

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072136.D
 Acq On : 21 Apr 2022 19:33
 Operator : JC\MD
 Sample : N2481-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GES-2R

Quant Time: Apr 22 01:26:42 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)

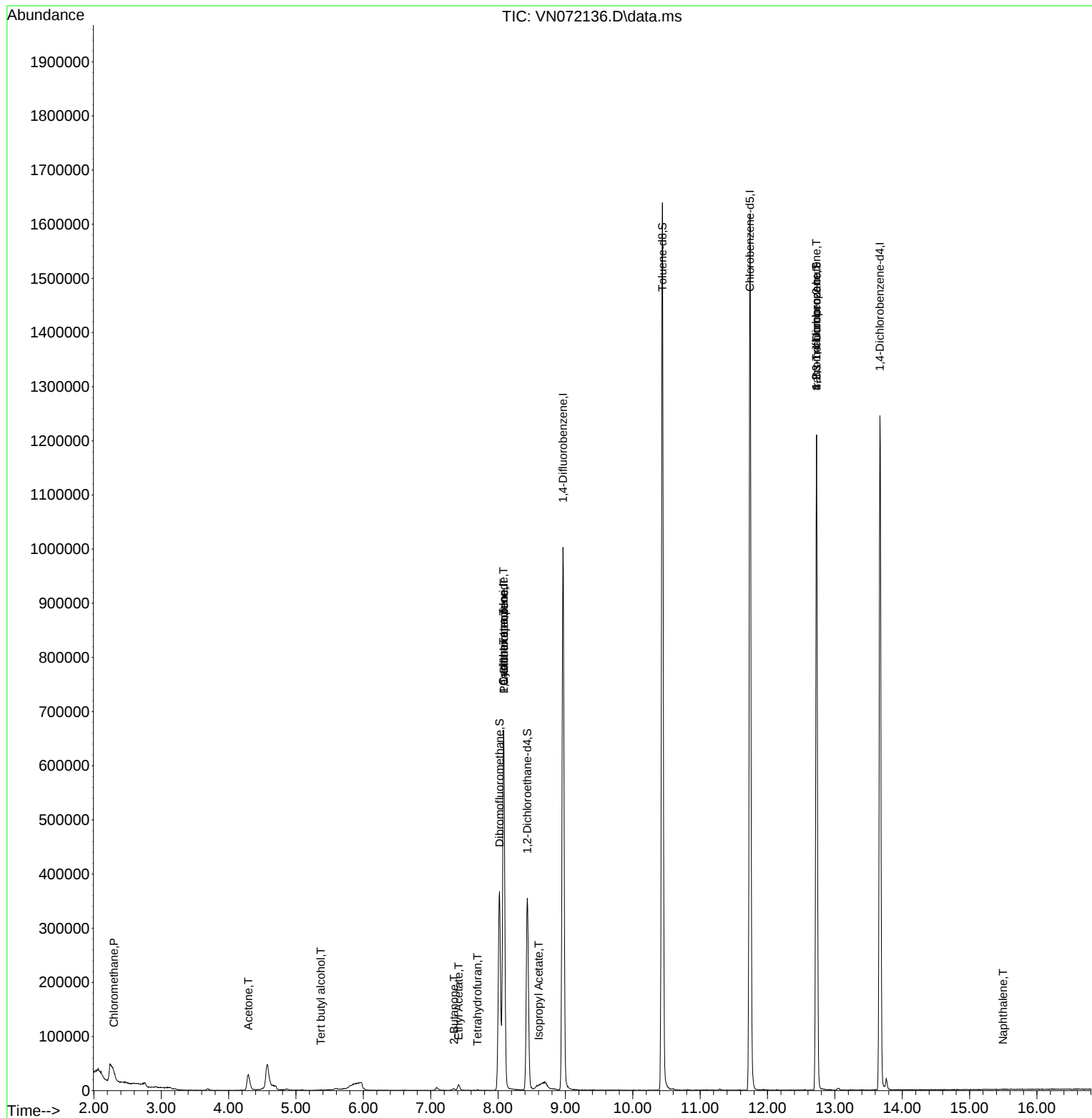
Internal Standards						
1) Pentafluorobenzene	8.086	168	567814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	963283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1022419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	393408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	299827	46.253	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.500%		
35) Dibromofluoromethane	8.022	113	275299	48.568	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.140%		
50) Toluene-d8	10.439	98	1200790	51.785	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.580%		
62) 4-Bromofluorobenzene	12.727	95	422403	56.325	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.660%		
Target Compounds						Qvalue
3) Chloromethane	2.299	50	1498	0.262	ug/l #	43
11) Tert butyl alcohol	5.369	59	1679	1.596	ug/l #	72
16) Acetone	4.293	43	53386	19.271	ug/l	98
18) Methyl Acetate	4.863	43	5160	Below Cal	#	76
25) 2-Butanone	7.345	43	4443	1.113	ug/l	94
29) Tetrahydrofuran	7.692	42	600	0.232	ug/l #	60
31) Cyclohexane	8.081	56	9439	1.071	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	35809	4.524	ug/l #	48
37) Ethyl Acetate	7.416	43	14144	1.633	ug/l #	94
38) Carbon Tetrachloride	8.081	117	49286	6.353	ug/l #	17
43) Isopropyl Acetate	8.604	43	10744	0.746	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	201671	22.129	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	201671	68.576	ug/l #	10
95) Naphthalene	15.498	128	512	3.829	ug/l #	69

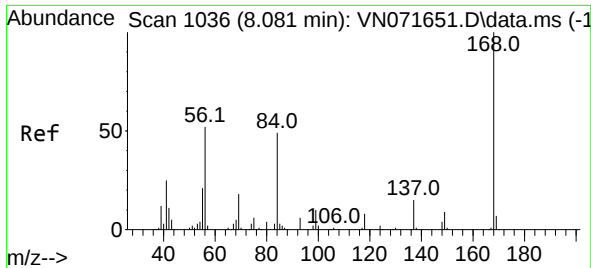
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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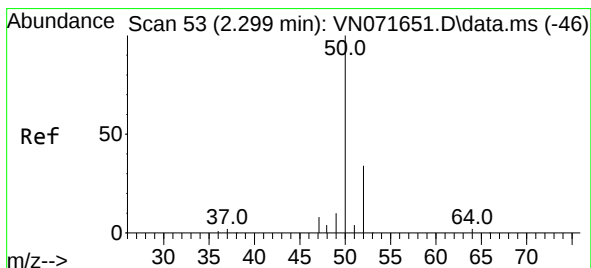
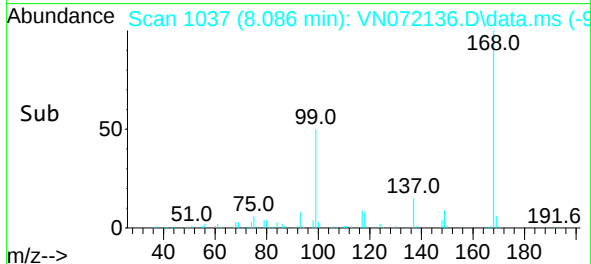
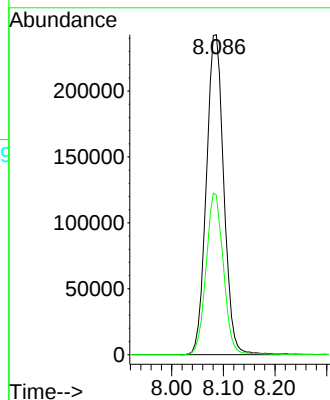
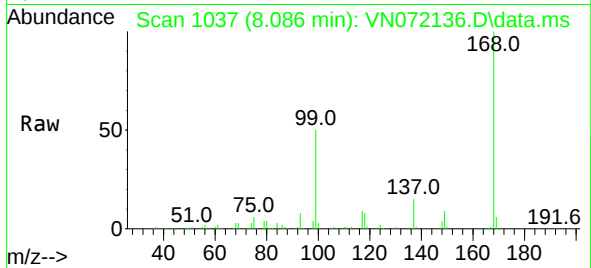




