

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072554.D
 Acq On : 19 May 2022 14:49
 Operator : JC\MD
 Sample : N2800-13DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GES-2DL

Quant Time: May 20 06:52:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	288764	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	434859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	396354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	153388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	248298	55.342	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.680%			
35) Dibromofluoromethane	8.016	113	163224	55.629	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.260%			
50) Toluene-d8	10.433	98	604699	54.446	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.900%			
62) 4-Bromofluorobenzene	12.727	95	214534	50.852	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.700%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.816	94	1350	0.590	ug/l	89
6) Chloroethane	2.922	64	80	Below Cal	#	42
10) Methyl Iodide	4.416	142	788	0.230	ug/l	# 77
11) Tert butyl alcohol	5.316	59	5483	13.360	ug/l	# 72
16) Acetone	4.293	43	3691	2.714	ug/l	# 62
18) Methyl Acetate	4.840	43	304	0.359	ug/l	# 48
25) 2-Butanone	7.334	43	4306	2.014	ug/l	# 85
31) Cyclohexane	8.086	56	16684	3.346	ug/l	# 75
36) 1,1-Dichloropropene	8.075	75	22848	5.720	ug/l	# 51
38) Carbon Tetrachloride	8.075	117	30793	6.228	ug/l	# 16
39) Methylcyclohexane	9.445	83	7567	1.623	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	2425	0.521	ug/l	90
59) 2-Hexanone	11.080	43	3659	1.130	ug/l	81
67) Ethyl Benzene	11.839	91	8793	0.625	ug/l	92
68) m/p-Xylenes	11.945	106	102407	18.921	ug/l	88
69) o-Xylene	12.274	106	112446	20.395	ug/l	91
70) Styrene	12.274	104	7605	0.896	ug/l	# 1
73) Isopropylbenzene	12.574	105	22959	1.810	ug/l	99
74) N-amyl acetate	12.380	43	2741	0.649	ug/l	# 77
76) 1,2,3-Trichloropropane	12.727	75	121600	26.243	ug/l	# 1
78) n-propylbenzene	12.916	91	14845	1.070	ug/l	96
79) 2-Chlorotoluene	13.104	91	1894	0.204	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	148158	13.471	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.727	75	121600	109.403	ug/l	# 10
82) 4-Chlorotoluene	13.104	91	1894	0.219	ug/l	97
83) tert-Butylbenzene	13.363	119	48974	5.243	ug/l	# 55
84) 1,2,4-Trimethylbenzene	13.363	105	406656	38.547	ug/l	96
85) sec-Butylbenzene	13.363	105	406656	33.522	ug/l	# 56
86) p-Isopropyltoluene	13.615	119	6817	0.683	ug/l	90
87) 1,3-Dichlorobenzene	13.615	146	1311	0.246	ug/l	92
88) 1,4-Dichlorobenzene	13.615	146	1311	0.253	ug/l	90
89) n-Butylbenzene	13.904	91	10908	1.444	ug/l	# 1
90) Hexachloroethane	14.210	117	6456	3.617	ug/l	# 9
91) 1,2-Dichlorobenzene	13.974	146	1617	0.303	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	2429	1.042	ug/l	89
94) Hexachlorobutadiene	15.368	225	547	0.374	ug/l	# 25

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Quant Title : SW846 8260
QLast Update : Thu May 19 02:22:47 2022
Response via : Initial Calibration

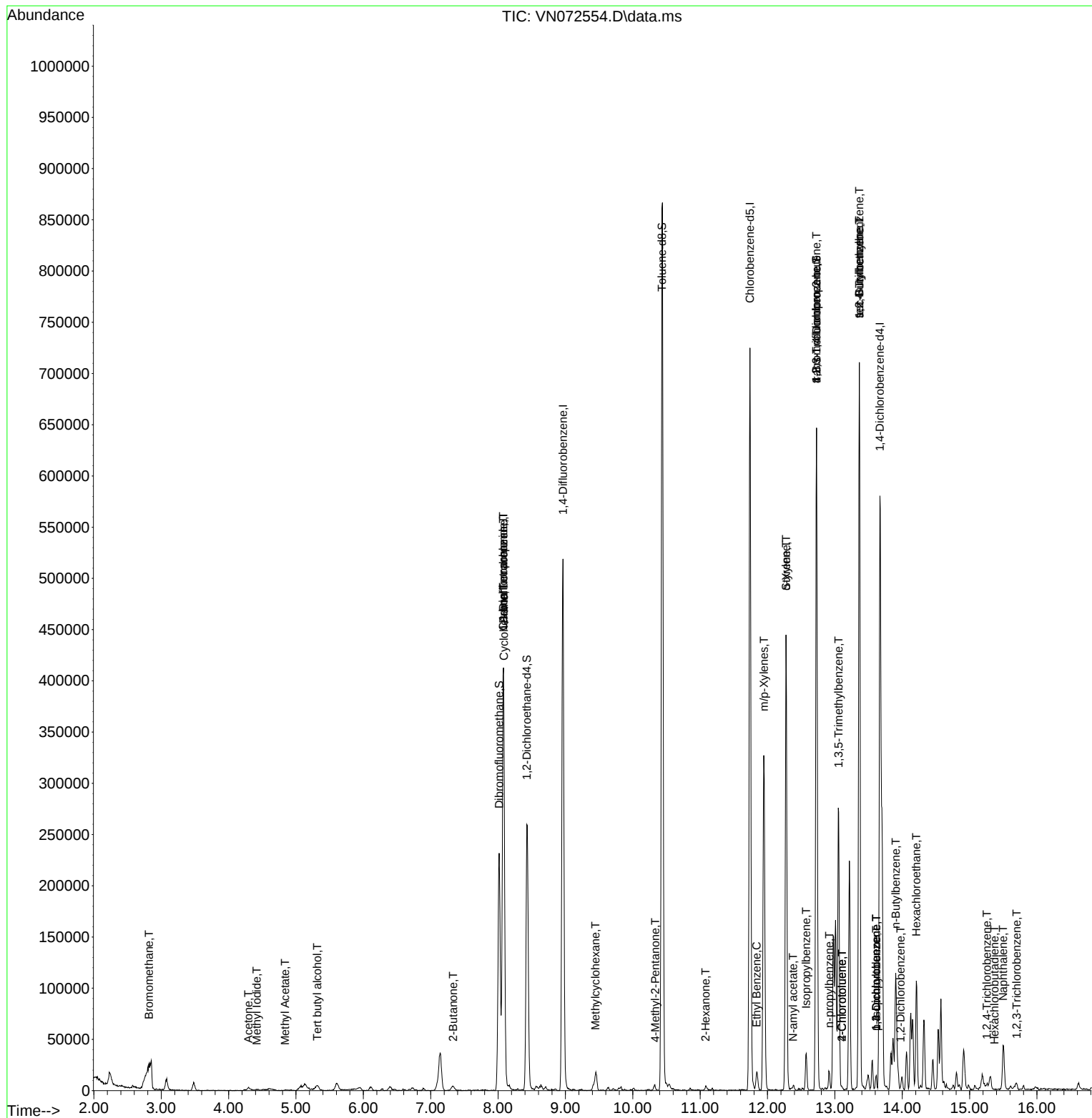
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.498	128	42991	6.362	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	2796	1.163	ug/l #	80

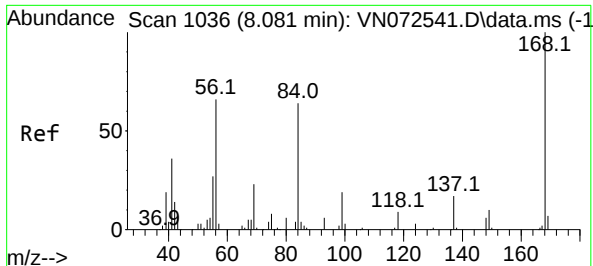
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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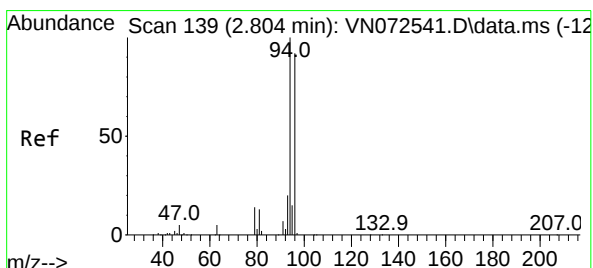
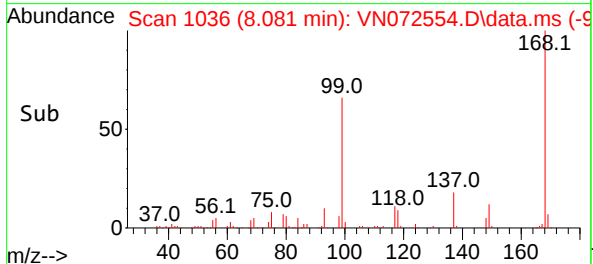
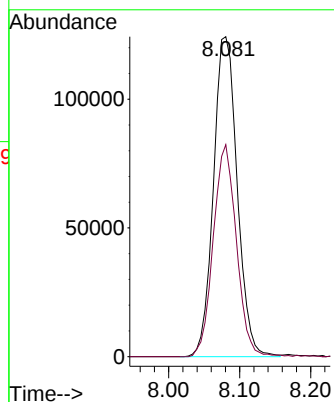
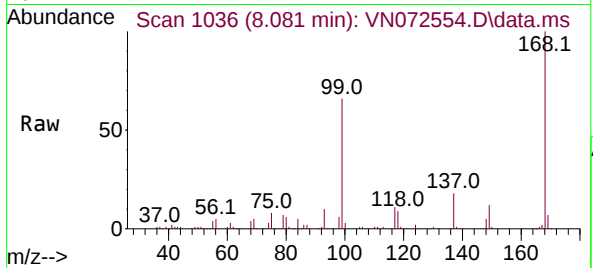




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

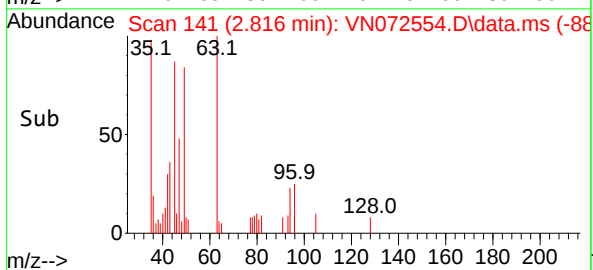
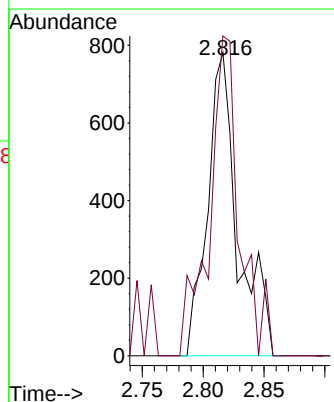
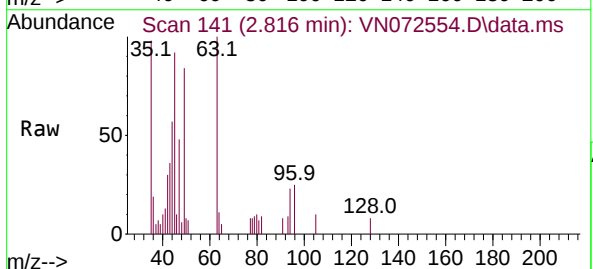
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

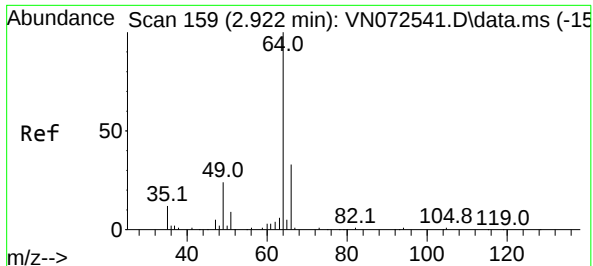
Tgt Ion:168 Resp: 288764
Ion Ratio Lower Upper
168 100
99 66.2 42.3 63.5#



#5
Bromomethane
Concen: 0.590 ug/l
RT: 2.816 min Scan# 141
Delta R.T. 0.012 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion: 94 Resp: 1350
Ion Ratio Lower Upper
94 100
96 105.5 76.0 114.0

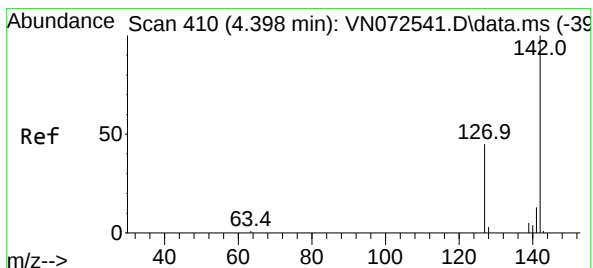
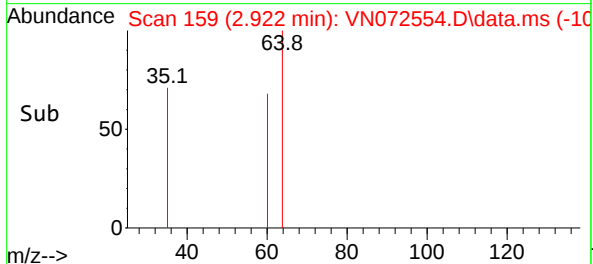
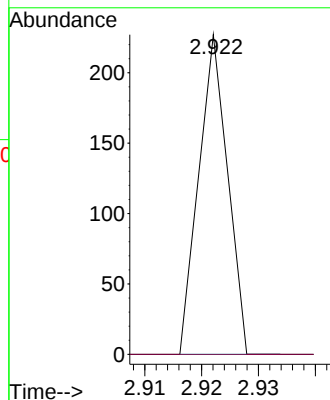
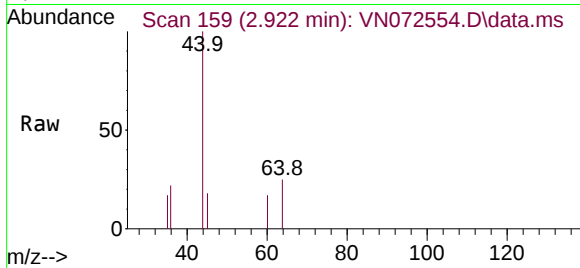




