

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032519\
 Data File : VU030409.D
 Acq On : 25 Mar 2019 17:55
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK56

Quant Time: Mar 26 02:04:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 01:25:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	447161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	423438	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	163527	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	182197	50.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.26%
7) Chloroethane-d5	1.68	69	143498	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.62%
11) 1,1-Dichloroethene-d2	2.27	63	248732	36.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.88%
21) 2-Butanone-d5	4.17	46	316787	93.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.64%
24) Chloroform-d	4.64	84	294437	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
26) 1,2-Dichloroethane-d4	5.31	65	199143	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
32) Benzene-d6	5.34	84	598739	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
36) 1,2-Dichloropropane-d6	6.33	67	213975	51.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.00%
41) Toluene-d8	7.56	98	511883	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%
43) trans-1,3-Dichloropropene-	7.85	79	89453	45.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.58%
47) 2-Hexanone-d5	8.31	63	214543	95.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	274022	46.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	166886	50.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.86%

Target Compounds

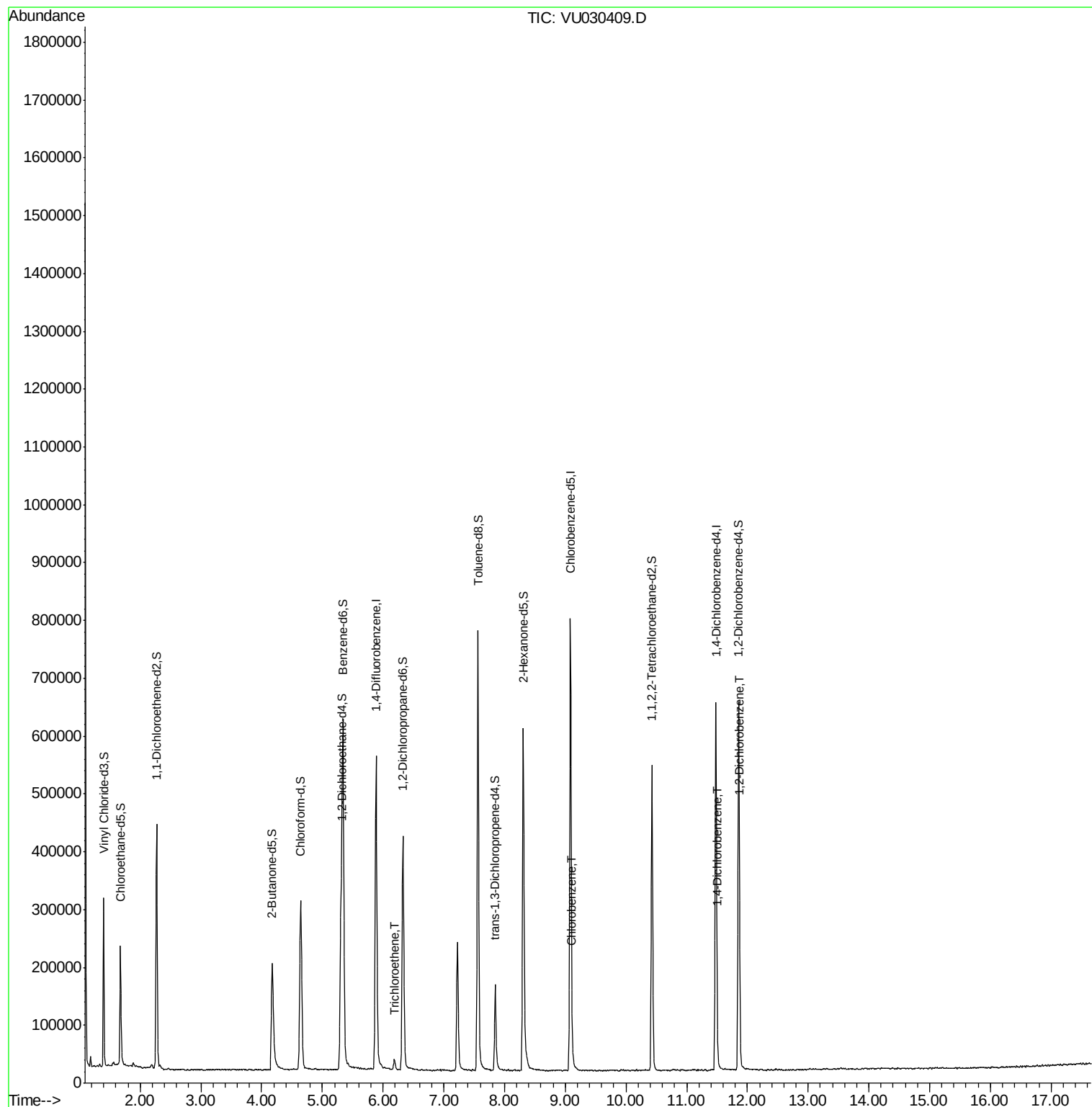
					Ovalue
34) Trichloroethene	6.18	95	6081	1.716 ug/L	90
51) Chlorobenzene	9.12	112	9300	1.026 ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	7200	1.308 ug/L	93
65) 1,2-Dichlorobenzene	11.88	146	6592	1.219 ug/L #	89

