

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
 Data File : VV027148.D
 Acq On : 02 Aug 2022 00:34
 Operator : SY/MD
 Sample : N3956-07DL 40X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF04DL

Quant Time: Aug 02 01:18:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:27:15 2022
 Response via : Initial Calibration

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

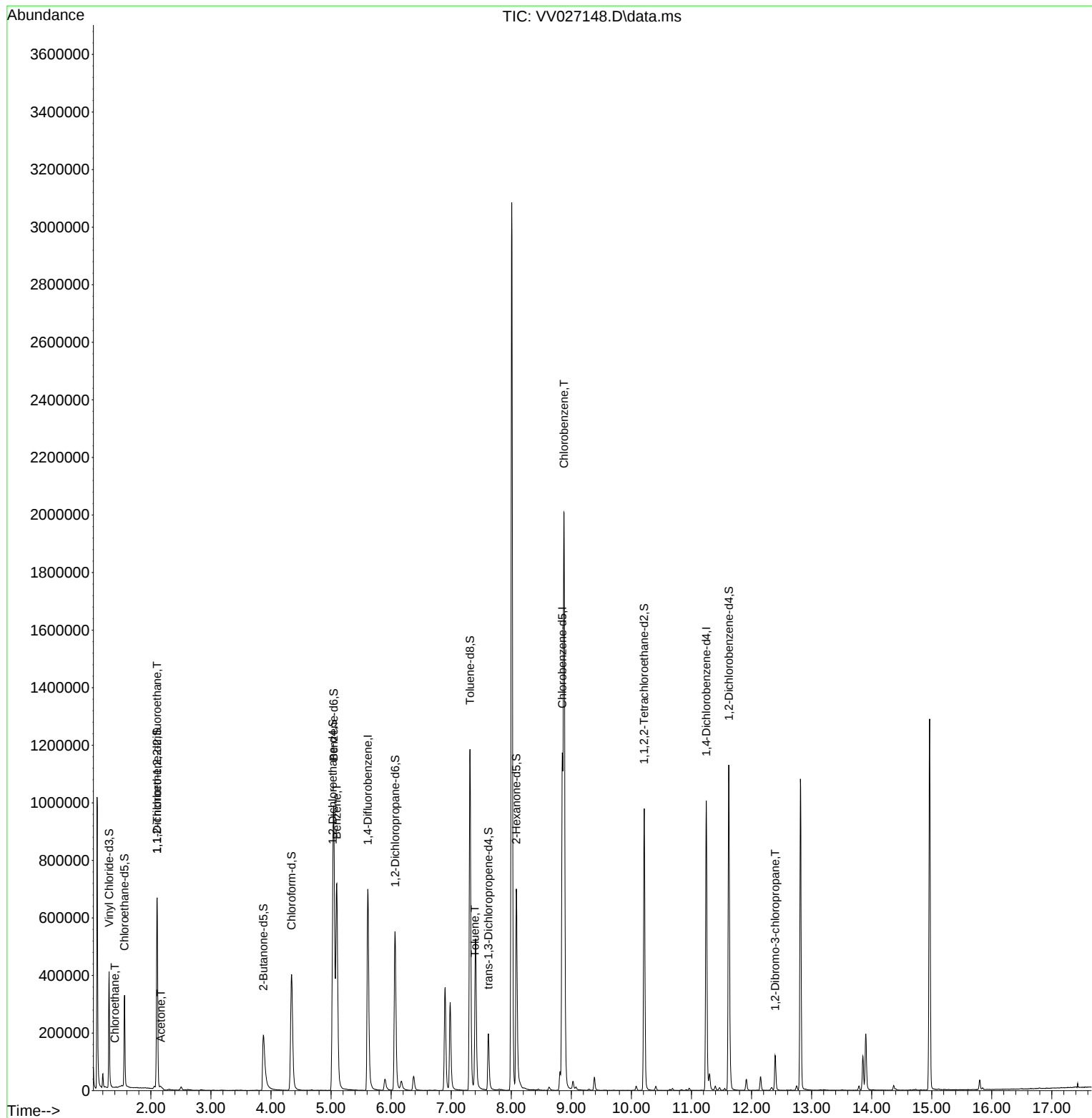
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	640162	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	623163	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	271550	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	275686	66.449	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 132.900%		
7) Chloroethane-d5	1.561	69	204212	65.777	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 131.560%#		
11) 1,1-Dichloroethene-d2	2.105	63	351041	44.434	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 88.860%		
21) 2-Butanone-d5	3.873	46	300101	109.868	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 109.870%		
24) Chloroform-d	4.343	84	444270	52.976	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 105.960%		
26) 1,2-Dichloroethane-d4	5.027	65	269547	56.651	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 113.300%		
32) Benzene-d6	5.043	84	937668	56.864	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 113.720%		
36) 1,2-Dichloropropane-d6	6.066	67	291828	57.210	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 114.420%		
41) Toluene-d8	7.313	98	822064	55.298	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 110.600%		
43) trans-1,3-Dichloroprop...	7.619	79	122019	54.503	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 109.000%		
47) 2-Hexanone-d5	8.085	63	268059	136.117	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 136.120%#		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	404547	53.055	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 106.100%		
66) 1,2-Dichlorobenzene-d4	11.622	152	296694	62.169	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 124.340%#		
Target Compounds						
						Qvalue
8) Chloroethane	1.401	64	3646	1.126	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	3468	0.759	ug/L #	20
13) Acetone	2.166	43	5908	2.561	ug/L	99
33) Benzene	5.095	78	774253	40.510	ug/L	100
42) Toluene	7.394	91	36905	1.872	ug/L	97
51) Chlorobenzene	8.879	112	1121334	82.181	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.394	75	20263	13.434	ug/L #	4

