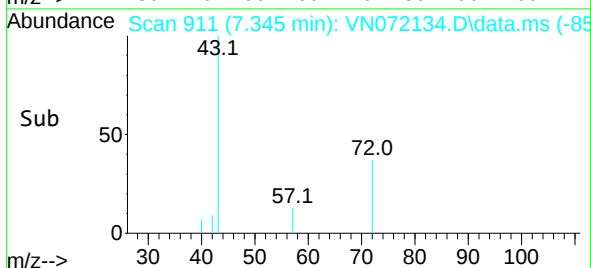
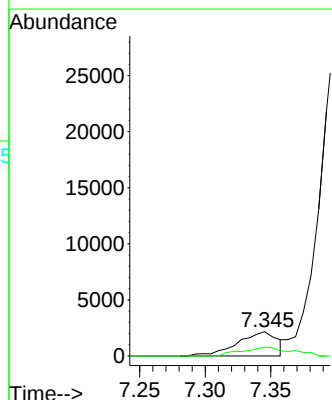
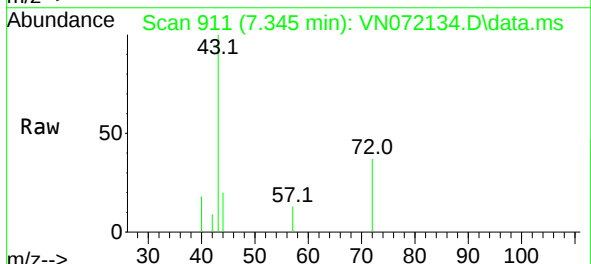
Instrument :
MSVOA_N
ClientSampleId :
GES-1R

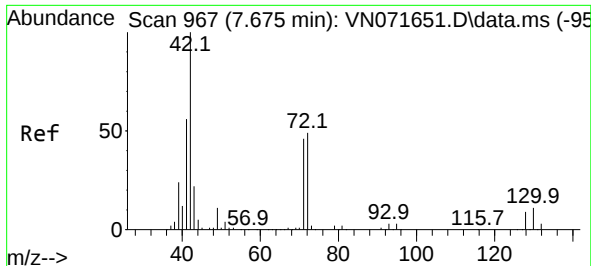
Tgt Ion: 43 Resp: 6076
Ion Ratio Lower Upper
43 100
74 10.2 21.6 32.4#



#25
2-Butanone
Concen: 1.138 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072134.D
Acq: 21 Apr 2022 18:45

Tgt Ion: 43 Resp: 4550
Ion Ratio Lower Upper
43 100
72 36.6 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.265 ug/l

RT: 7.704 min Scan# 91

Delta R.T. 0.029 min

Lab File: VN072134.D

Acq: 21 Apr 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

GES-1R

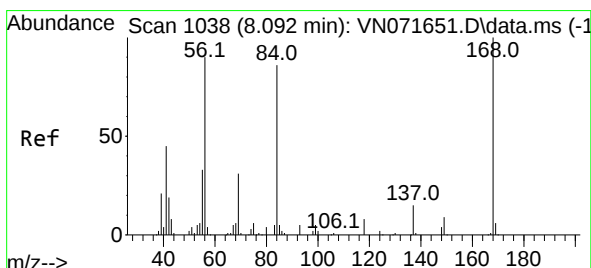
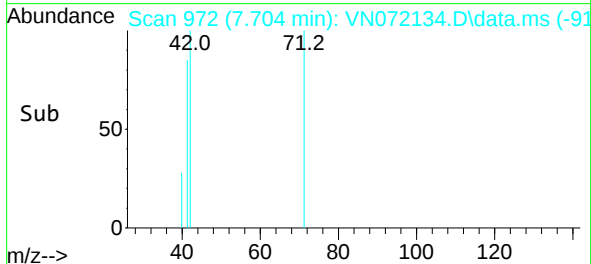
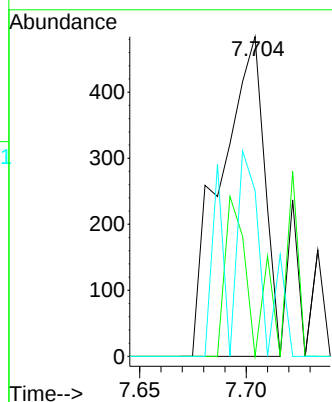
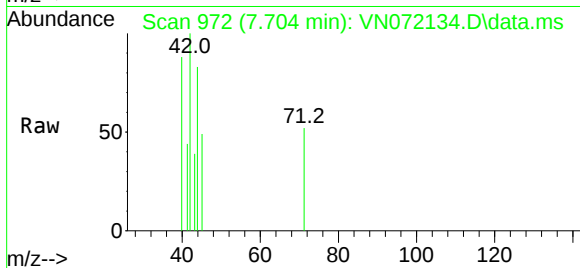
Tgt Ion: 42 Resp: 687