#6
Chloroethane
Concen: Below Cal
RT: 2.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

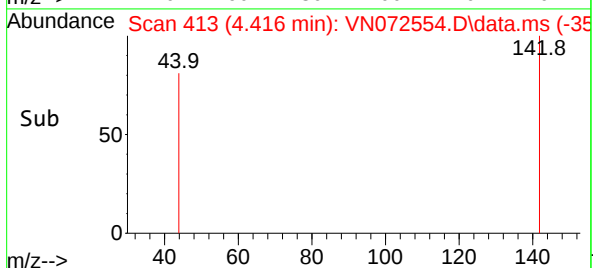
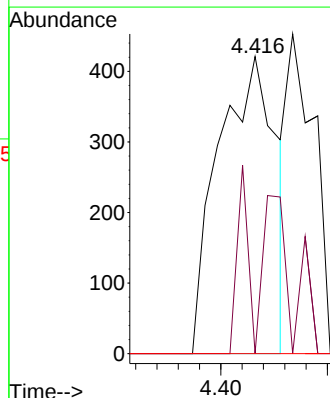
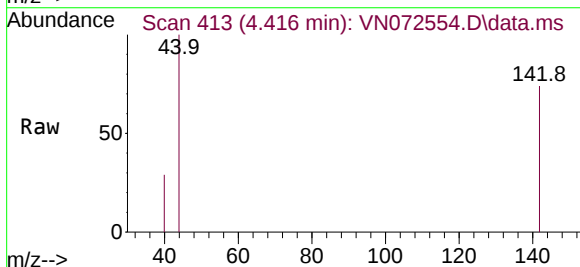
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

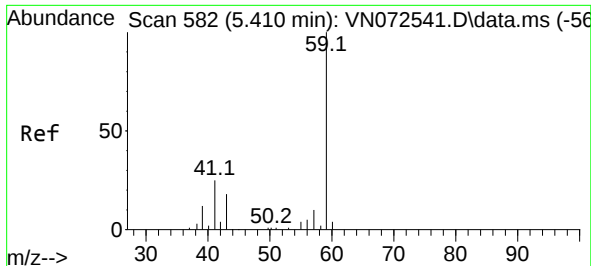
Tgt Ion: 64 Resp: 80
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 0.230 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.018 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion: 142 Resp: 788
Ion Ratio Lower Upper
142 100
127 27.4 31.3 46.9#
141 0.0 11.2 16.8#

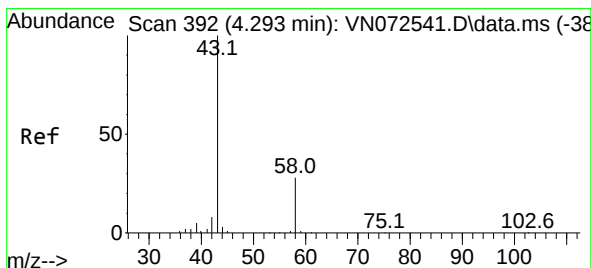
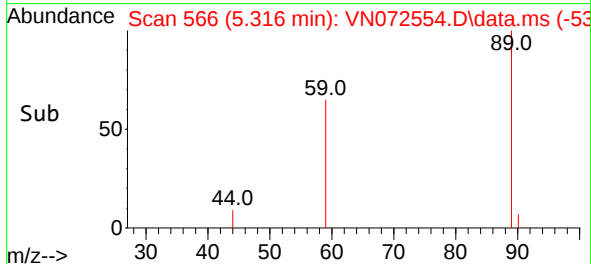
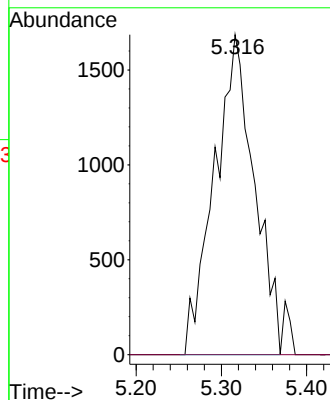
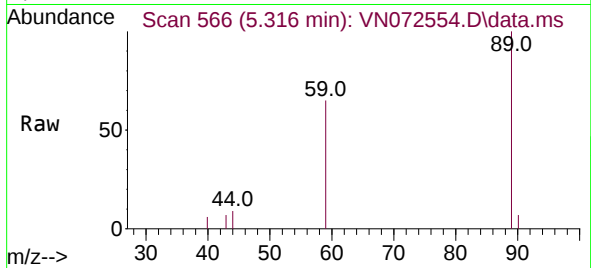




#11
Tert butyl alcohol
Concen: 13.360 ug/l
RT: 5.316 min Scan# 50
Delta R.T. -0.094 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

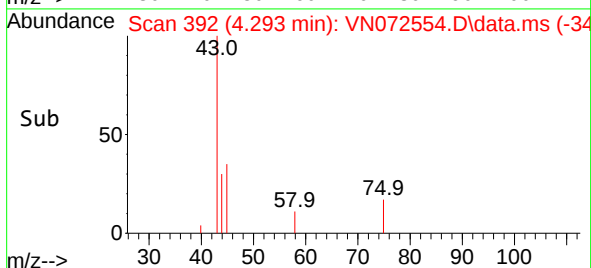
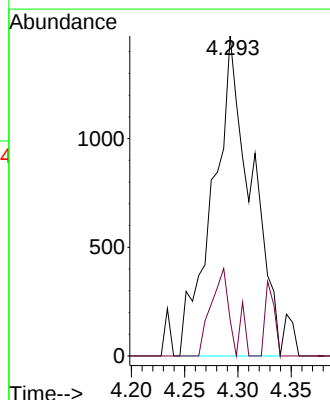
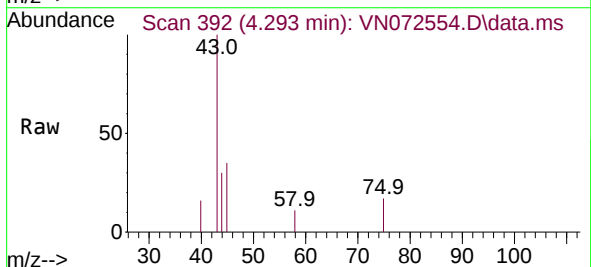
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

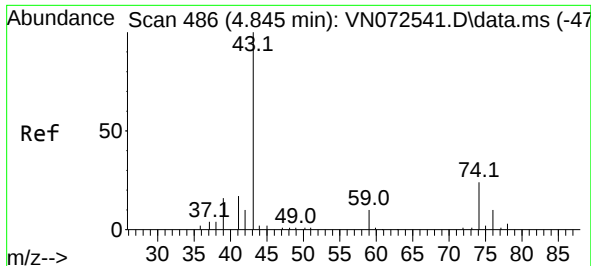
Tgt Ion: 59 Resp: 5483
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 2.714 ug/l
RT: 4.293 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion: 43 Resp: 3691
Ion Ratio Lower Upper
43 100
58 11.3 26.0 39.0#





#18

Methyl Acetate

Concen: 0.359 ug/l

RT: 4.840 min Scan# 41

Delta R.T. -0.005 min

Lab File: VN072554.D

Acq: 19 May 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

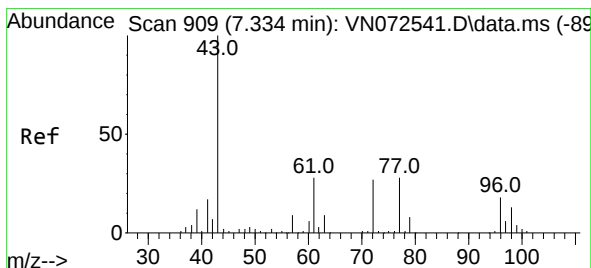
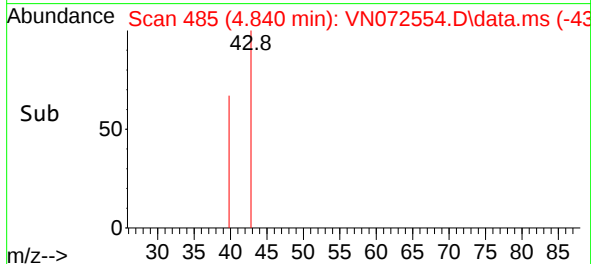
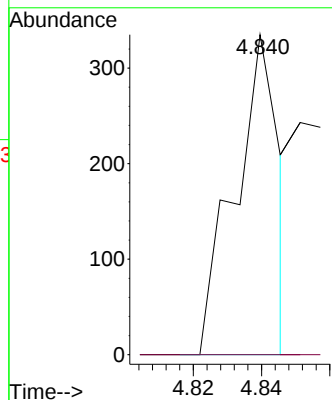
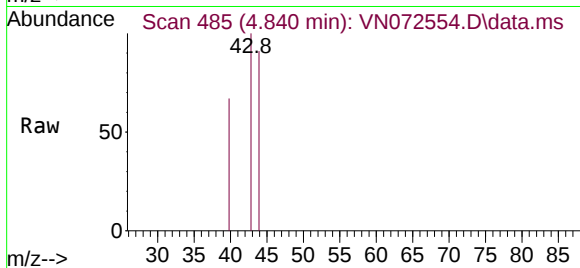
GES-2DL

Tgt Ion: 43 Resp: 304

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#25

2-Butanone

Concen: 2.014 ug/l

RT: 7.334 min Scan# 909

Delta R.T. -0.000 min

Lab File: VN072554.D

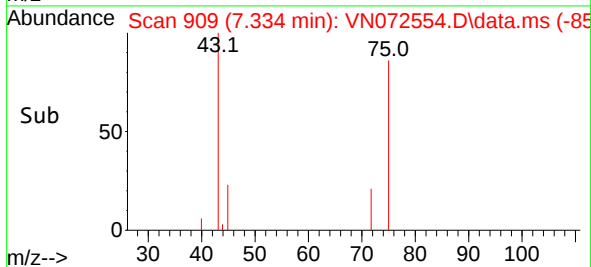
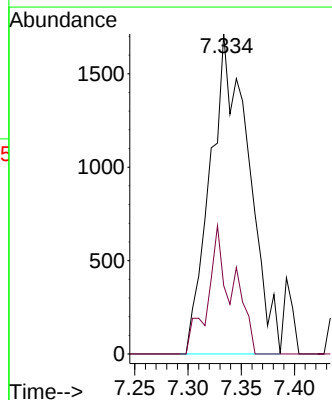
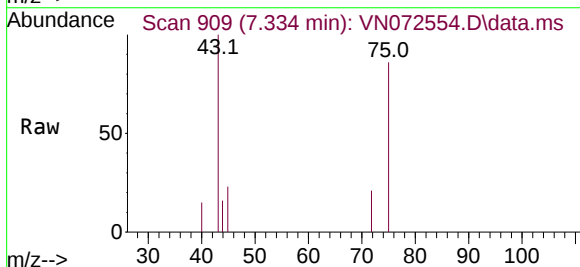
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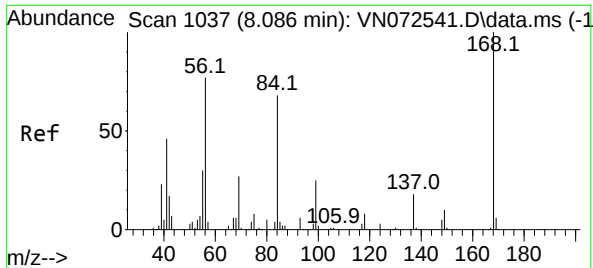
Tgt Ion: 43 Resp: 4306

Ion Ratio Lower Upper

43 100

72 21.4 23.7 35.5#

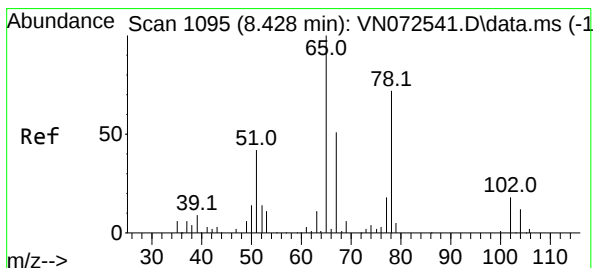
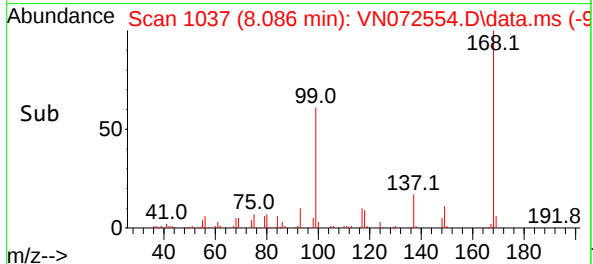
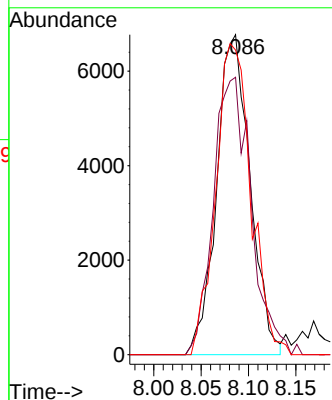
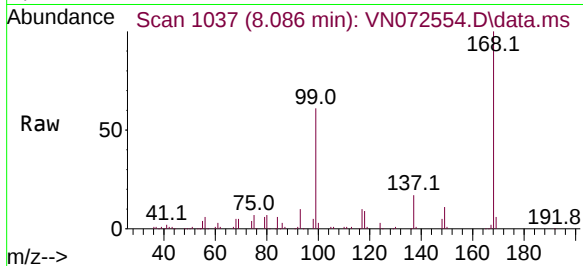