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072136.D
Acq: 21 Apr 2022 19:33

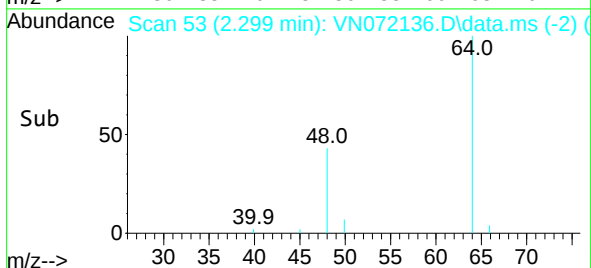
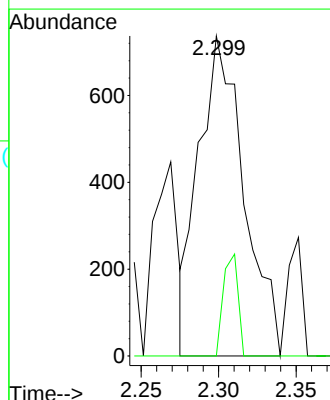
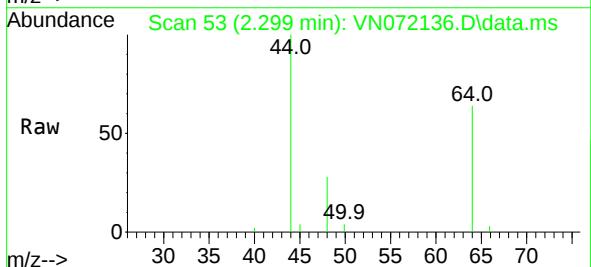
Instrument :
MSVOA_N
ClientSampleId :
GES-2R

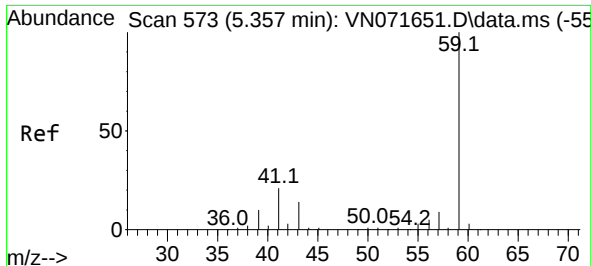
Tgt Ion:168 Resp: 567814
Ion Ratio Lower Upper
168 100
99 49.9 42.3 63.5



#3
Chloromethane
Concen: 0.262 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072136.D
Acq: 21 Apr 2022 19:33

Tgt Ion: 50 Resp: 1498
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

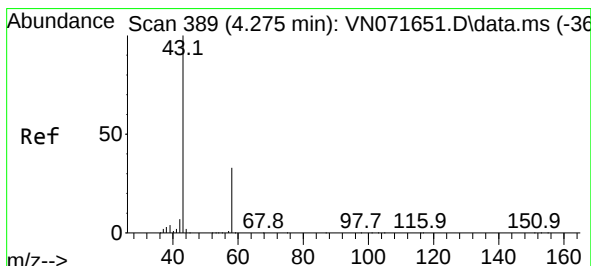
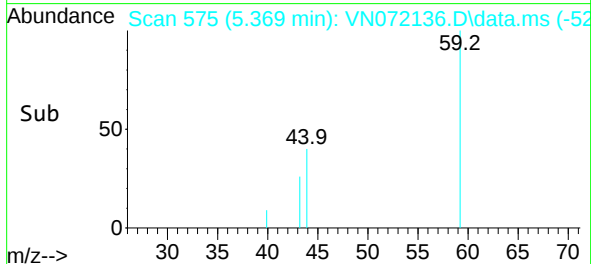
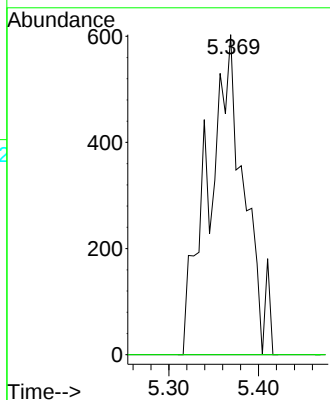
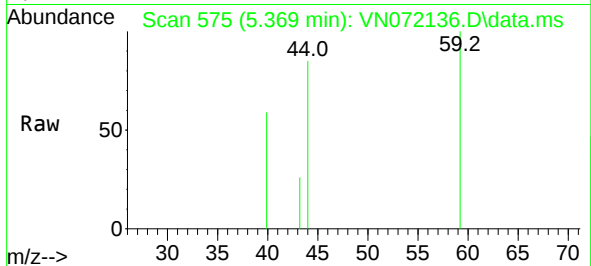




#11
Tert butyl alcohol
Concen: 1.596 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072136.D
Acq: 21 Apr 2022 19:33

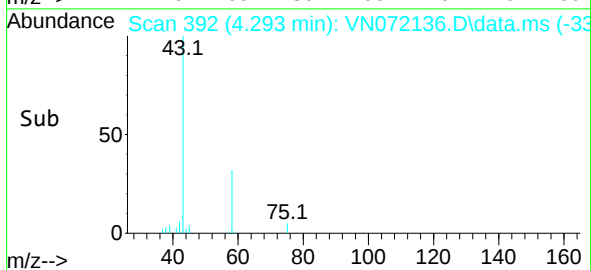
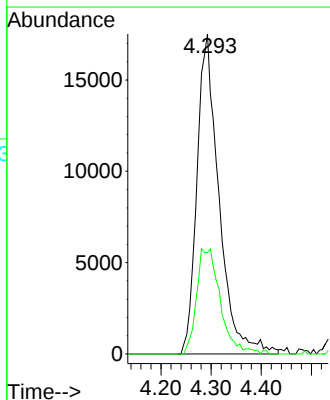
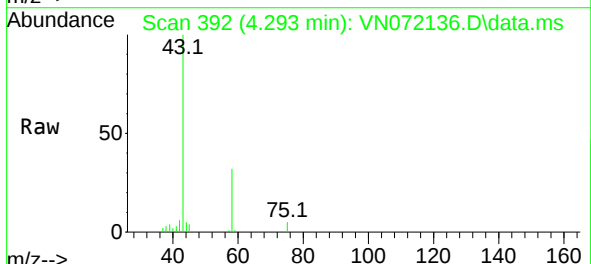
Instrument :
MSVOA_N
ClientSampleId :
GES-2R