Ion Ratio Lower Upper

42 100

72 21.8 39.7 59.5#

71 51.7 36.6 55.0



#31

Cyclohexane

Concen: 1.090 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072134.D

Acq: 21 Apr 2022 18:45

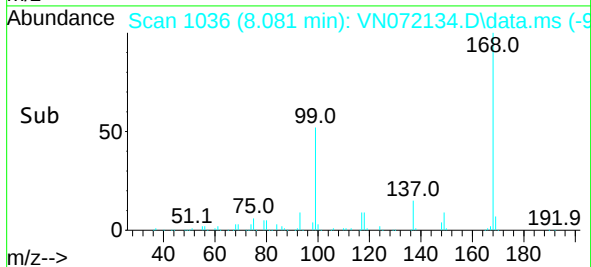
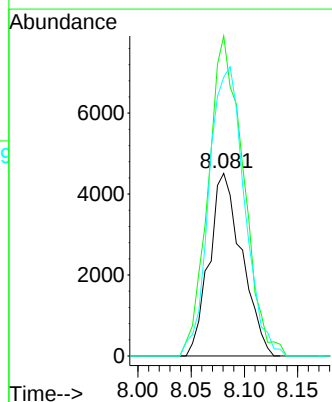
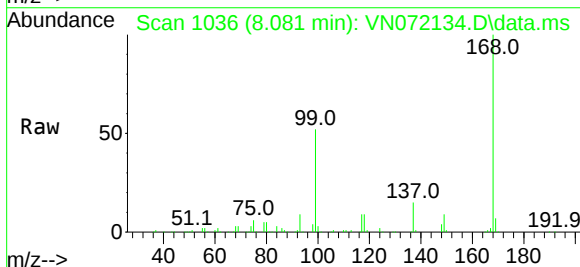
Tgt Ion: 56 Resp: 9625

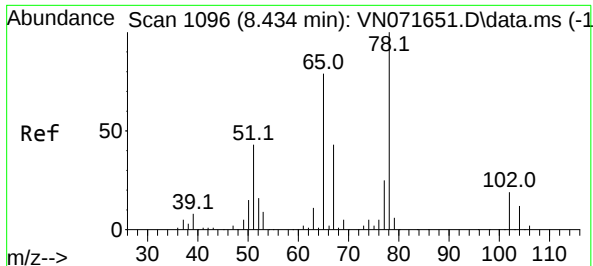
Ion Ratio Lower Upper

56 100

69 175.2 27.8 41.8#

84 152.6 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.786 ug/l

RT: 8.434 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VN072134.D

Acq: 21 Apr 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

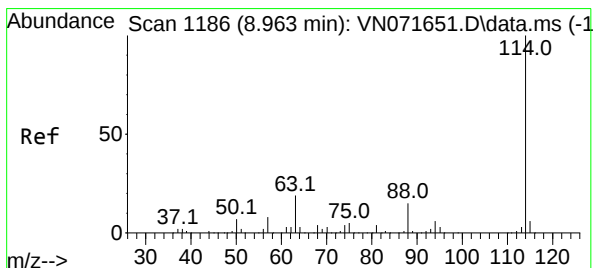
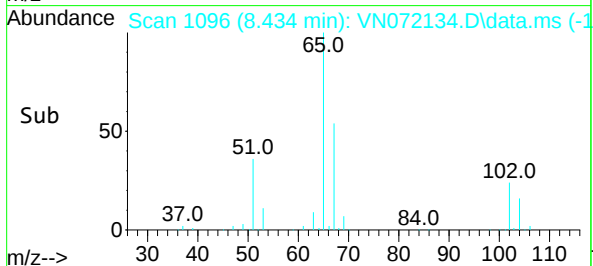
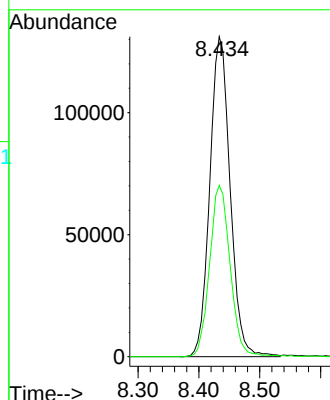
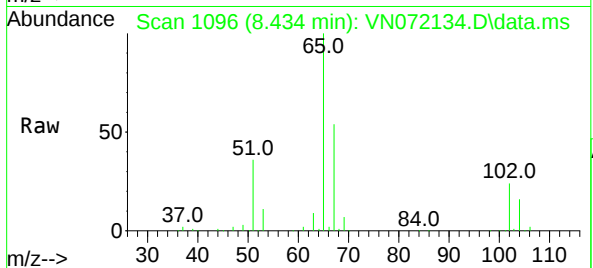
GES-1R

