

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
 Data File : VV027146.D
 Acq On : 01 Aug 2022 23:45
 Operator : SY/MD
 Sample : N3956-03DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF02DL

Quant Time: Aug 02 00:38:30 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)

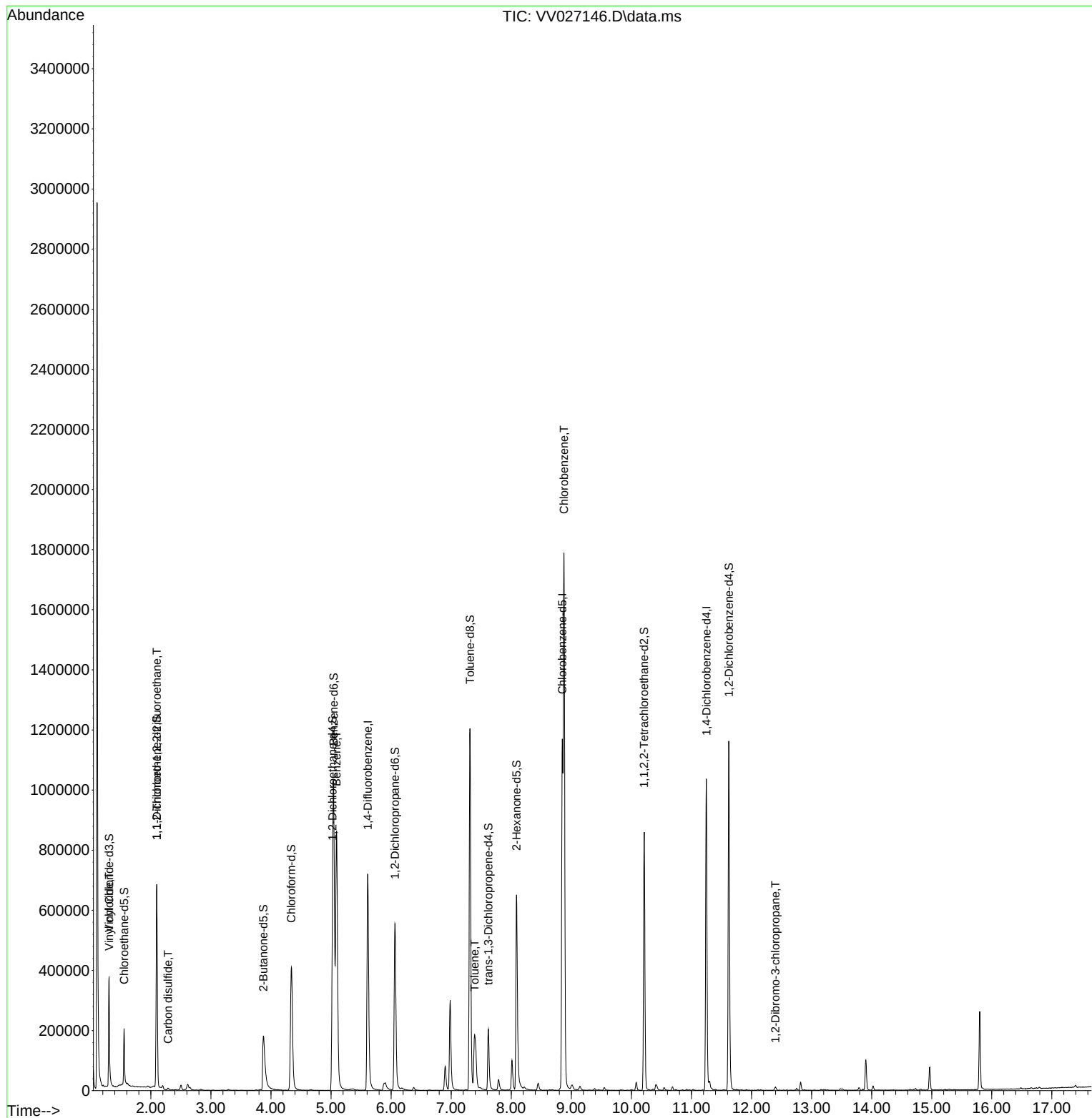
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	657400	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	628000	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	282095	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	277033	65.023	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	130.040%	
7) Chloroethane-d5	1.555	69	114861	36.027	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	72.060%	
11) 1,1-Dichloroethene-d2	2.098	63	354372	43.679	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	87.360%	
21) 2-Butanone-d5	3.873	46	299537	106.786	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	106.790%	
24) Chloroform-d	4.339	84	452230	52.512	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	105.020%	
26) 1,2-Dichloroethane-d4	5.024	65	267321	54.710	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	109.420%	
32) Benzene-d6	5.043	84	955778	57.516	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	115.040%	
36) 1,2-Dichloropropane-d6	6.063	67	292799	56.958	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	113.920%	
41) Toluene-d8	7.313	98	821531	54.837	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	109.680%	
43) trans-1,3-Dichloroprop...	7.619	79	125399	55.581	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	111.160%	
47) 2-Hexanone-d5	8.088	63	252941	127.451	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	127.450%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	412602	53.694	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	107.380%	
66) 1,2-Dichlorobenzene-d4	11.622	152	300740	60.661	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	121.320%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	5031	0.810	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	3412	0.727	ug/L #	21
14) Carbon disulfide	2.285	76	7454	0.549	ug/L #	90
33) Benzene	5.092	78	922062	47.872	ug/L	100
42) Toluene	7.387	91	136121	6.851	ug/L	98
51) Chlorobenzene	8.879	112	990878	72.060	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.397	75	2072	1.322	ug/L #	1