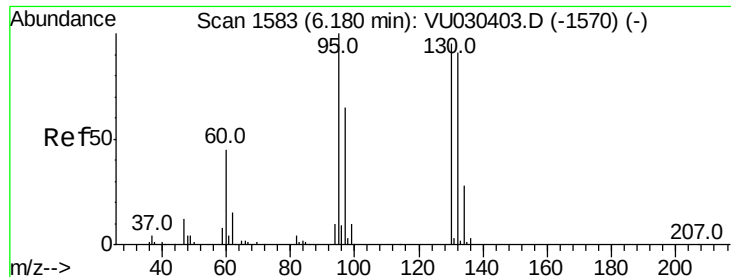
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 1.716 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030409.D

Acq: 25 Mar 2019 17:55

Instrument :

MSVOA_U

ClientSampleId :

VBLK56

Tot Ion: 95 Resp: 6081

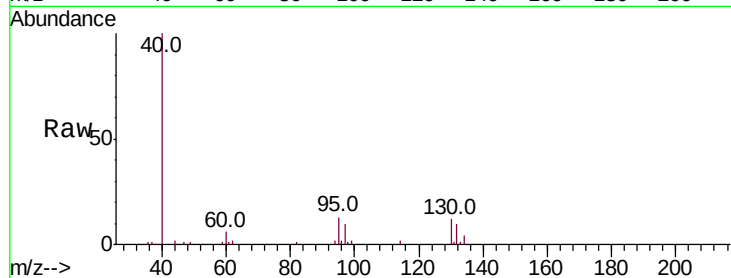
Ion Ratio Lower Upper

95 100

97 76.1 45.7 84.9

132 75.4 63.8 118.4

130 94.4 65.7 121.9

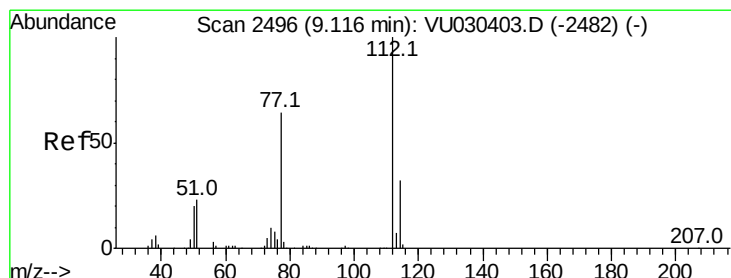
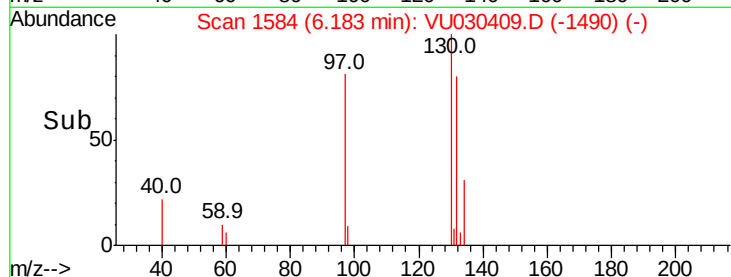
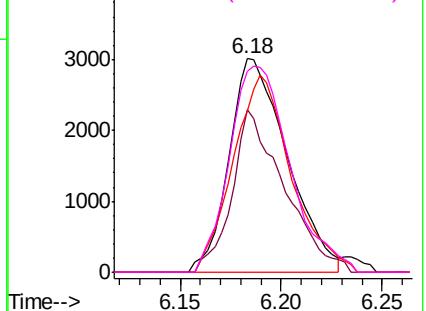


