

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038678.D
 Acq On : 08 Jun 2020 19:32
 Operator : SY/MD
 Sample : VU0609WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK38

Quant Time: Jun 09 06:13:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 06:12:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	645714	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	618972	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	298437	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	174549	48.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.76%
7) Chloroethane-d5	1.93	69	135840	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.08%
11) 1,1-Dichloroethene-d2	2.59	63	277165	35.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.50%
21) 2-Butanone-d5	4.67	46	350088	99.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.75%
24) Chloroform-d	5.10	84	352816	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	5.74	65	237128	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.00%
32) Benzene-d6	5.76	84	740073	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
36) 1,2-Dichloropropane-d6	6.72	67	223043	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.08%
41) Toluene-d8	7.92	98	648244	48.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.22%
43) trans-1,3-Dichloropropene-	8.20	79	106868	46.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.38%
47) 2-Hexanone-d5	8.66	63	253221	103.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.53%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	320966	46.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.66%
64) 1,2-Dichlorobenzene-d4	12.21	152	256182	49.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.88%

Target Compounds

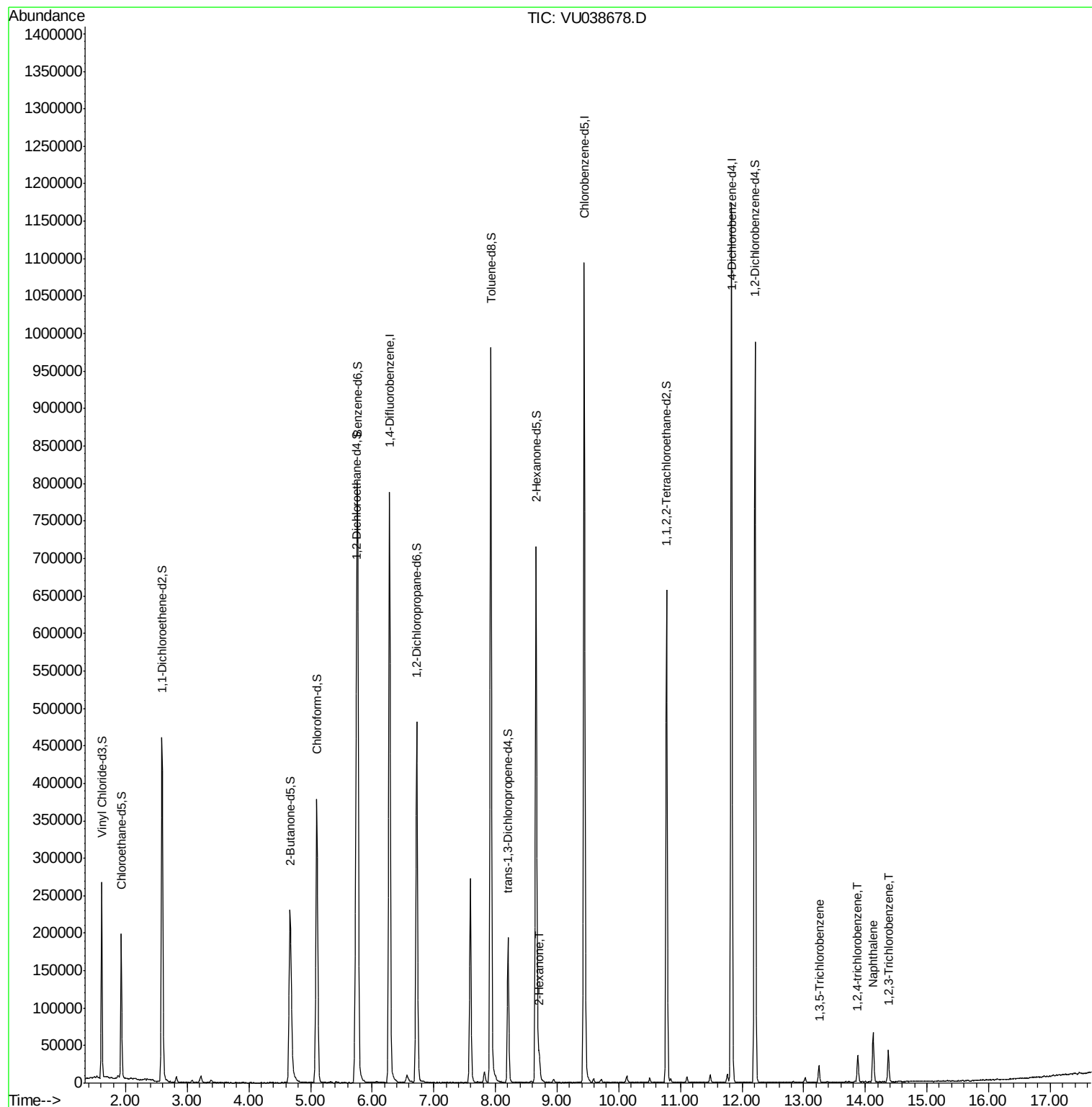
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
48) 2-Hexanone	8.71	43	22429	3.623	ug/L	96
67) 1,3,5-Trichlorobenzene	13.25	180	6866	1.038	ug/L	96
68) 1,2,4-trichlorobenzene	13.88	180	11291	1.810	ug/L	99
69) Naphthalene	14.13	128	54252	2.460	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	13442	2.148	ug/L	96