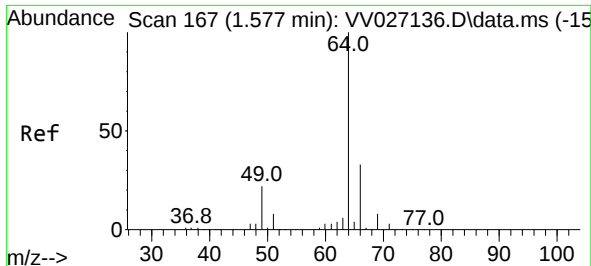
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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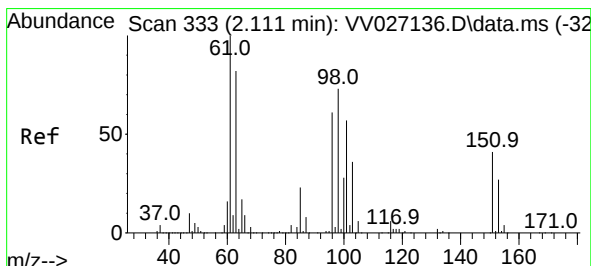
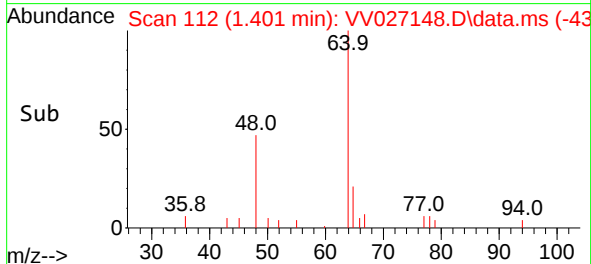
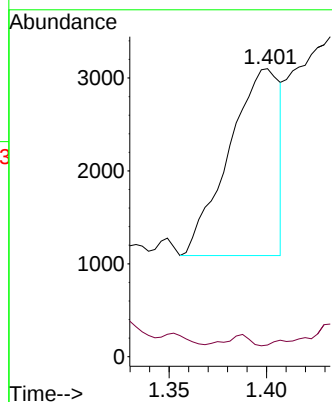
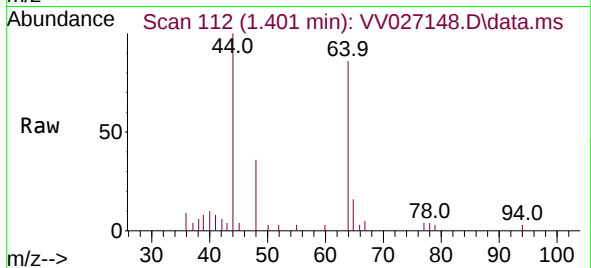




#8
Chloroethane
Concen: 1.126 ug/L
RT: 1.401 min Scan# 112
Delta R.T. -0.177 min
Lab File: VV027148.D
Acq: 02 Aug 2022 00:34

