

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022720\
 Data File : VU036950.D
 Acq On : 27 Feb 2020 18:05
 Operator : JC/MD
 Sample : L1686-05MS 20X
 Misc : 7.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAW03MS

Quant Time: Feb 27 23:41:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 27 22:00:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	260288	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	247449	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	95609	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	74945	34.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.58%
7) Chloroethane-d5	1.92	69	73363	40.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.12%
11) 1,1-Dichloroethene-d2	2.59	63	144954	39.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.20%
21) 2-Butanone-d5	4.67	46	149477	101.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.95%
24) Chloroform-d	5.10	84	147830	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.58%
26) 1,2-Dichloroethane-d4	5.74	65	103853	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
32) Benzene-d6	5.76	84	316841	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.56%
36) 1,2-Dichloropropane-d6	6.72	67	106535	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.90%
41) Toluene-d8	7.92	98	288075	43.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.78%
43) trans-1,3-Dichloropropene-	8.20	79	45705	42.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.84%
47) 2-Hexanone-d5	8.66	63	113401	100.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	154794	47.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.72%
64) 1,2-Dichlorobenzene-d4	12.21	152	88472	47.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.68%

Target Compounds

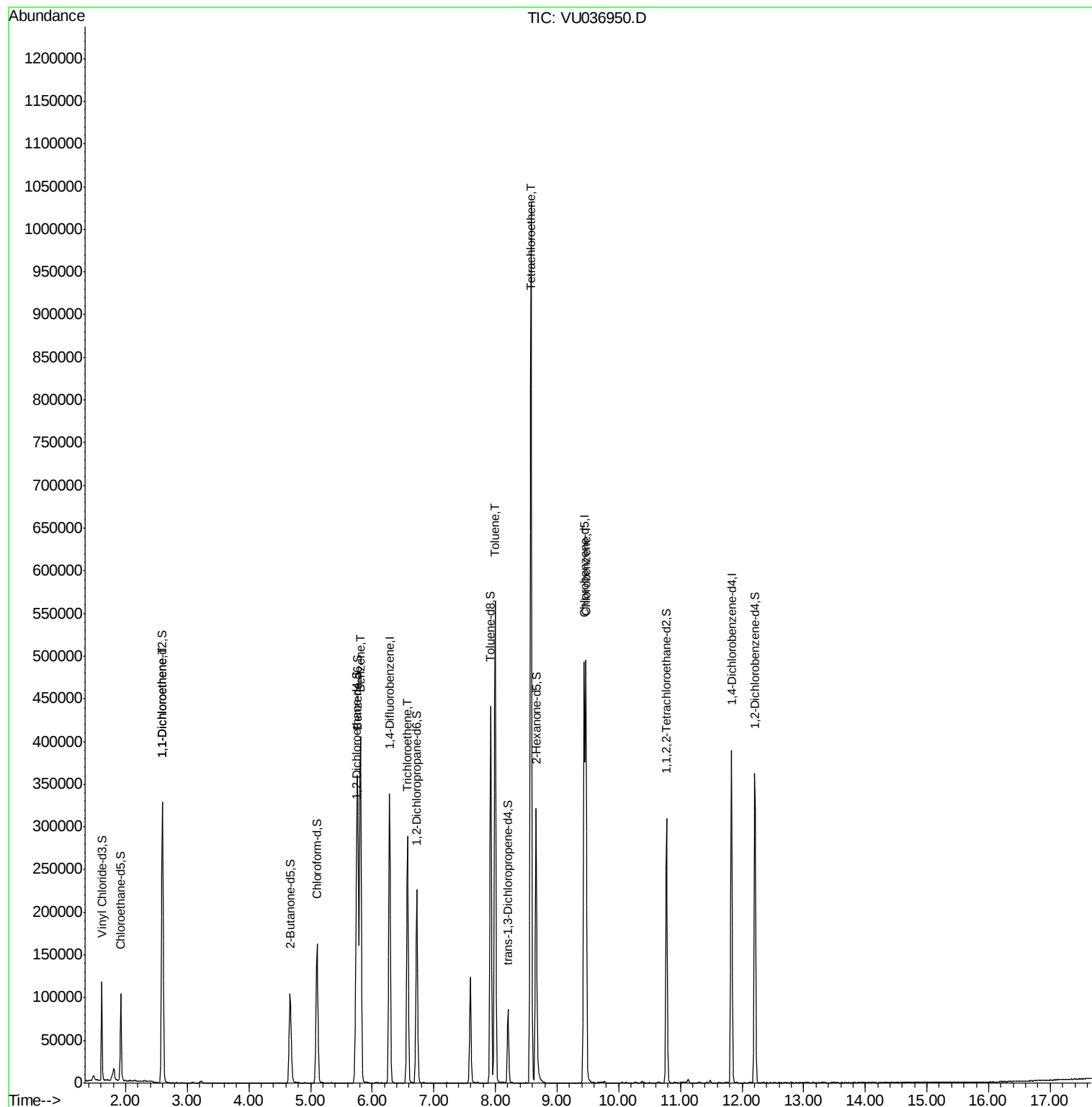
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	74918	44.562	ug/L	88
33) Benzene	5.81	78	372975	47.712	ug/L	100
34) Trichloroethene	6.57	95	98831	51.438	ug/L	97
42) Toluene	8.00	91	402536	48.333	ug/L	99
46) Tetrachloroethene	8.57	164	208361	164.617	ug/L	99
51) Chlorobenzene	9.47	112	239685	48.571	ug/L	99

