

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072461.D
 Acq On : 12 May 2022 18:33
 Operator : JC\MD
 Sample : N2800-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GES-2

Quant Time: May 13 02:47:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	204686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	322540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	292372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	133624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	162988	51.988	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.980%
35) Dibromofluoromethane	8.022	113	108445	50.537	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.080%
50) Toluene-d8	10.439	98	407727	49.890	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.780%
62) 4-Bromofluorobenzene	12.727	95	143258	52.782	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.560%
Target Compounds						Qvalue
3) Chloromethane	2.304	50	985	Below Cal	#	43
5) Bromomethane	2.852	94	336	0.260	ug/l #	56
6) Chloroethane	2.999	64	482	Below Cal	#	42
10) Methyl Iodide	4.434	142	1261	0.433	ug/l #	90
13) Acrolein	4.257	56	9672	19.284	ug/l	87
14) Allyl chloride	4.951	41	10381	2.707	ug/l #	53
15) Acrylonitrile	5.616	53	12335	8.855	ug/l #	38
16) Acetone	4.257	43	37574	30.262	ug/l #	51
18) Methyl Acetate	4.922	43	5075	1.388	ug/l #	48
20) Methylene Chloride	5.093	84	1234	0.485	ug/l #	55
23) Vinyl Acetate	6.410	43	5179	0.794	ug/l #	68
25) 2-Butanone	7.334	43	12721	6.492	ug/l #	85
26) 2,2-Dichloropropane	7.145	77	3910	1.058	ug/l #	53
30) Chloroform	7.781	83	6990	1.562	ug/l #	18
31) Cyclohexane	8.092	56	134961	32.488	ug/l #	88
36) 1,1-Dichloropropene	8.086	75	16612	5.390	ug/l #	57
37) Ethyl Acetate	7.334	43	12721	3.440	ug/l #	67
38) Carbon Tetrachloride	8.086	117	22040	6.390	ug/l #	16
39) Methylcyclohexane	9.457	83	125925	36.354	ug/l	93
41) Methacrylonitrile	7.651	41	953	0.520	ug/l #	41
43) Isopropyl Acetate	8.557	43	7208	1.269	ug/l #	53
45) 1,2-Dichloropropane	9.451	63	1874	0.797	ug/l #	1
47) Bromodichloromethane	9.633	83	2252	0.675	ug/l #	26
48) Methyl methacrylate	9.639	41	11982	4.522	ug/l #	69
51) 4-Methyl-2-Pentanone	10.327	43	4151	1.177	ug/l #	84
52) Toluene	10.498	92	10142	1.786	ug/l	99
55) 1,1,2-Trichloroethane	10.880	97	4767	2.016	ug/l #	24
58) 2-Chloroethyl Vinyl ether	9.992	63	70	17.412	ug/l #	44
59) 2-Hexanone	11.080	43	3876	1.567	ug/l #	58
67) Ethyl Benzene	11.839	91	58302	5.657	ug/l	95
68) m/p-Xylenes	11.945	106	526460	134.683	ug/l	91
69) o-Xylene	12.274	106	561256	146.138	ug/l	93
70) Styrene	12.274	104	28088	4.781	ug/l #	1
71) Bromoform	12.721	173	686	0.389	ug/l #	1
73) Isopropylbenzene	12.574	105	115113	10.399	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.804	83	1175	0.292	ug/l #	25

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

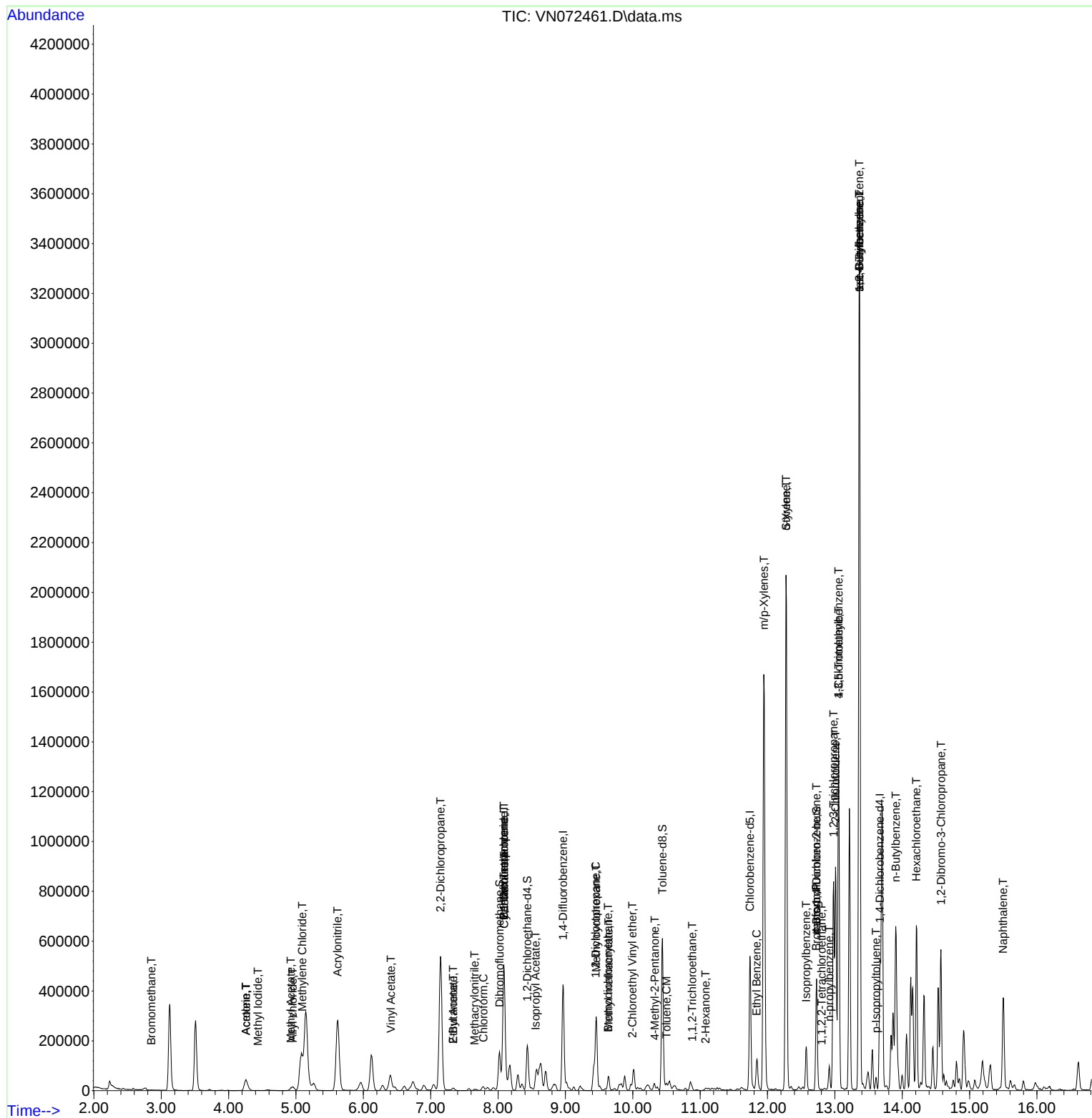
76) 1,2,3-Trichloropropane	12.980	75	5858	1.681	ug/l #	1	
78) n-propylbenzene	12.916	91	69905	5.901	ug/l	99	
79) 2-Chlorotoluene	13.010	91	60278	7.746	ug/l #	40	
80) 1,3,5-Trimethylbenzene	13.057	105	753817	83.146	ug/l	94	
81) trans-1,4-Dichloro-2-b...	12.727	75	80200	76.768	ug/l #	11	
82) 4-Chlorotoluene	13.057	91	84789	11.497	ug/l #	40	
83) tert-Butylbenzene	13.363	119	238804	30.088	ug/l #	54	
84) 1,2,4-Trimethylbenzene	13.363	105	2016865	228.686	ug/l	96	
85) sec-Butylbenzene	13.363	105	2016865	190.541	ug/l #	56	
86) p-Isopropyltoluene	13.610	119	26772	3.247	ug/l	94	
89) n-Butylbenzene	13.904	91	47094	7.472	ug/l #	1	
90) Hexachloroethane	14.210	117	34707	21.065	ug/l #	9	
92) 1,2-Dibromo-3-Chloropr...	14.574	75	2530	3.620	ug/l #	1	
95) Naphthalene	15.498	128	352143	54.812	ug/l	99	

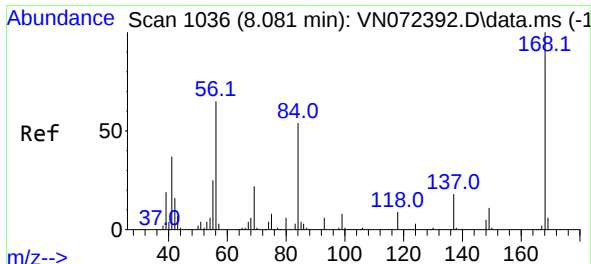
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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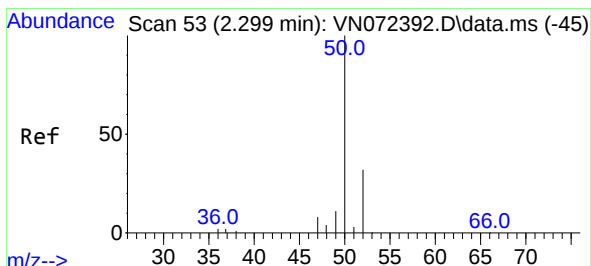
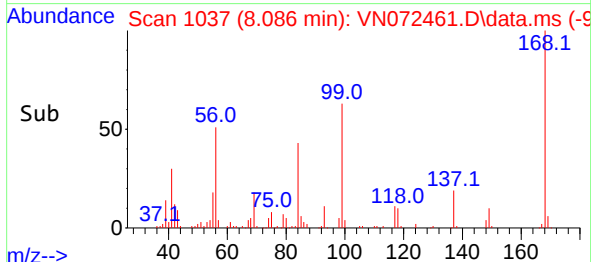
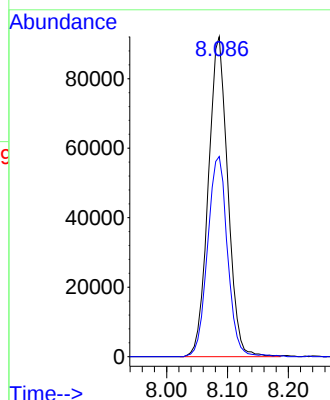
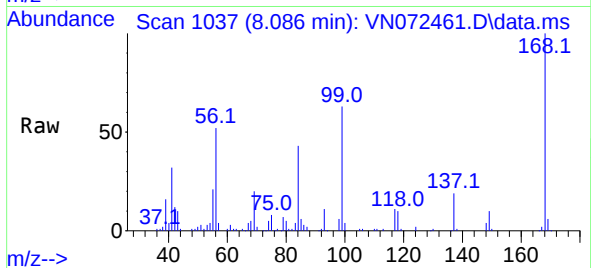




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

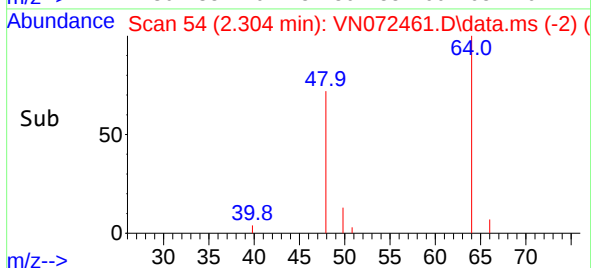
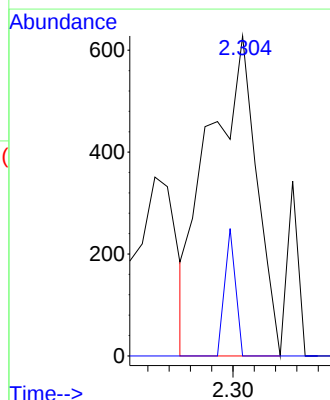
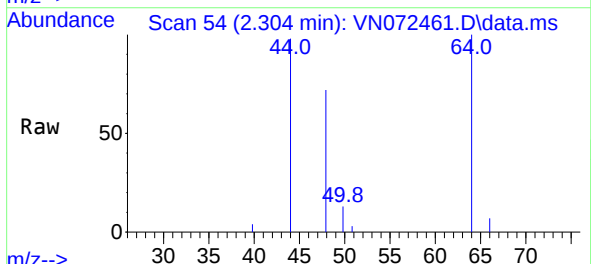
Instrument :
MSVOA_N
ClientSampleId :
GES-2

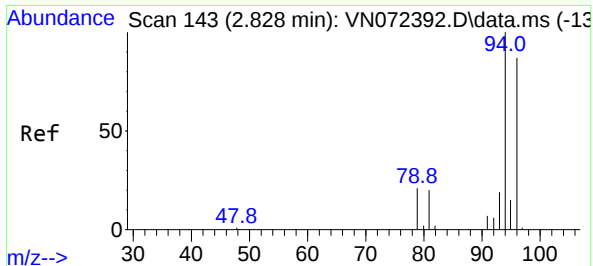
Tgt Ion:168 Resp: 204686
Ion Ratio Lower Upper
168 100
99 62.6 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 50 Resp: 985
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

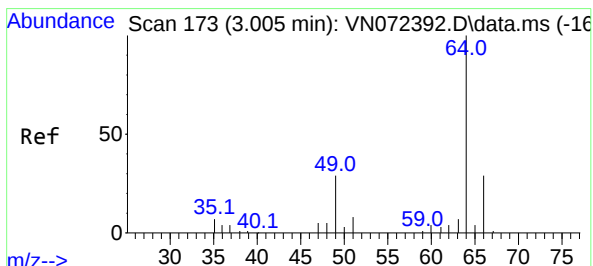
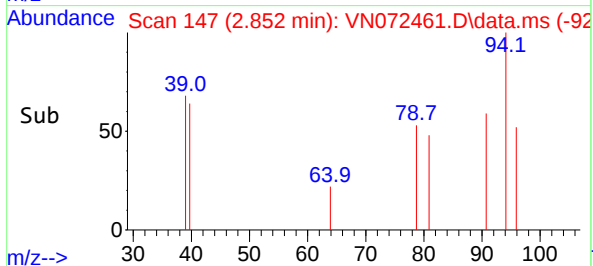
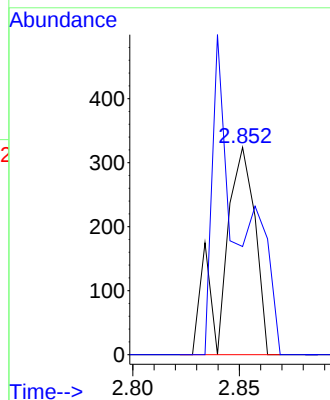
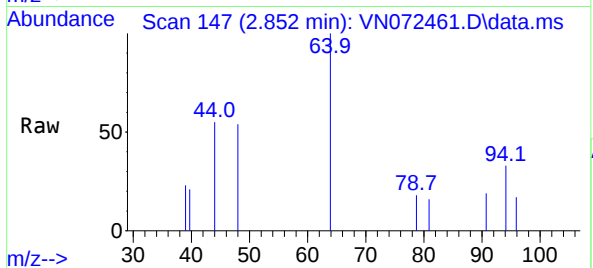




#5
Bromomethane
Concen: 0.260 ug/l
RT: 2.852 min Scan# 14
Delta R.T. 0.024 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

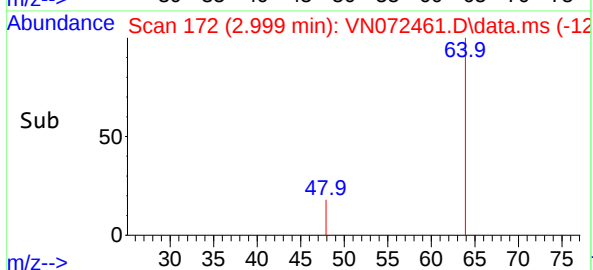
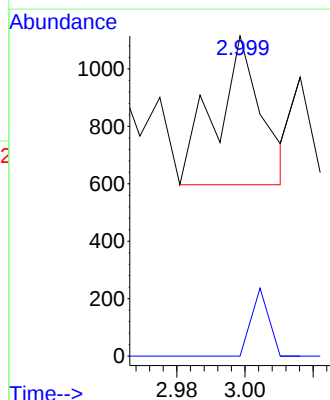
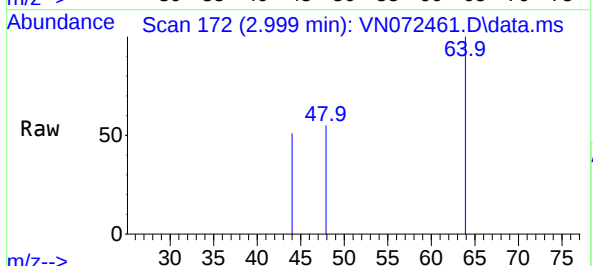
Instrument :
MSVOA_N
ClientSampleId :
GES-2