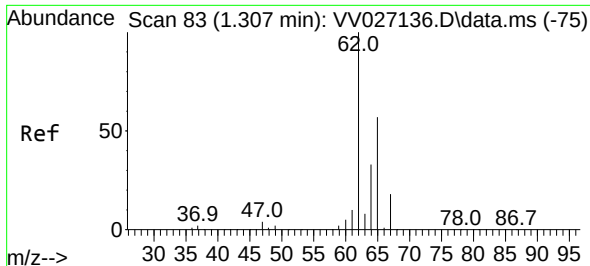
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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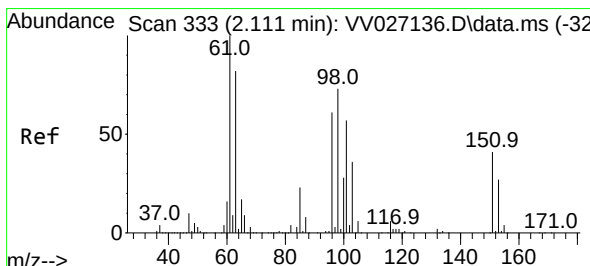
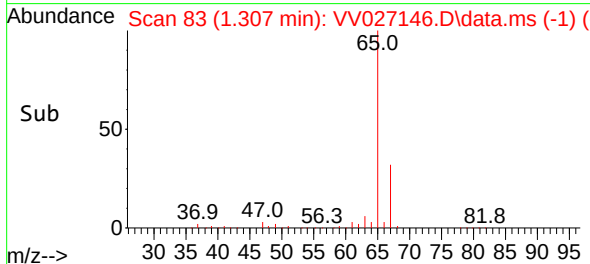
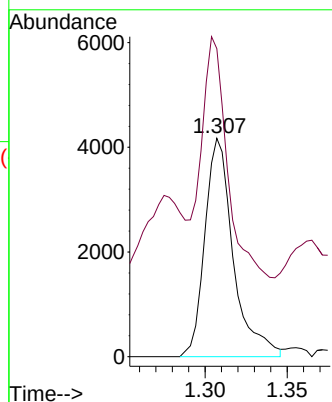
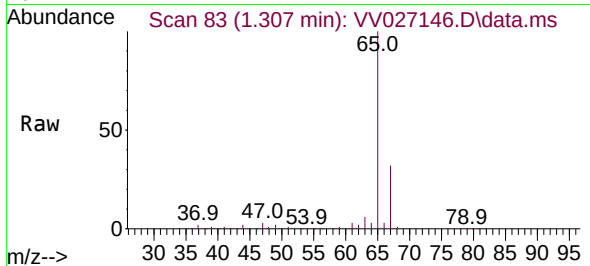




#5
 Vinyl chloride
 Concen: 0.810 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027146.D
 Acq: 01 Aug 2022 23:45