#31
Cyclohexane
Concen: 3.346 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

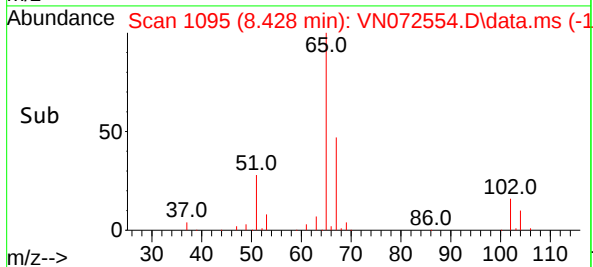
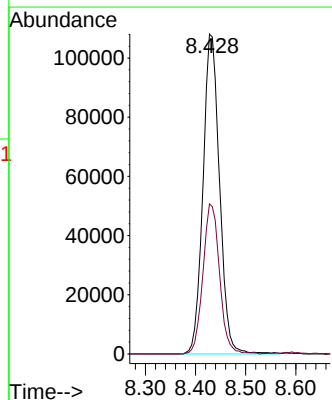
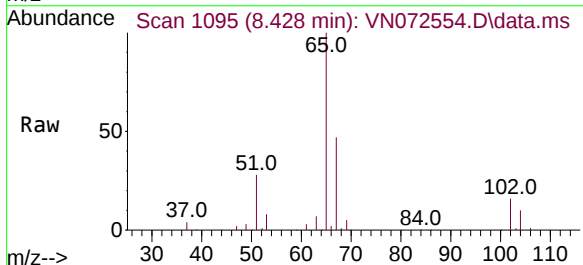
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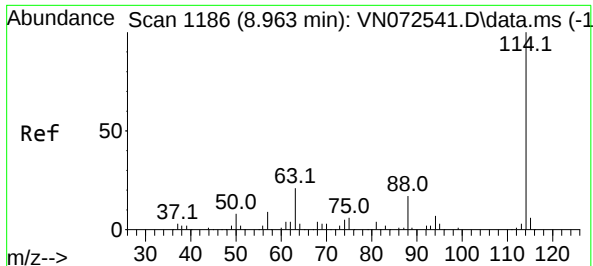
Tgt Ion: 56 Resp: 16684
Ion Ratio Lower Upper
56 100
69 86.7 27.8 41.8#
84 95.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 55.342 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion: 65 Resp: 248298
Ion Ratio Lower Upper
65 100
67 47.1 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: VN072554.D

Acq: 19 May 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

GES-2DL

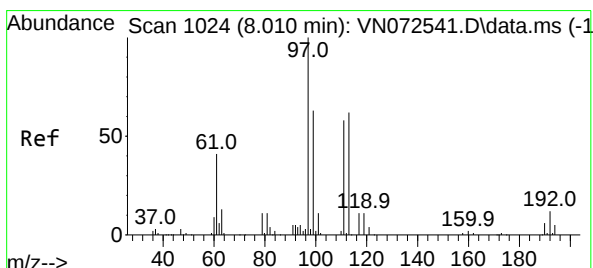
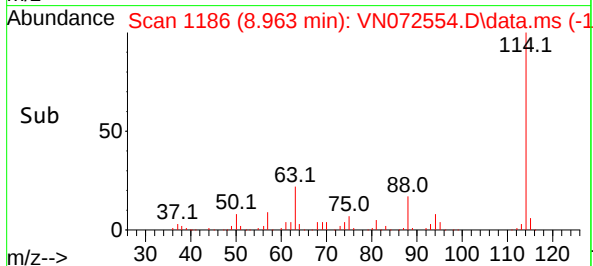
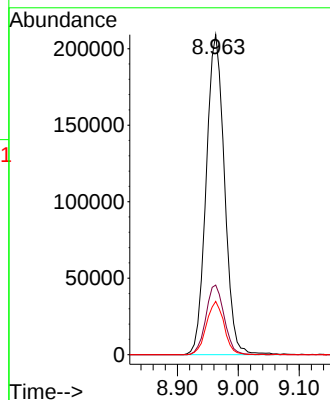
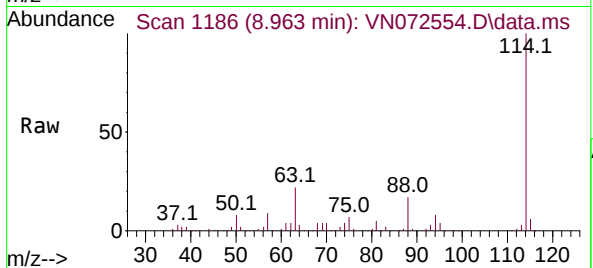
Tgt Ion:114 Resp: 434859

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 16.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.629 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072554.D

Acq: 19 May 2022 14:49

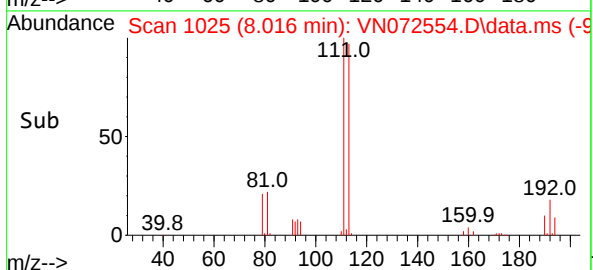
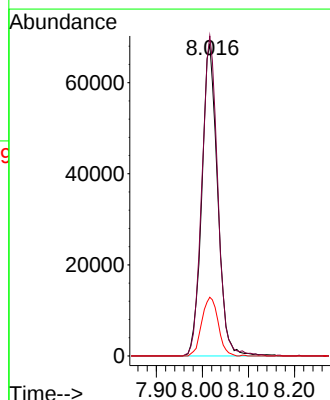
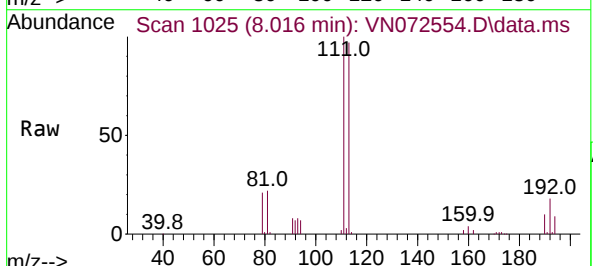
Tgt Ion:113 Resp: 163224

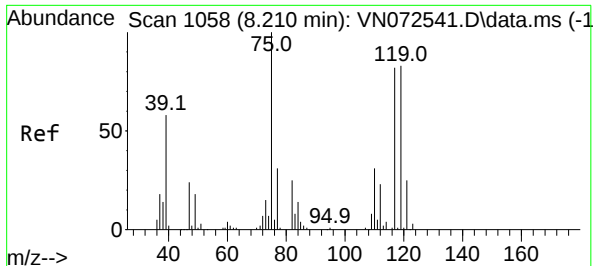
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 19.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.720 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.135 min

Lab File: VN072554.D

Acq: 19 May 2022 14:49

Instrument :

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GES-2DL

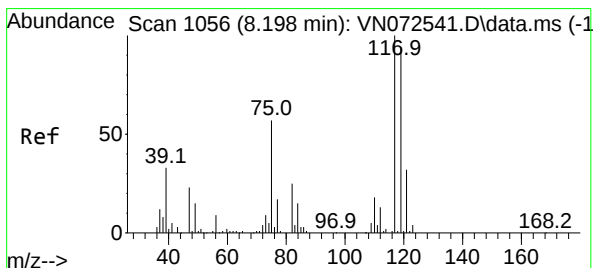
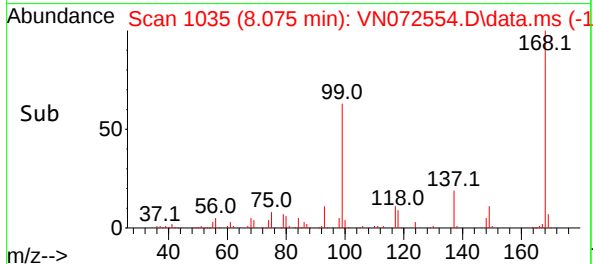
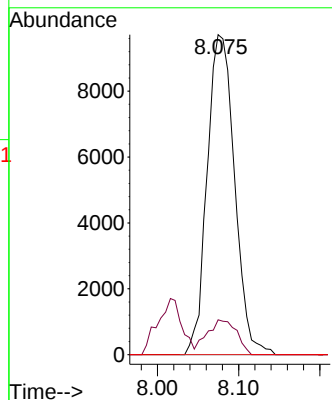
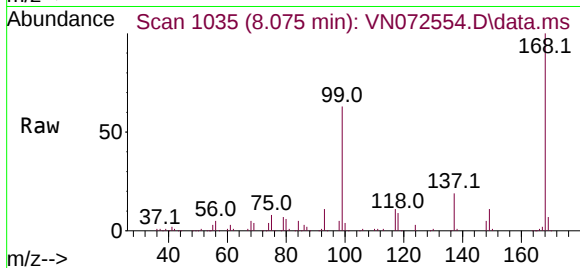
Tgt Ion: 75 Resp: 22848

Ion Ratio Lower Upper

75 100

110 11.7 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.228 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.123 min

Lab File: VN072554.D

Acq: 19 May 2022 14:49

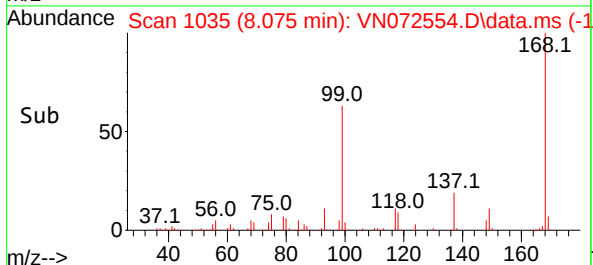
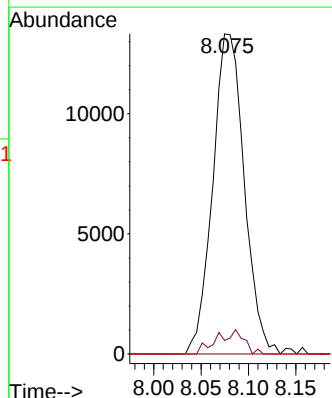
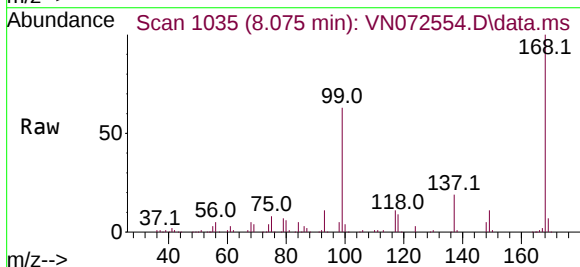
Tgt Ion: 117 Resp: 30793

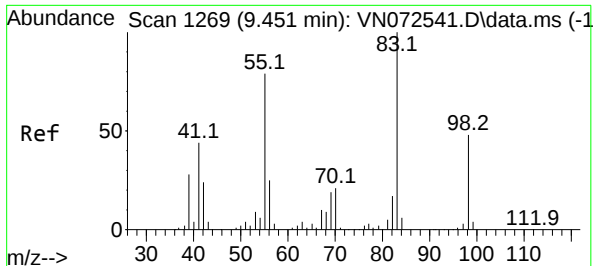
Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.8#

121 0.0 24.6 37.0#

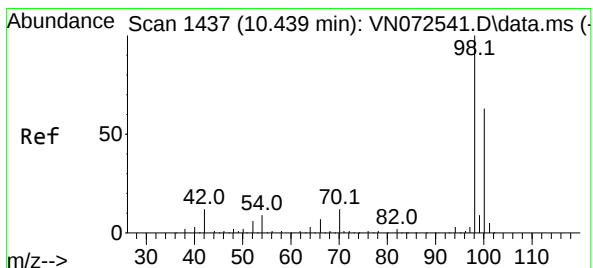
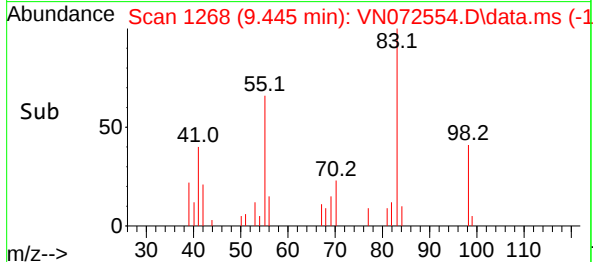
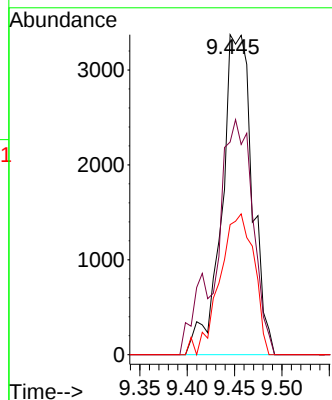
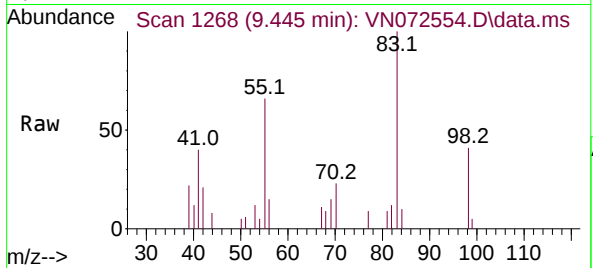