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#51

Chlorobenzene

Concen: 1.026 ug/L

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU030409.D

Acq: 25 Mar 2019 17:55

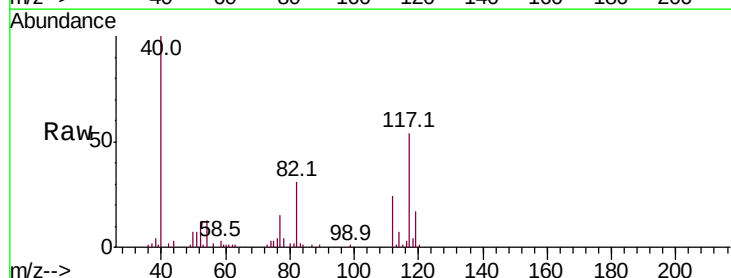
Tgt Ion: 112 Resp: 9300

Ion Ratio Lower Upper

112 100

114 30.5 21.5 39.9

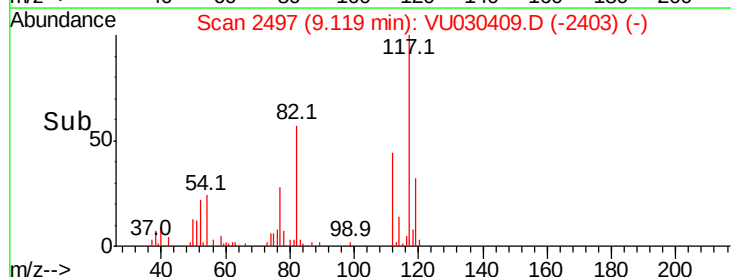
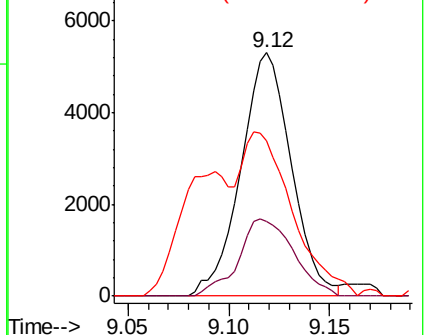
77 63.8 51.4 77.0

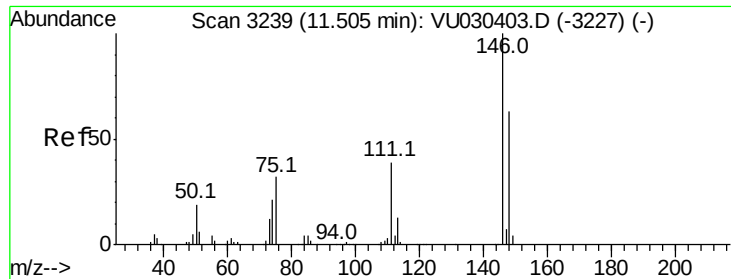


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

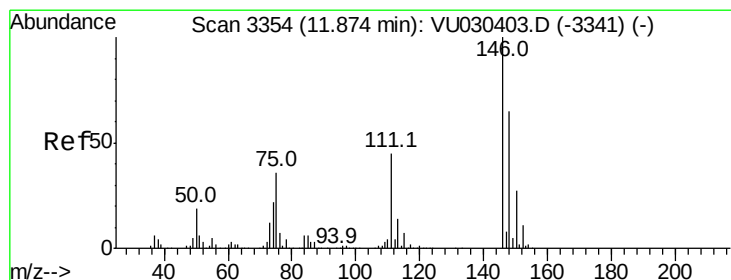
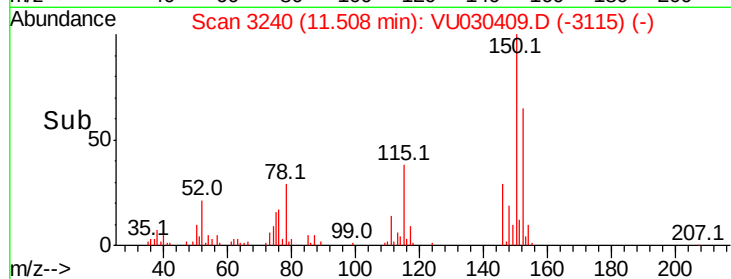
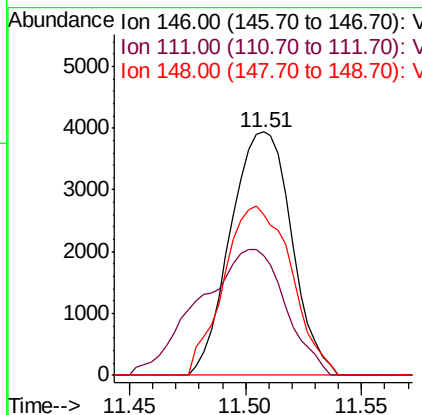
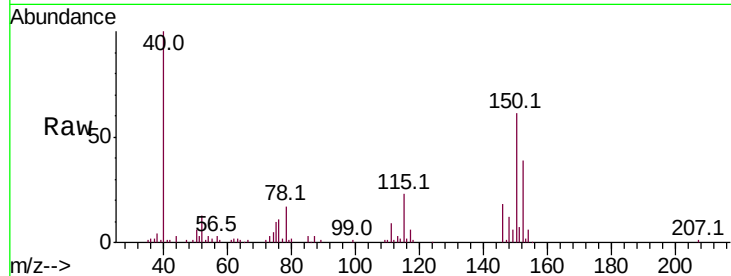




#63
 1,4-Dichlorobenzene
 Concen: 1.308 ug/L
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU030409.D
 Acq: 25 Mar 2019 17:55

Instrument :
 MSVOA_U
 ClientSampled :
 VBLK56

Tot Ion:146 Resp: 7200
 Ion Ratio Lower Upper
 146 100
 111 48.8 28.7 53.3
 148 66.1 44.3 82.3



#65
 1,2-Dichlorobenzene
 Concen: 1.219 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030409.D
 Acq: 25 Mar 2019 17:55

Tgt Ion:146 Resp: 6592
 Ion Ratio Lower Upper
 146 100
 111 59.0 34.9 52.3#
 148 65.2 51.2 76.8