Tgt Ion: 65 Resp: 303733

Ion Ratio Lower Upper

65 100

67 54.2 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: VN072134.D

Acq: 21 Apr 2022 18:45

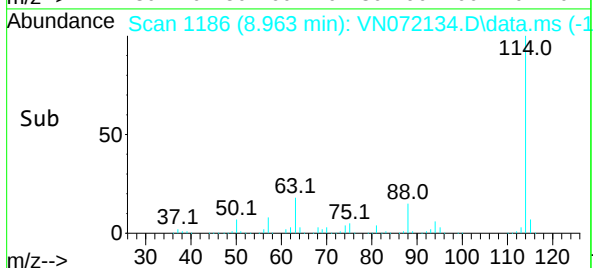
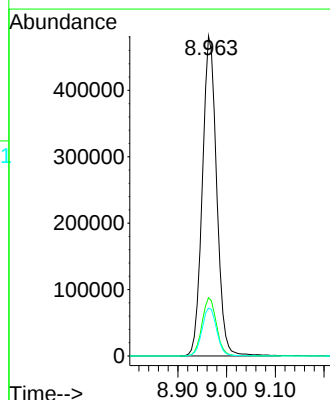
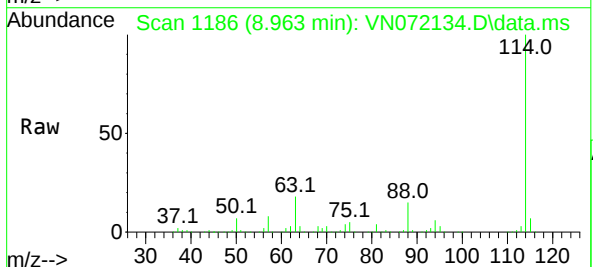
Tgt Ion: 114 Resp: 983878

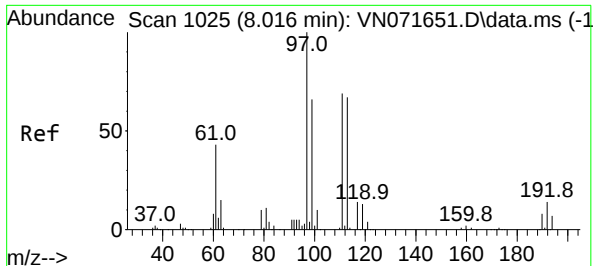
Ion Ratio Lower Upper

114 100

63 18.2 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.905 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072134.D

Acq: 21 Apr 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

GES-1R

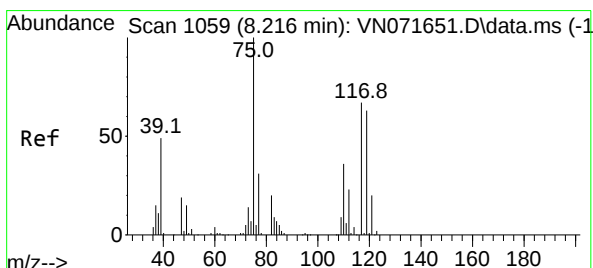
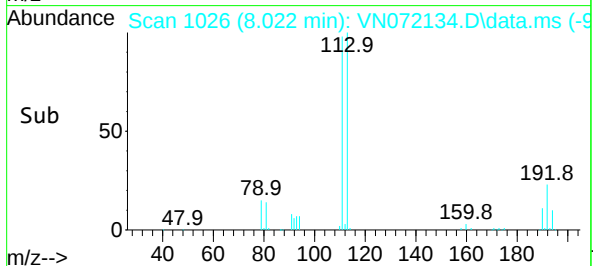
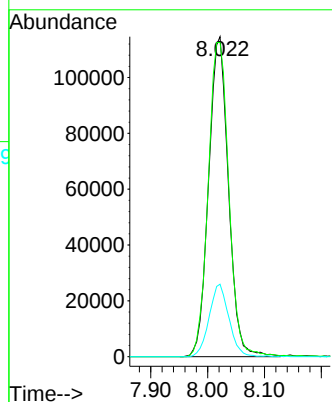
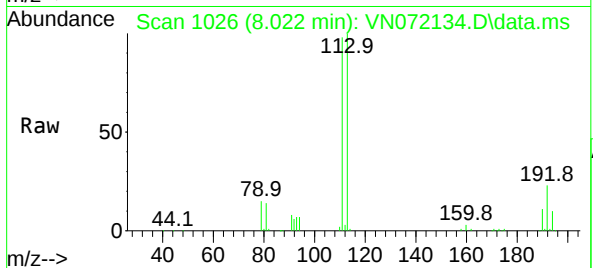
Tgt Ion:113 Resp: 277349