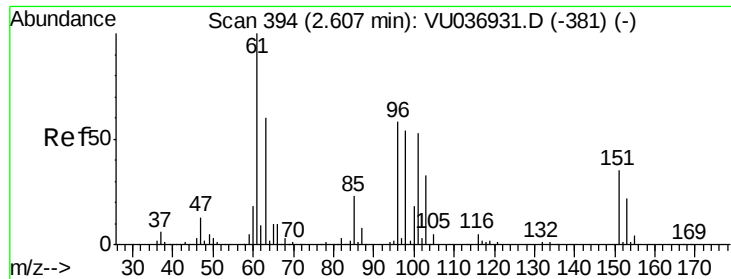
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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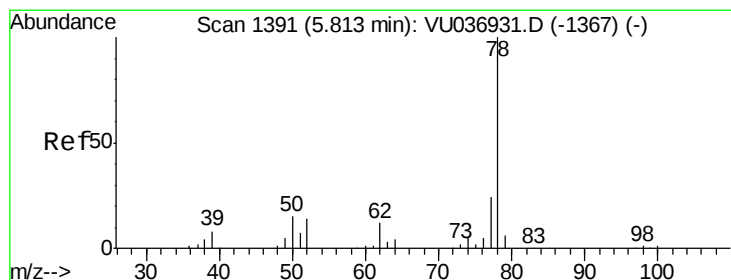
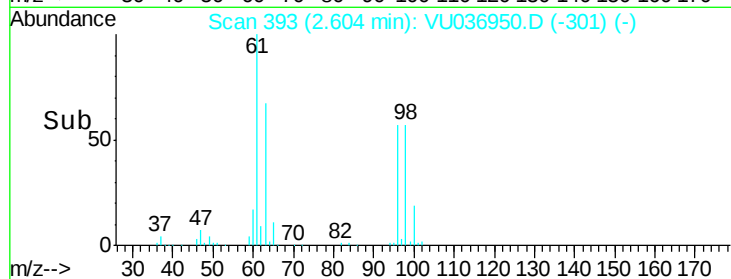
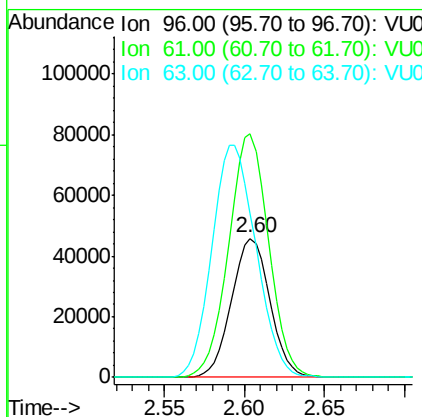
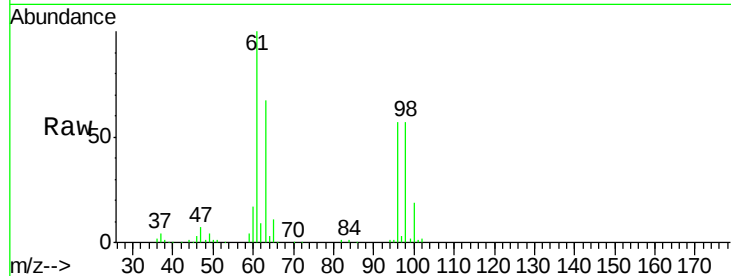