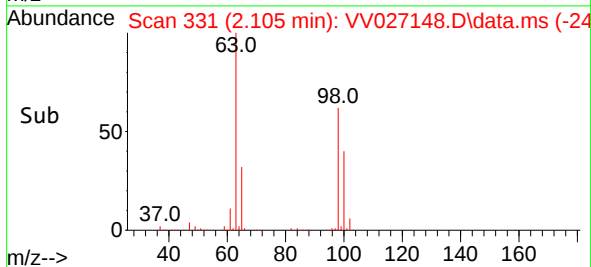
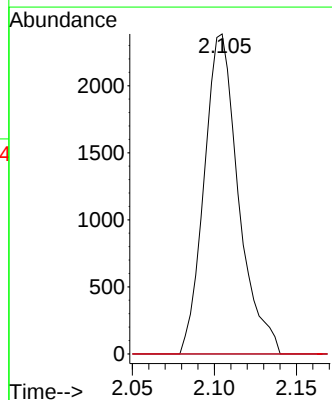
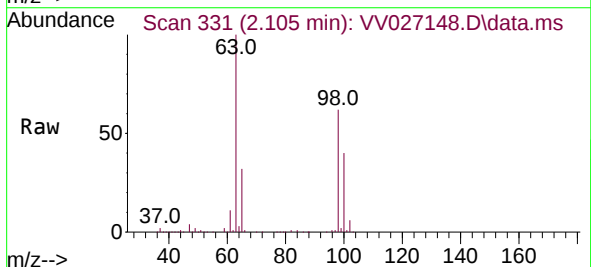
Instrument :
MSVOA_V
ClientSampleId :
EXF04DL

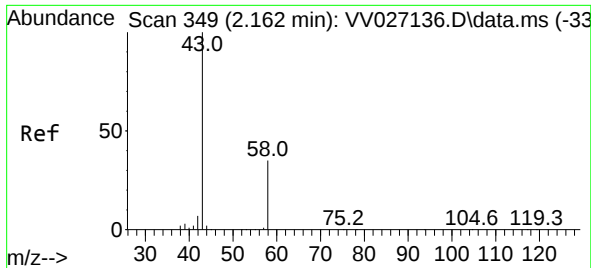
Tgt Ion: 64 Resp: 3646
Ion Ratio Lower Upper
64 100
66 4.1 22.6 42.0#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.759 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV027148.D
Acq: 02 Aug 2022 00:34

Tgt Ion:101 Resp: 3468
Ion Ratio Lower Upper
101 100
85 0.0 33.9 50.9#
151 0.0 58.4 87.6#





#13

Acetone

Concen: 2.561 ug/L

RT: 2.166 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV027148.D

Acq: 02 Aug 2022 00:34

Instrument :

MSVOA_V

ClientSampleId :

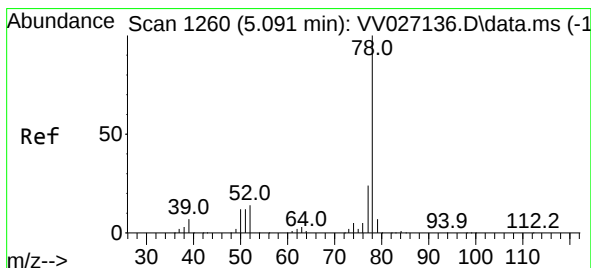
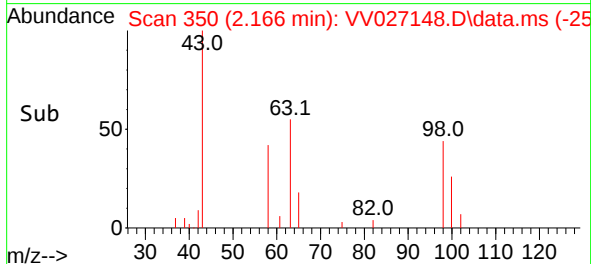
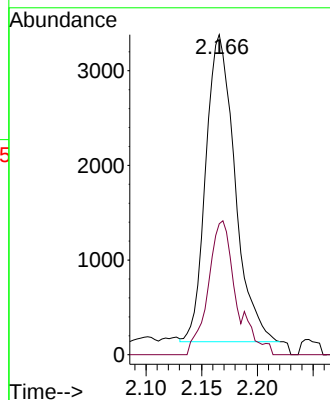
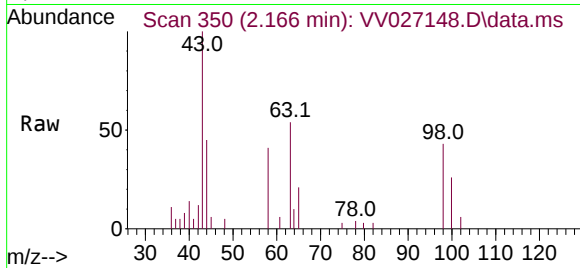
EXF04DL