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 22.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.601 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

Lab File: VN072134.D

Acq: 21 Apr 2022 18:45

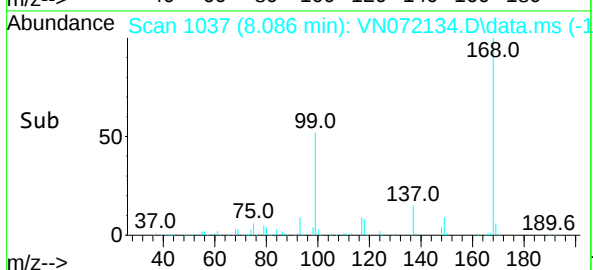
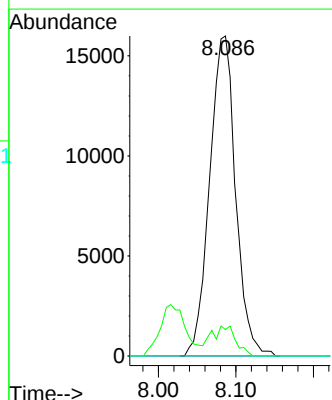
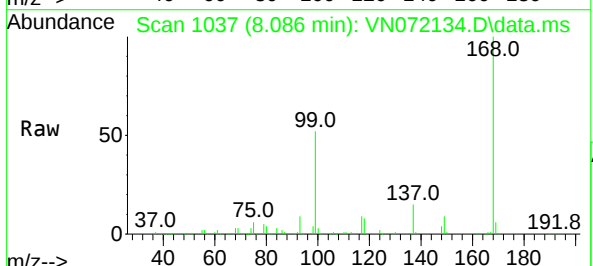
Tgt Ion: 75 Resp: 37201

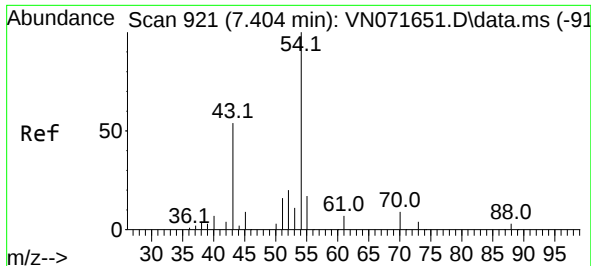
Ion Ratio Lower Upper

75 100

110 8.7 18.3 54.8#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 11.677 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN072134.D

Acq: 21 Apr 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

GES-1R

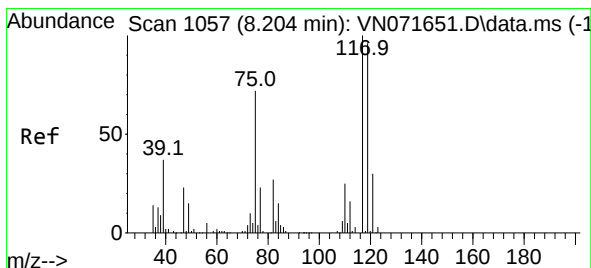
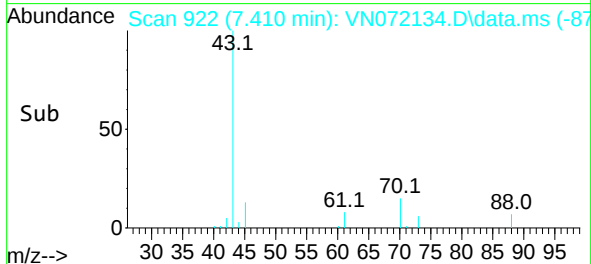
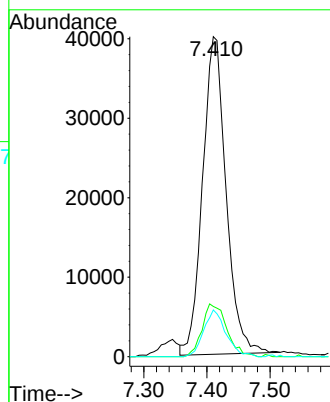
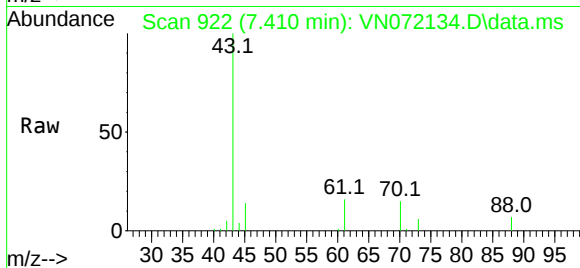
Tgt Ion: 43 Resp: 103333

Ion Ratio Lower Upper

43 100

61 17.3 11.8 17.6

70 14.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 6.241 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072134.D