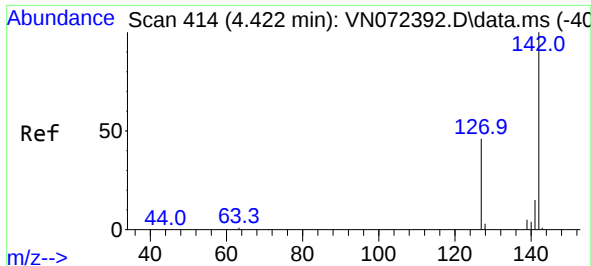
Tgt Ion: 94 Resp: 336
Ion Ratio Lower Upper
94 100
96 52.2 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.999 min Scan# 172
Delta R.T. -0.006 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 64 Resp: 482
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

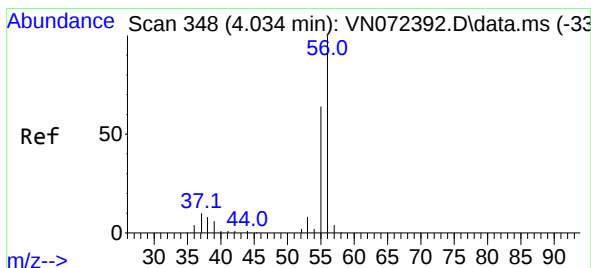
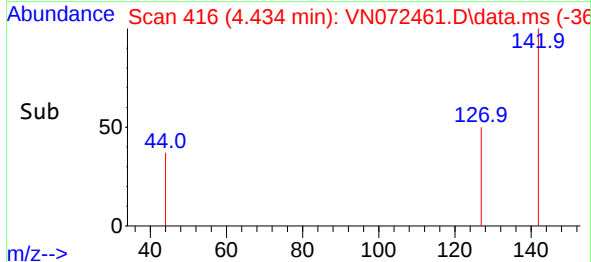
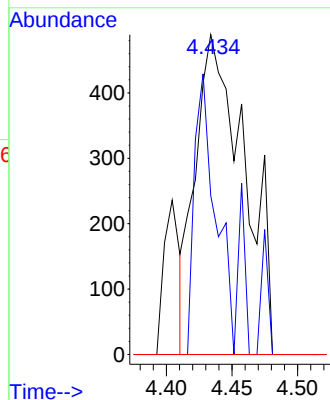
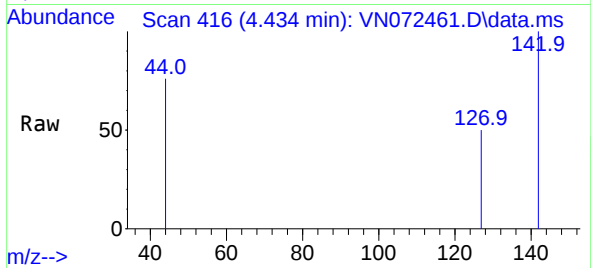




#10
Methyl Iodide
Concen: 0.433 ug/l
RT: 4.434 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

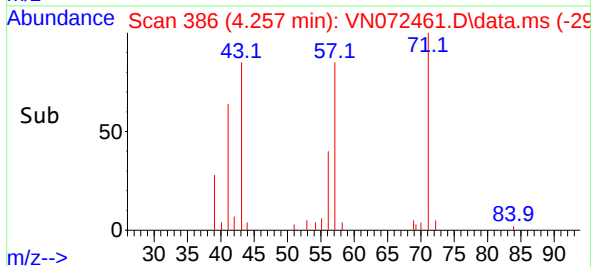
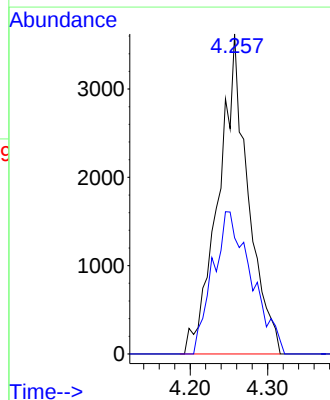
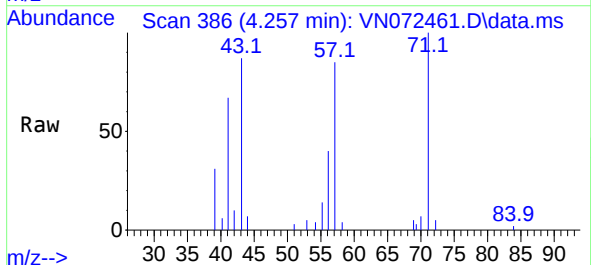
Instrument :
MSVOA_N
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GES-2

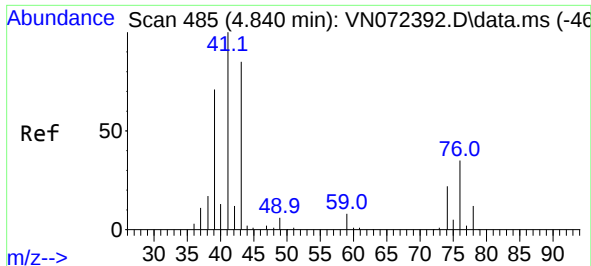
Tgt Ion:142 Resp: 1261
Ion Ratio Lower Upper
142 100
127 38.7 31.3 46.9
141 0.0 11.2 16.8#



#13
Acrolein
Concen: 19.284 ug/l
RT: 4.257 min Scan# 386
Delta R.T. 0.223 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 56 Resp: 9672
Ion Ratio Lower Upper
56 100
55 57.8 54.8 82.2

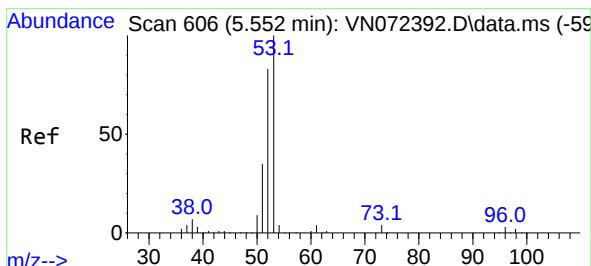
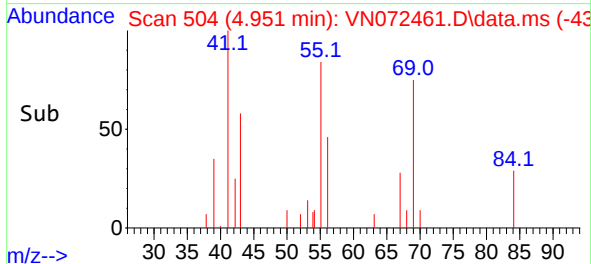
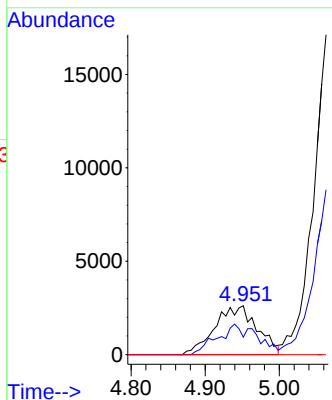
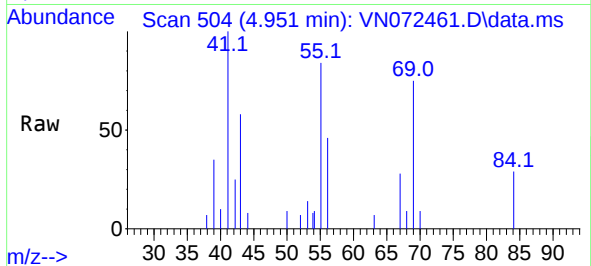




#14
 Allyl chloride
 Concen: 2.707 ug/l
 RT: 4.951 min Scan# 504
 Delta R.T. 0.111 min
 Lab File: VN072461.D
 Acq: 12 May 2022 18:33

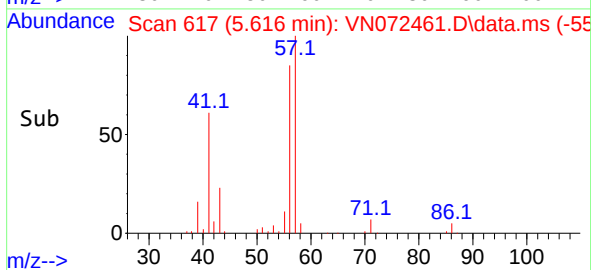
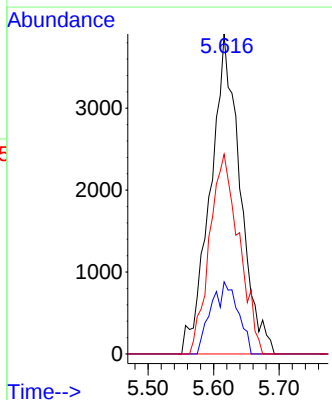
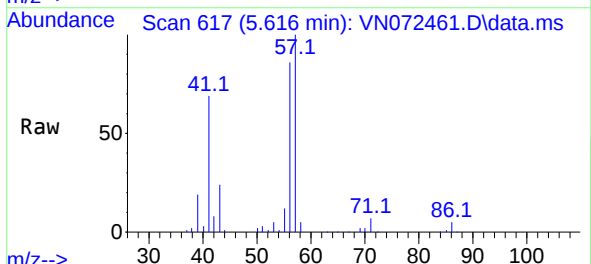
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 ClientSampleId :
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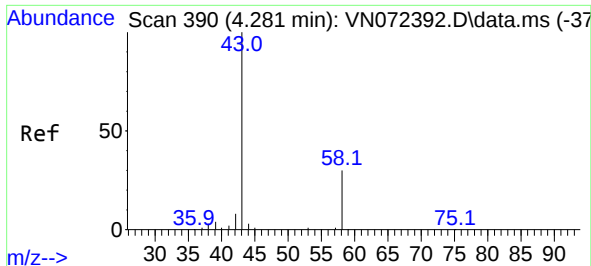
Tgt Ion: 41 Resp: 10381
 Ion Ratio Lower Upper
 41 100
 39 36.3 53.2 79.8#
 76 0.0 29.9 44.9#



#15
 Acrylonitrile
 Concen: 8.855 ug/l
 RT: 5.616 min Scan# 617
 Delta R.T. 0.064 min
 Lab File: VN072461.D
 Acq: 12 May 2022 18:33

Tgt Ion: 53 Resp: 12335
 Ion Ratio Lower Upper
 53 100
 52 20.3 66.4 99.6#
 51 61.6 28.5 42.7#

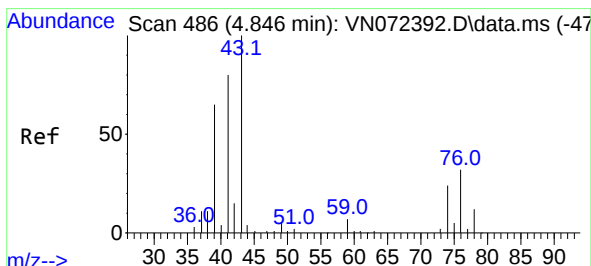
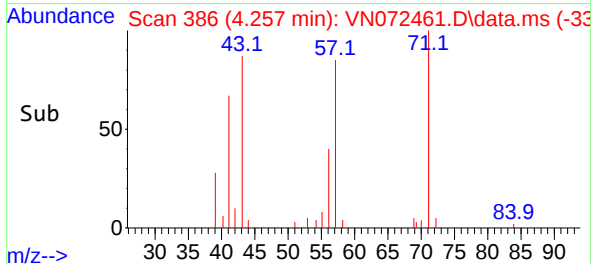
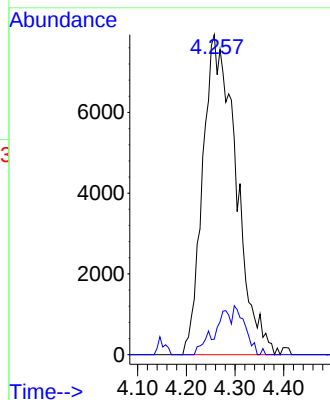
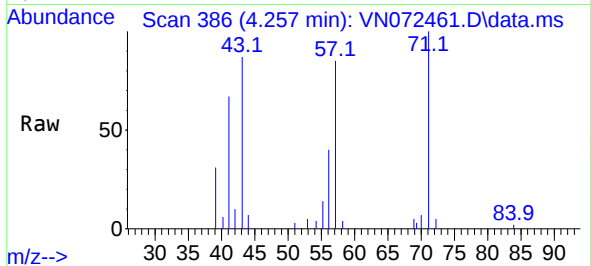




#16
Acetone
Concen: 30.262 ug/l
RT: 4.257 min Scan# 31
Delta R.T. -0.024 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

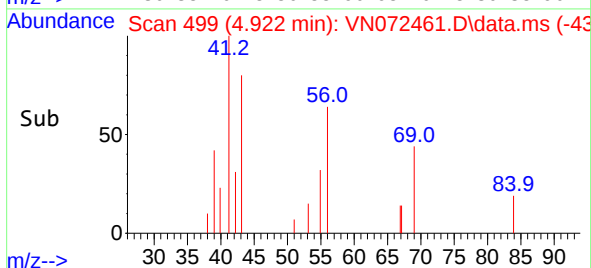
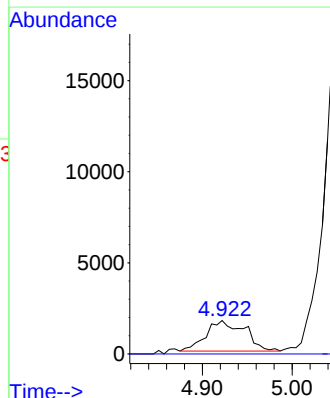
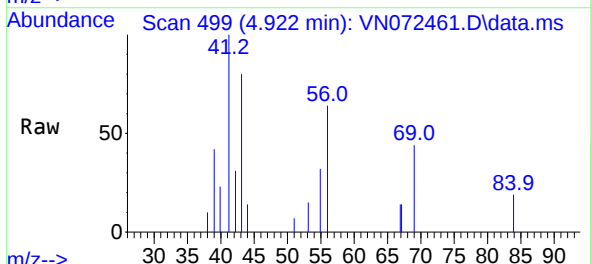
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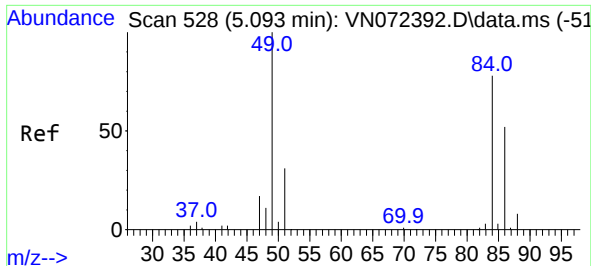
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Ion Ratio Lower Upper
43 100
58 4.8 26.0 39.0#



#18
Methyl Acetate
Concen: 1.388 ug/l
RT: 4.922 min Scan# 499
Delta R.T. 0.076 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 43 Resp: 5075
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

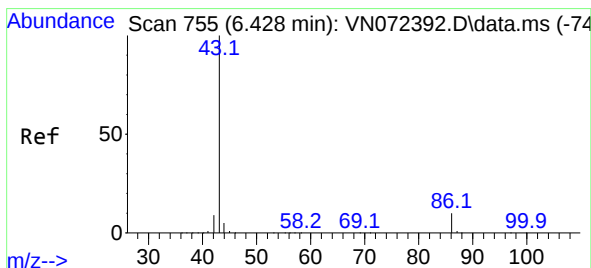
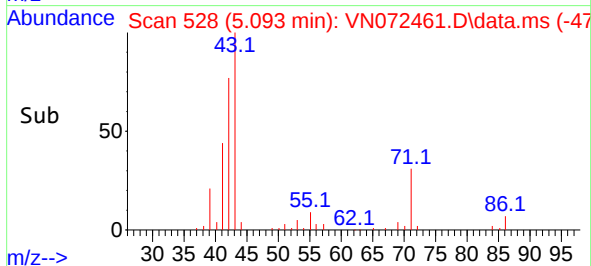
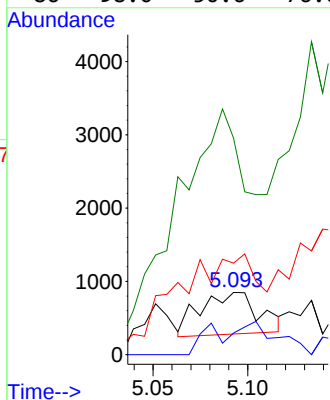
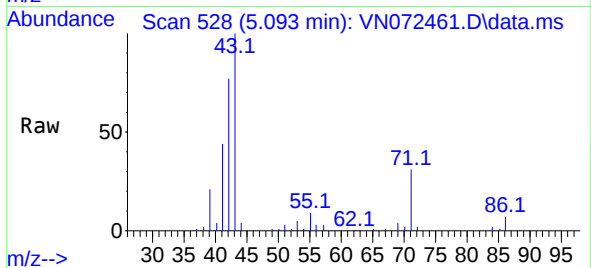




#20
Methylene Chloride
Concen: 0.485 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