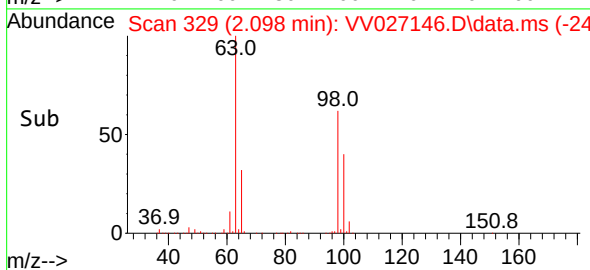
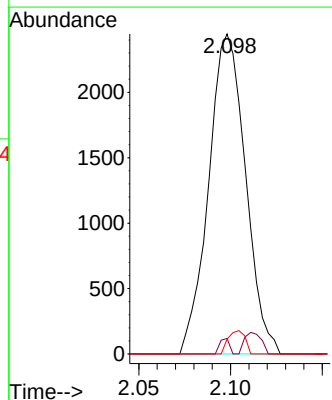
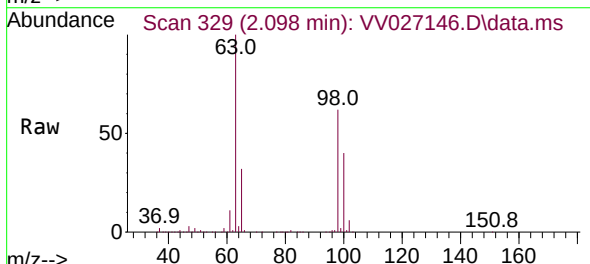
Instrument :
 MSVOA_V
 ClientSampleId :
 EXF02DL

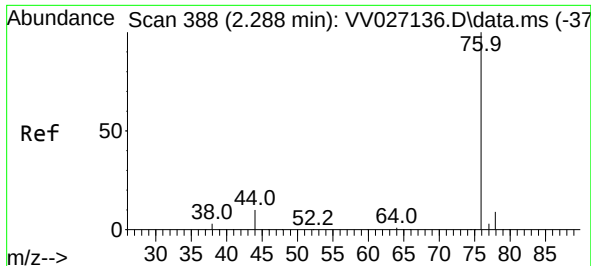
Tgt Ion: 62 Resp: 5031
 Ion Ratio Lower Upper
 62 100
 64 141.1 23.1 42.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.727 ug/L
 RT: 2.098 min Scan# 329
 Delta R.T. -0.013 min
 Lab File: VV027146.D
 Acq: 01 Aug 2022 23:45

Tgt Ion: 101 Resp: 3412
 Ion Ratio Lower Upper
 101 100
 85 1.3 33.9 50.9#
 151 0.0 58.4 87.6#

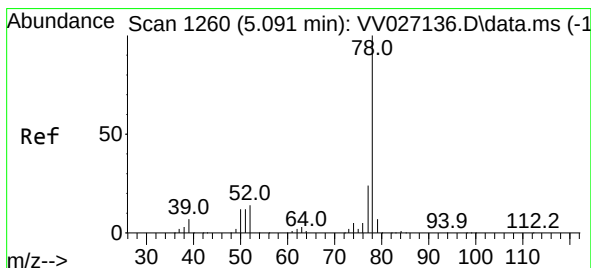
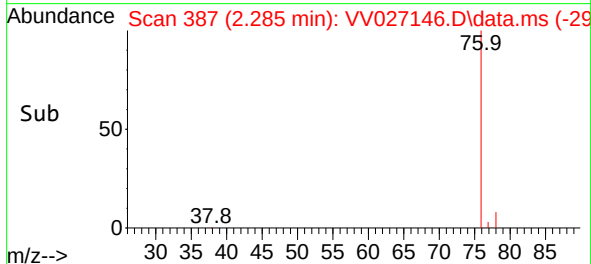
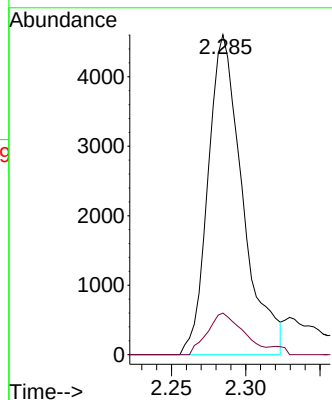
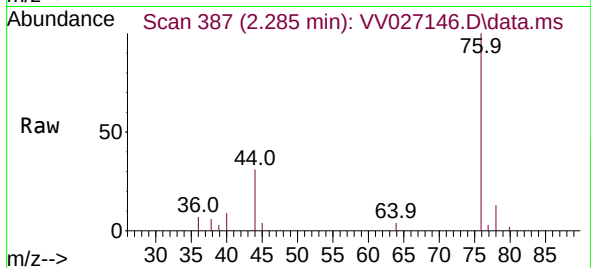