#39
Methylcyclohexane
Concen: 1.623 ug/l
RT: 9.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

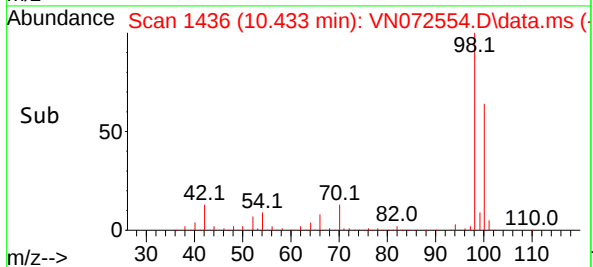
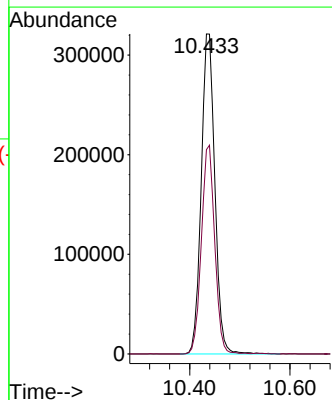
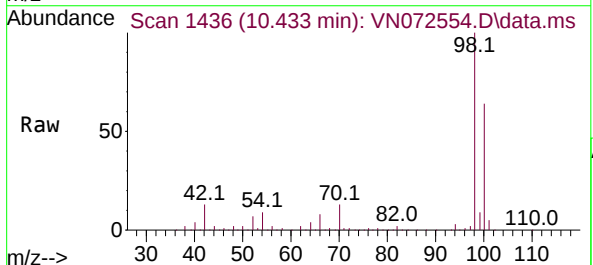
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

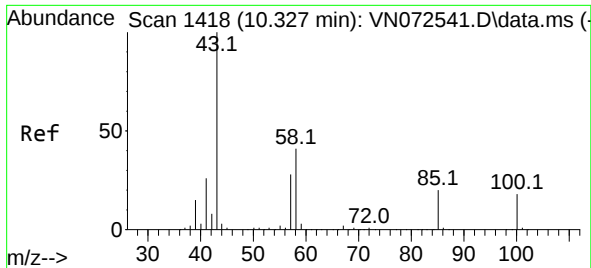
Tgt Ion: 83 Resp: 7567
Ion Ratio Lower Upper
83 100
55 66.4 57.8 86.8
98 40.7 39.4 59.2



#50
Toluene-d8
Concen: 54.446 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion: 98 Resp: 604699
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

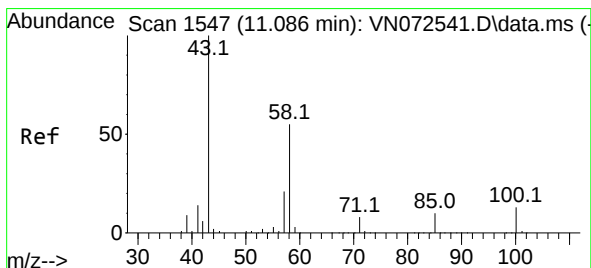
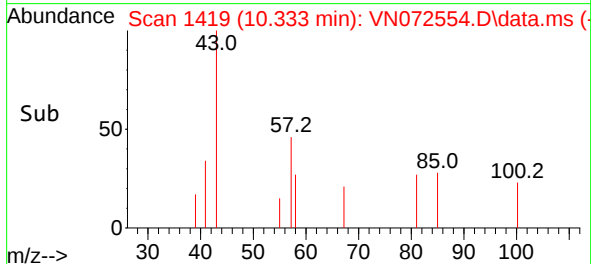
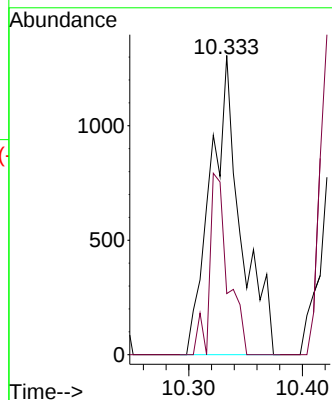
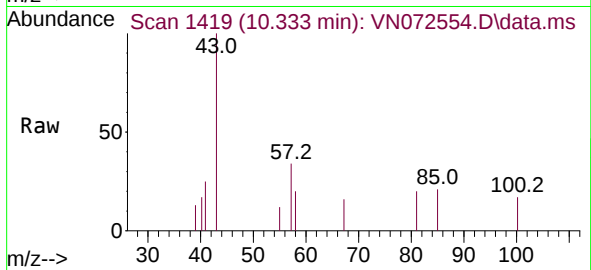




#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

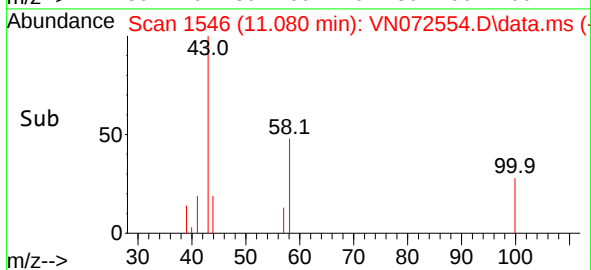
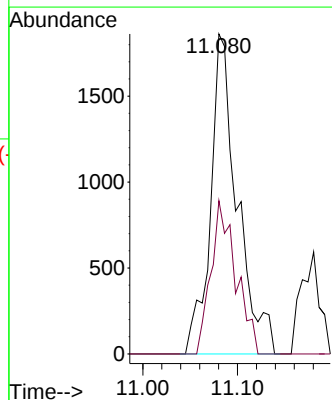
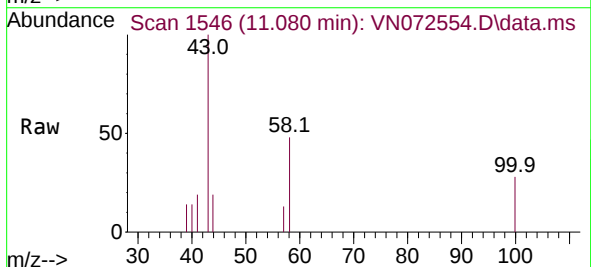
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

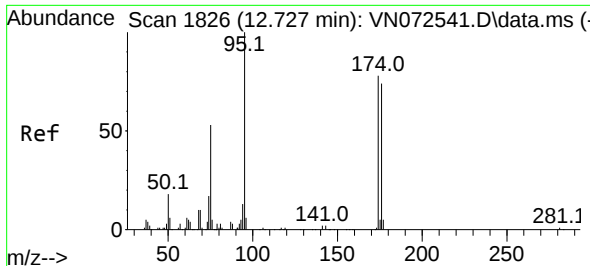
Tgt Ion: 43 Resp: 2425
Ion Ratio Lower Upper
43 100
58 36.4 34.1 51.1



#59
2-Hexanone
Concen: 1.130 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.006 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion: 43 Resp: 3659
Ion Ratio Lower Upper
43 100
58 44.8 29.7 89.1

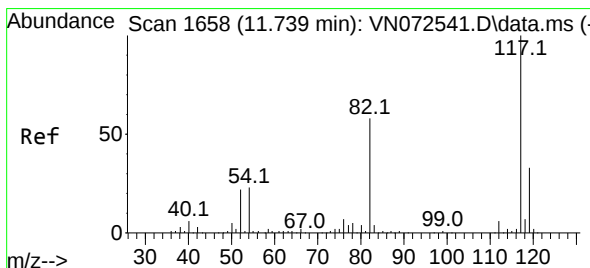
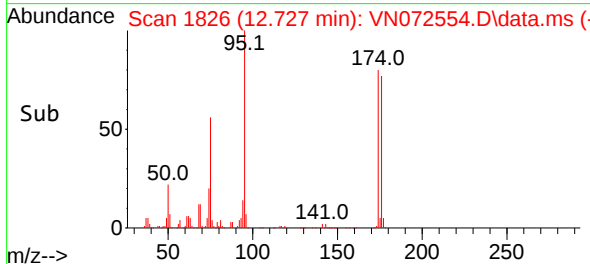
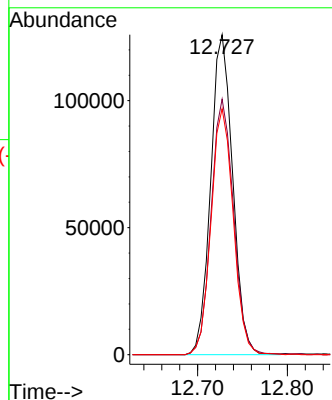
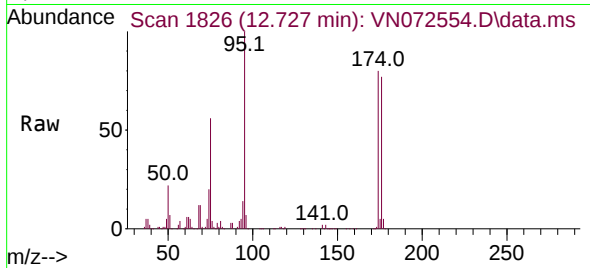




#62
4-Bromofluorobenzene
Concen: 50.852 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

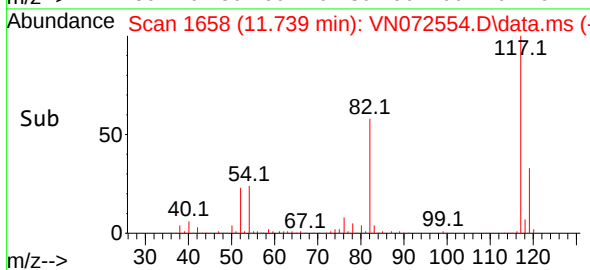
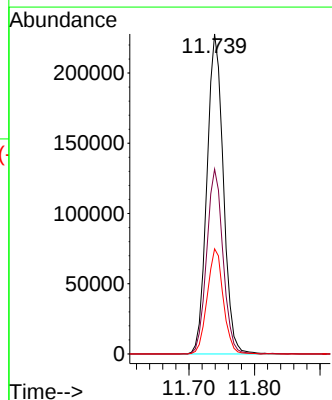
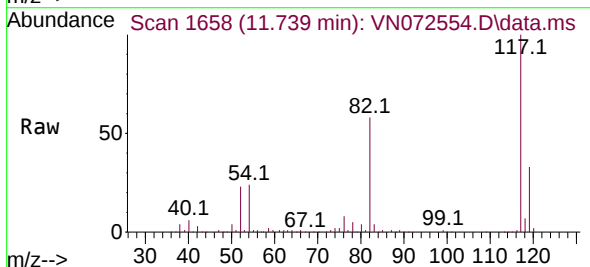
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

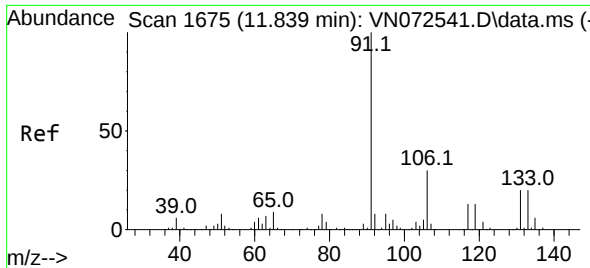
Tgt Ion: 95 Resp: 214534
Ion Ratio Lower Upper
95 100
174 81.2 0.0 167.6
176 77.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion: 117 Resp: 396354
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.2
119 32.9 25.4 38.0

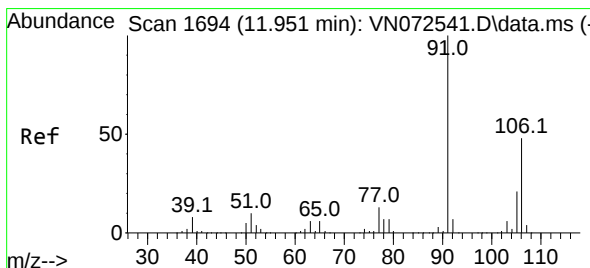
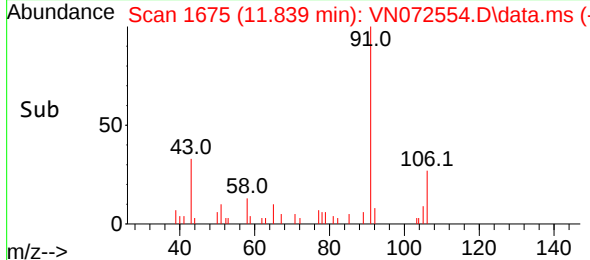
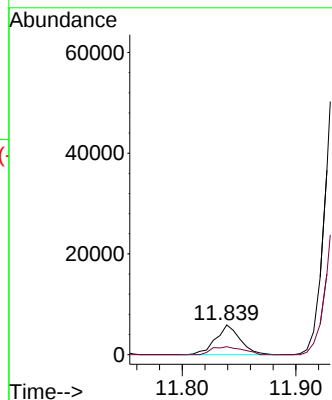
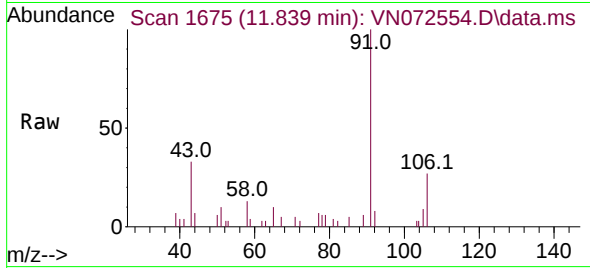




#67
Ethyl Benzene
Concen: 0.625 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