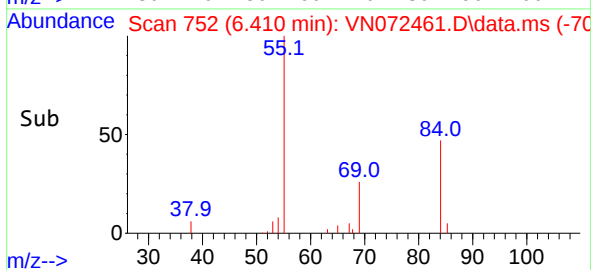
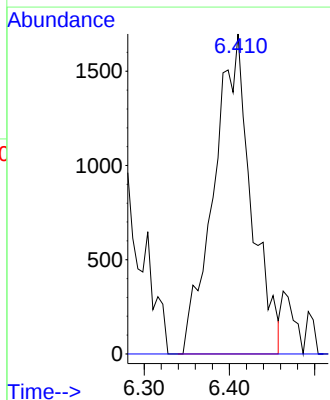
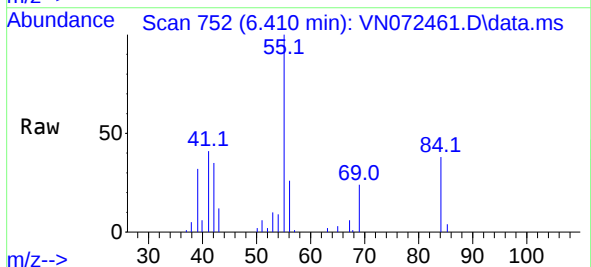
Instrument :
MSVOA_N
ClientSampleId :
GES-2

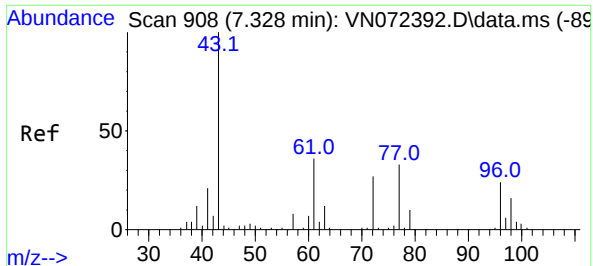
Tgt Ion: 84	Resp:	1234	
Ion	Ratio	Lower	Upper
84	100		
49	54.7	88.3	132.5#
51	49.3	28.2	42.2#
86	98.0	50.6	76.0#



#23
Vinyl Acetate
Concen: 0.794 ug/l
RT: 6.410 min Scan# 752
Delta R.T. -0.018 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 43	Resp:	5179	
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.0	15.0#





#25

2-Butanone

Concen: 6.492 ug/l

RT: 7.334 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN072461.D

Acq: 12 May 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

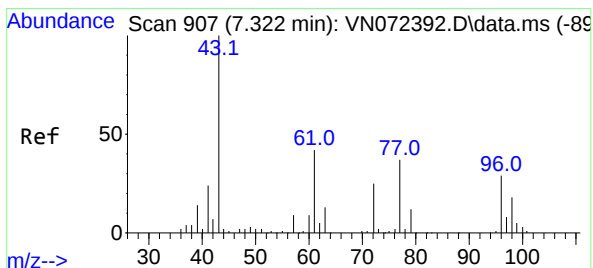
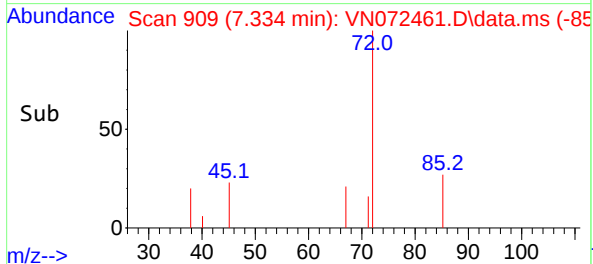
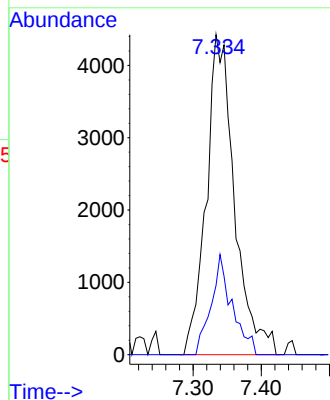
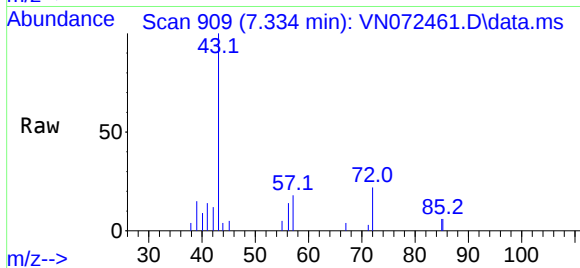
GES-2

Tgt Ion: 43 Resp: 12721

Ion Ratio Lower Upper

43 100

72 21.6 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 1.058 ug/l

RT: 7.145 min Scan# 877

Delta R.T. -0.177 min

Lab File: VN072461.D

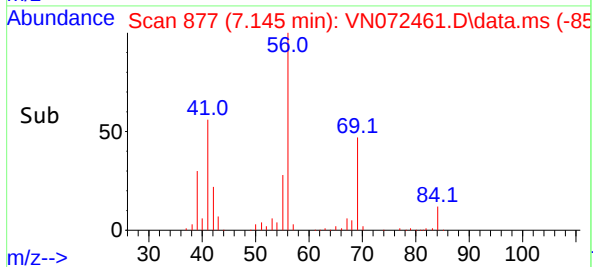
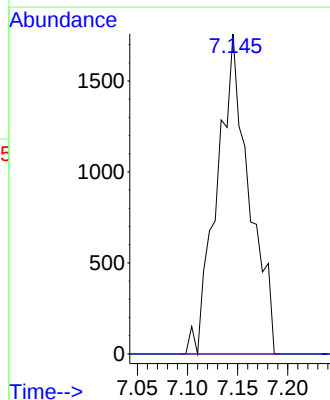
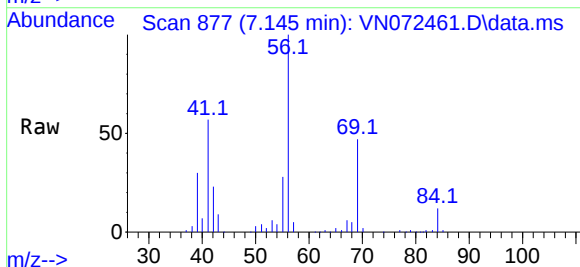
Acq: 12 May 2022 18:33

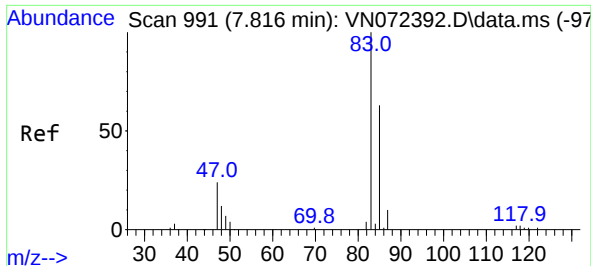
Tgt Ion: 77 Resp: 3910

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#30

Chloroform

Concen: 1.562 ug/l

RT: 7.781 min Scan# 91

Delta R.T. -0.035 min

Lab File: VN072461.D

Acq: 12 May 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

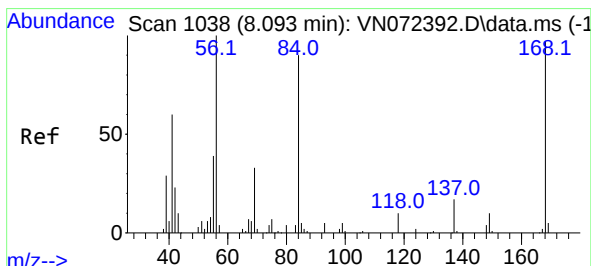
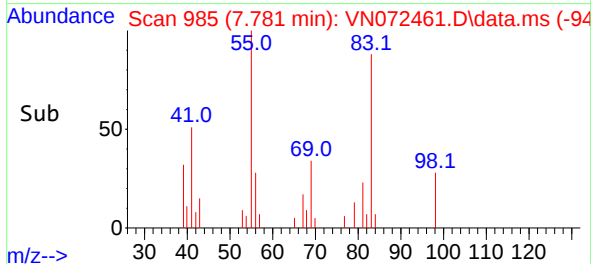
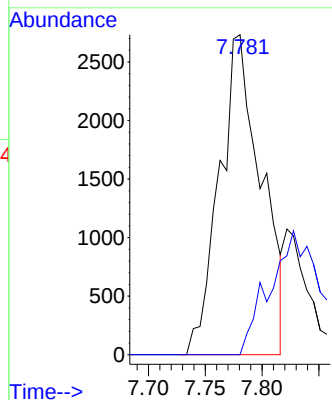
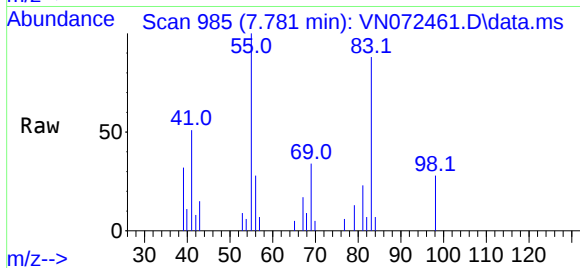
GES-2

Tgt Ion: 83 Resp: 6990

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.8#



#31

Cyclohexane

Concen: 32.488 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.001 min

Lab File: VN072461.D

Acq: 12 May 2022 18:33

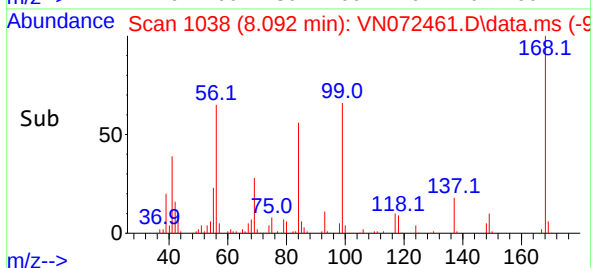
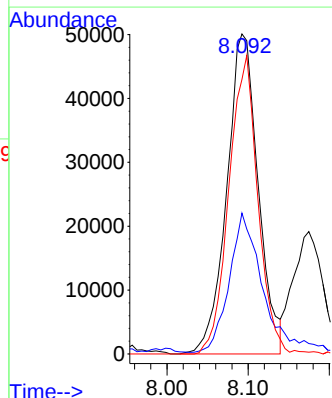
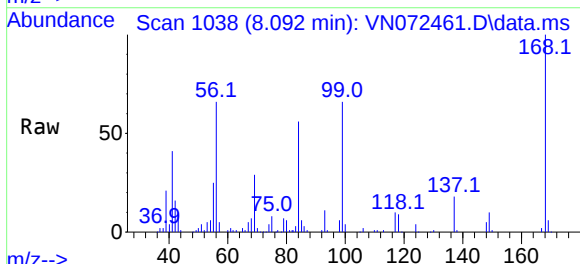
Tgt Ion: 56 Resp: 134961

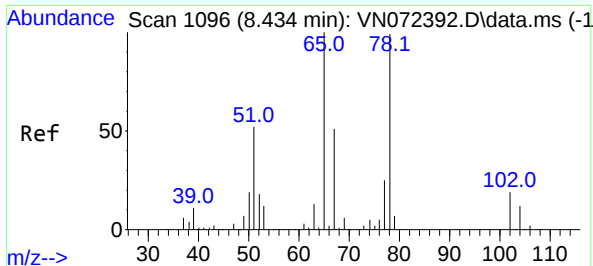
Ion Ratio Lower Upper

56 100

69 43.4 27.8 41.8#

84 85.8 76.9 115.3

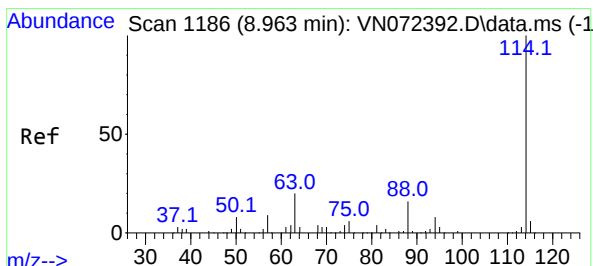
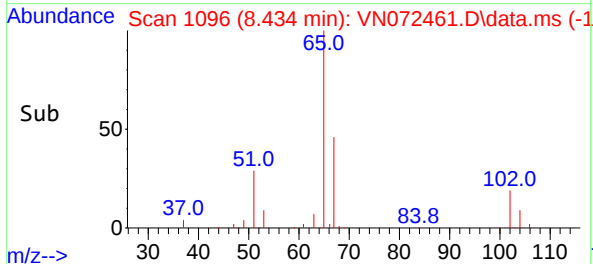
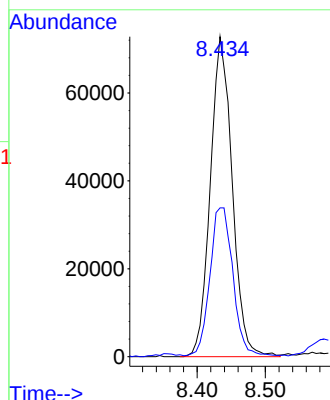
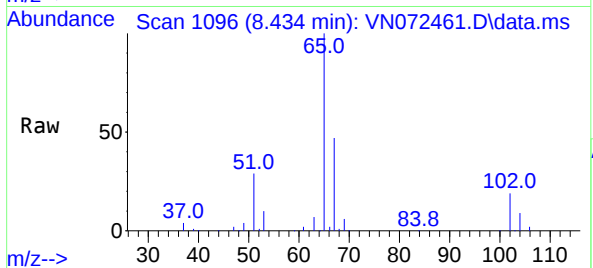




#33
1,2-Dichloroethane-d4
Concen: 51.988 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

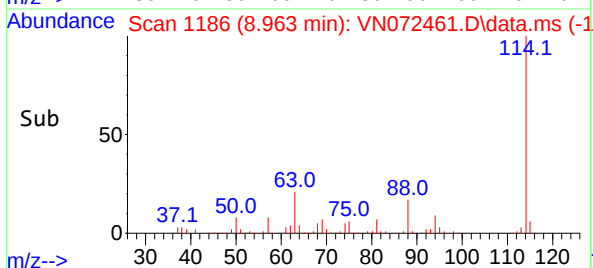
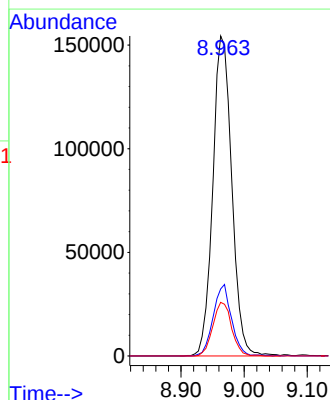
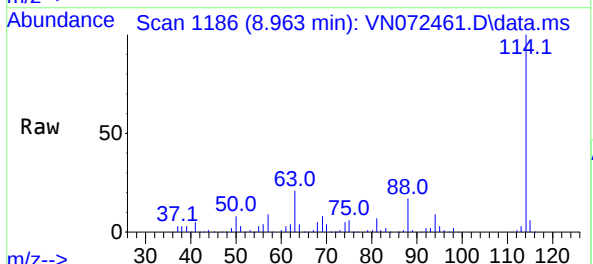
Instrument :
MSVOA_N
ClientSampleId :
GES-2

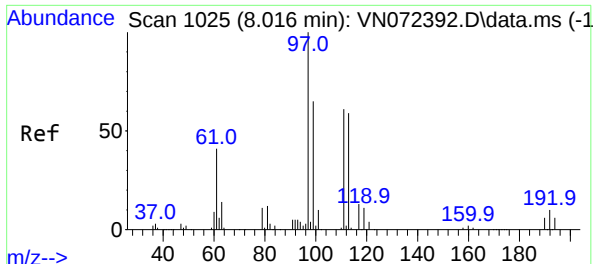
Tgt Ion: 65 Resp: 162988
Ion Ratio Lower Upper
65 100
67 48.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 114 Resp: 322540
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.0
88 16.7 0.0 32.6

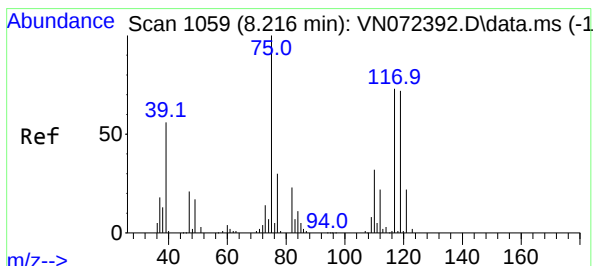
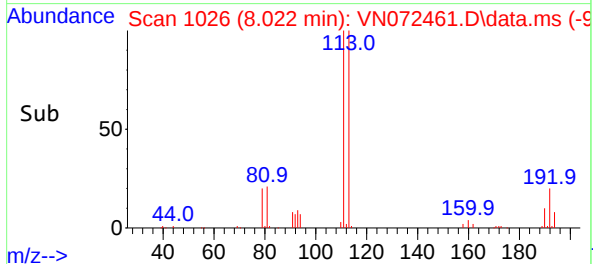
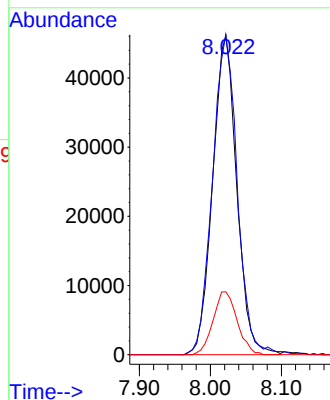
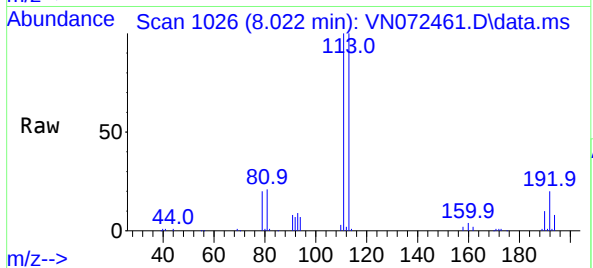