#12
 1,1-Dichloroethene
 Concen: 44.562 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: VU036950.D
 Acq: 27 Feb 2020 18:05

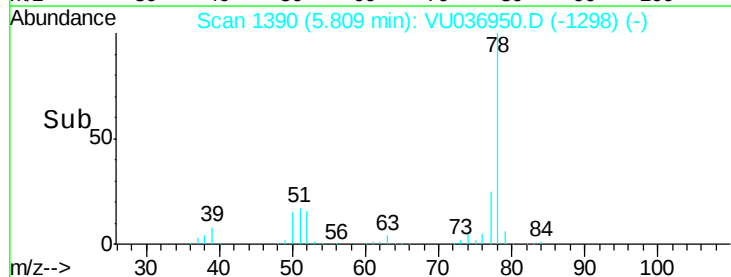
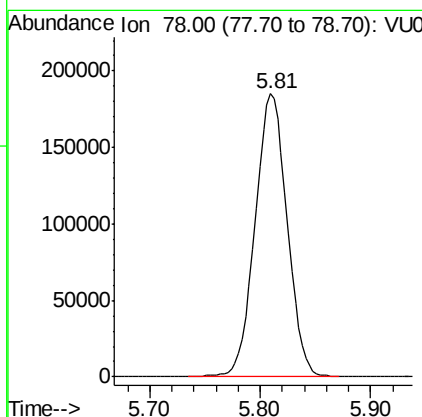
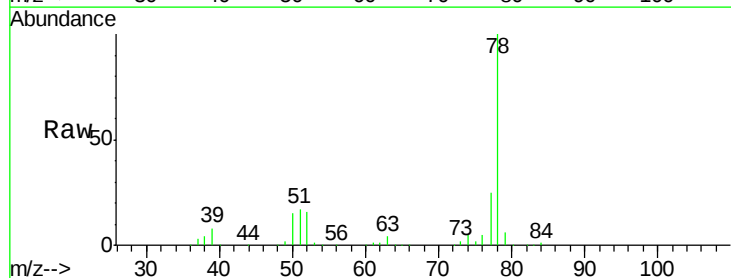
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 MSVOA_U
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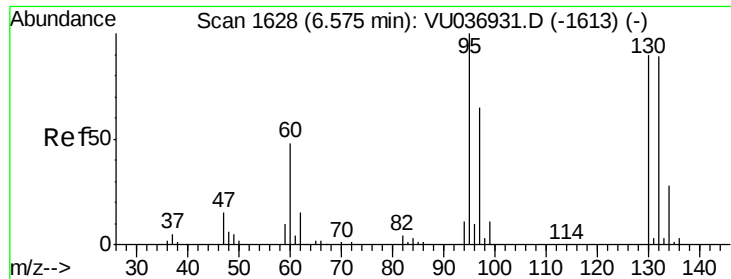
Tot Ion: 96 Resp: 74918
 Ion Ratio Lower Upper
 96 100
 61 174.9 127.5 236.7
 63 117.8 101.4 188.2



#33
 Benzene
 Concen: 47.712 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VU036950.D
 Acq: 27 Feb 2020 18:05