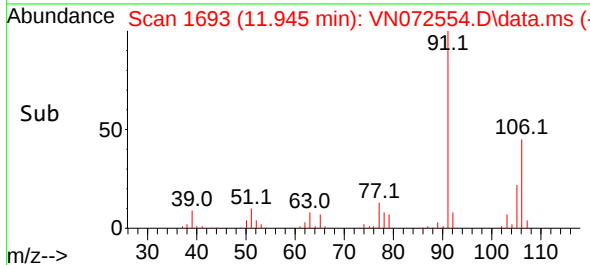
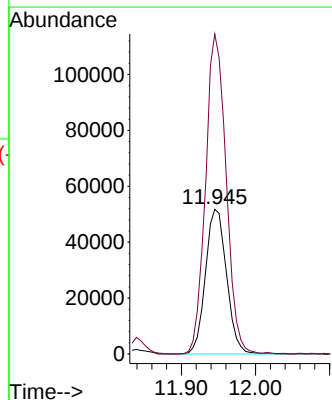
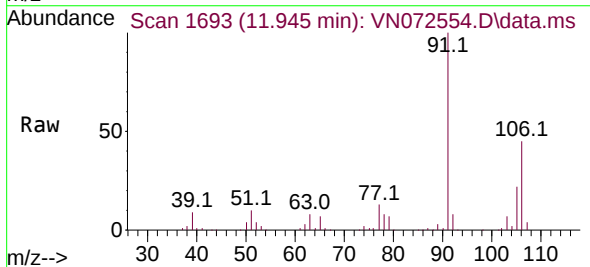
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

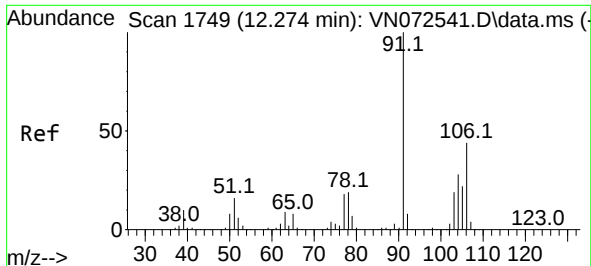
Tgt Ion: 91 Resp: 8793
Ion Ratio Lower Upper
91 100
106 26.8 24.9 37.3



#68
m/p-Xylenes
Concen: 18.921 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion: 106 Resp: 102407
Ion Ratio Lower Upper
106 100
91 216.1 158.9 238.3

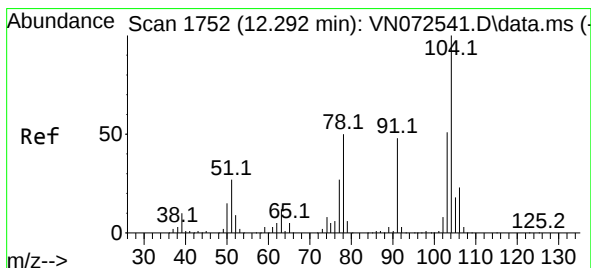
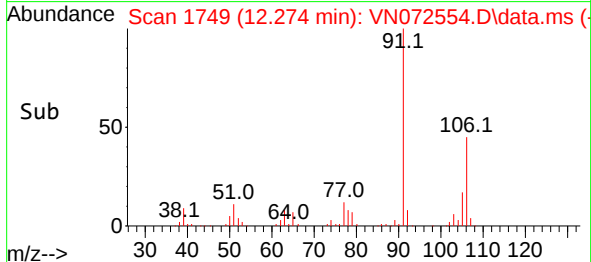
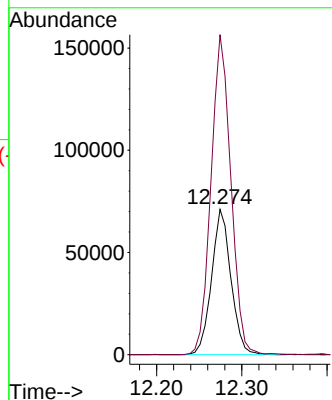
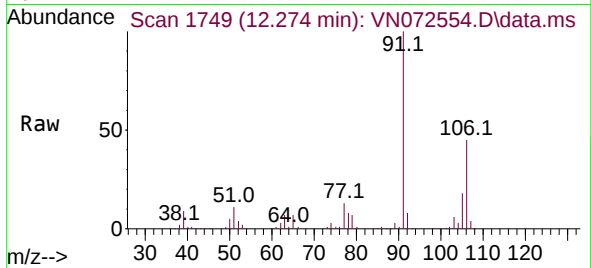




#69
o-Xylene
Concen: 20.395 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

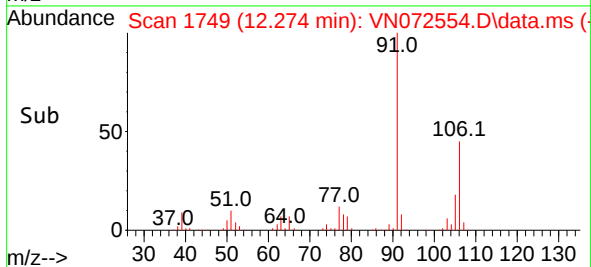
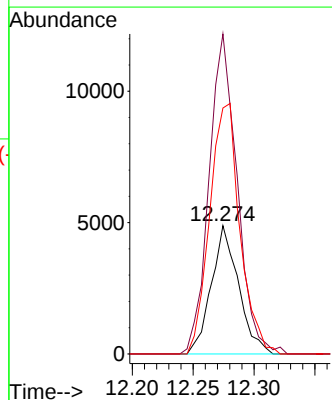
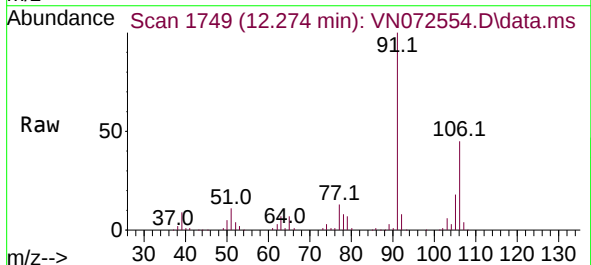
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

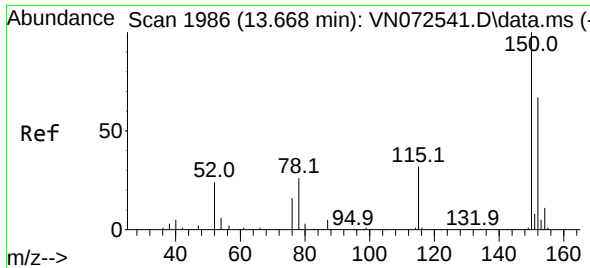
Tgt Ion:106 Resp: 112446
Ion Ratio Lower Upper
106 100
91 225.8 106.0 318.0



#70
Styrene
Concen: 0.896 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.018 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion:104 Resp: 7605
Ion Ratio Lower Upper
104 100
78 257.4 39.5 59.3#
103 216.4 44.0 66.0#

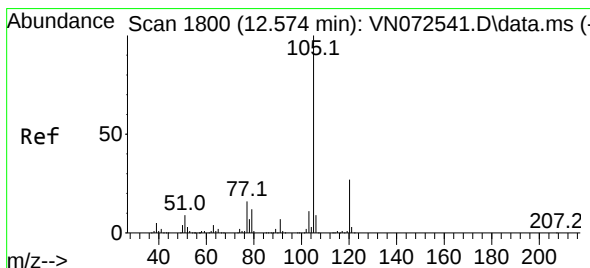
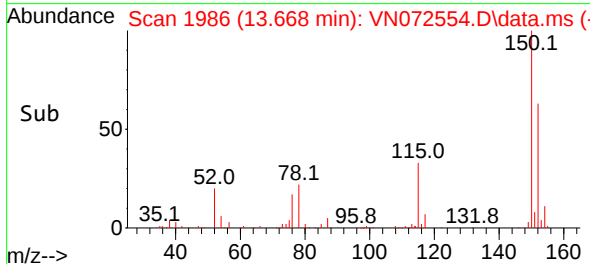
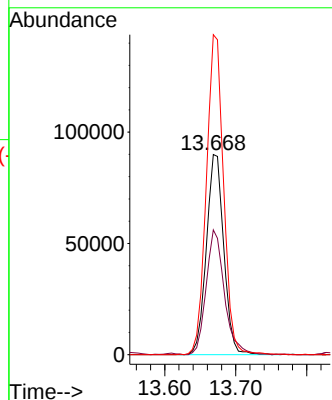
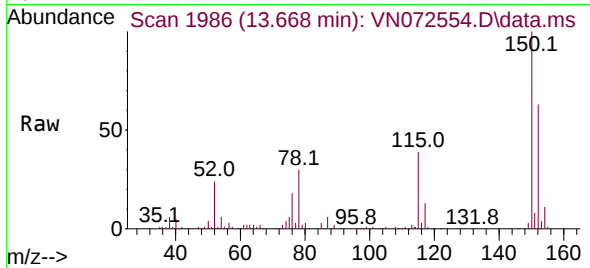




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

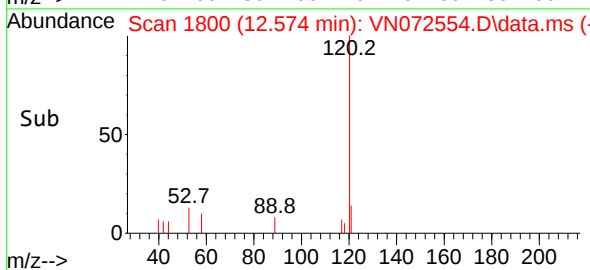
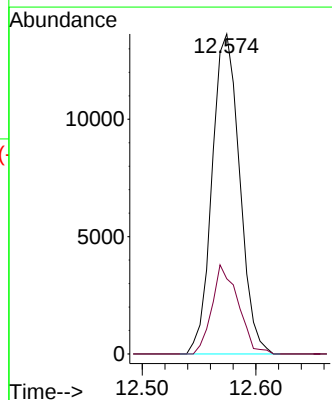
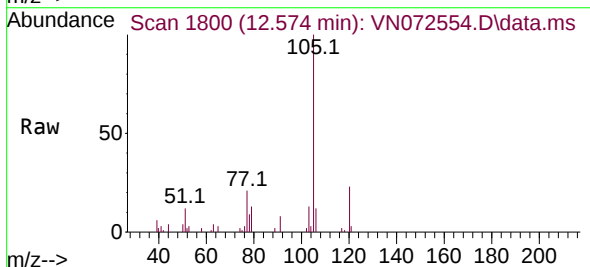
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

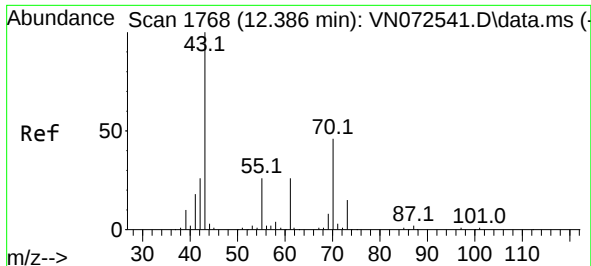
Tgt Ion:152 Resp: 153388
Ion Ratio Lower Upper
152 100
115 65.5 28.9 86.7
150 158.3 0.0 356.2



#73
Isopropylbenzene
Concen: 1.810 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion:105 Resp: 22959
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

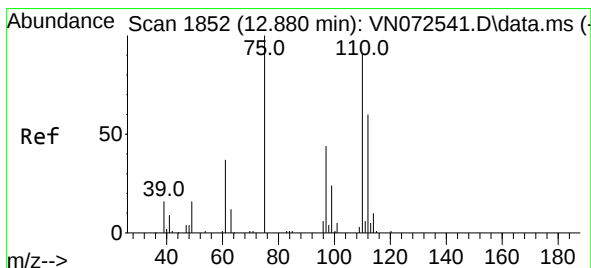
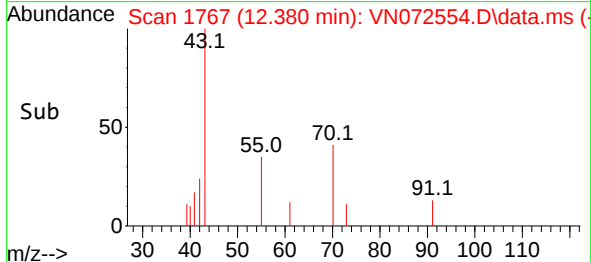
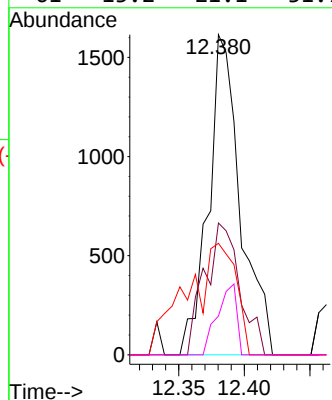
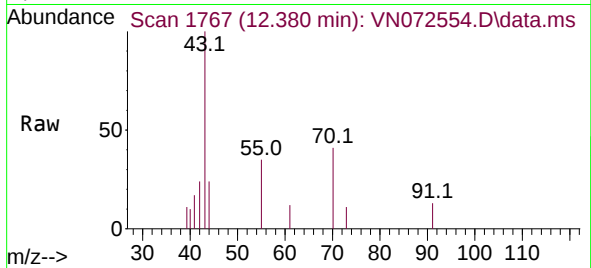




#74
N-amy1 acetate
Concen: 0.649 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