#35
Dibromofluoromethane
Concen: 50.537 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

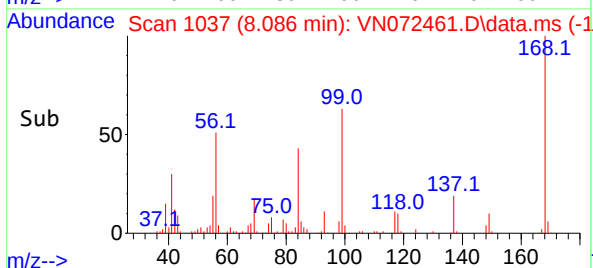
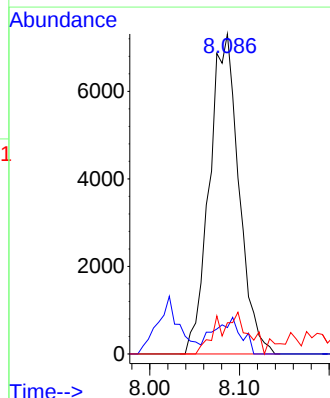
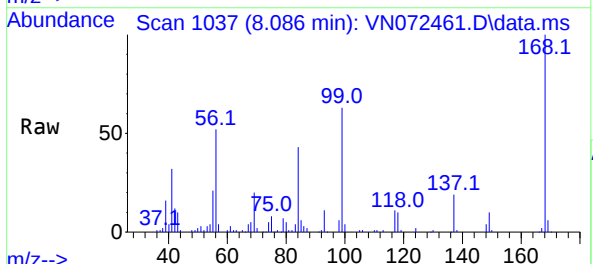
Instrument :
MSVOA_N
ClientSampleId :
GES-2

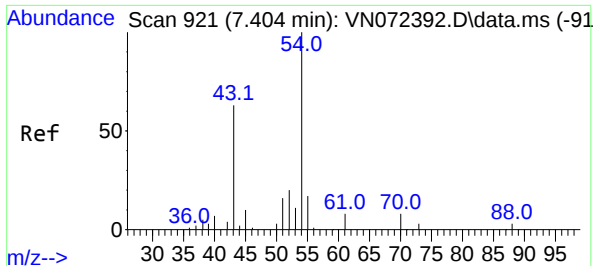
Tgt Ion:113 Resp: 108445
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 19.7 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.390 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 75 Resp: 16612
Ion Ratio Lower Upper
75 100
110 10.5 18.3 54.8#
77 8.8 25.1 37.7#



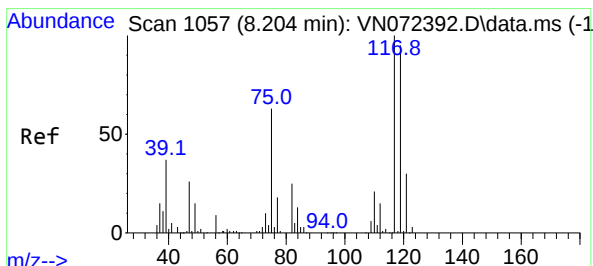
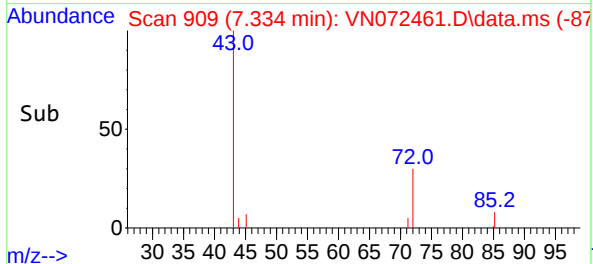
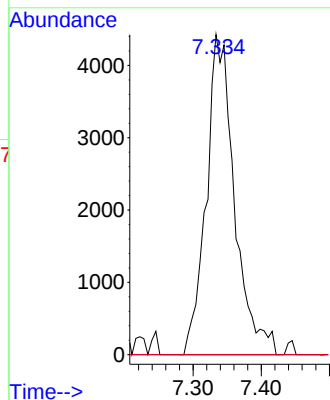
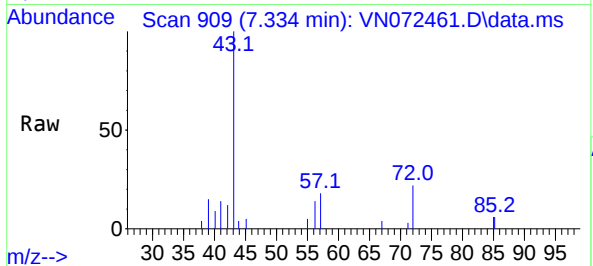


#37
Ethyl Acetate
Concen: 3.440 ug/l
RT: 7.334 min Scan# 90
Delta R.T. -0.070 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Instrument :
MSVOA_N
ClientSampleId :
GES-2

Tgt Ion: 43 Resp: 12721

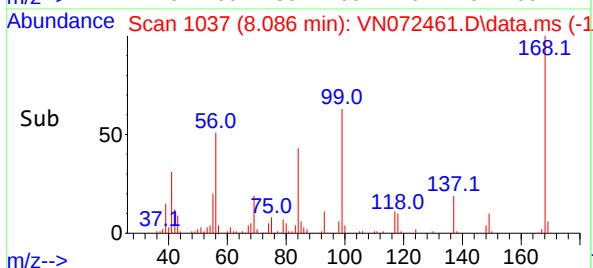
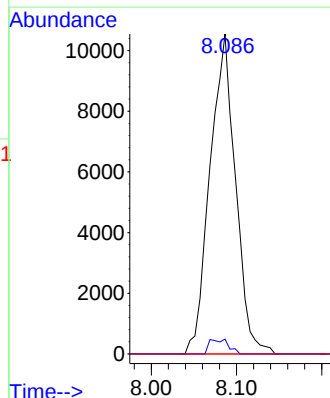
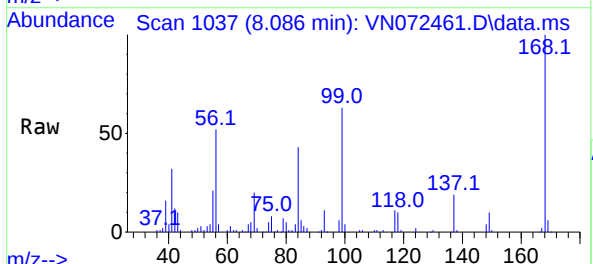
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	9.3	13.9#

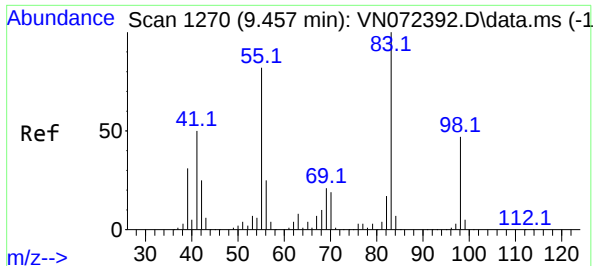


#38
Carbon Tetrachloride
Concen: 6.390 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.118 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 117 Resp: 22040

Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.8	113.8#
121	0.0	24.6	37.0#





#39

Methylcyclohexane

Concen: 36.354 ug/l

RT: 9.457 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN072461.D

Acq: 12 May 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

GES-2

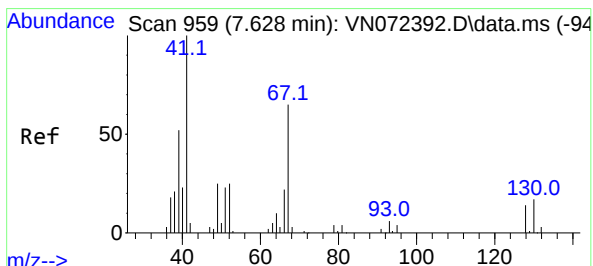
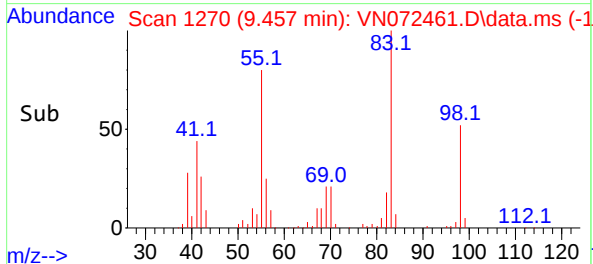
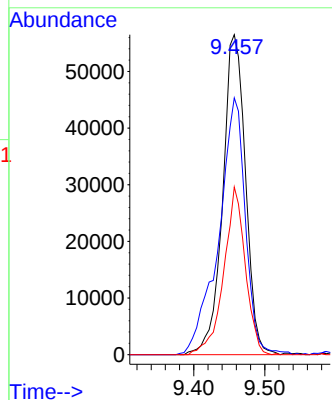
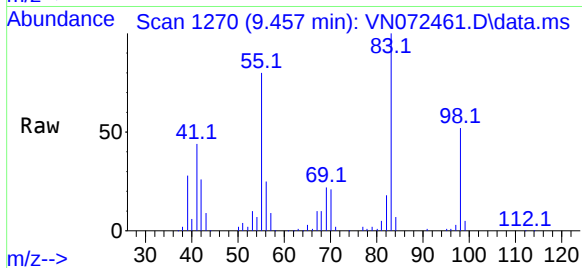
Tgt Ion: 83 Resp: 125925

Ion Ratio Lower Upper

83 100

55 79.9 57.8 86.8

98 52.4 39.4 59.2



#41

Methacrylonitrile

Concen: 0.520 ug/l

RT: 7.651 min Scan# 963

Delta R.T. 0.023 min

Lab File: VN072461.D

Acq: 12 May 2022 18:33

Tgt Ion: 41 Resp: 953

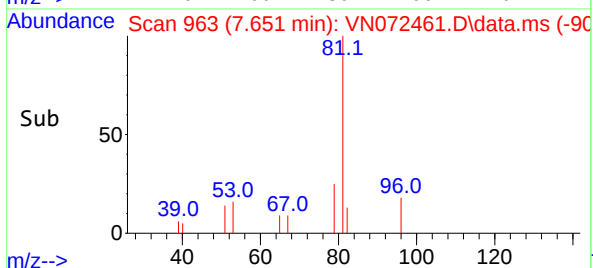
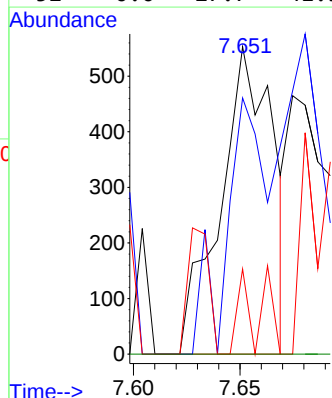
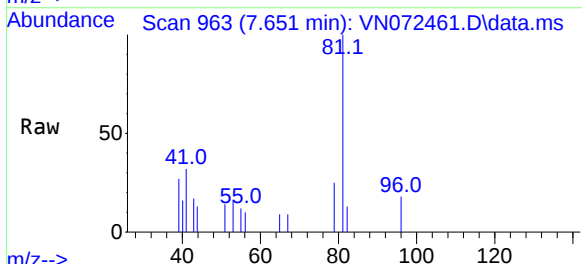
Ion Ratio Lower Upper

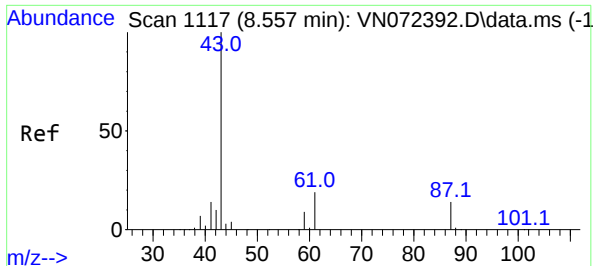
41 100

39 60.3 48.6 73.0

67 0.0 73.4 110.2#

52 0.0 27.7 41.5#

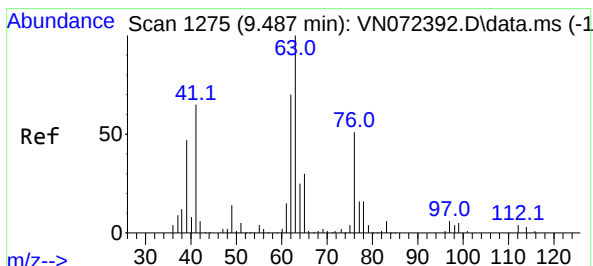
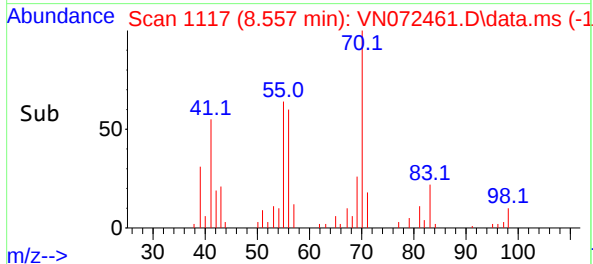
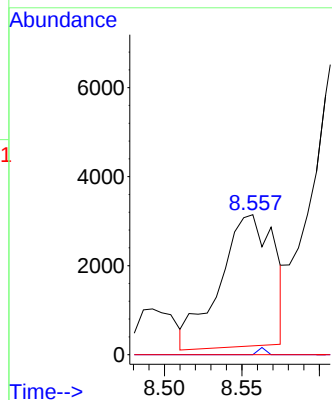
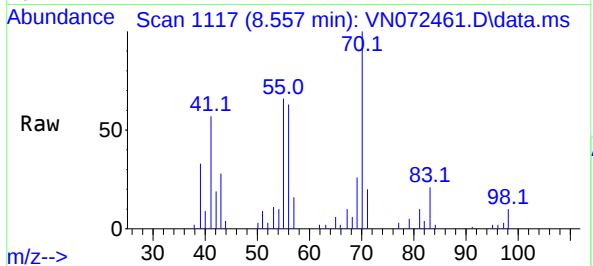




#43
Isopropyl Acetate
Concen: 1.269 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

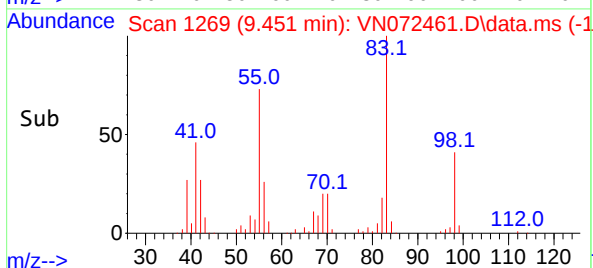
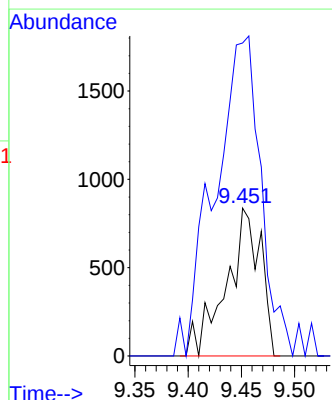
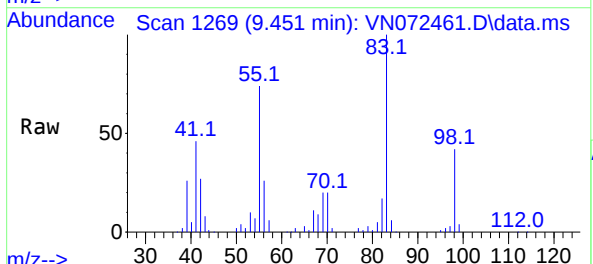
Instrument :
MSVOA_N
ClientSampleId :
GES-2

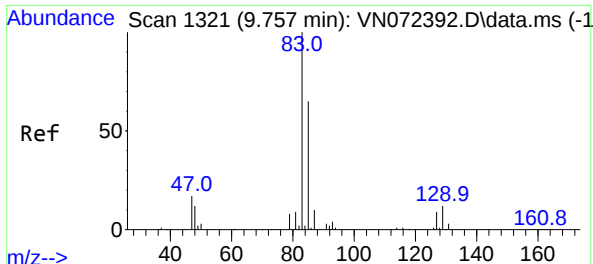
Tgt Ion: 43 Resp: 7208
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.797 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. -0.036 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 63 Resp: 1874
Ion Ratio Lower Upper
63 100
65 185.9 24.9 37.3#