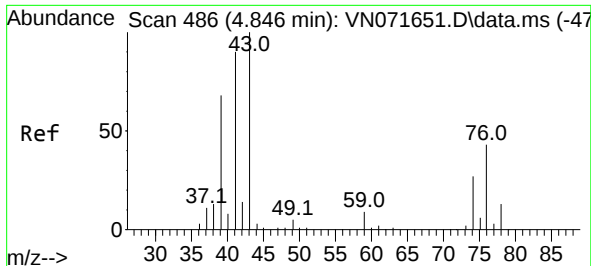
Tgt Ion: 59 Resp: 1679
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 19.271 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN072136.D
Acq: 21 Apr 2022 19:33

Tgt Ion: 43 Resp: 53386
Ion Ratio Lower Upper
43 100
58 31.6 26.0 39.0

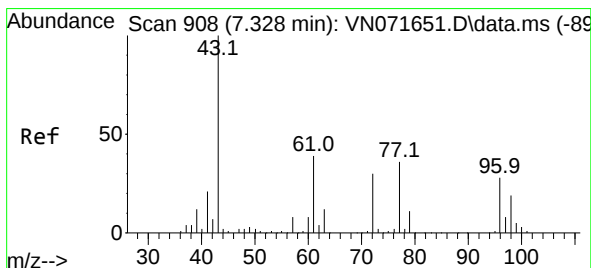
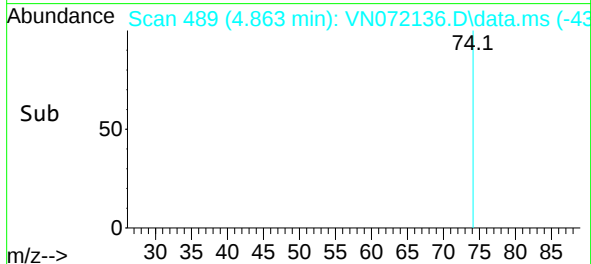
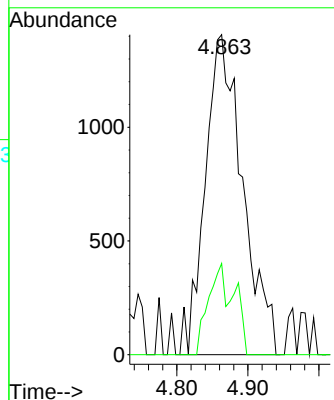
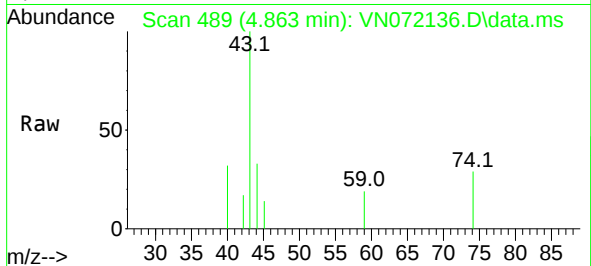




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN072136.D
Acq: 21 Apr 2022 19:33

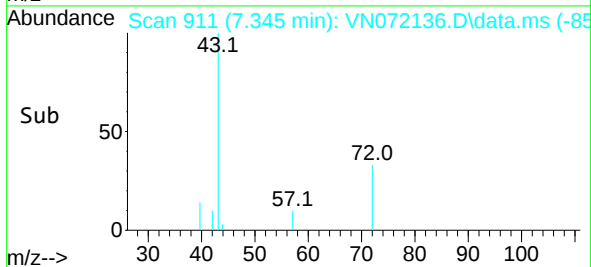
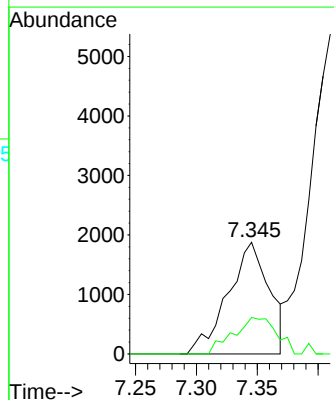
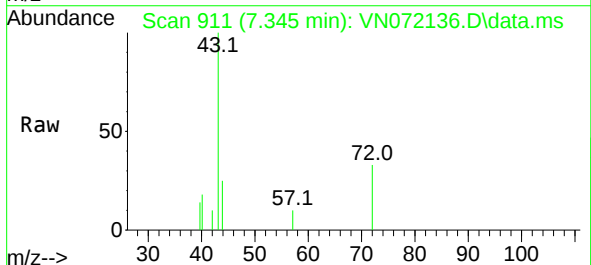
Instrument :
MSVOA_N
ClientSampleId :
GES-2R

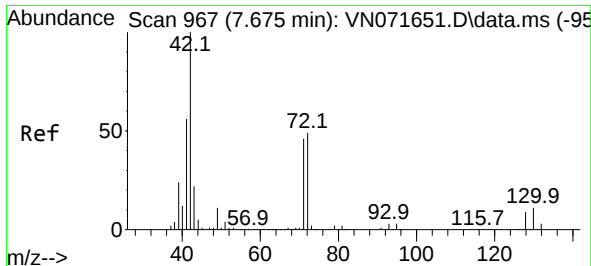
Tgt Ion: 43 Resp: 5160
Ion Ratio Lower Upper
43 100
74 14.3 21.6 32.4#



#25
2-Butanone
Concen: 1.113 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072136.D
Acq: 21 Apr 2022 19:33

Tgt Ion: 43 Resp: 4443
Ion Ratio Lower Upper
43 100
72 32.7 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.232 ug/l

RT: 7.692 min Scan# 91

Delta R.T. 0.017 min

Lab File: VN072136.D

Acq: 21 Apr 2022 19:33

Instrument :

MSVOA_N

ClientSampleId :