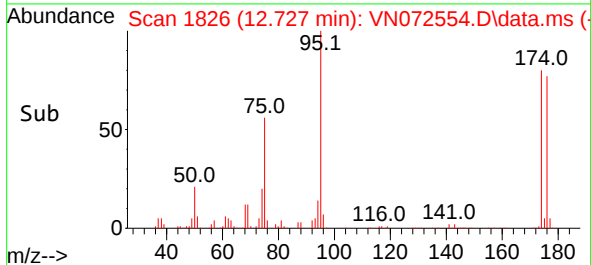
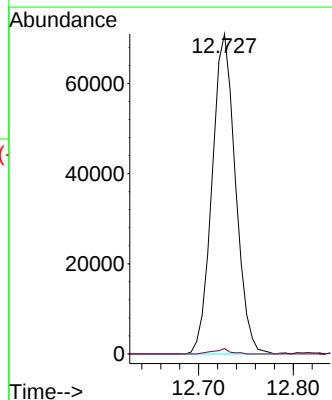
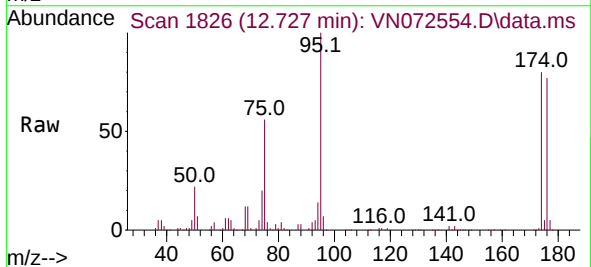
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

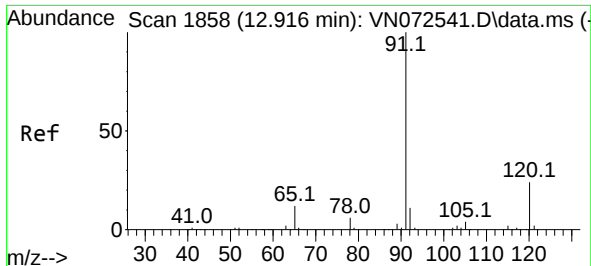
Tgt Ion:	43	Resp:	2741
Ion	Ratio	Lower	Upper
43	100		
70	45.1	39.0	58.4
55	53.7	21.1	31.7#
61	13.2	21.1	31.7#



#76
1,2,3-Trichloropropane
Concen: 26.243 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.153 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion:	75	Resp:	121600
Ion	Ratio	Lower	Upper
75	100		
77	1.2	98.5	295.5#

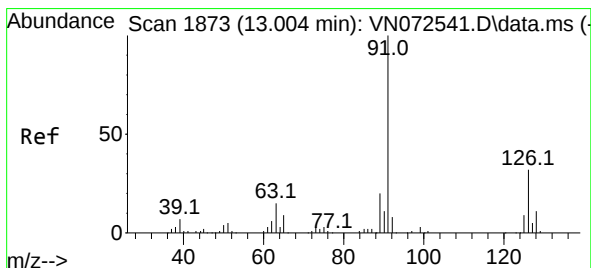
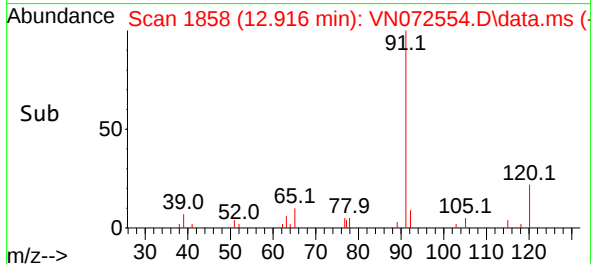
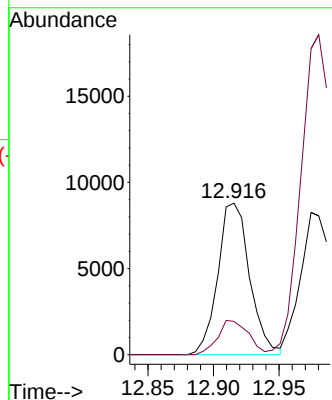
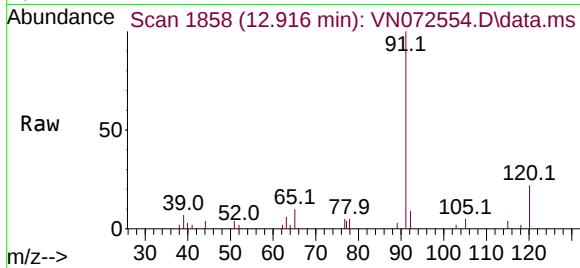




#78
n-propylbenzene
Concen: 1.070 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

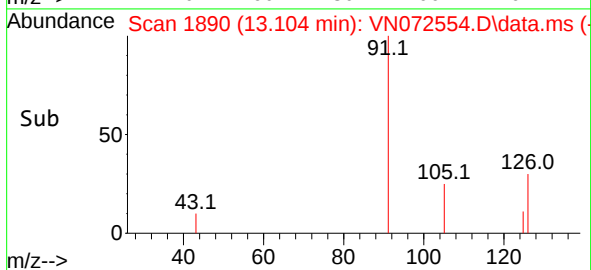
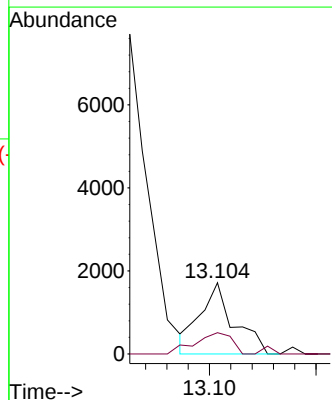
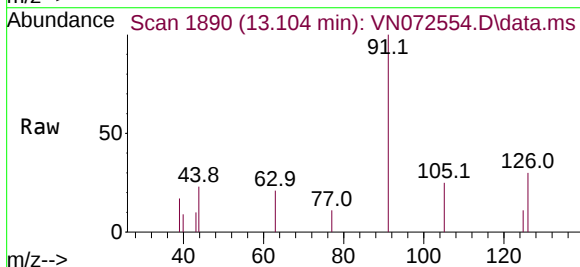
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

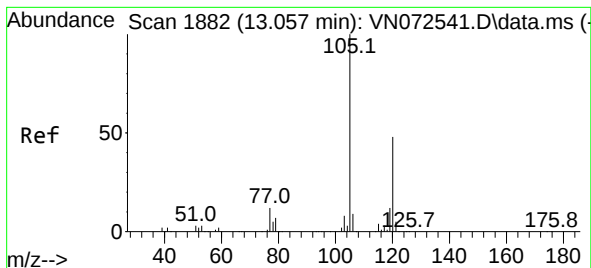
Tgt Ion: 91 Resp: 14845
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.204 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.100 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion: 91 Resp: 1894
Ion Ratio Lower Upper
91 100
126 32.5 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 13.471 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. -0.000 min

Lab File: VN072554.D

Acq: 19 May 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

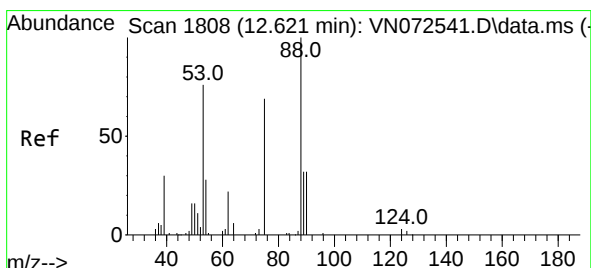
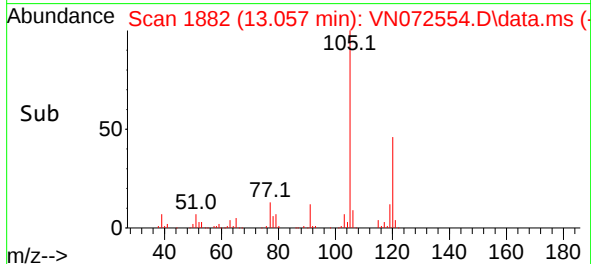
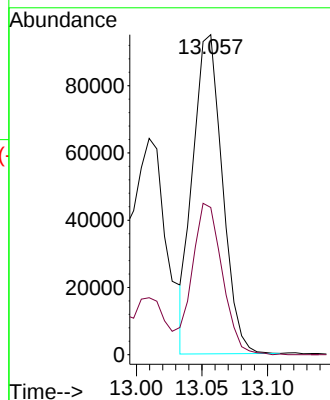
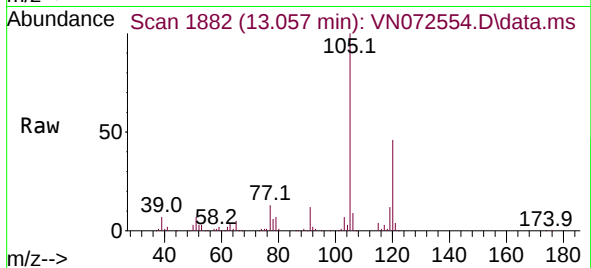
GES-2DL

Tgt Ion:105 Resp: 148158

Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 109.403 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.106 min

Lab File: VN072554.D

Acq: 19 May 2022 14:49

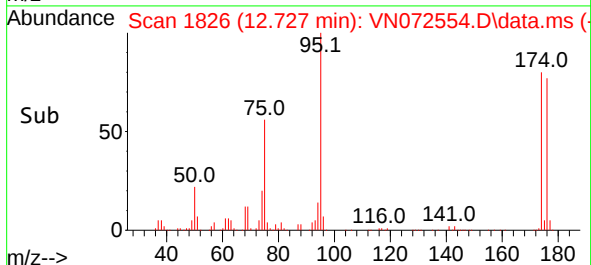
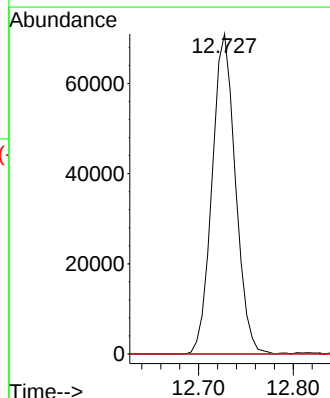
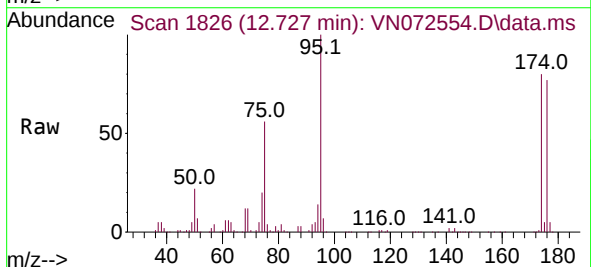
Tgt Ion: 75 Resp: 121600

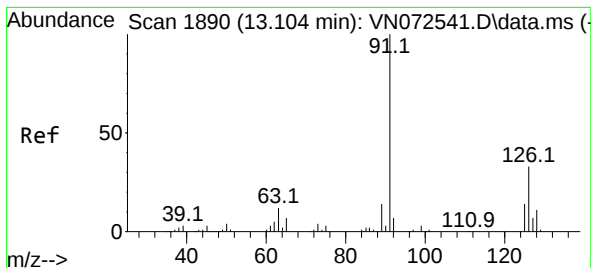
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#

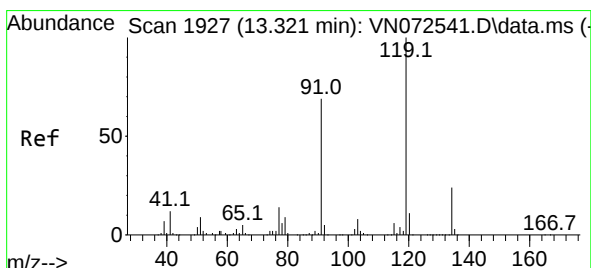
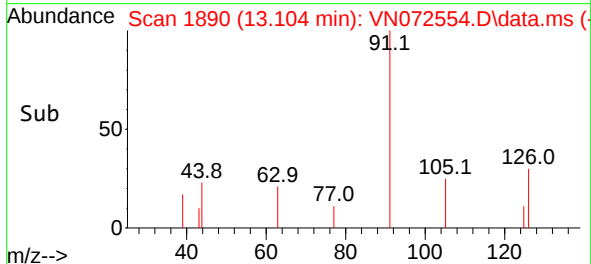
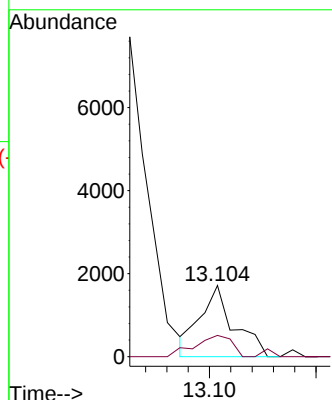
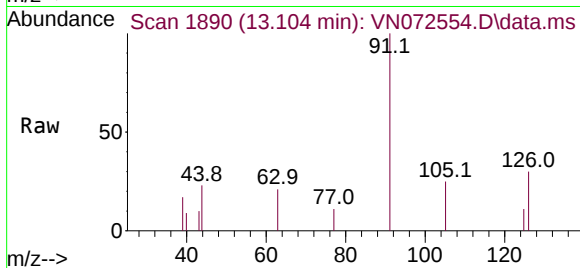




#82
4-Chlorotoluene
Concen: 0.219 ug/l
RT: 13.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

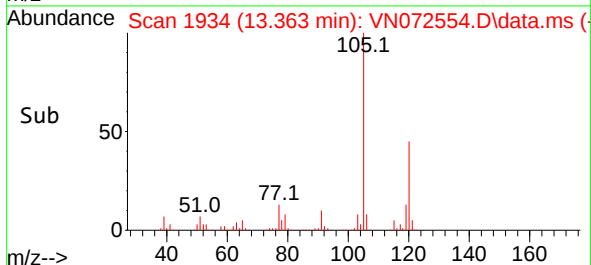
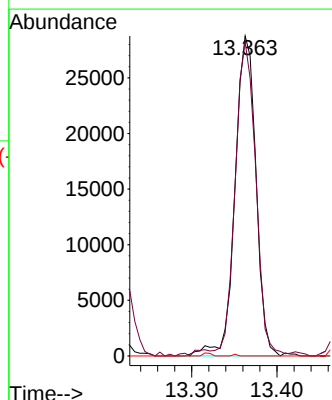
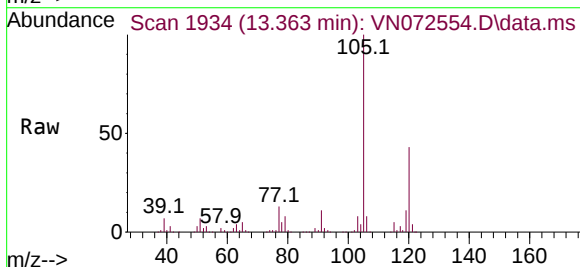
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