#14
Carbon disulfide
Concen: 0.549 ug/L
RT: 2.285 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV027146.D
Acq: 01 Aug 2022 23:45

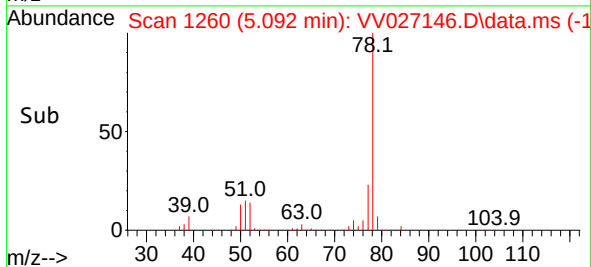
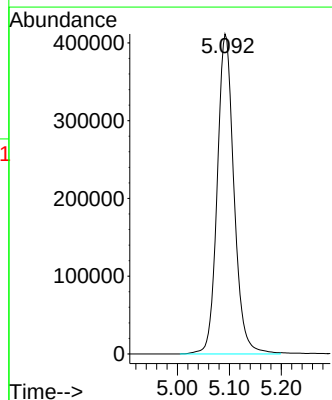
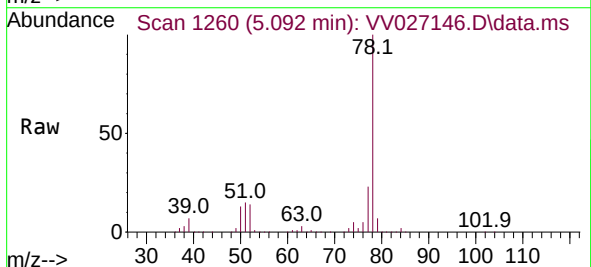
Instrument :
MSVOA_V
ClientSampleId :
EXF02DL

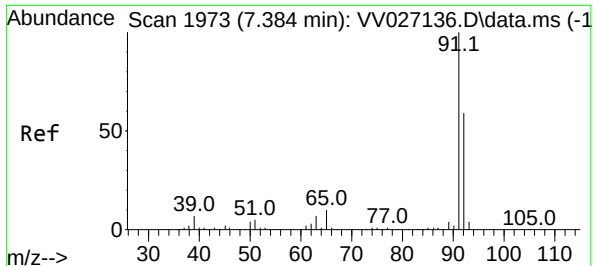
Tgt Ion: 76 Resp: 7454
Ion Ratio Lower Upper
76 100
78 13.0 7.5 11.3#



#33
Benzene
Concen: 47.872 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV027146.D
Acq: 01 Aug 2022 23:45

Tgt Ion: 78 Resp: 922062





#42

Toluene

Concen: 6.851 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027146.D

Acq: 01 Aug 2022 23:45

Instrument :

MSVOA_V

ClientSampleId :

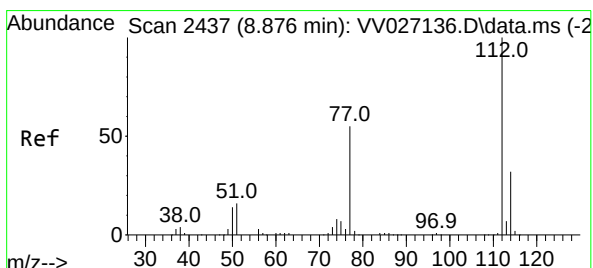
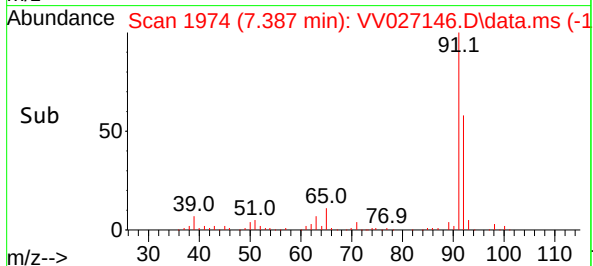
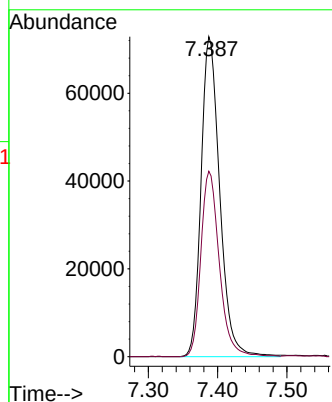
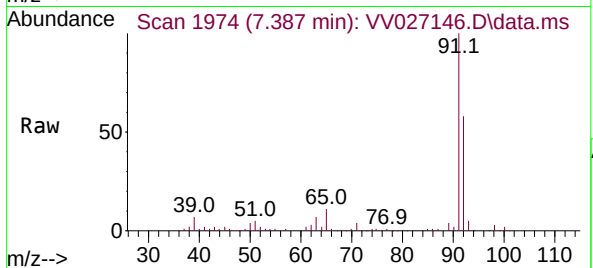
EXF02DL