GES-2R

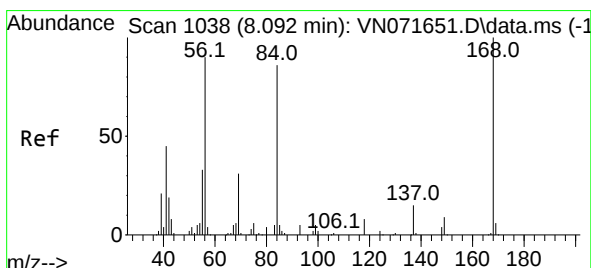
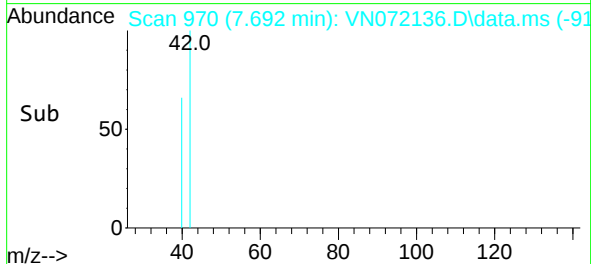
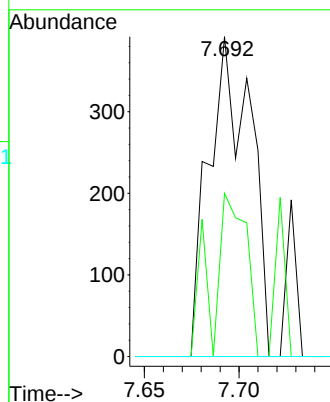
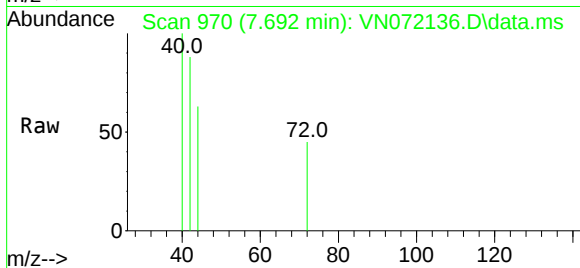
Tgt Ion: 42 Resp: 600

Ion Ratio Lower Upper

42 100

72 41.3 39.7 59.5

71 0.0 36.6 55.0#



#31

Cyclohexane

Concen: 1.071 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072136.D

Acq: 21 Apr 2022 19:33

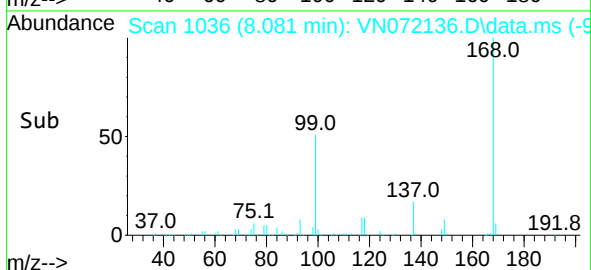
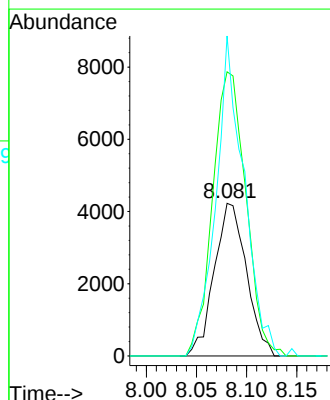
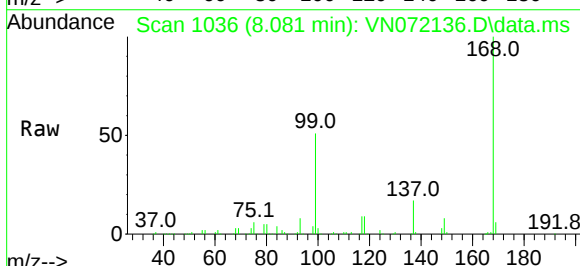
Tgt Ion: 56 Resp: 9439

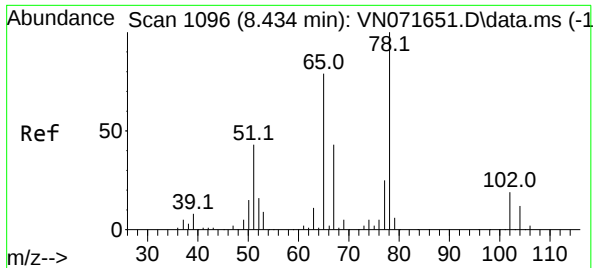
Ion Ratio Lower Upper

56 100

69 186.1 27.8 41.8#

84 209.6 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.253 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072136.D

Acq: 21 Apr 2022 19:33

Instrument :

MSVOA_N

ClientSampleId :

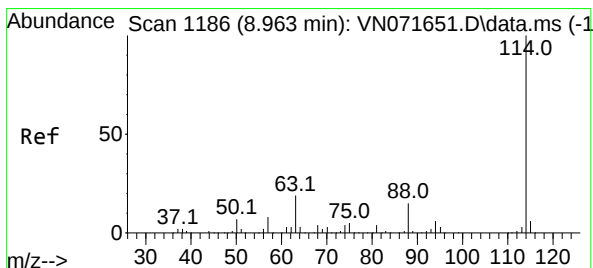
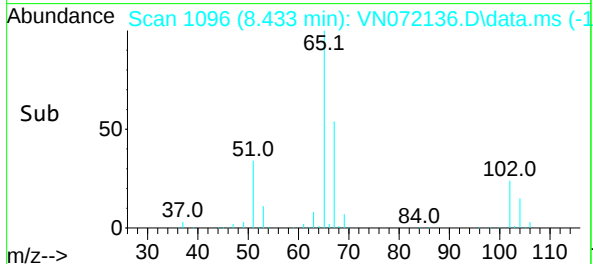
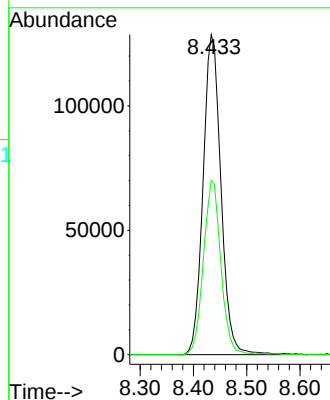
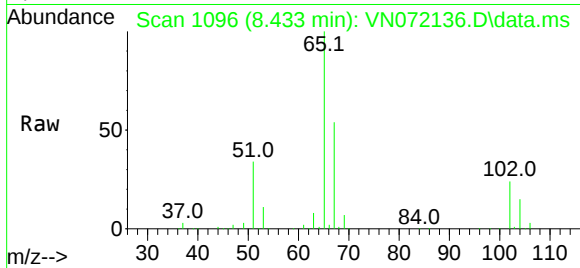
GES-2R