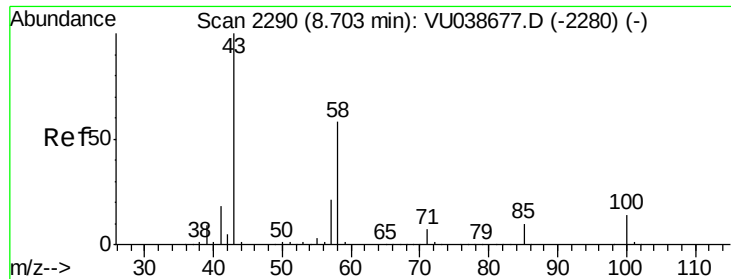
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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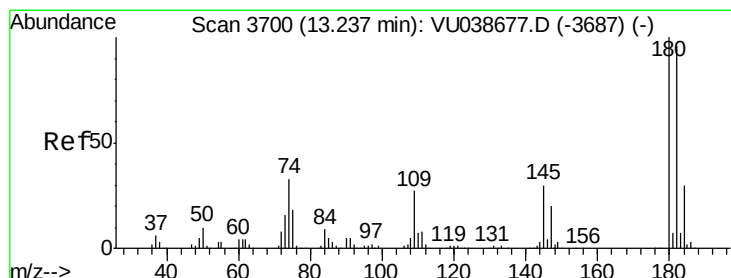
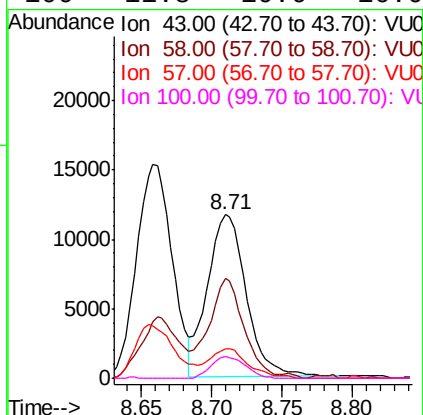
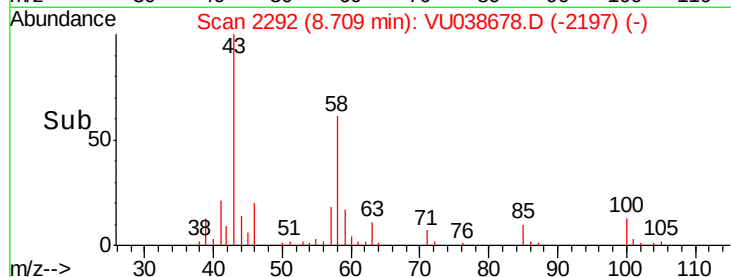
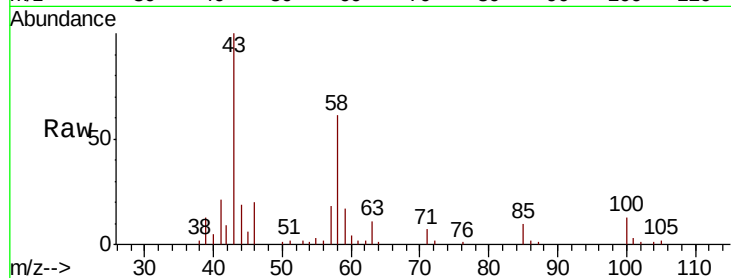




#48
2-Hexanone
Concen: 3.623 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.01 min
Lab File: VU038678.D
Acq: 08 Jun 2020 19:32