Tgt Ion: 91 Resp: 136121

Ion Ratio Lower Upper

91 100

92 58.0 41.6 77.3



#51

Chlorobenzene

Concen: 72.060 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV027146.D

Acq: 01 Aug 2022 23:45

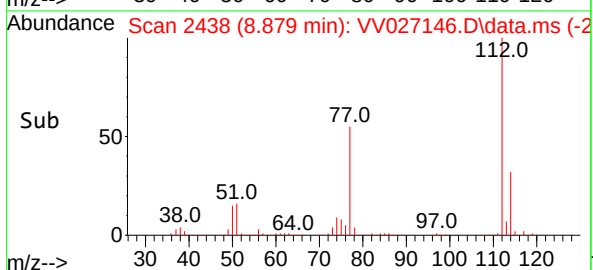
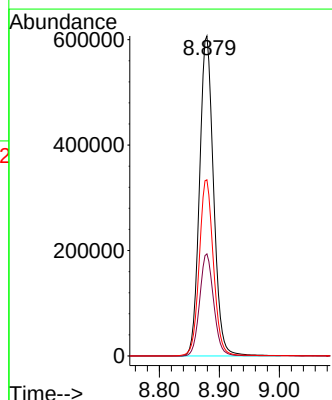
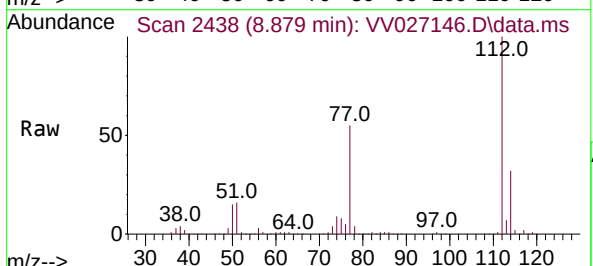
Tgt Ion: 112 Resp: 990878

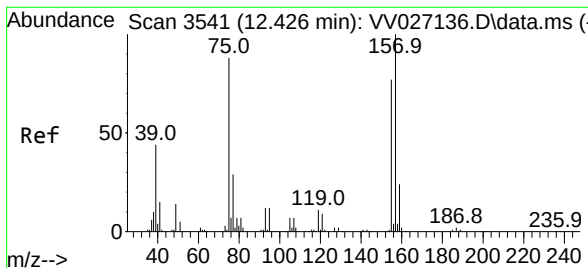
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.3

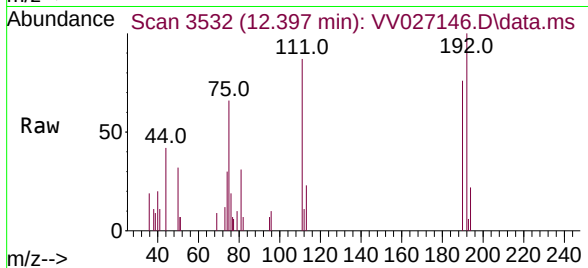
77 55.0 44.9 67.3





#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.322 ug/L
 RT: 12.397 min Scan# 31
 Delta R.T. -0.029 min
 Lab File: VV027146.D
 Acq: 01 Aug 2022 23:45

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF02DL



Tgt Ion: 75 Resp: 2072
 Ion Ratio Lower Upper
 75 100
 155 0.0 69.6 104.4#
 157 0.0 88.1 132.1#