Tgt Ion: 65 Resp: 299827

Ion Ratio Lower Upper

65 100

67 53.0 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: VN072136.D

Acq: 21 Apr 2022 19:33

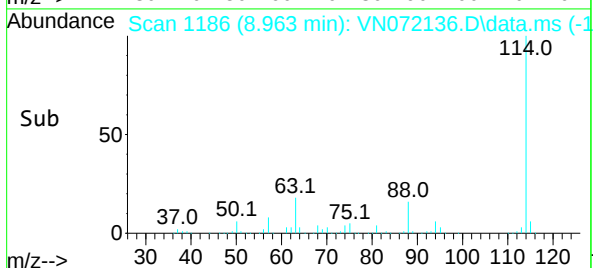
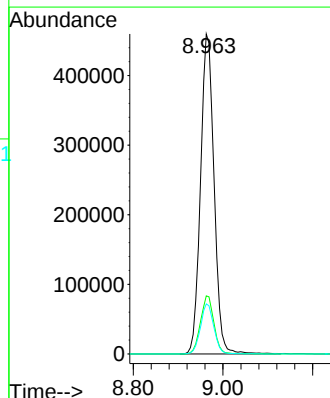
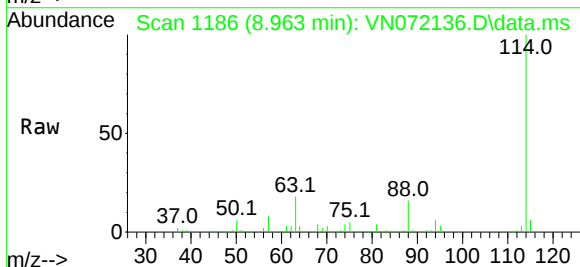
Tgt Ion: 114 Resp: 963283

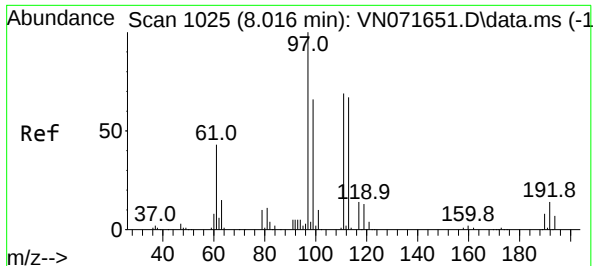
Ion Ratio Lower Upper

114 100

63 18.2 0.0 40.0

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.568 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072136.D

Acq: 21 Apr 2022 19:33

Instrument :

MSVOA_N

ClientSampleId :

GES-2R

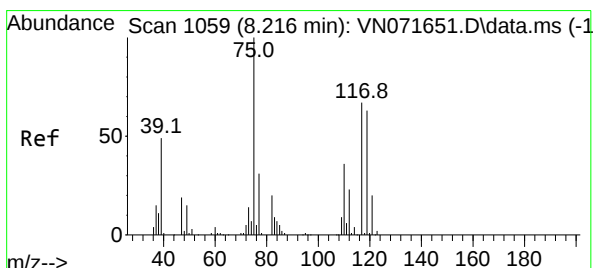
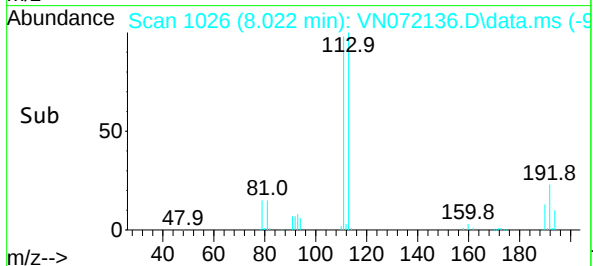
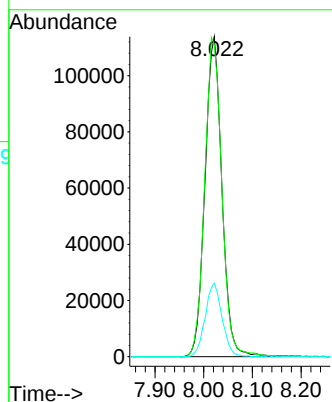
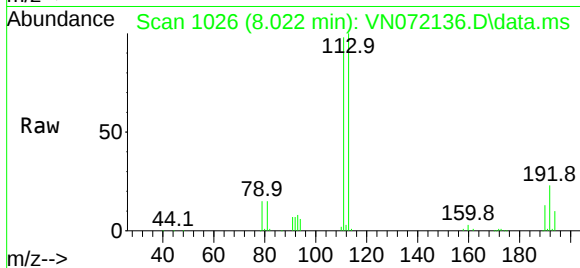
Tgt Ion:113 Resp: 275299

Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.0

192 22.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.524 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

Lab File: VN072136.D

Acq: 21 Apr 2022 19:33

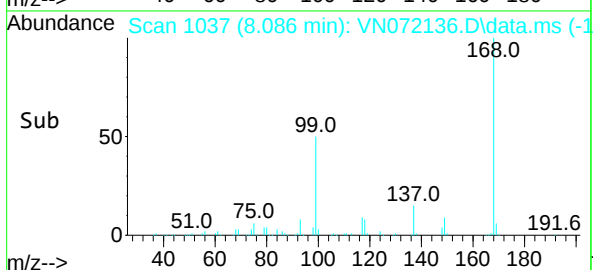
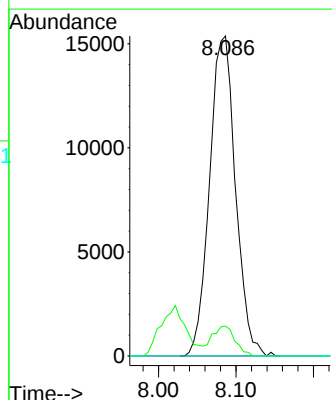
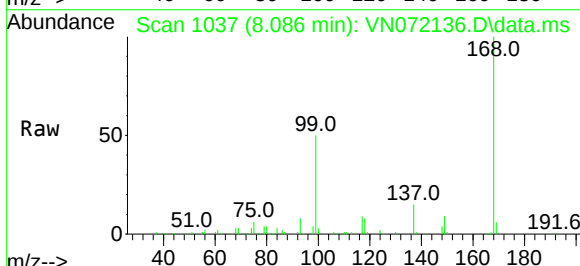
Tgt Ion: 75 Resp: 35809