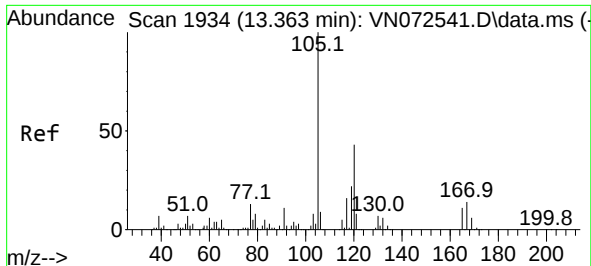
Tgt Ion: 91 Resp: 1894
Ion Ratio Lower Upper
91 100
126 32.5 17.2 51.6



#83
tert-Butylbenzene
Concen: 5.243 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.042 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion: 119 Resp: 48974
Ion Ratio Lower Upper
119 100
91 95.1 31.6 94.8#
134 0.0 13.7 41.1#

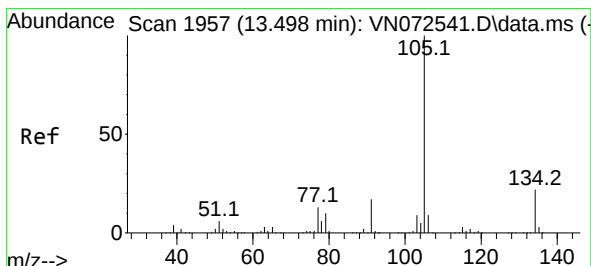
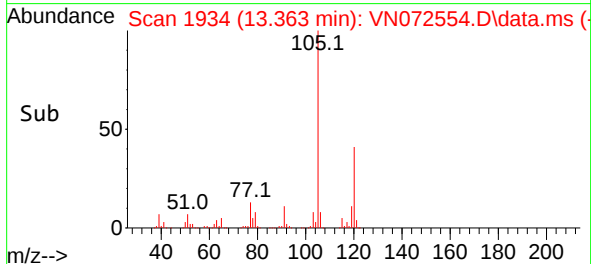
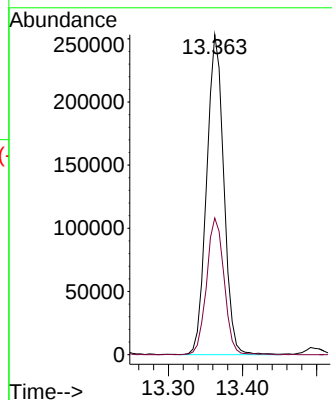
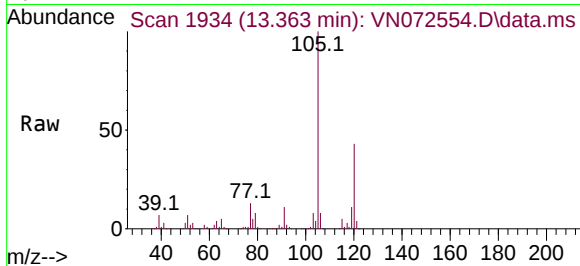




#84
1,2,4-Trimethylbenzene
Concen: 38.547 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

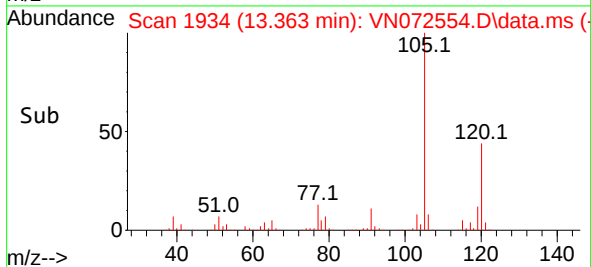
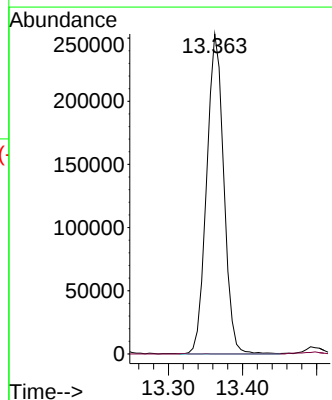
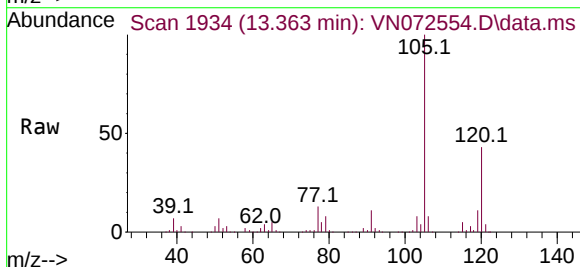
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

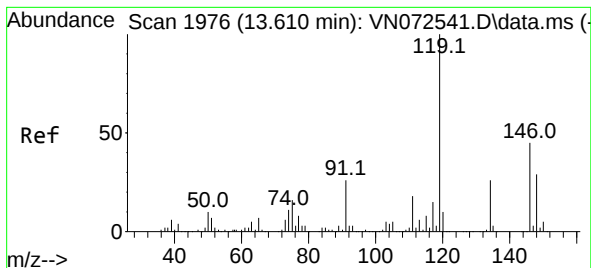
Tgt Ion:105 Resp: 406656
Ion Ratio Lower Upper
105 100
120 43.6 23.3 69.8



#85
sec-Butylbenzene
Concen: 33.522 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.135 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion:105 Resp: 406656
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#86

p-Isopropyltoluene

Concen: 0.683 ug/l

RT: 13.615 min Scan# 1977

Delta R.T. 0.005 min

Lab File: VN072554.D

Acq: 19 May 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

GES-2DL

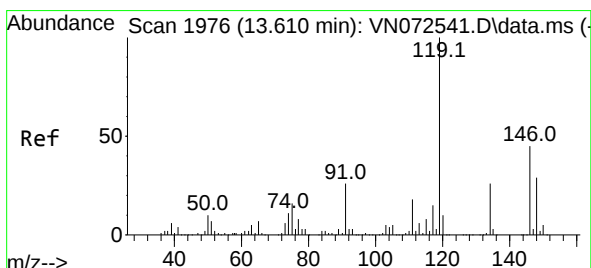
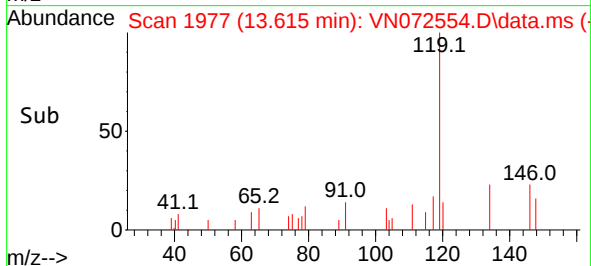
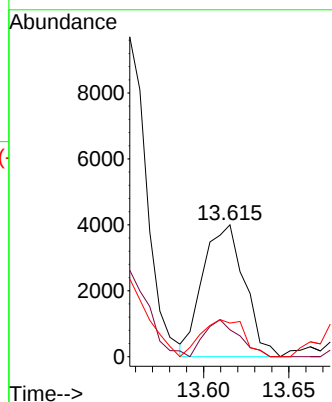
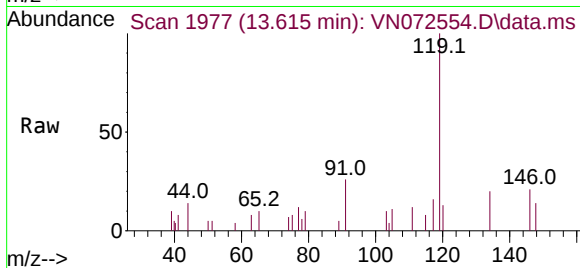
Tgt Ion:119 Resp: 6817

Ion Ratio Lower Upper

119 100

134 23.2 13.3 39.8

91 28.9 11.3 33.9



#87

1,3-Dichlorobenzene

Concen: 0.246 ug/l

RT: 13.615 min Scan# 1977

Delta R.T. 0.005 min

Lab File: VN072554.D

Acq: 19 May 2022 14:49

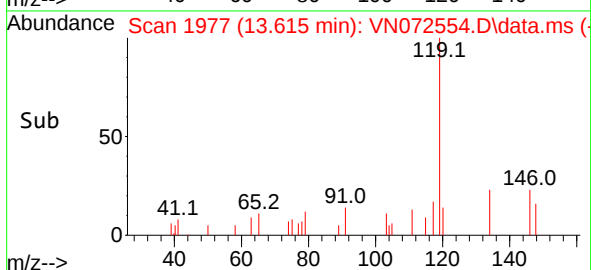
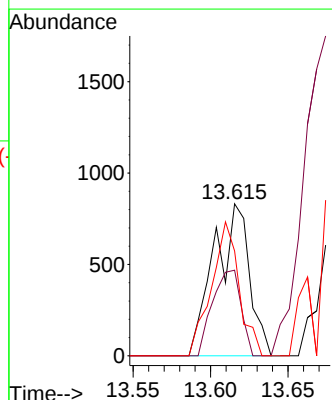
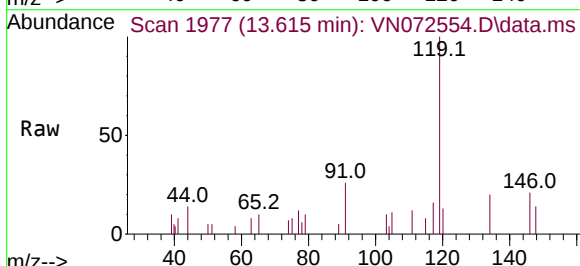
Tgt Ion:146 Resp: 1311

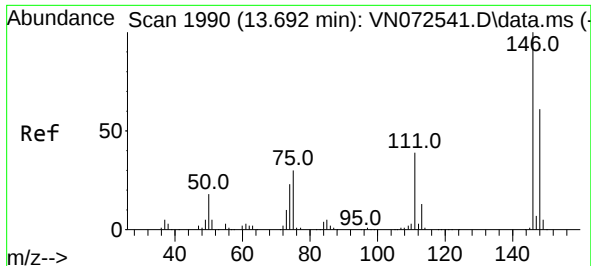
Ion Ratio Lower Upper

146 100

111 45.5 20.0 60.0

148 69.3 32.0 96.0

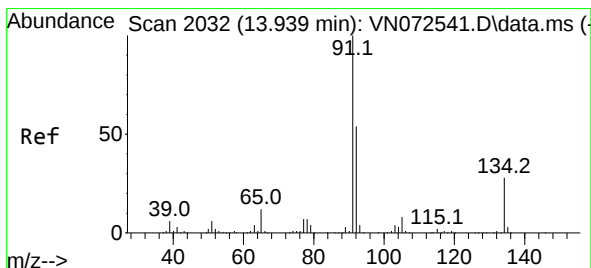
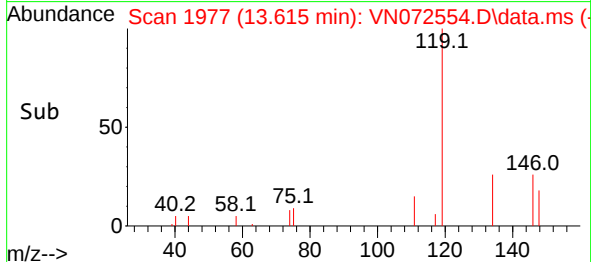
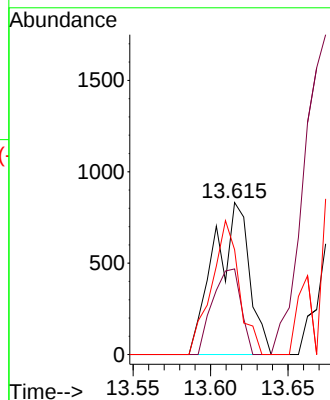
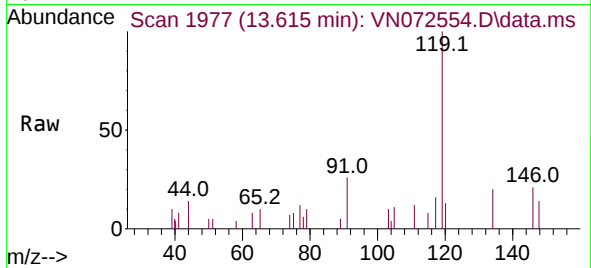




#88
1,4-Dichlorobenzene
Concen: 0.253 ug/l
RT: 13.615 min Scan# 1990
Delta R.T. -0.077 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