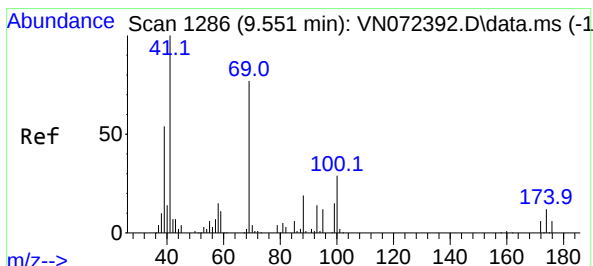
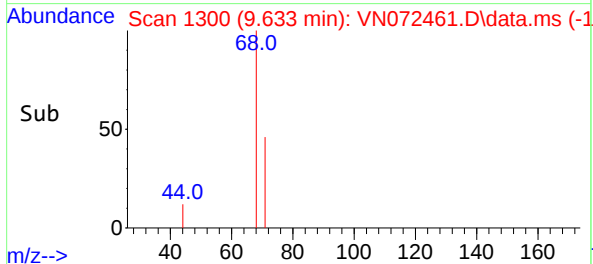
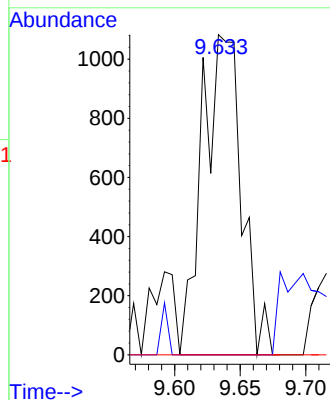
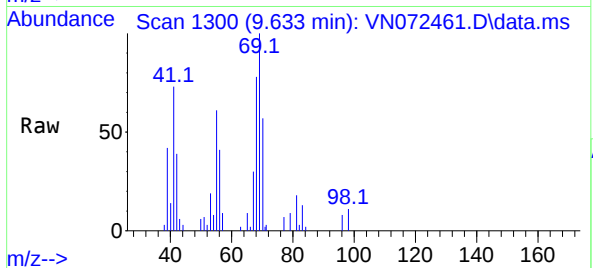




#47
Bromodichloromethane
Concen: 0.675 ug/l
RT: 9.633 min Scan# 11
Delta R.T. -0.124 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

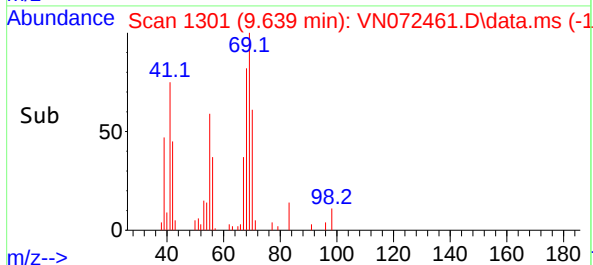
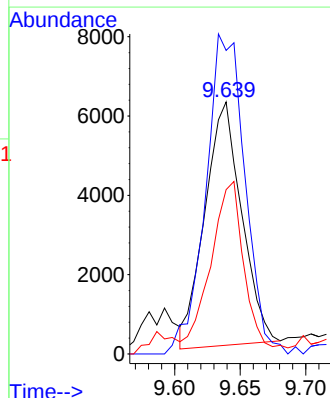
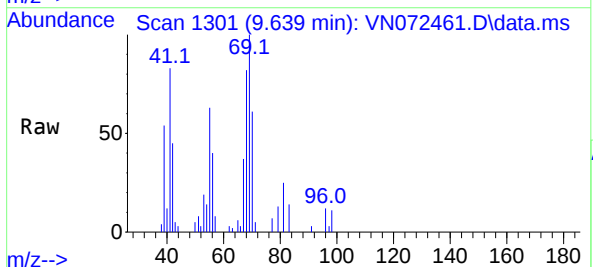
Instrument :
MSVOA_N
ClientSampleId :
GES-2

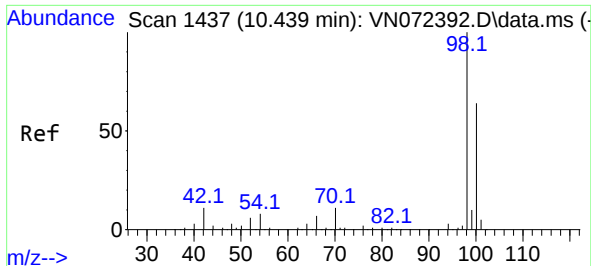
Tgt Ion: 83 Resp: 2252
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 4.522 ug/l
RT: 9.639 min Scan# 1301
Delta R.T. 0.088 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 41 Resp: 11982
Ion Ratio Lower Upper
41 100
69 140.1 74.7 112.1#
39 59.6 45.6 68.4

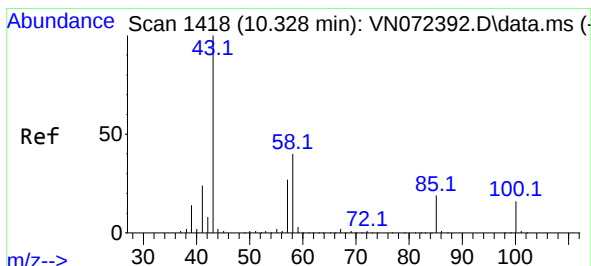
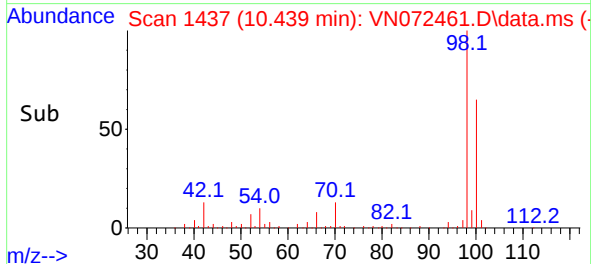
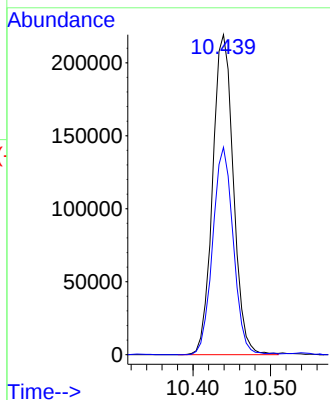
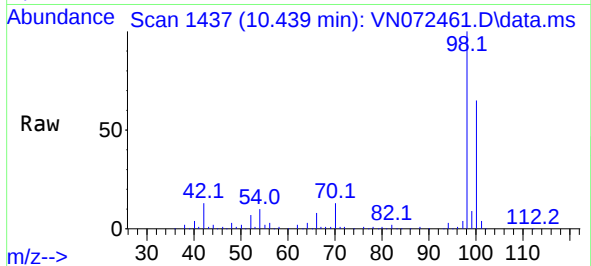




#50
Toluene-d8
Concen: 49.890 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

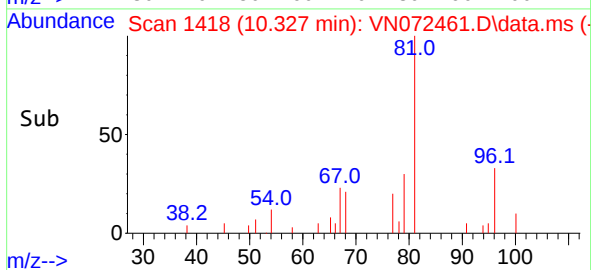
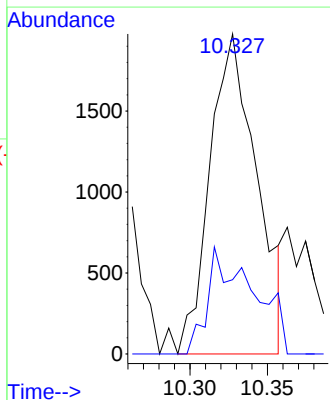
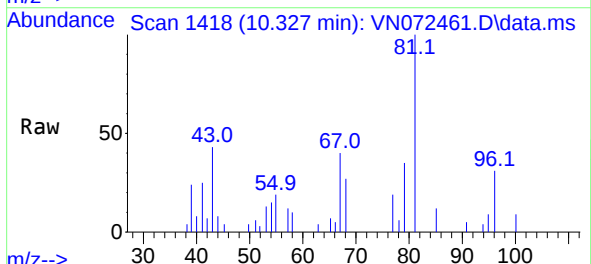
Instrument :
MSVOA_N
ClientSampleId :
GES-2

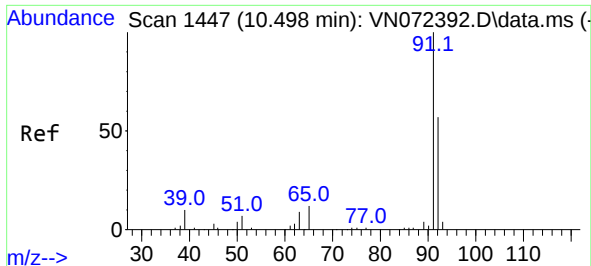
Tgt Ion: 98 Resp: 407727
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.177 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 43 Resp: 4151
Ion Ratio Lower Upper
43 100
58 32.7 34.1 51.1#

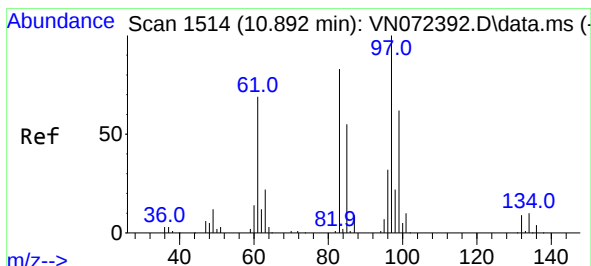
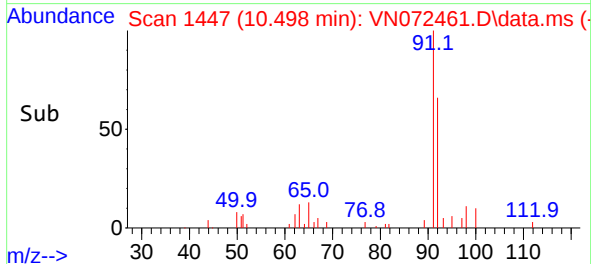
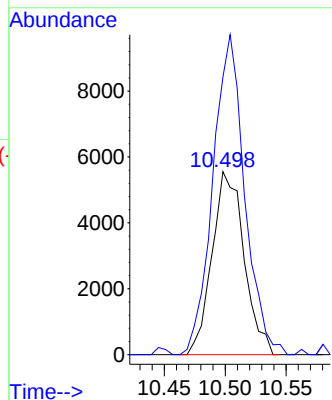
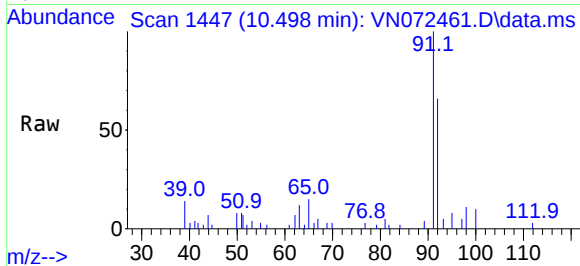




#52
Toluene
Concen: 1.786 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

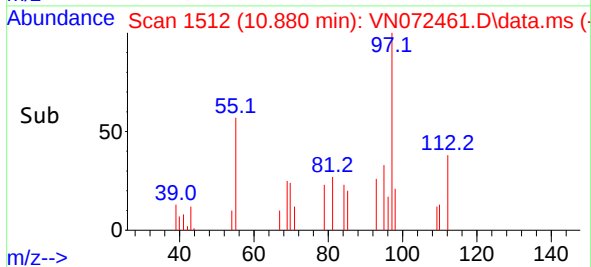
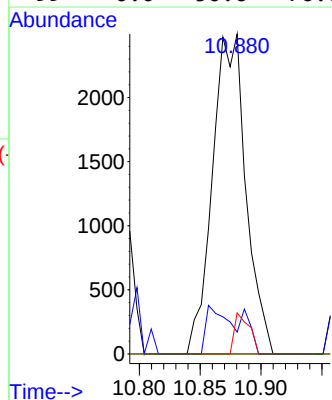
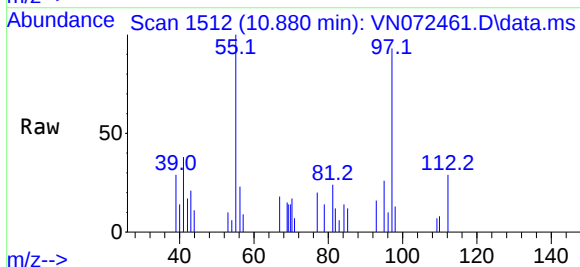
Instrument :
MSVOA_N
ClientSampleId :
GES-2

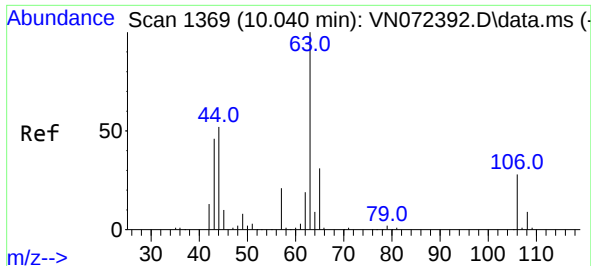
Tgt Ion: 92 Resp: 10142
Ion Ratio Lower Upper
92 100
91 174.4 138.6 207.8



#55
1,1,2-Trichloroethane
Concen: 2.016 ug/l
RT: 10.880 min Scan# 1512
Delta R.T. -0.012 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 97 Resp: 4767
Ion Ratio Lower Upper
97 100
83 6.9 66.2 99.4#
85 12.9 43.9 65.9#
99 0.0 50.6 76.0#

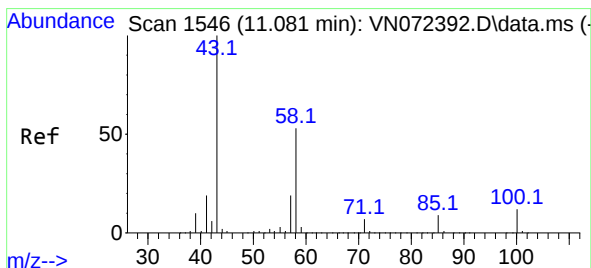
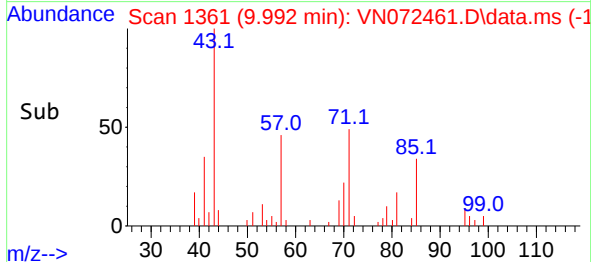
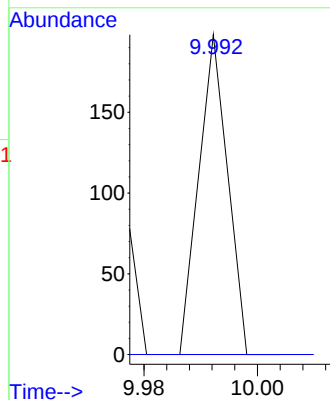
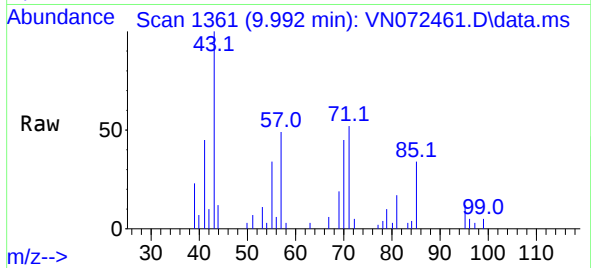




#58
2-Chloroethyl Vinyl ether
Concen: 17.412 ug/l
RT: 9.992 min Scan# 1361
Delta R.T. -0.048 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

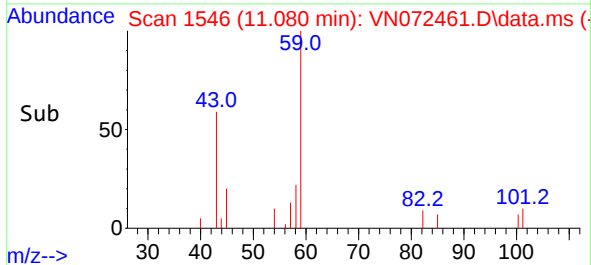
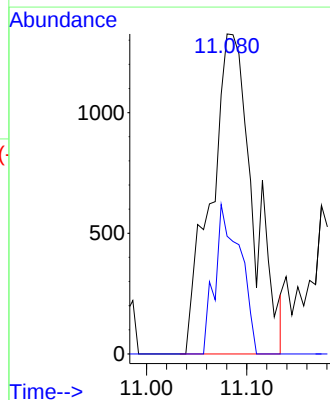
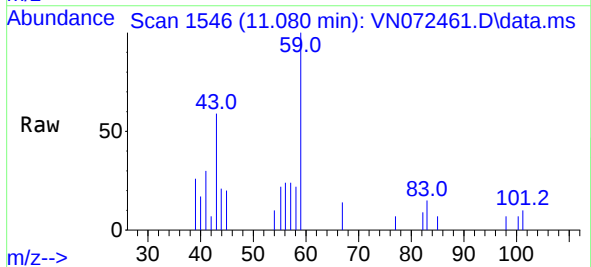
Instrument :
MSVOA_N
ClientSampleId :
GES-2

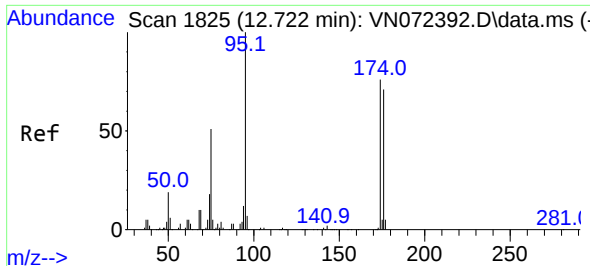
Tgt Ion: 63 Resp: 70
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 1.567 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 43 Resp: 3876
Ion Ratio Lower Upper
43 100
58 28.2 29.7 89.1#