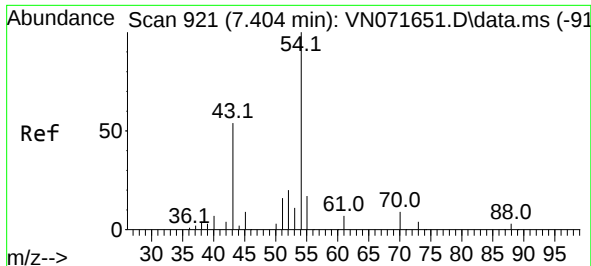
Ion Ratio Lower Upper

75 100

110 8.3 18.3 54.8#

77 0.0 25.1 37.7#

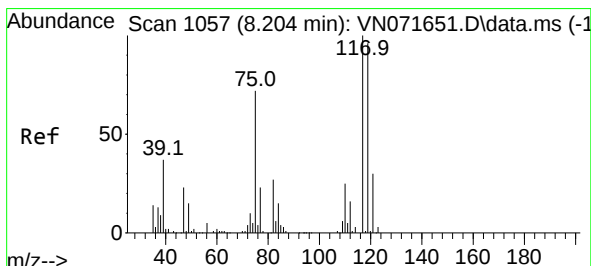
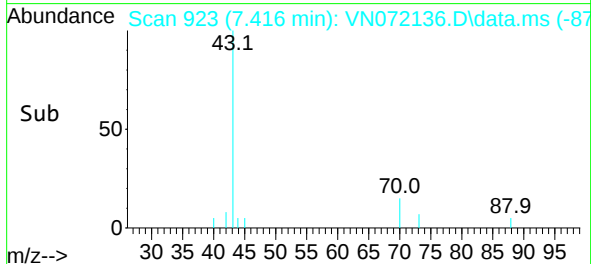
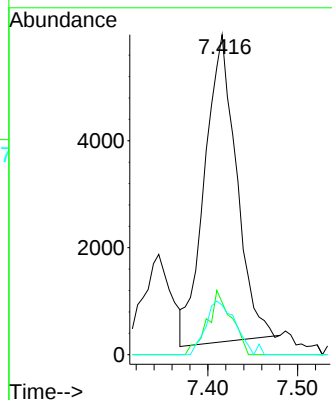
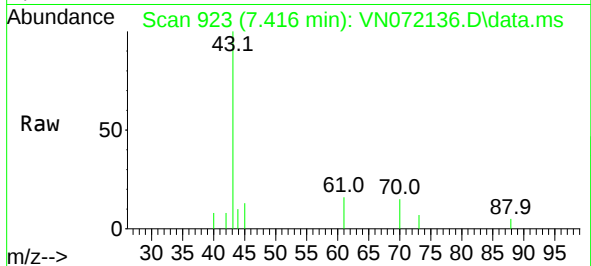




#37
Ethyl Acetate
Concen: 1.633 ug/l
RT: 7.416 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN072136.D
Acq: 21 Apr 2022 19:33

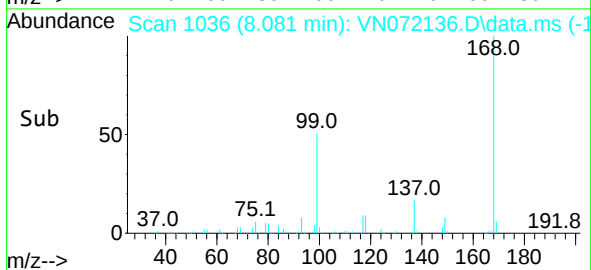
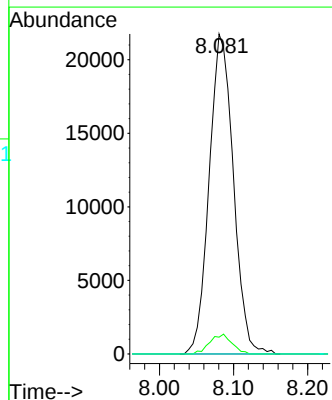
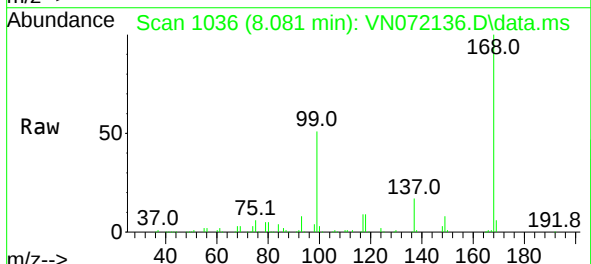
Instrument :
MSVOA_N
ClientSampleId :
GES-2R

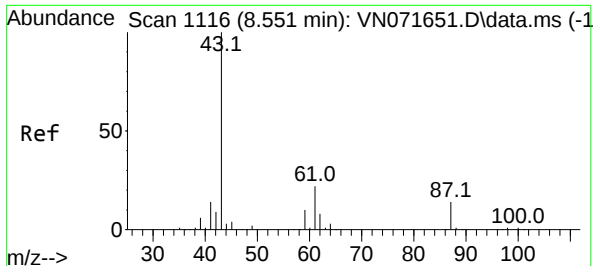
Tgt Ion: 43 Resp: 14144
Ion Ratio Lower Upper
43 100
61 15.7 11.8 17.6
70 15.9 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.353 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN072136.D
Acq: 21 Apr 2022 19:33

Tgt Ion: 117 Resp: 49286
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#

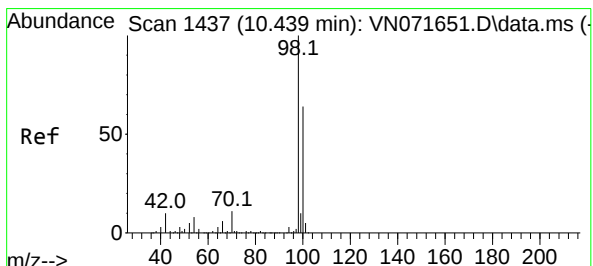
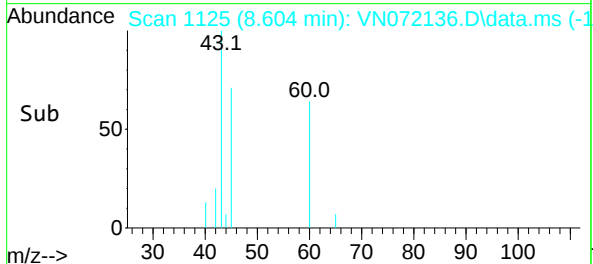
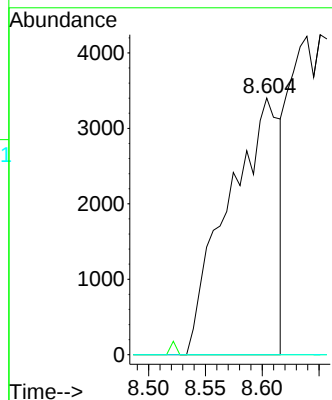
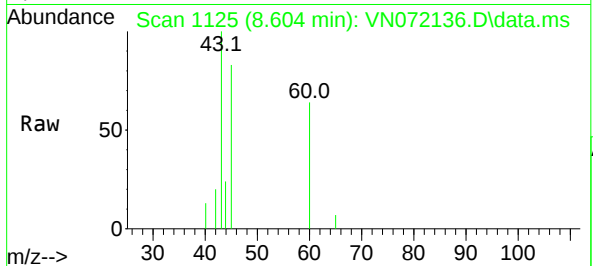




#43
Isopropyl Acetate
Concen: 0.746 ug/l
RT: 8.604 min Scan# 1116
Delta R.T. 0.053 min
Lab File: VN072136.D
Acq: 21 Apr 2022 19:33