Tgt Ion: 43 Resp: 5908

Ion Ratio Lower Upper

43 100

58 36.4 0.0 73.6



#33

Benzene

Concen: 40.510 ug/L

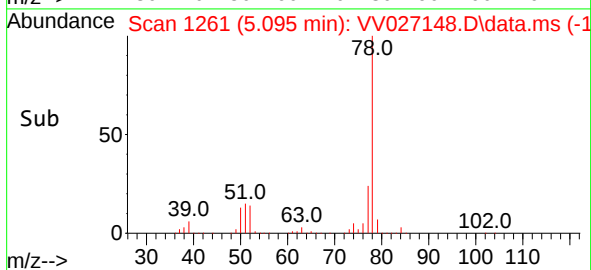
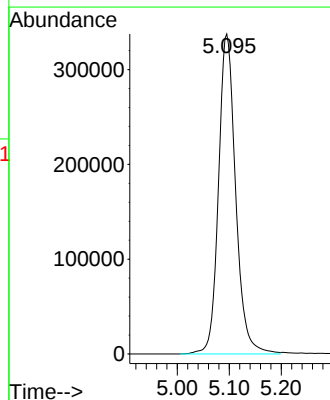
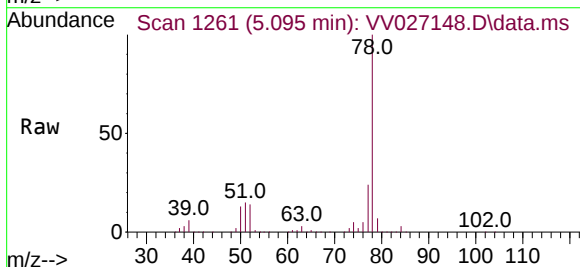
RT: 5.095 min Scan# 1261

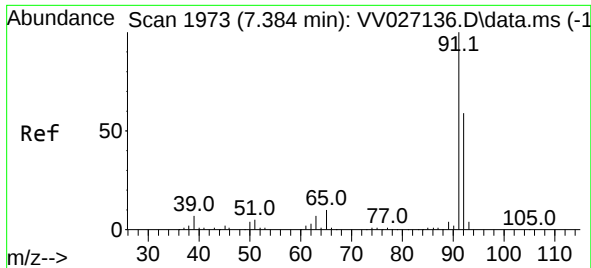
Delta R.T. 0.003 min

Lab File: VV027148.D

Acq: 02 Aug 2022 00:34

Tgt Ion: 78 Resp: 774253

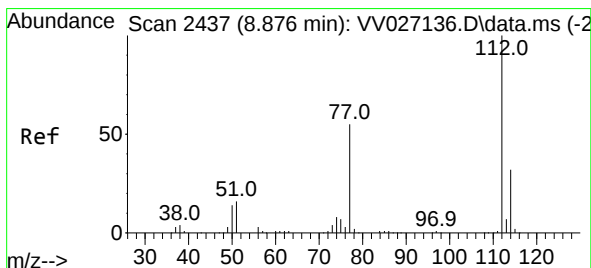
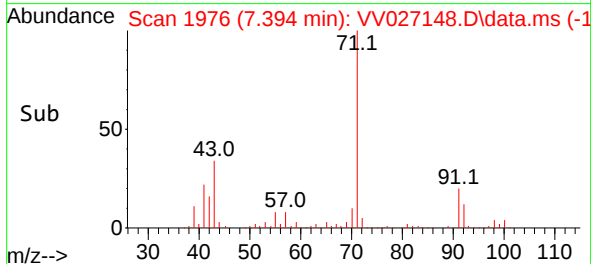
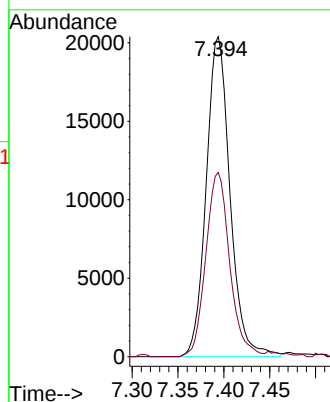
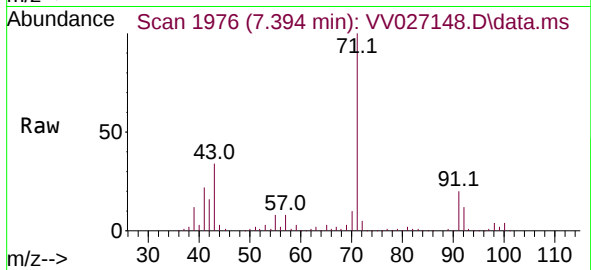