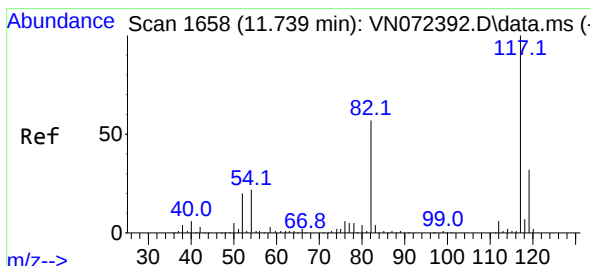
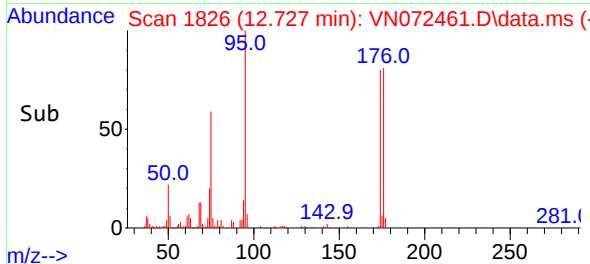
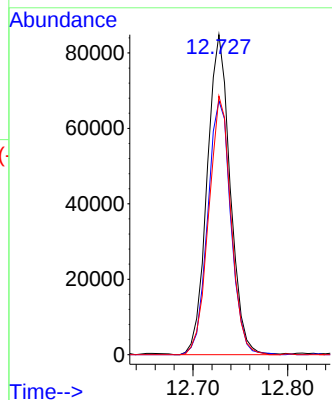
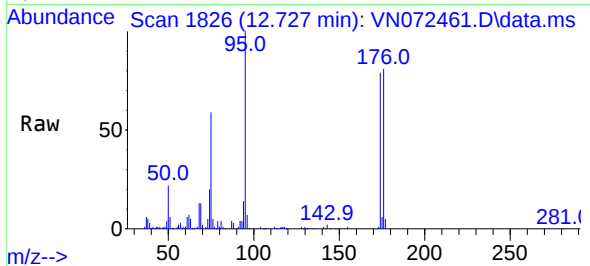




#62
4-Bromofluorobenzene
Concen: 52.782 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

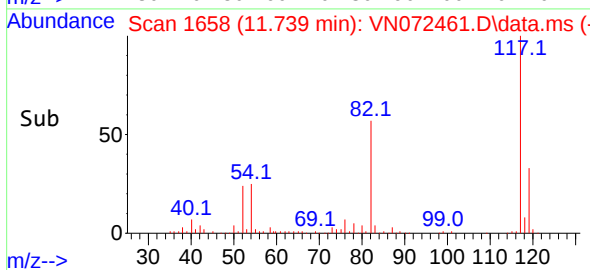
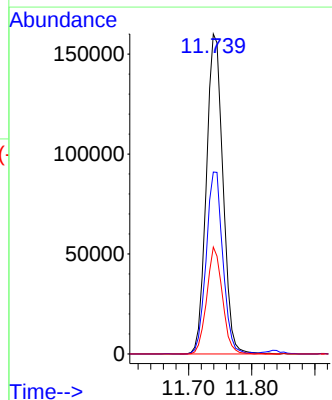
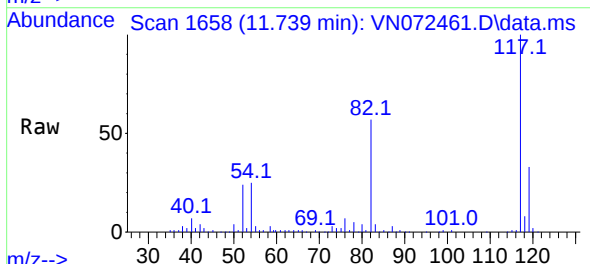
Instrument :
MSVOA_N
ClientSampleId :
GES-2

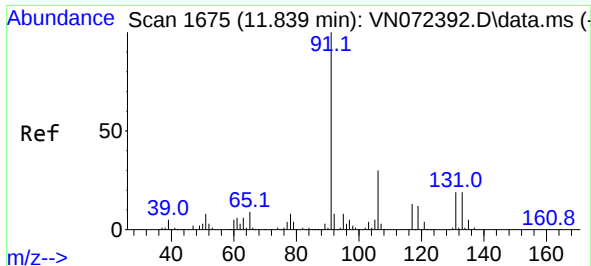
Tgt Ion: 95 Resp: 143258
Ion Ratio Lower Upper
95 100
174 79.8 0.0 167.6
176 78.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 117 Resp: 292372
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.2
119 33.4 25.4 38.0

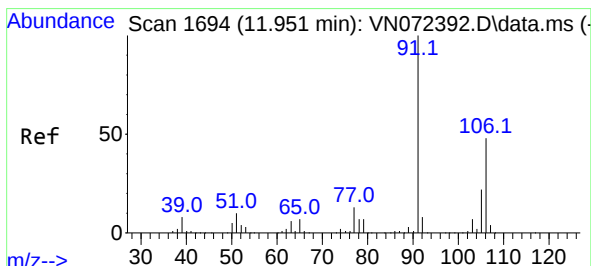
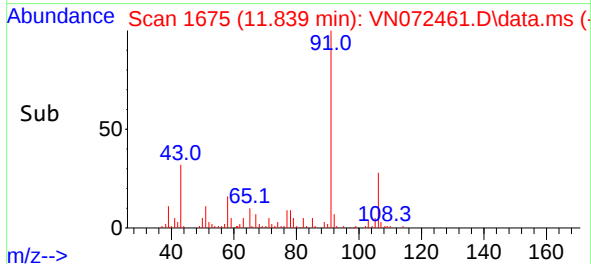
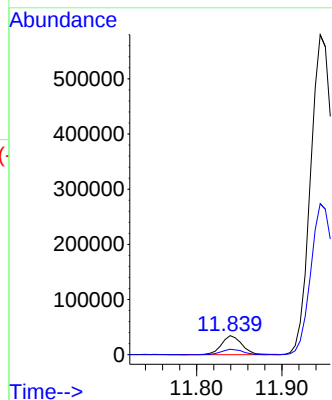
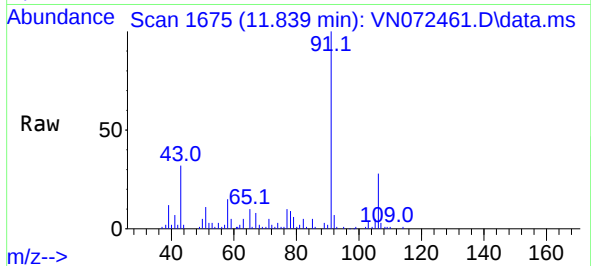




#67
Ethyl Benzene
Concen: 5.657 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

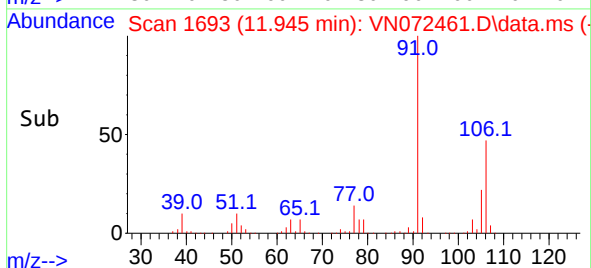
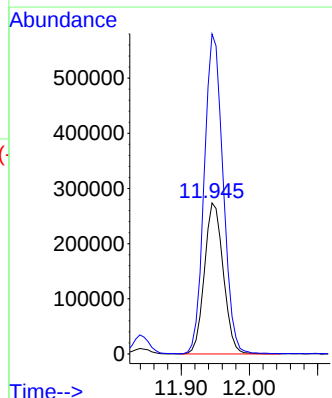
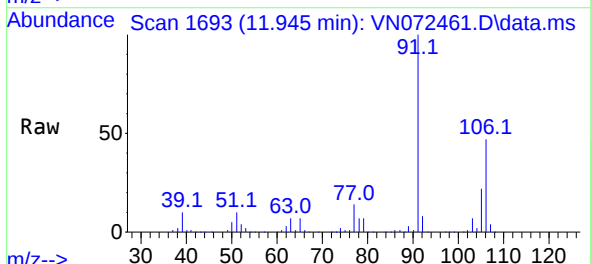
Instrument :
MSVOA_N
ClientSampleId :
GES-2

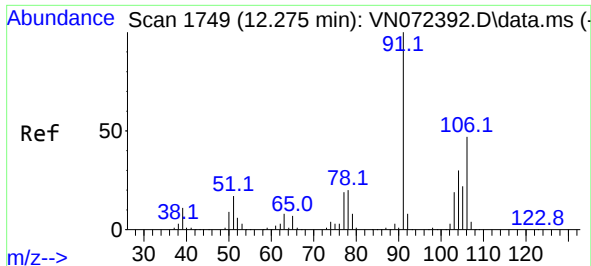
Tgt Ion: 91 Resp: 58302
Ion Ratio Lower Upper
91 100
106 28.3 24.9 37.3



#68
m/p-Xylenes
Concen: 134.683 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 106 Resp: 526460
Ion Ratio Lower Upper
106 100
91 211.7 158.9 238.3

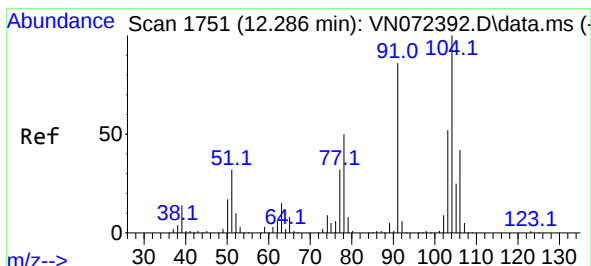
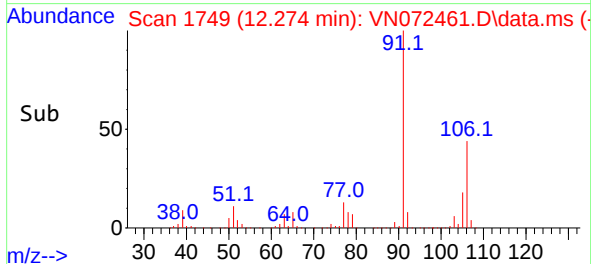
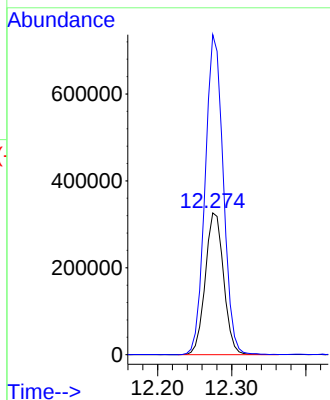
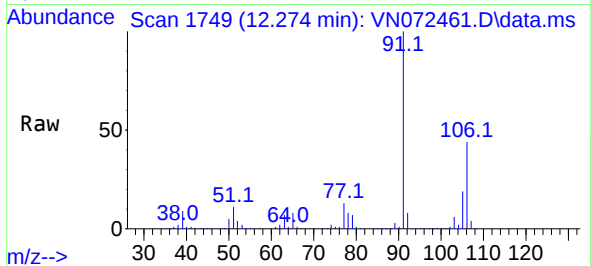




#69
o-Xylene
Concen: 146.138 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

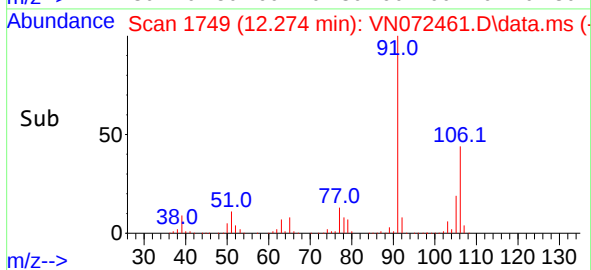
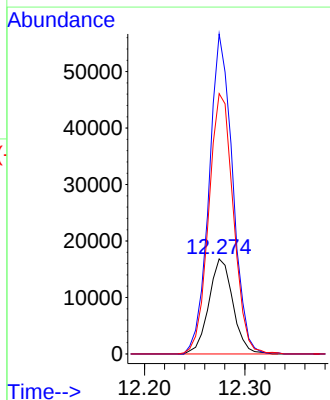
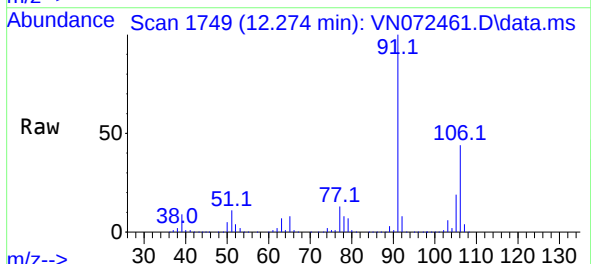
Instrument :
MSVOA_N
ClientSampleId :
GES-2

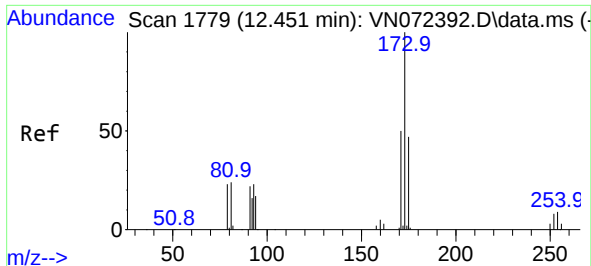
Tgt Ion:106 Resp: 561256
Ion Ratio Lower Upper
106 100
91 222.9 106.0 318.0



#70
Styrene
Concen: 4.781 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion:104 Resp: 28088
Ion Ratio Lower Upper
104 100
78 329.3 39.5 59.3#
103 280.5 44.0 66.0#

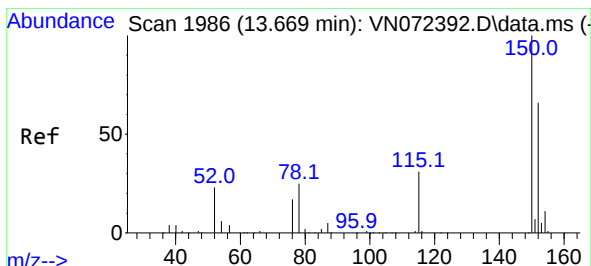
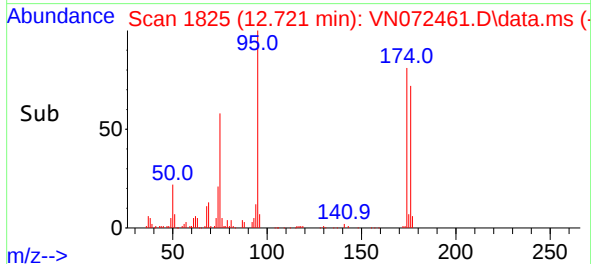
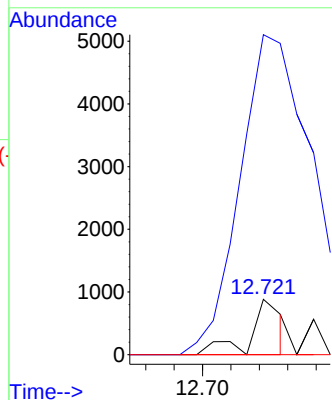
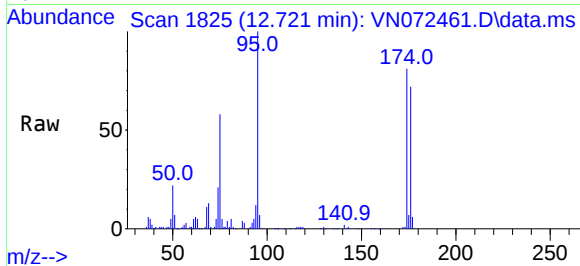




#71
Bromoform
Concen: 0.389 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

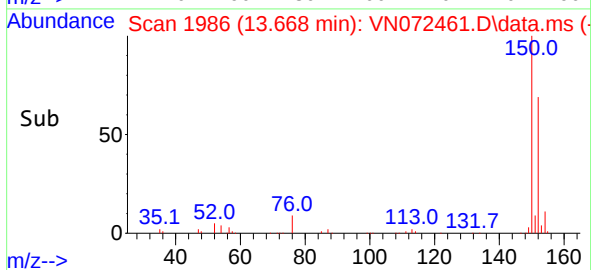
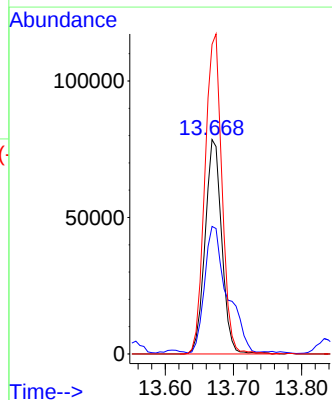
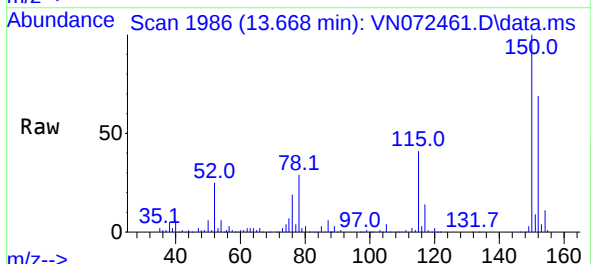
Instrument :
MSVOA_N
ClientSampleId :
GES-2