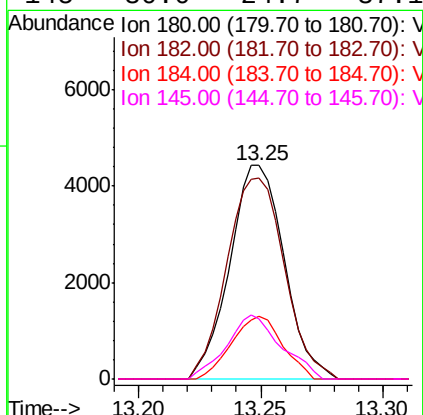
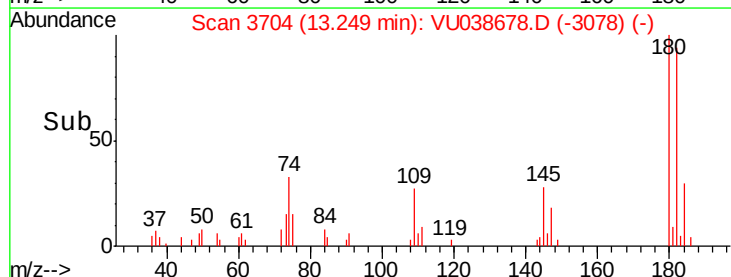
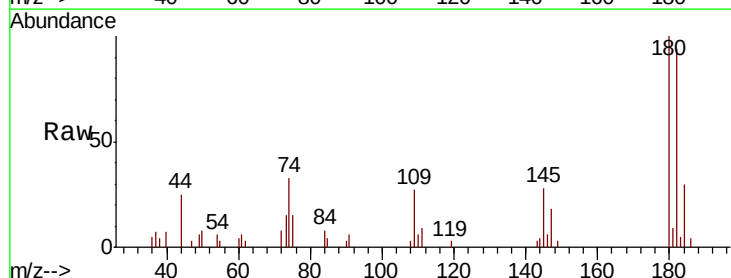
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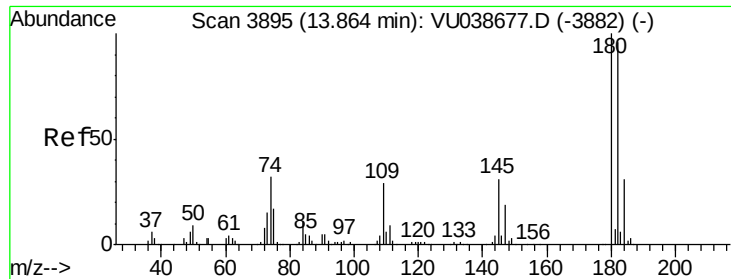
Tot Ion:	43	Resp:	22429
Ion	Ratio	Lower	Upper
43	100		
58	55.7	46.2	69.4
57	17.7	16.6	24.8
100	11.8	10.6	16.0



#67
1,3,5-Trichlorobenzene
Concen: 1.038 ug/L
RT: 13.25 min Scan# 3704
Delta R.T. 0.01 min
Lab File: VU038678.D
Acq: 08 Jun 2020 19:32

Tgt Ion:	180	Resp:	6866
Ion	Ratio	Lower	Upper
180	100		
182	99.2	76.6	114.8
184	27.4	24.7	37.1
145	30.0	24.7	37.1

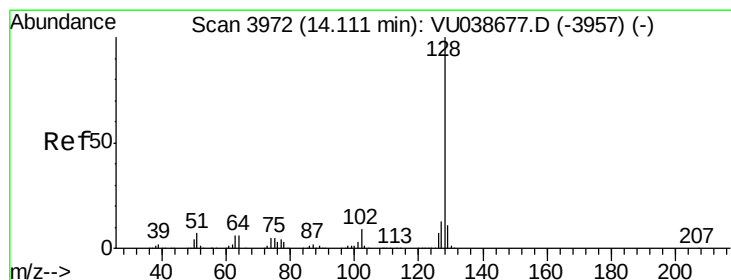
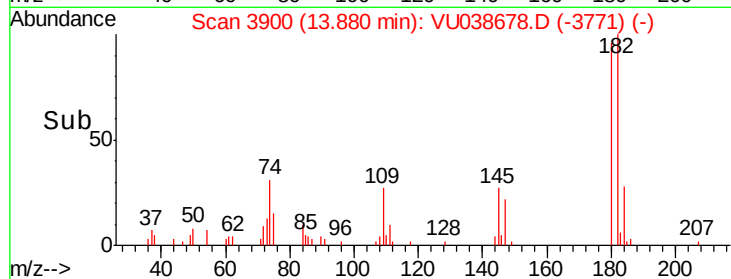
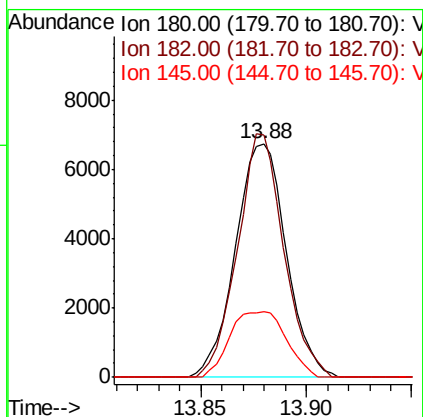
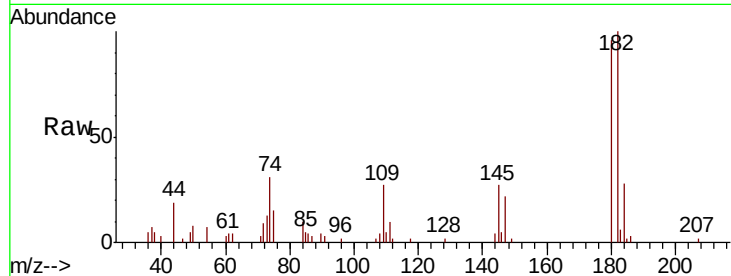