Acq: 21 Apr 2022 18:45

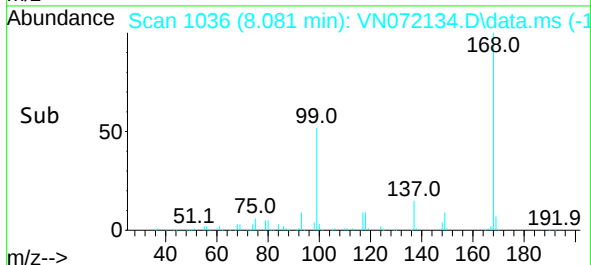
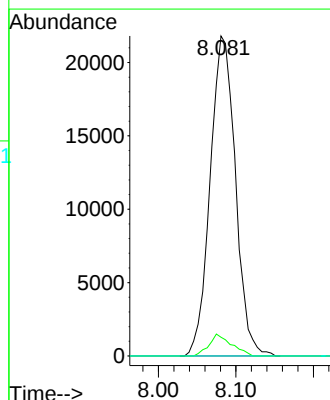
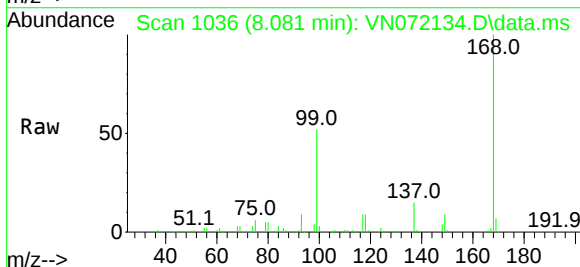
Tgt Ion: 117 Resp: 49449

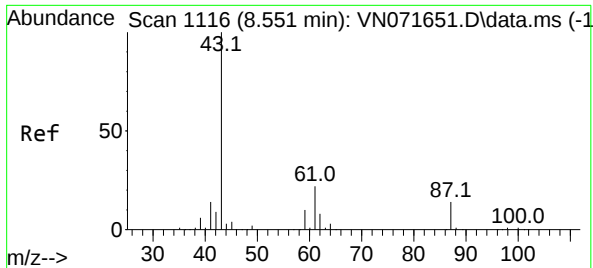
Ion Ratio Lower Upper

117 100

119 5.8 75.8 113.8#

121 0.0 24.6 37.0#

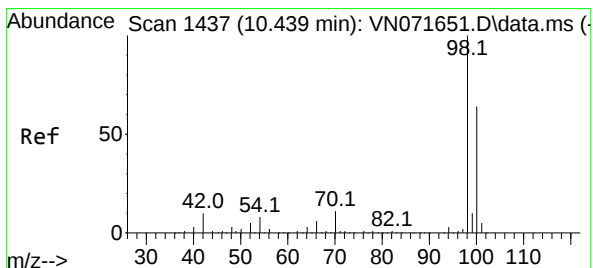
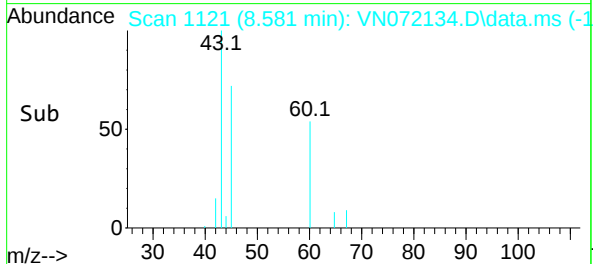
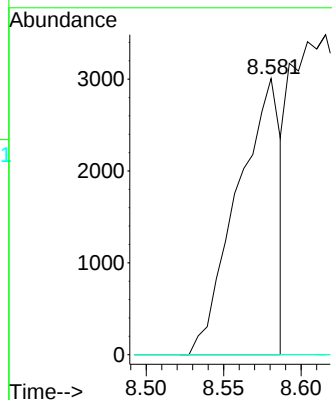
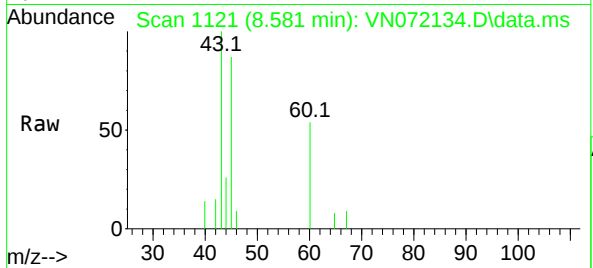




#43
Isopropyl Acetate
Concen: 0.397 ug/l
RT: 8.581 min Scan# 1116
Delta R.T. 0.030 min
Lab File: VN072134.D
Acq: 21 Apr 2022 18:45