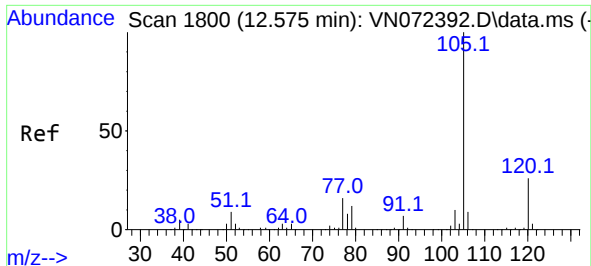
Tgt Ion:173 Resp: 686
Ion Ratio Lower Upper
173 100
175 828.3 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion:152 Resp: 133624
Ion Ratio Lower Upper
152 100
115 80.7 28.9 86.7
150 152.3 0.0 356.2

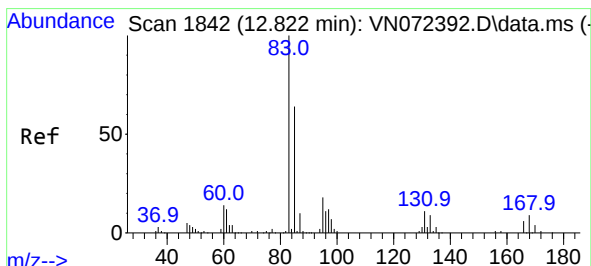
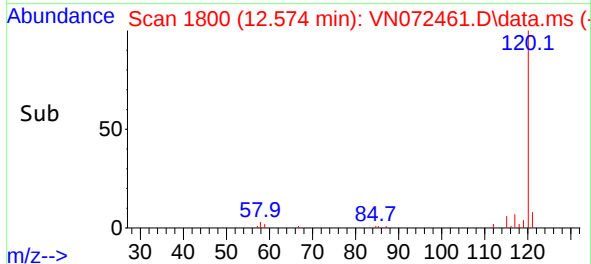
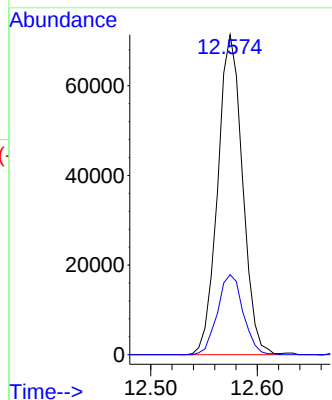
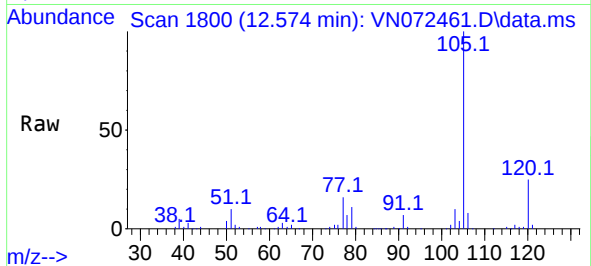




#73
Isopropylbenzene
Concen: 10.399 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

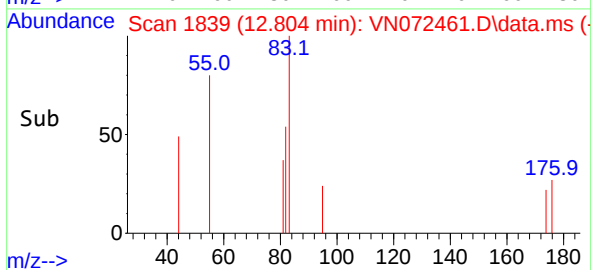
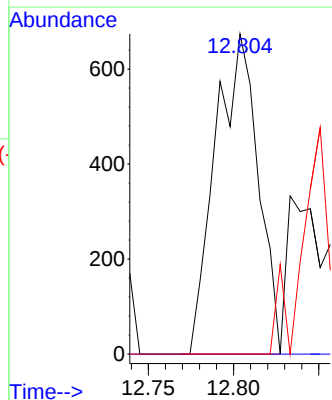
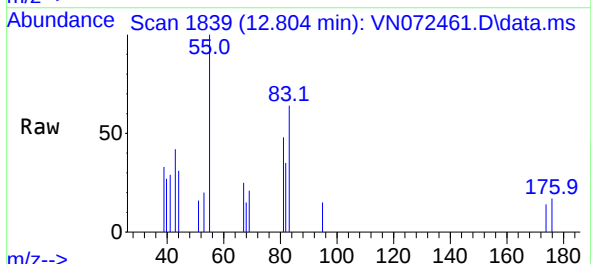
Instrument :
MSVOA_N
ClientSampleId :
GES-2

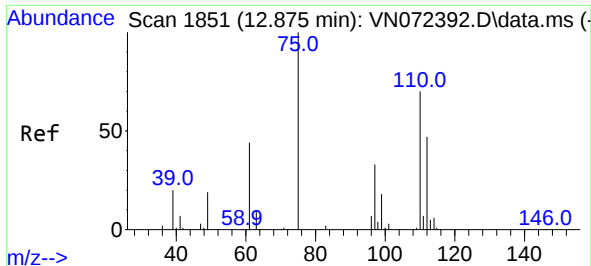
Tgt Ion:105 Resp: 115113
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4



#75
1,1,2,2-Tetrachloroethane
Concen: 0.292 ug/l
RT: 12.804 min Scan# 1839
Delta R.T. -0.018 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 83 Resp: 1175
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#

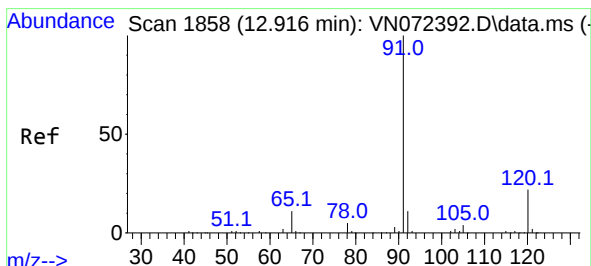
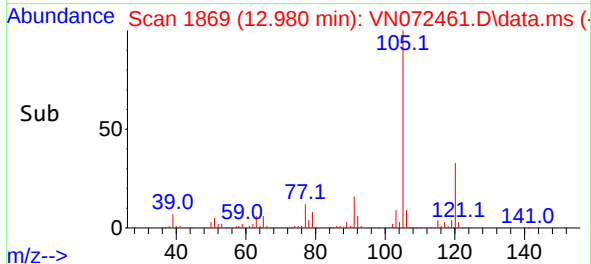
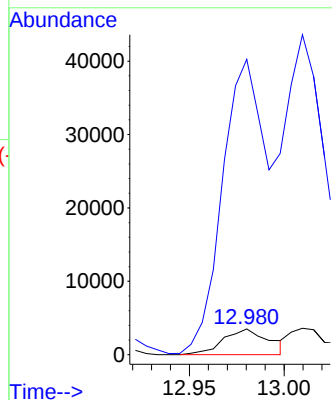
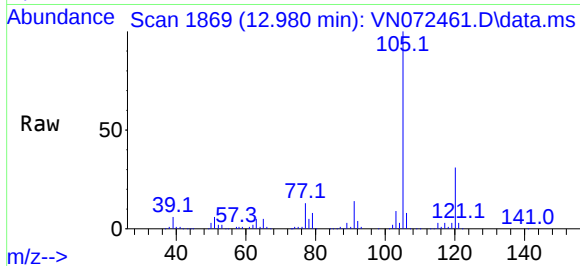




#76
1,2,3-Trichloropropane
Concen: 1.681 ug/l
RT: 12.980 min Scan# 1869
Delta R.T. 0.105 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

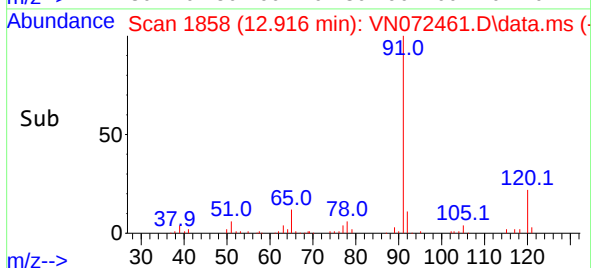
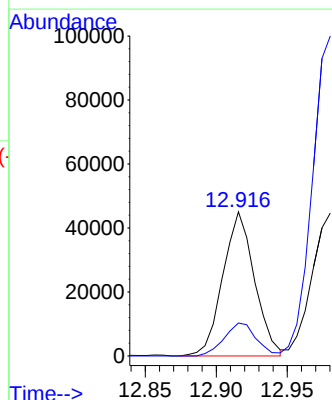
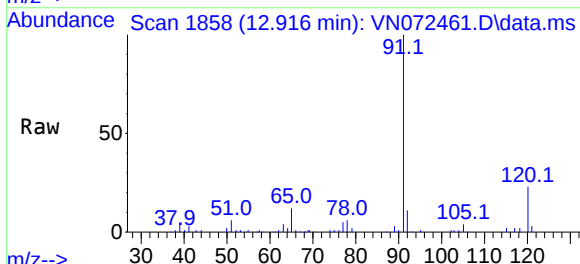
Instrument :
MSVOA_N
ClientSampleId :
GES-2

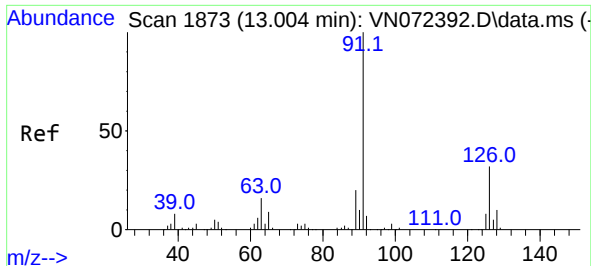
Tgt Ion: 75 Resp: 5858
Ion Ratio Lower Upper
75 100
77 1075.6 98.5 295.5#



#78
n-propylbenzene
Concen: 5.901 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 91 Resp: 69905
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5

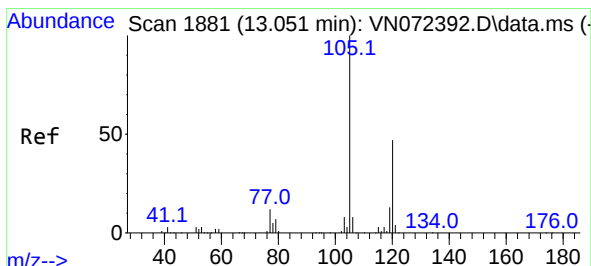
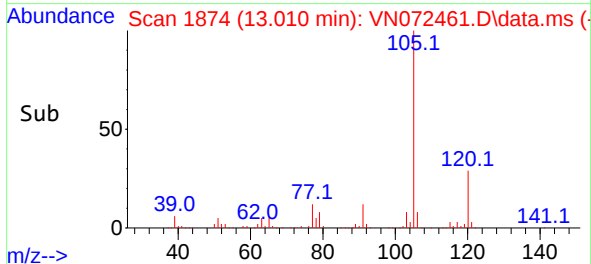
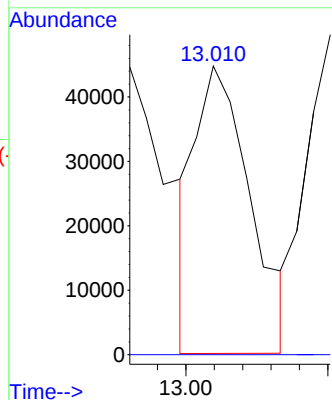
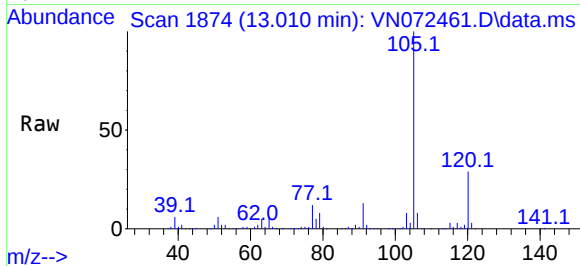




#79
2-Chlorotoluene
Concen: 7.746 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

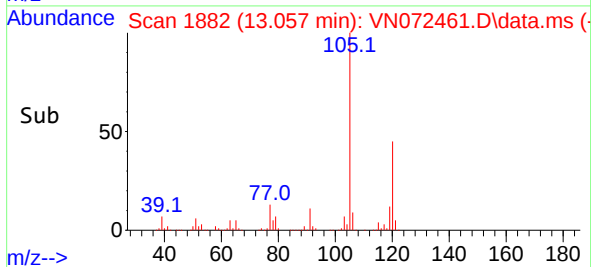
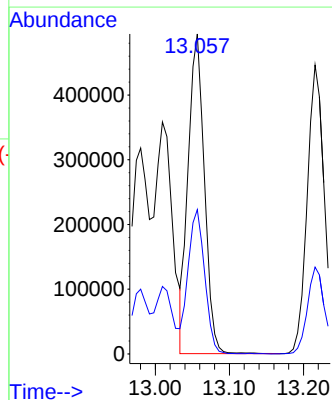
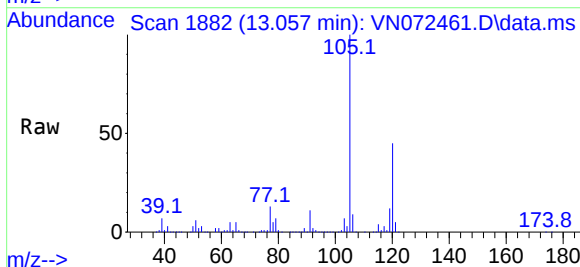
Instrument :
MSVOA_N
ClientSampleId :
GES-2

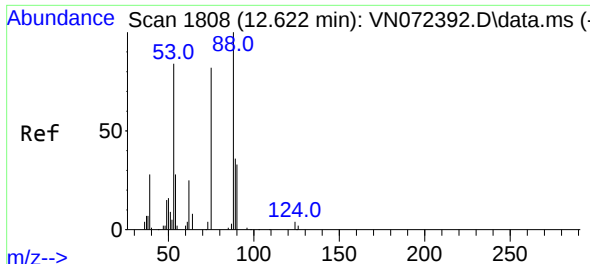
Tgt Ion: 91 Resp: 60278
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 83.146 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 105 Resp: 753817
Ion Ratio Lower Upper
105 100
120 45.8 24.9 74.7

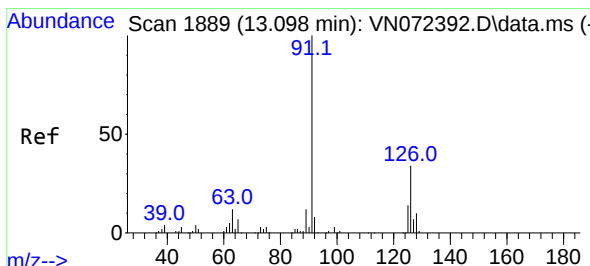
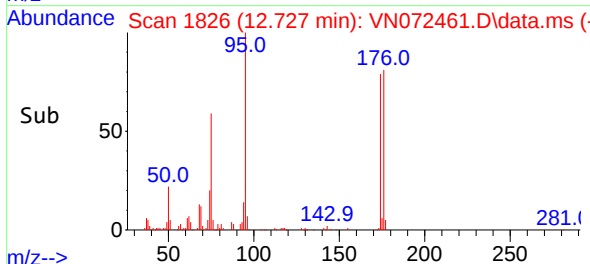
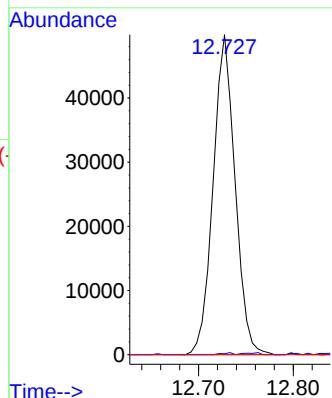
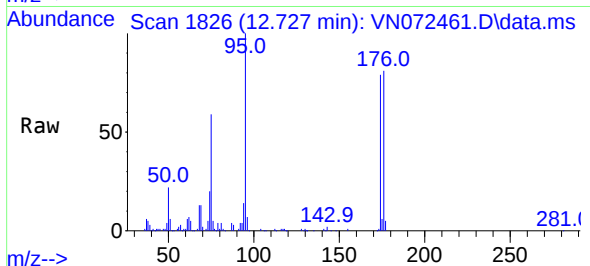




#81
trans-1,4-Dichloro-2-butene
Concen: 76.768 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

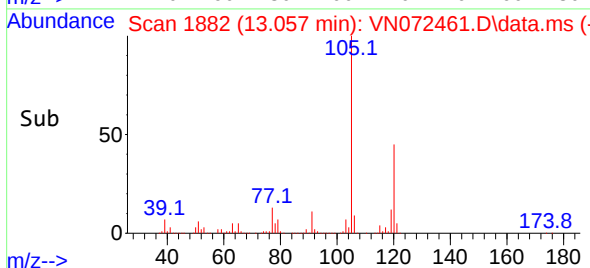
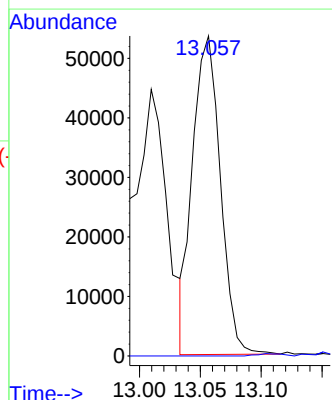
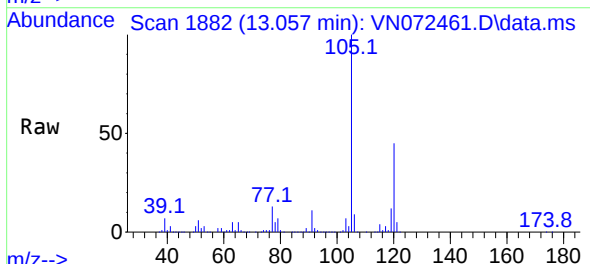
Instrument :
MSVOA_N
ClientSampleId :
GES-2