#68
 1,2,4-trichlorobenzene
 Concen: 1.810 ug/L
 RT: 13.88 min Scan# 3900
 Delta R.T. 0.02 min
 Lab File: VU038678.D
 Acq: 08 Jun 2020 19:32

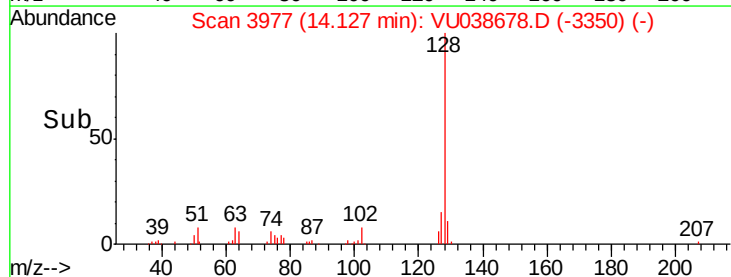
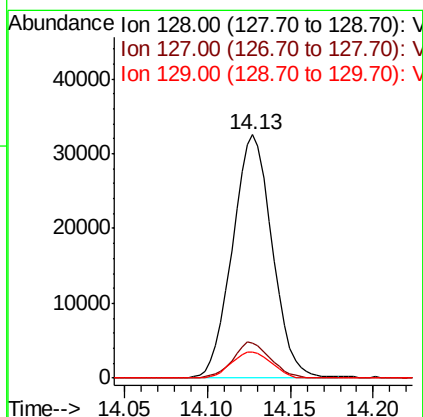
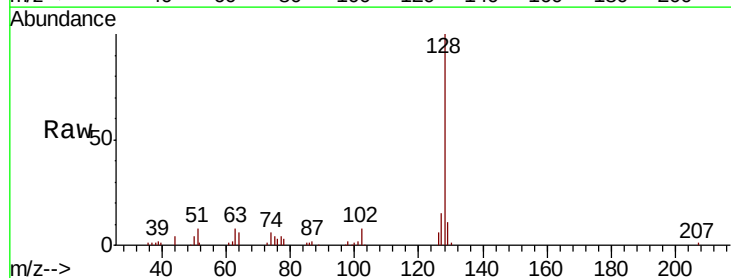
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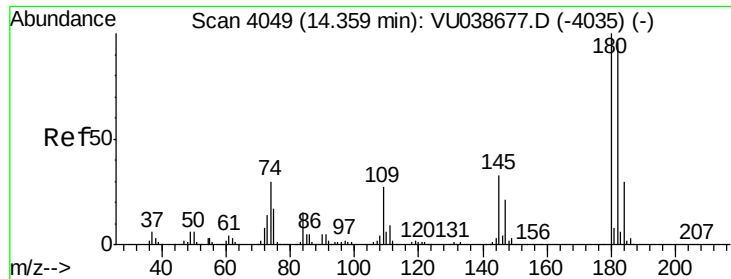
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
145	31.2	25.4	38.2



#69
 Naphthalene
 Concen: 2.460 ug/L
 RT: 14.13 min Scan# 3977
 Delta R.T. 0.02 min
 Lab File: VU038678.D
 Acq: 08 Jun 2020 19:32

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	16.0
129	10.8	8.6	12.8





#70
 1,2,3-Trichlorobenzene
 Concen: 2.148 ug/L
 RT: 14.37 min Scan# 4054
 Delta R.T. 0.02 min
 Lab File: VU038678.D
 Acq: 08 Jun 2020 19:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK38

Tot Ion:	180	Resp:	13442
Ion	Ratio	Lower	Upper
180	100		
182	91.0	75.9	113.9
145	30.6	26.4	39.6