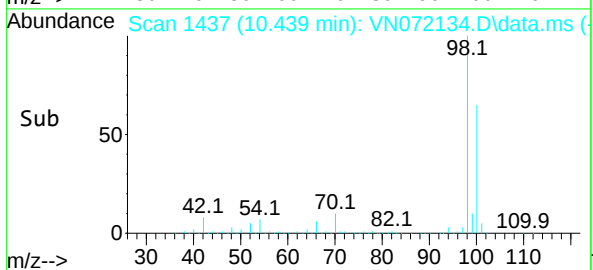
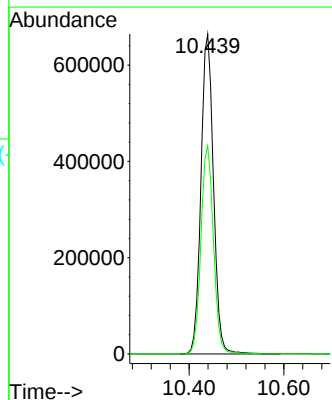
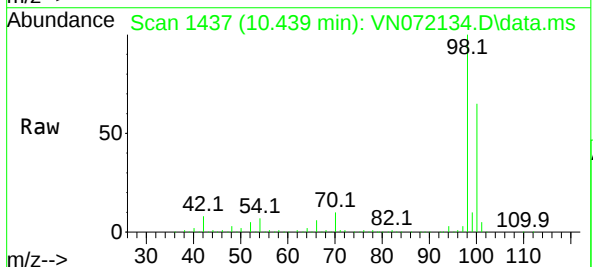
Instrument :
MSVOA_N
ClientSampleId :
GES-1R

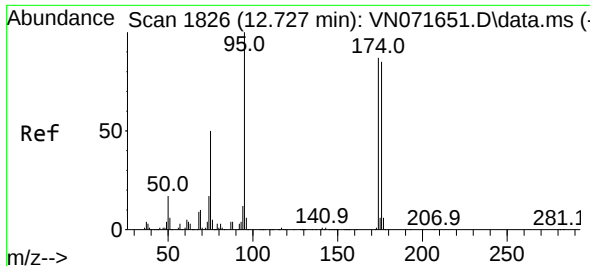
Tgt Ion: 43 Resp: 5838
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.278 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072134.D
Acq: 21 Apr 2022 18:45

Tgt Ion: 98 Resp: 1214462
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

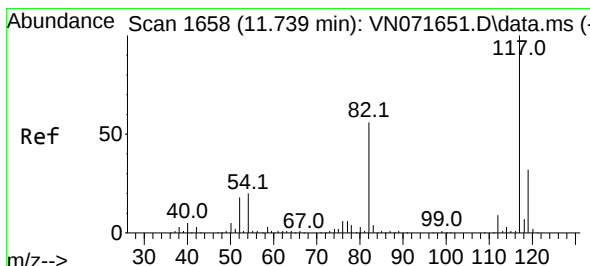
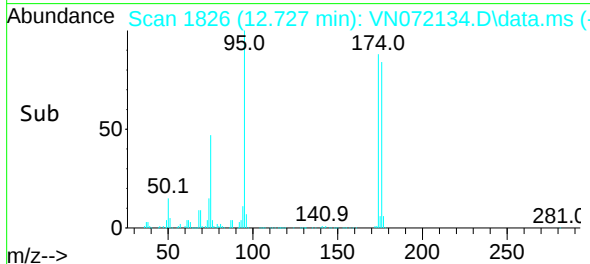
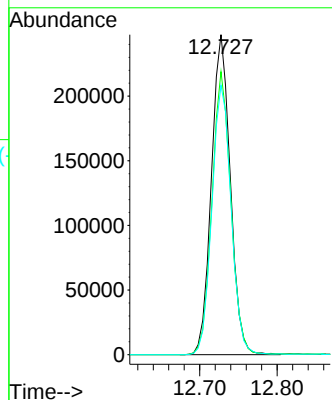
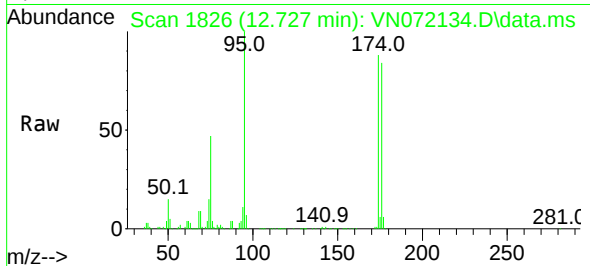




#62
4-Bromofluorobenzene
Concen: 54.832 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072134.D
Acq: 21 Apr 2022 18:45