Tgt Ion: 78 Resp: 372975

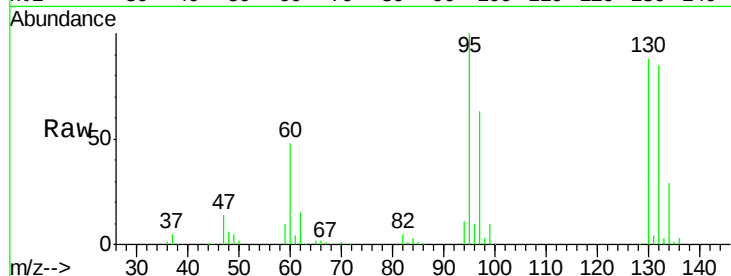




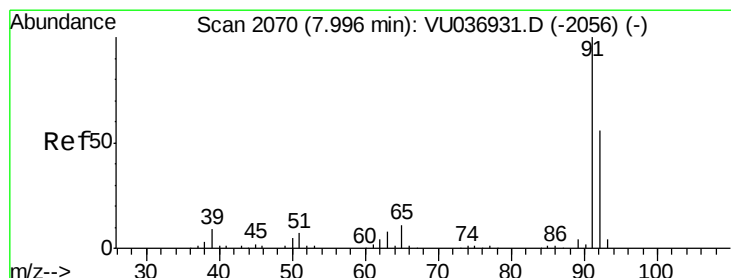
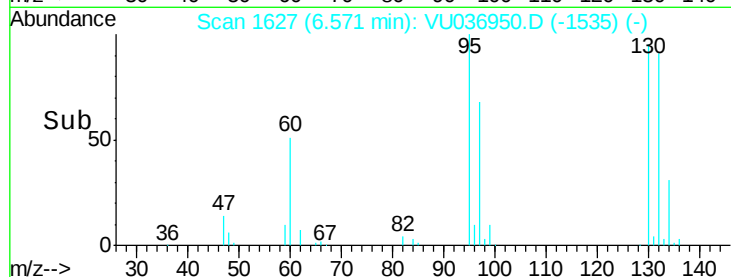
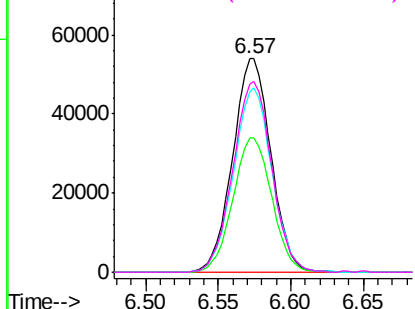
#34
 Trichloroethene
 Concen: 51.438 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU036950.D
 Acq: 27 Feb 2020 18:05

Instrument :
 MSVOA_U
 ClientSampleId :
 GAW03MS

Tot Ion: 95 Resp: 98831
 Ion Ratio Lower Upper
 95 100
 97 62.9 44.1 81.9
 132 84.7 60.6 112.6
 130 87.9 64.9 120.5

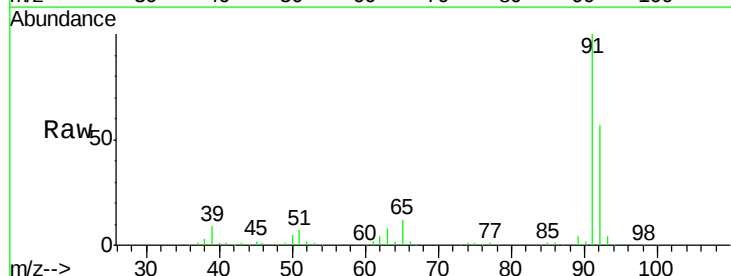


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

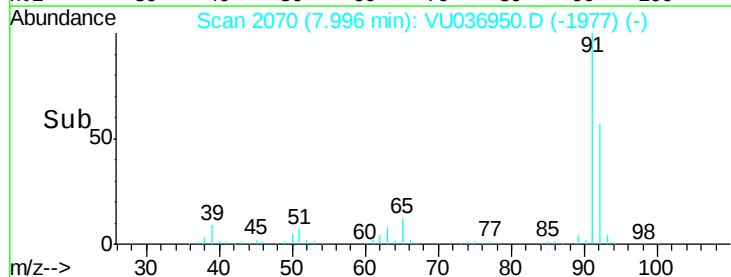
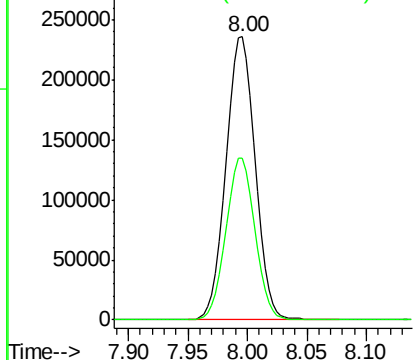


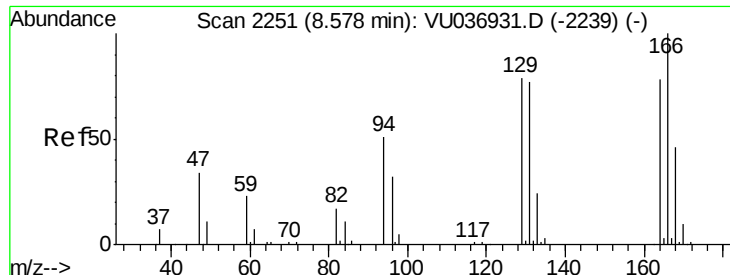
#42
 Toluene
 Concen: 48.333 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VU036950.D
 Acq: 27 Feb 2020 18:05