#42
Toluene
Concen: 1.872 ug/L
RT: 7.394 min Scan# 1973
Delta R.T. 0.010 min
Lab File: VV027148.D
Acq: 02 Aug 2022 00:34

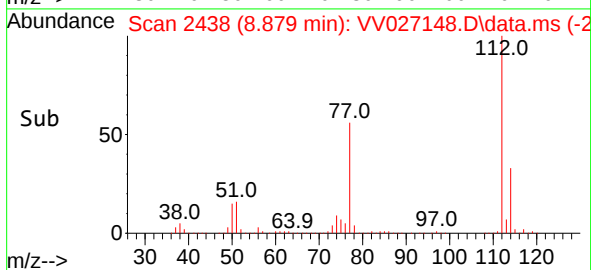
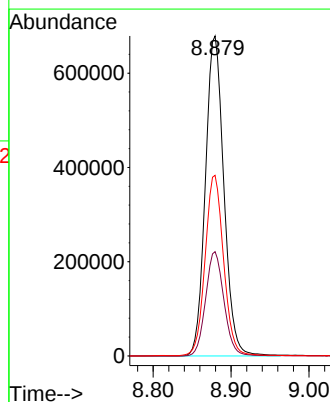
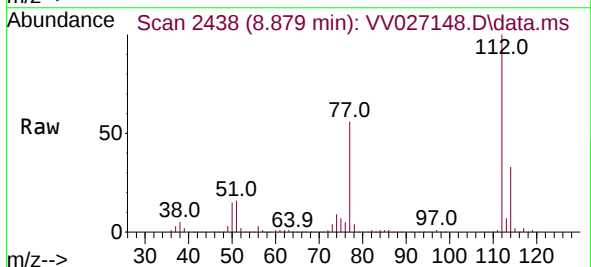
Instrument :
MSVOA_V
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EXF04DL

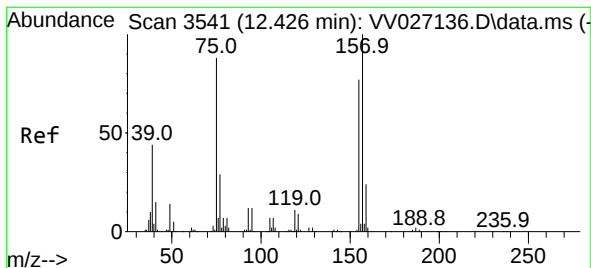
Tgt Ion: 91 Resp: 36905
Ion Ratio Lower Upper
91 100
92 57.5 41.6 77.3



#51
Chlorobenzene
Concen: 82.181 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV027148.D
Acq: 02 Aug 2022 00:34

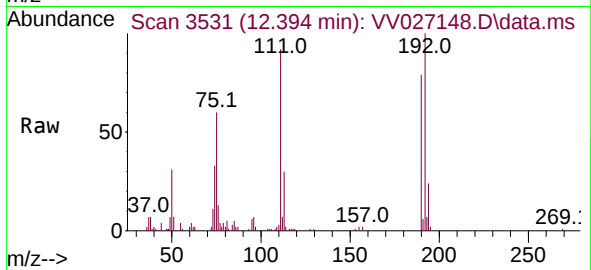
Tgt Ion: 112 Resp: 1121334
Ion Ratio Lower Upper
112 100
114 32.6 22.3 41.3
77 56.5 44.9 67.3





#68
 1,2-Dibromo-3-chloropropane
 Concen: 13.434 ug/L
 RT: 12.394 min Scan# 31
 Delta R.T. -0.032 min
 Lab File: VV027148.D
 Acq: 02 Aug 2022 00:34

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF04DL



Tgt Ion: 75 Resp: 20263
 Ion Ratio Lower Upper
 75 100
 155 2.9 69.6 104.4#
 157 3.9 88.1 132.1#