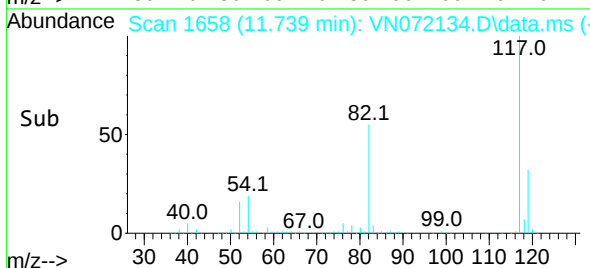
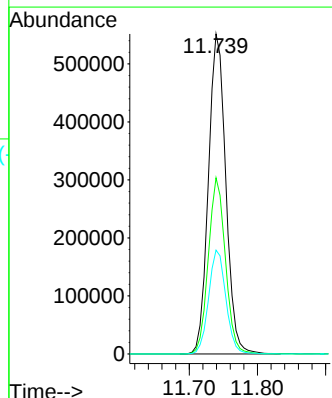
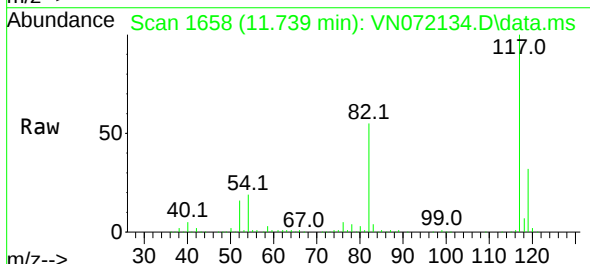
Instrument :
MSVOA_N
ClientSampleId :
GES-1R

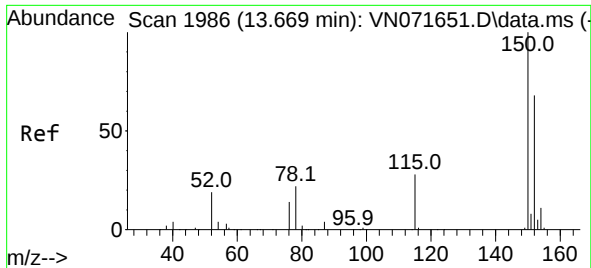
Tgt Ion: 95 Resp: 419996
Ion Ratio Lower Upper
95 100
174 88.2 0.0 167.6
176 85.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072134.D
Acq: 21 Apr 2022 18:45

Tgt Ion: 117 Resp: 981474
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 32.4 25.4 38.0

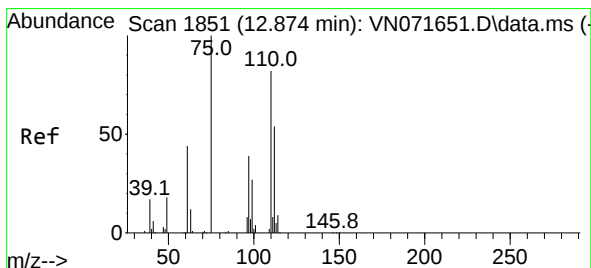
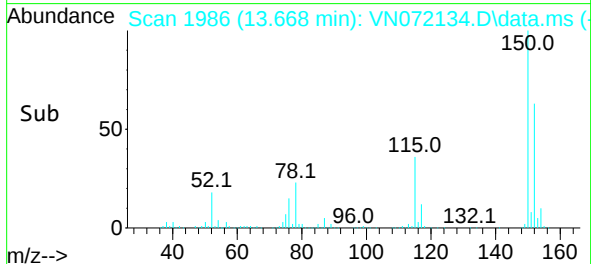
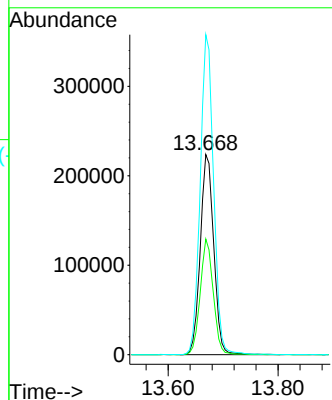
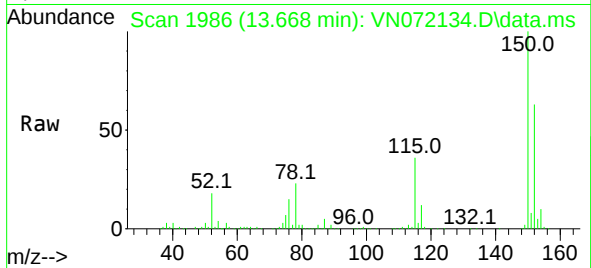




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072134.D
 Acq: 21 Apr 2022 18:45