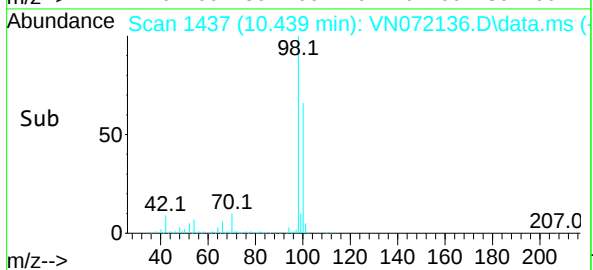
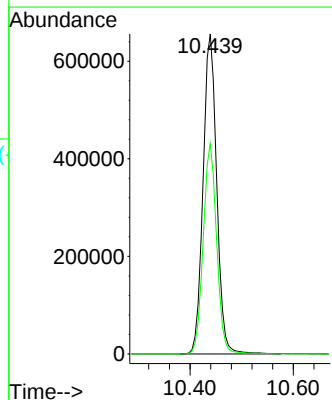
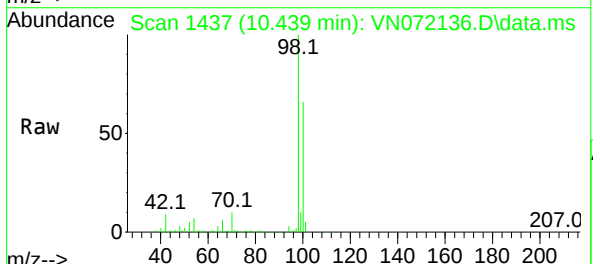
Instrument :
MSVOA_N
ClientSampleId :
GES-2R

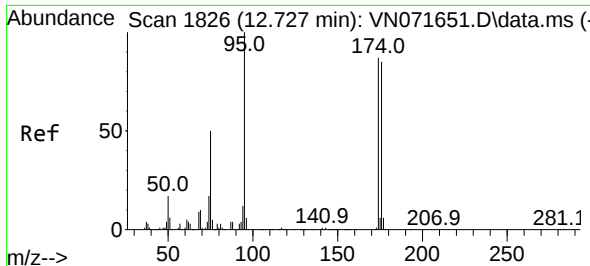
Tgt Ion: 43 Resp: 10744
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.785 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072136.D
Acq: 21 Apr 2022 19:33

Tgt Ion: 98 Resp: 1200790
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

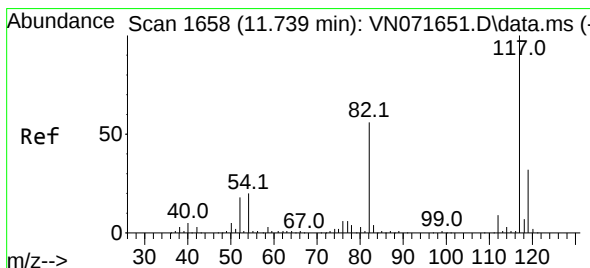
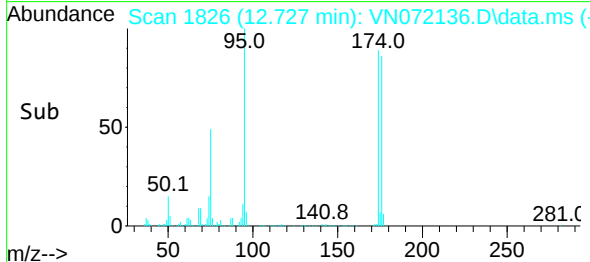
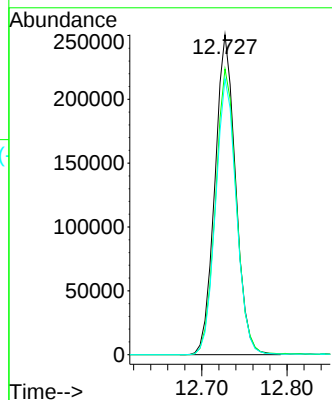
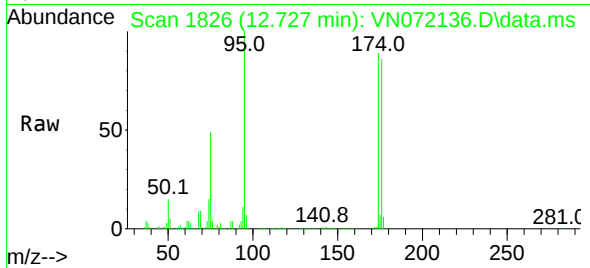




#62
4-Bromofluorobenzene
Concen: 56.325 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072136.D
Acq: 21 Apr 2022 19:33

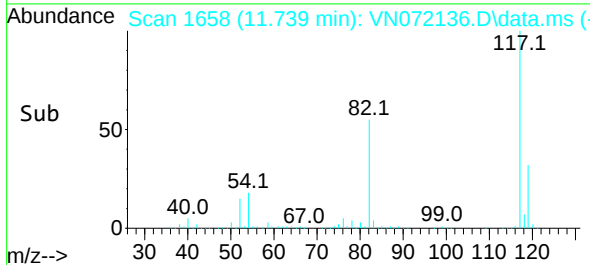
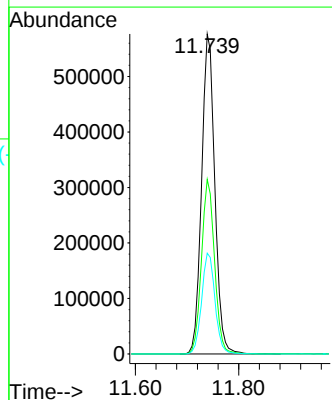
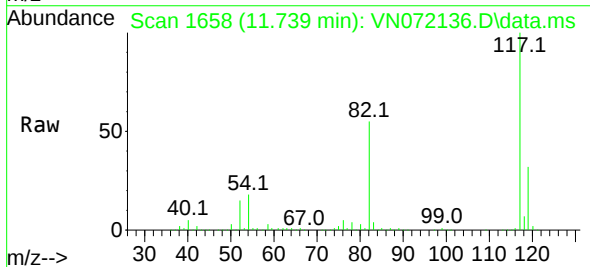
Instrument :
MSVOA_N
ClientSampleId :
GES-2R

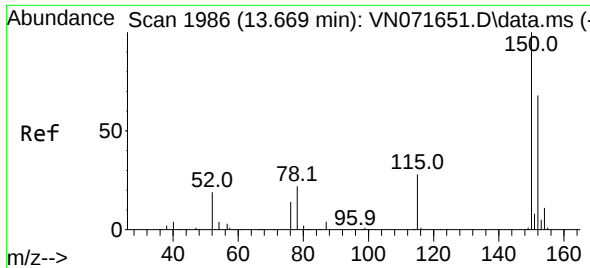
Tgt Ion: 95 Resp: 422403
Ion Ratio Lower Upper
95 100
174 90.0 0.0 167.6
176 86.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072136.D
Acq: 21 Apr 2022 19:33

Tgt Ion: 117 Resp: 1022419
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.5 25.4 38.0