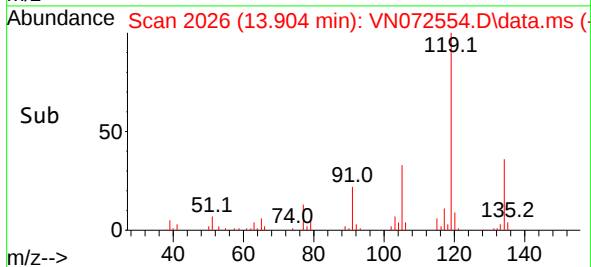
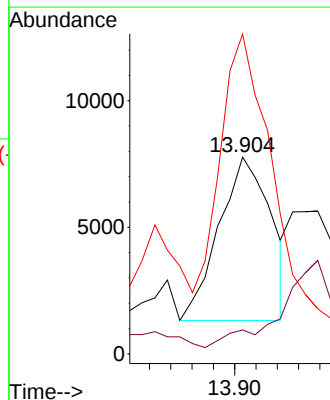
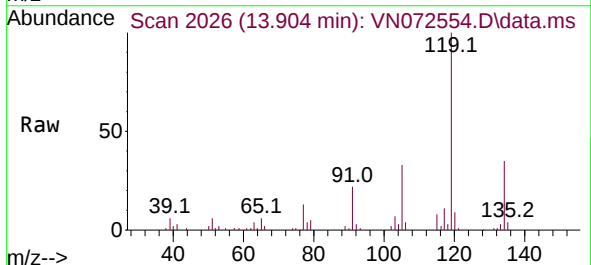
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

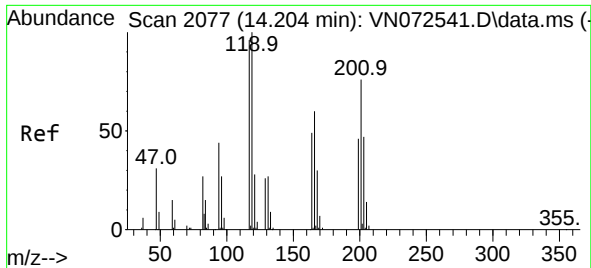
Tgt Ion:146 Resp: 1311
Ion Ratio Lower Upper
146 100
111 45.5 19.1 57.1
148 69.3 31.4 94.3



#89
n-Butylbenzene
Concen: 1.444 ug/l
RT: 13.904 min Scan# 2026
Delta R.T. -0.035 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion: 91 Resp: 10908
Ion Ratio Lower Upper
91 100
92 0.0 26.9 80.7#
134 224.7 13.6 40.8#

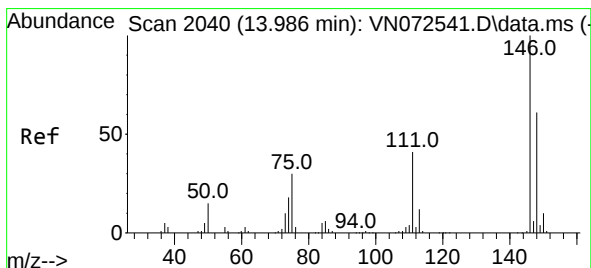
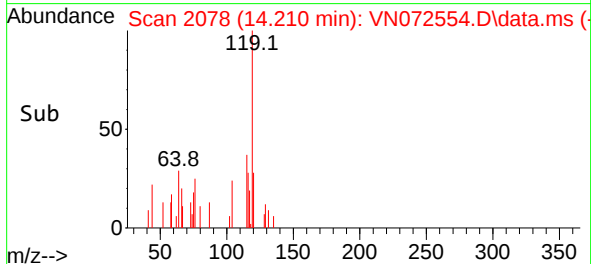
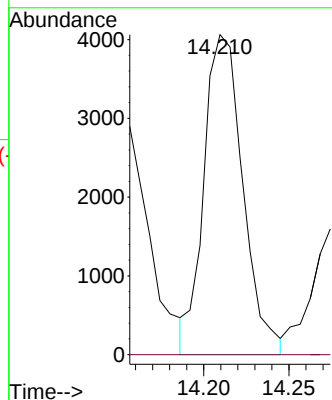
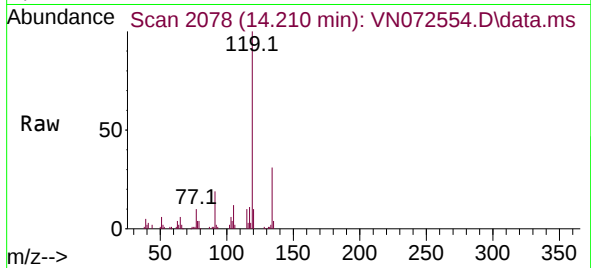




#90
Hexachloroethane
Concen: 3.617 ug/l
RT: 14.210 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

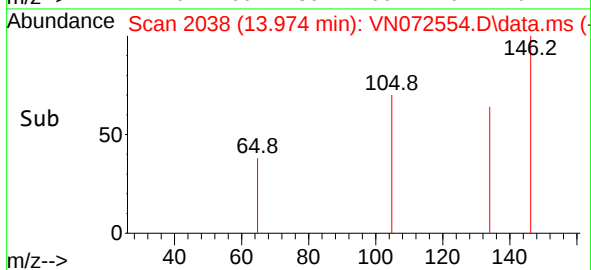
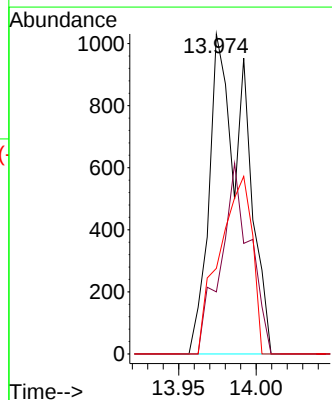
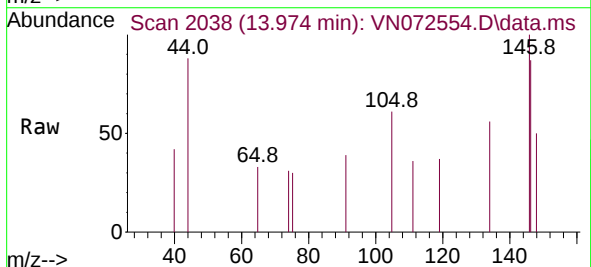
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

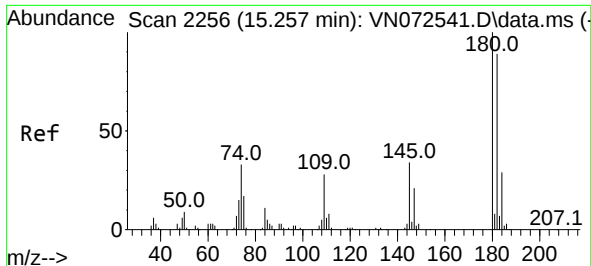
Tgt Ion:117 Resp: 6456
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#91
1,2-Dichlorobenzene
Concen: 0.303 ug/l
RT: 13.974 min Scan# 2038
Delta R.T. -0.012 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion:146 Resp: 1617
Ion Ratio Lower Upper
146 100
111 49.7 20.9 62.8
148 52.0 32.1 96.3

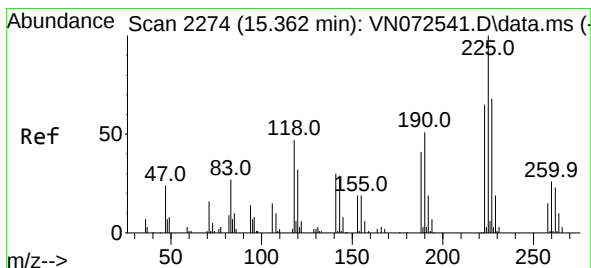
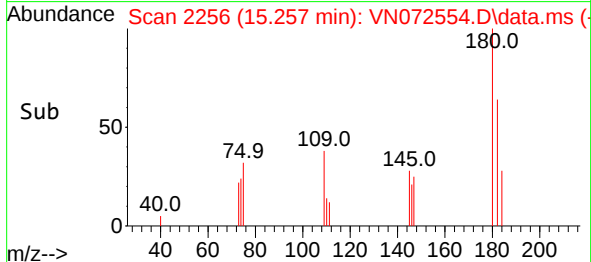
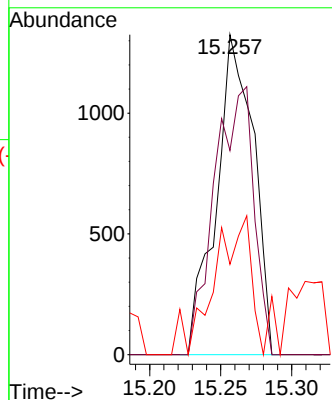
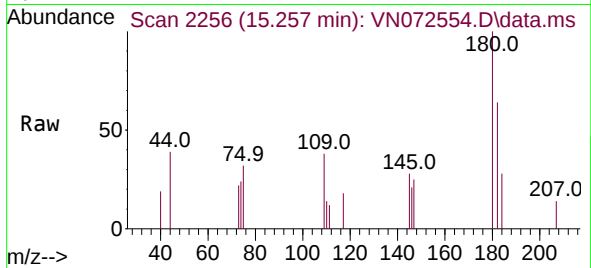




#93
1,2,4-Trichlorobenzene
Concen: 1.042 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

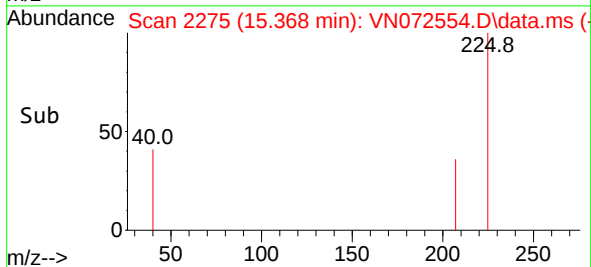
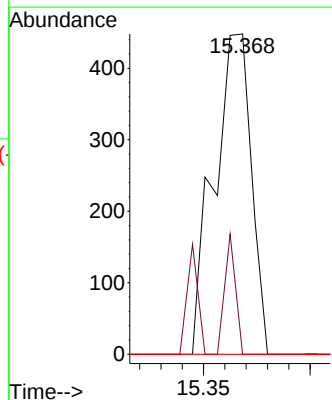
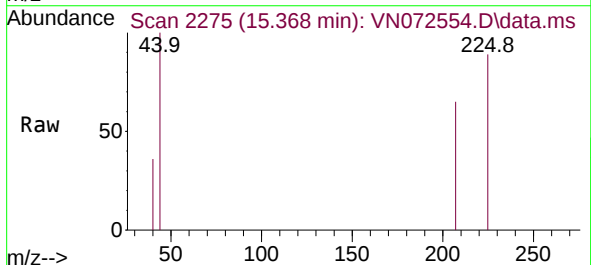
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

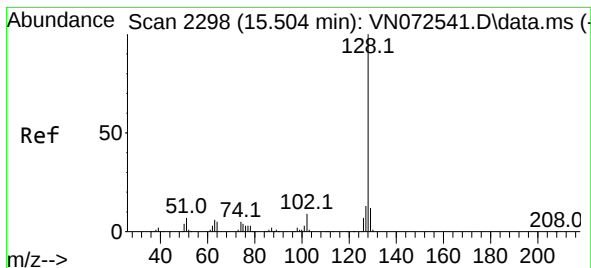
Tgt Ion:180 Resp: 2429
Ion Ratio Lower Upper
180 100
182 88.1 47.5 142.5
145 42.9 14.5 43.5



#94
Hexachlorobutadiene
Concen: 0.374 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion:225 Resp: 547
Ion Ratio Lower Upper
225 100
223 10.8 32.4 97.2#
227 0.0 31.8 95.4#





#95

Naphthalene

Concen: 6.362 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VN072554.D

Acq: 19 May 2022 14:49

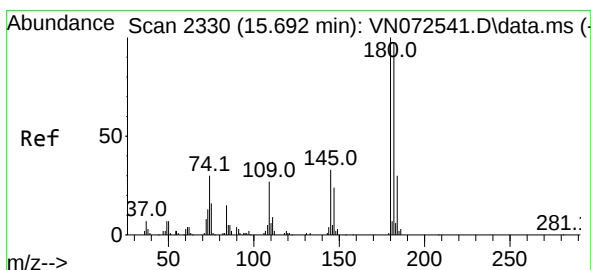
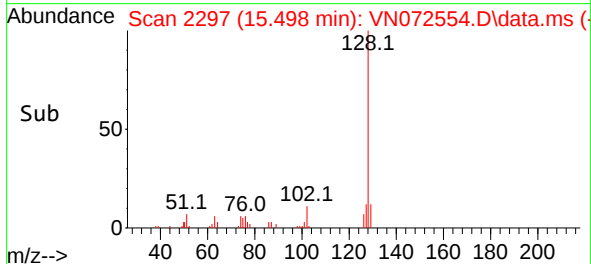
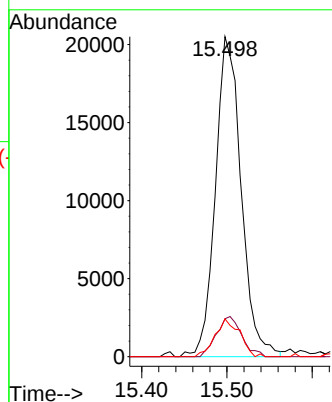
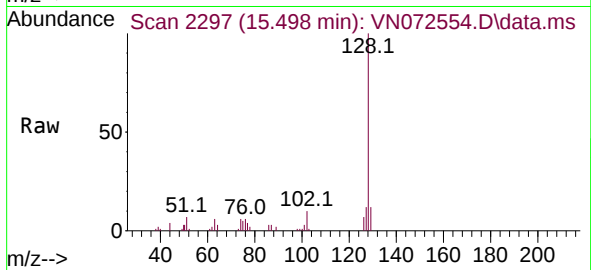
Instrument :

MSVOA_N

ClientSampleId :

GES-2DL

Tgt Ion:	128	Resp:	42991
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.3	15.5
129	11.3	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.163 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. 0.006 min

Lab File: VN072554.D

Acq: 19 May 2022 14:49

Tgt Ion:	180	Resp:	2796
Ion Ratio	Lower	Upper	
180	100		
182	108.4	47.8	143.3
145	54.3	15.5	46.5