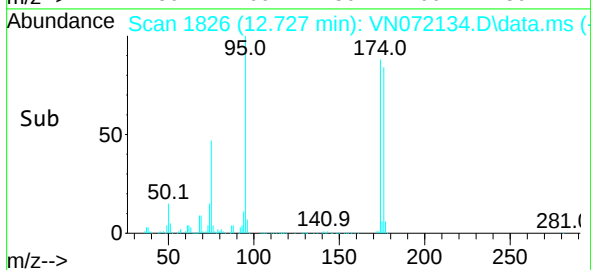
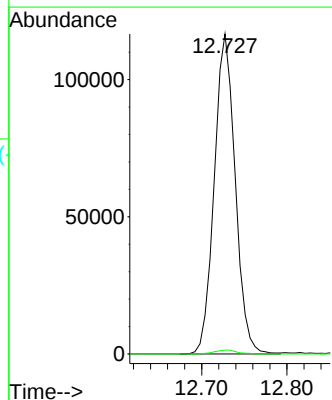
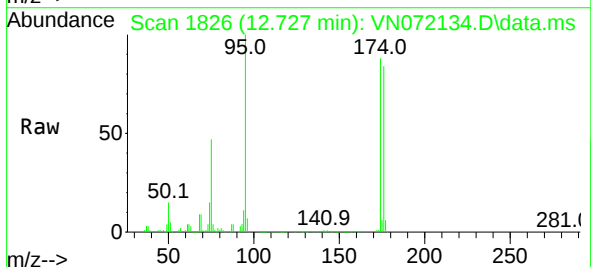
Instrument :
 MSVOA_N
 ClientSampleId :
 GES-1R

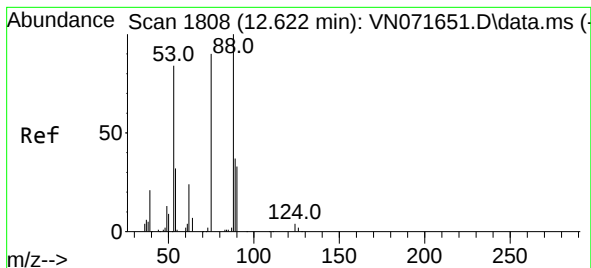
Tgt Ion:152 Resp: 382016
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.9 86.7
 150 158.0 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 22.481 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072134.D
 Acq: 21 Apr 2022 18:45

Tgt Ion: 75 Resp: 198946
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

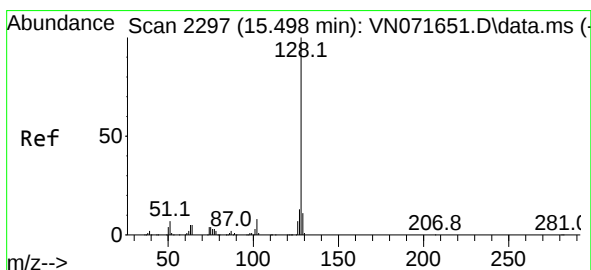
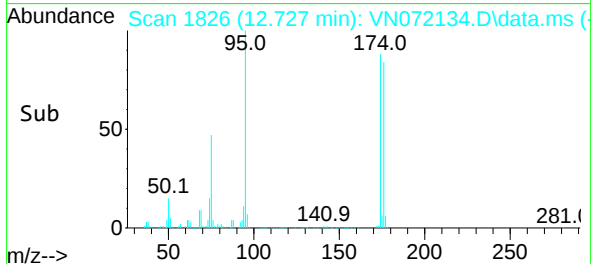
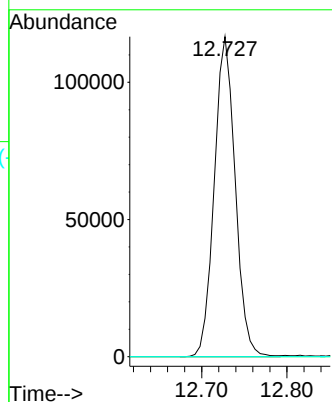
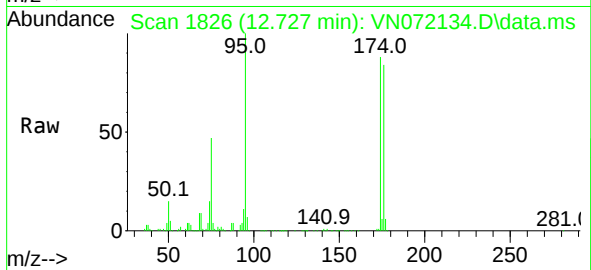




#81
trans-1,4-Dichloro-2-butene
Concen: 69.666 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072134.D
Acq: 21 Apr 2022 18:45

Instrument :
MSVOA_N
ClientSampleId :
GES-1R

Tgt Ion: 75 Resp: 198946
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.841 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072134.D
Acq: 21 Apr 2022 18:45

Tgt Ion: 128 Resp: 722
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