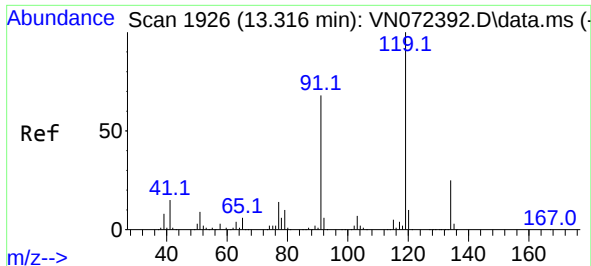
Tgt Ion: 75 Resp: 80200
Ion Ratio Lower Upper
75 100
53 0.3 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 11.497 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.041 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 91 Resp: 84789
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

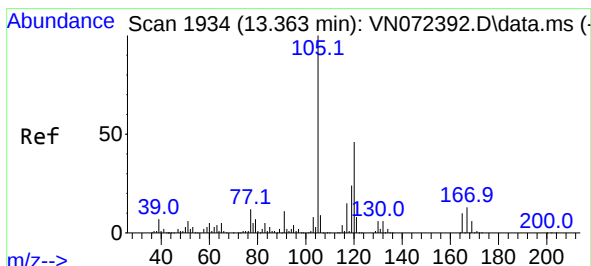
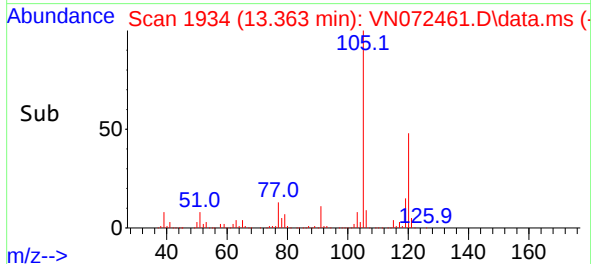
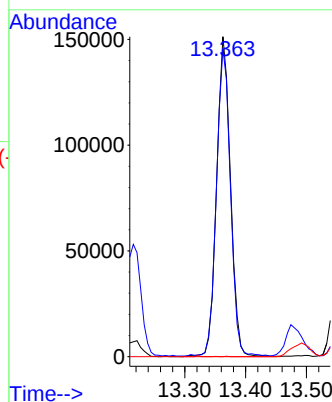
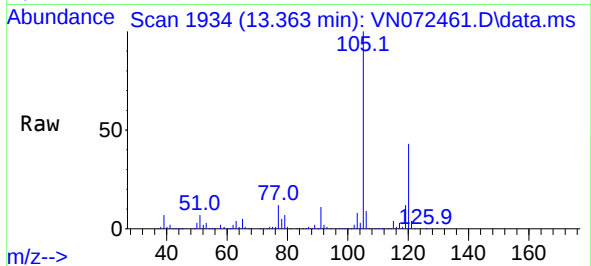




#83
tert-Butylbenzene
Concen: 30.088 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

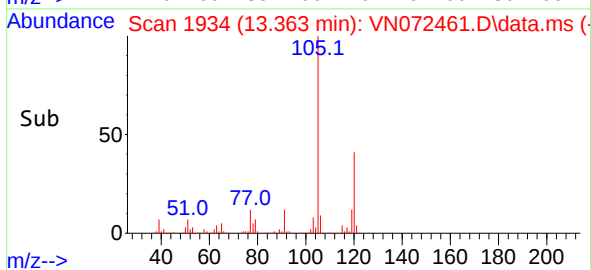
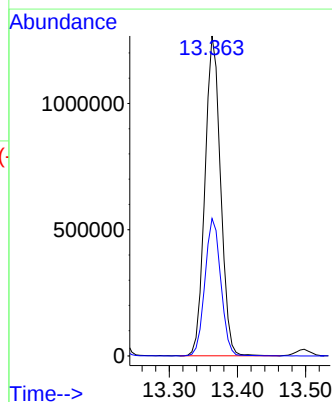
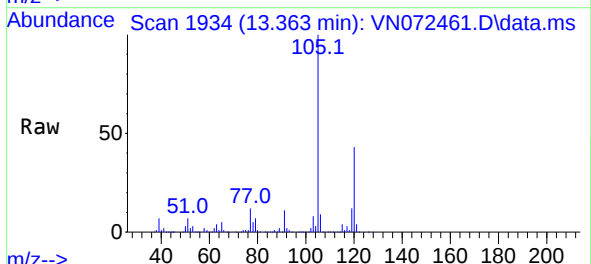
Instrument :
MSVOA_N
ClientSampleId :
GES-2

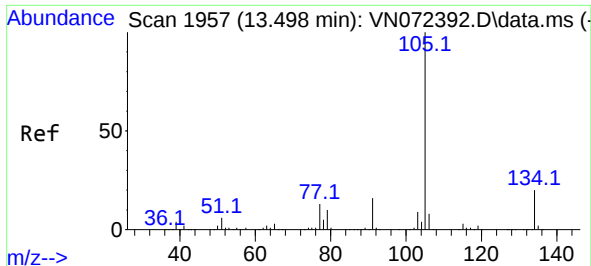
Tgt Ion:119 Resp: 238804
Ion Ratio Lower Upper
119 100
91 96.9 31.6 94.8#
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 228.686 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion:105 Resp: 2016865
Ion Ratio Lower Upper
105 100
120 43.7 23.3 69.8

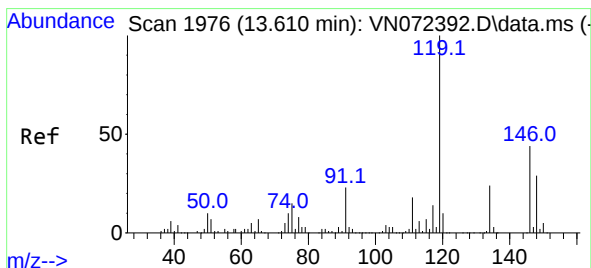
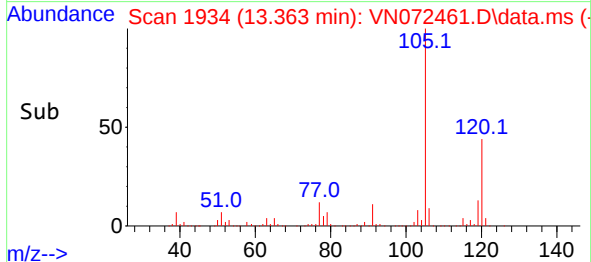
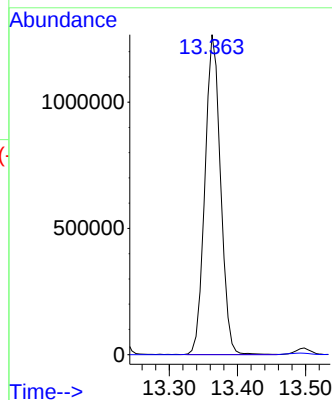
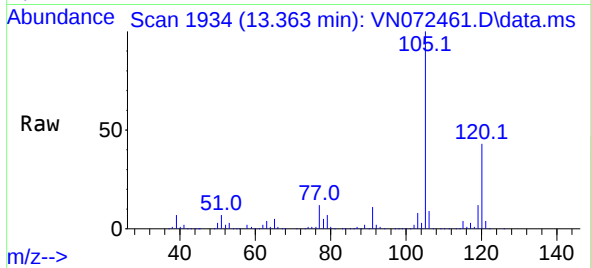




#85
 sec-Butylbenzene
 Concen: 190.541 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.135 min
 Lab File: VN072461.D
 Acq: 12 May 2022 18:33

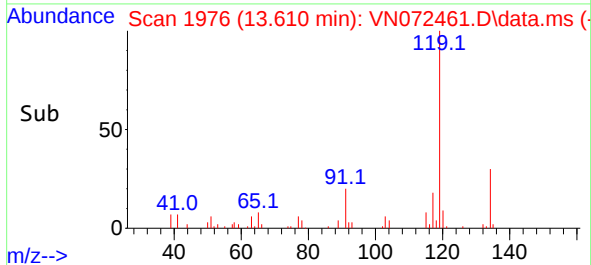
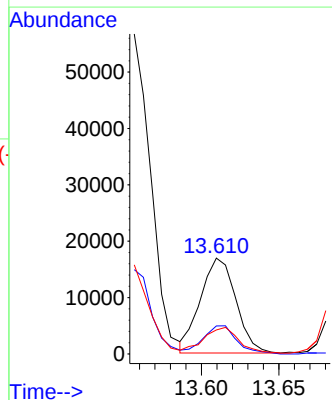
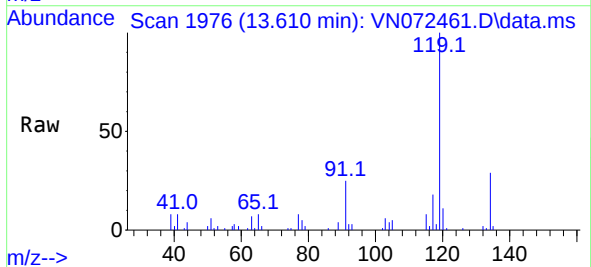
Instrument :
 MSVOA_N
 ClientSampleId :
 GES-2

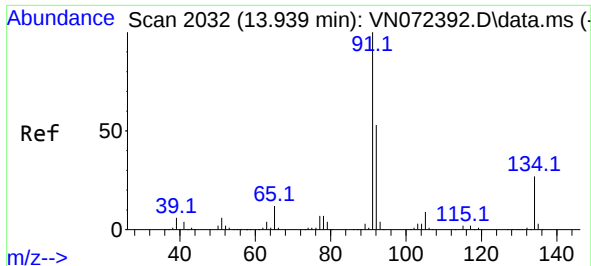
Tgt Ion:105 Resp: 2016865
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 3.247 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072461.D
 Acq: 12 May 2022 18:33

Tgt Ion:119 Resp: 26772
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.3 39.8
 91 26.8 11.3 33.9

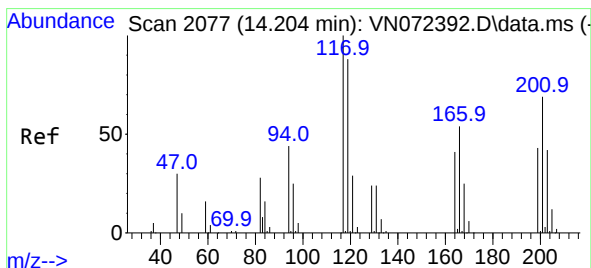
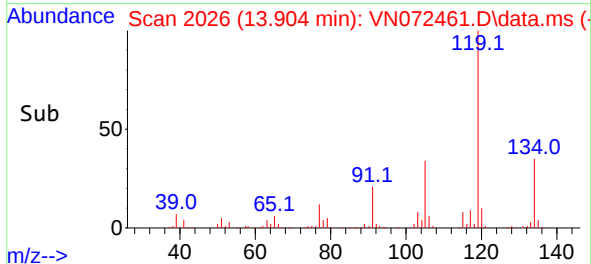
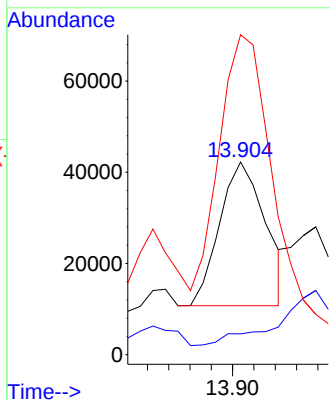
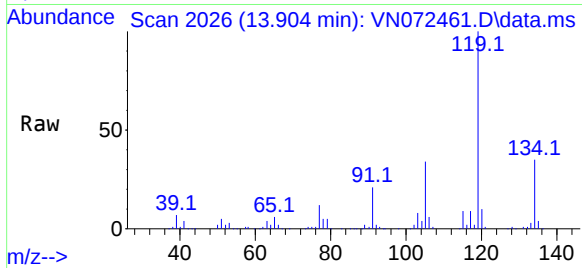




#89
n-Butylbenzene
Concen: 7.472 ug/l
RT: 13.904 min Scan# 2032
Delta R.T. -0.035 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

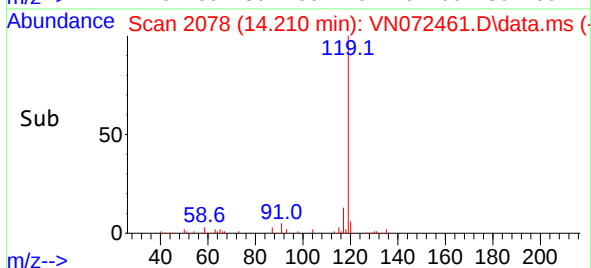
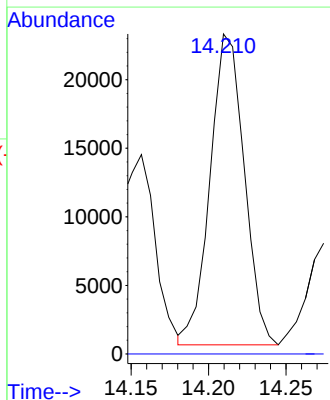
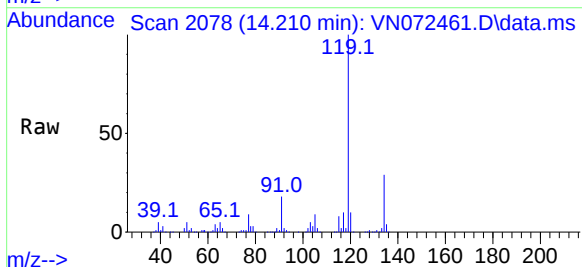
Instrument :
MSVOA_N
ClientSampleId :
GES-2

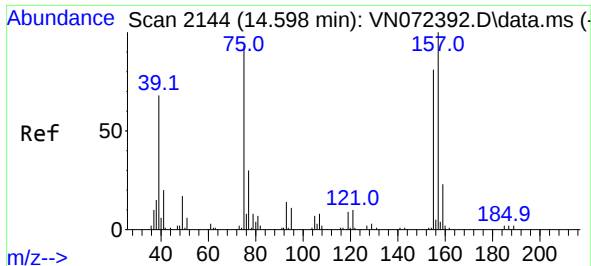
Tgt Ion: 91 Resp: 47094
Ion Ratio Lower Upper
91 100
92 0.0 26.9 80.7#
134 289.9 13.6 40.8#



#90
Hexachloroethane
Concen: 21.065 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion: 117 Resp: 34707
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

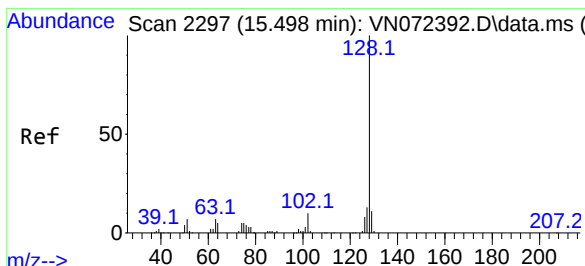
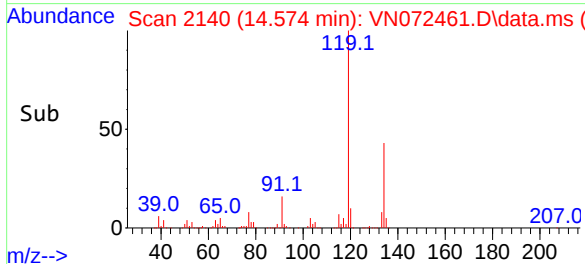
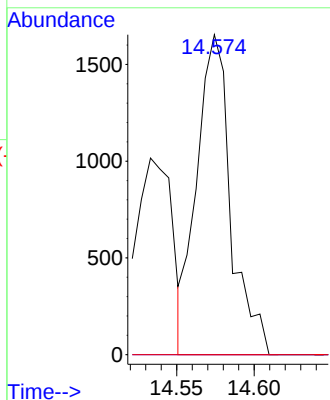
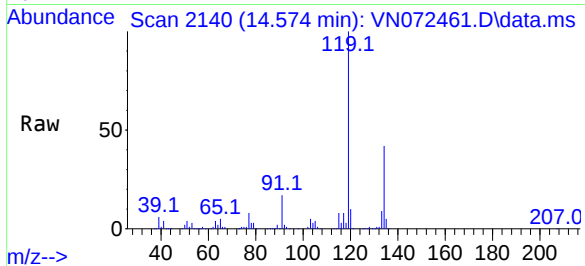




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.620 ug/l
RT: 14.574 min Scan# 2140
Delta R.T. -0.024 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Instrument :
MSVOA_N
ClientSampleId :
GES-2

Tgt Ion: 75 Resp: 2530
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#



#95
Naphthalene
Concen: 54.812 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072461.D
Acq: 12 May 2022 18:33

Tgt Ion:128 Resp: 352143
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.2 8.6 13.0