Tgt Ion: 91 Resp: 402536
 Ion Ratio Lower Upper
 91 100
 92 57.3 39.4 73.2



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0





#46

Tetrachloroethene

Concen: 164.617 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU036950.D

Acq: 27 Feb 2020 18:05

Instrument :

MSVOA_U

ClientSampleId :

GAW03MS

Tot Ion:164 Resp: 208361

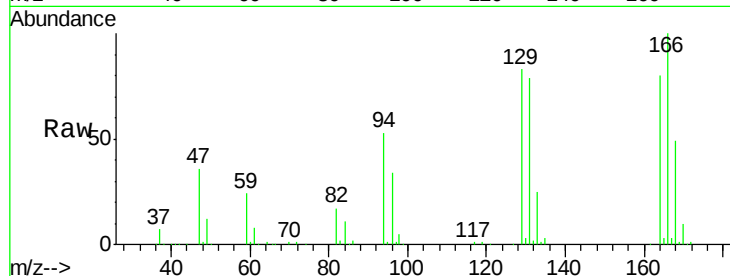
Ion Ratio Lower Upper

164 100

129 104.1 72.0 133.8

131 99.0 67.9 126.1

166 125.4 87.1 161.7

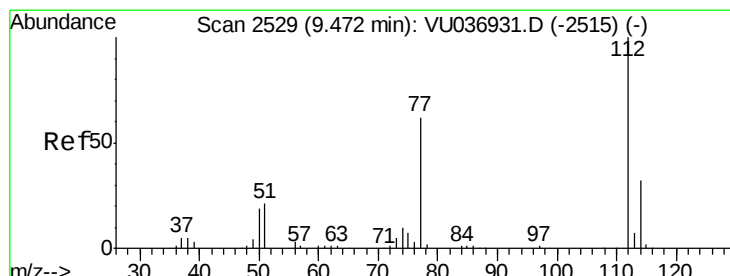
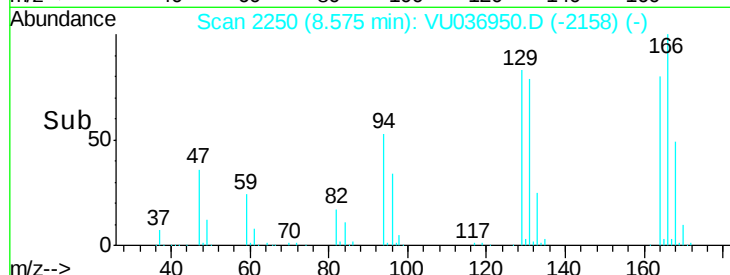
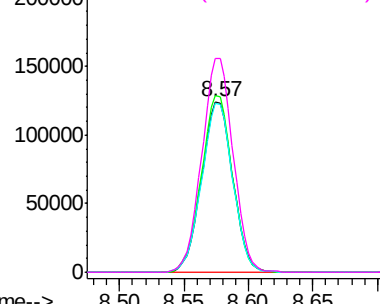


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#51

Chlorobenzene

Concen: 48.571 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU036950.D

Acq: 27 Feb 2020 18:05

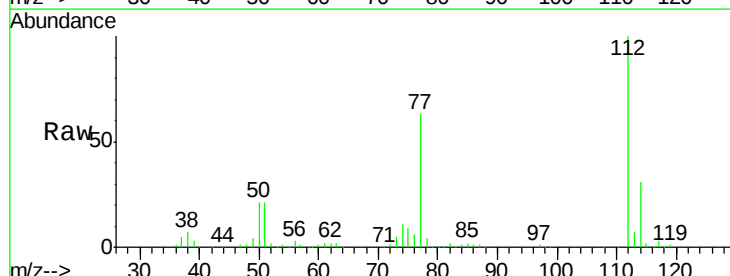
Tgt Ion:112 Resp: 239685

Ion Ratio Lower Upper

112 100

114 31.4 22.3 41.5

77 63.0 50.1 75.1



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU