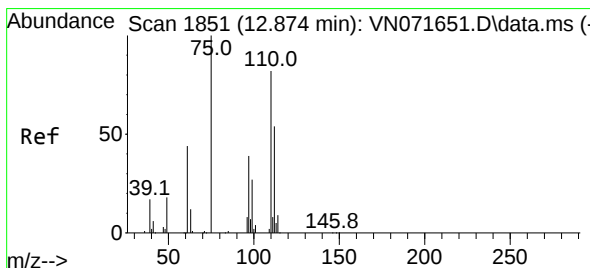
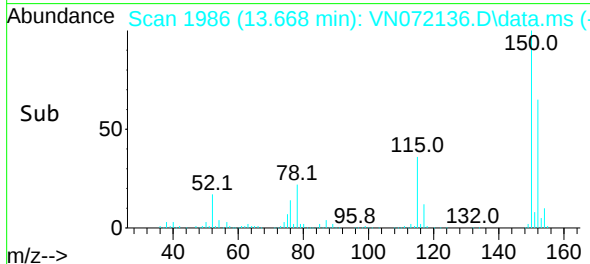
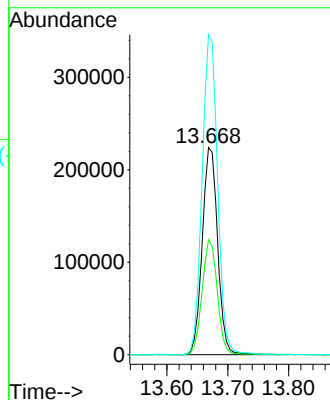
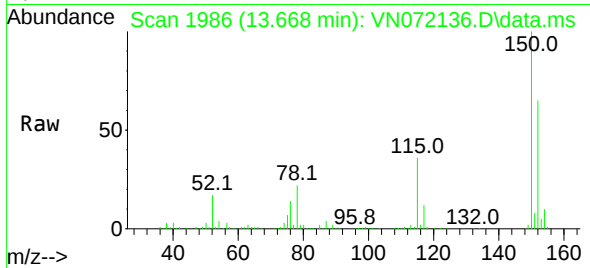




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072136.D
 Acq: 21 Apr 2022 19:33

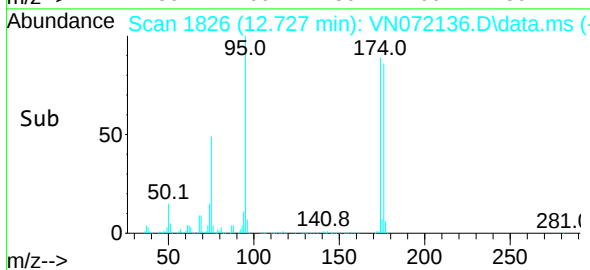
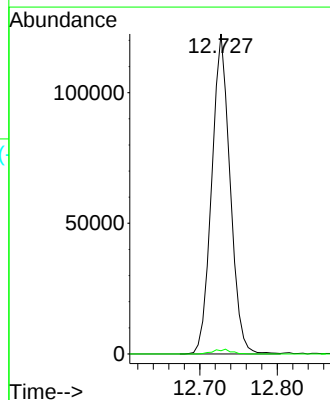
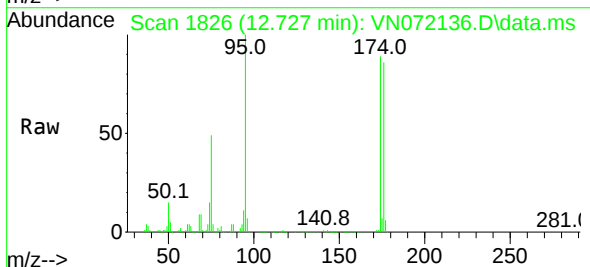
Instrument :
 MSVOA_N
 ClientSampleId :
 GES-2R

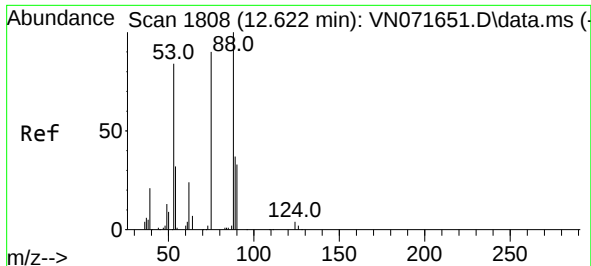
Tgt Ion:152 Resp: 393408
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.9 86.7
 150 155.3 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 22.129 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072136.D
 Acq: 21 Apr 2022 19:33

Tgt Ion: 75 Resp: 201671
 Ion Ratio Lower Upper
 75 100
 77 1.4 98.5 295.5#

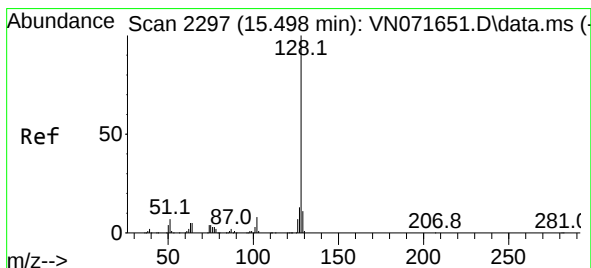
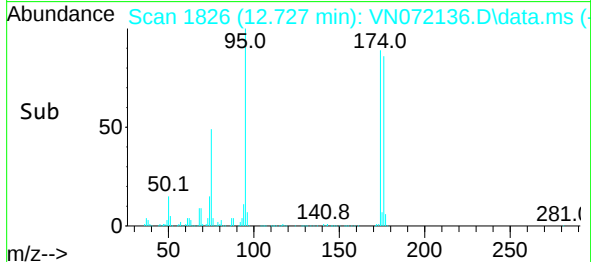
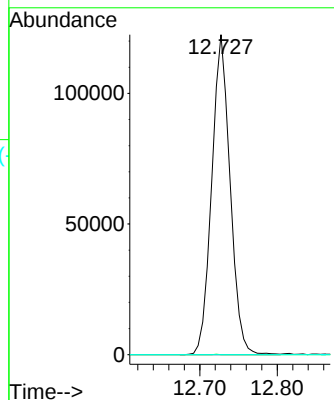
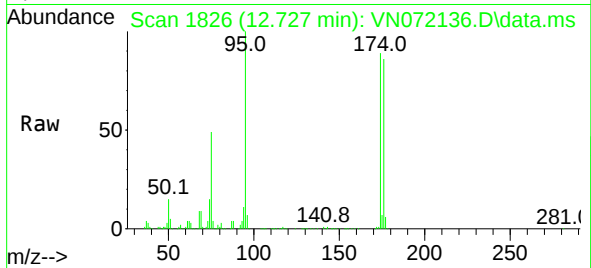




#81
trans-1,4-Dichloro-2-butene
Concen: 68.576 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072136.D
Acq: 21 Apr 2022 19:33

Instrument :
MSVOA_N
ClientSampleId :
GES-2R

Tgt Ion: 75 Resp: 201671
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.829 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072136.D
Acq: 21 Apr 2022 19:33

Tgt Ion: 128 Resp: 512
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

