

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037075.D
 Acq On : 05 Mar 2020 12:03
 Operator : JC/MD
 Sample : L1784-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ5

Quant Time: Mar 06 00:00:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	220350	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	210305	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	74395	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93229	50.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.76%
7) Chloroethane-d5	1.93	69	92207	60.22	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.44%
11) 1,1-Dichloroethene-d2	2.59	63	128346	41.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.84%
21) 2-Butanone-d5	4.67	46	162108	130.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.60%#
24) Chloroform-d	5.11	84	177738	62.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.80%#
26) 1,2-Dichloroethane-d4	5.74	65	122173	63.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	127.78%#
32) Benzene-d6	5.76	84	380806	62.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.24%#
36) 1,2-Dichloropropane-d6	6.72	67	126409	64.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	128.32%#
41) Toluene-d8	7.92	98	334165	59.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.46%
43) trans-1,3-Dichloropropene-	8.20	79	52042	56.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.68%
47) 2-Hexanone-d5	8.66	63	109213	113.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	174996	63.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	126.00%#
64) 1,2-Dichlorobenzene-d4	12.21	152	97719	67.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	134.38%#

Target Compounds

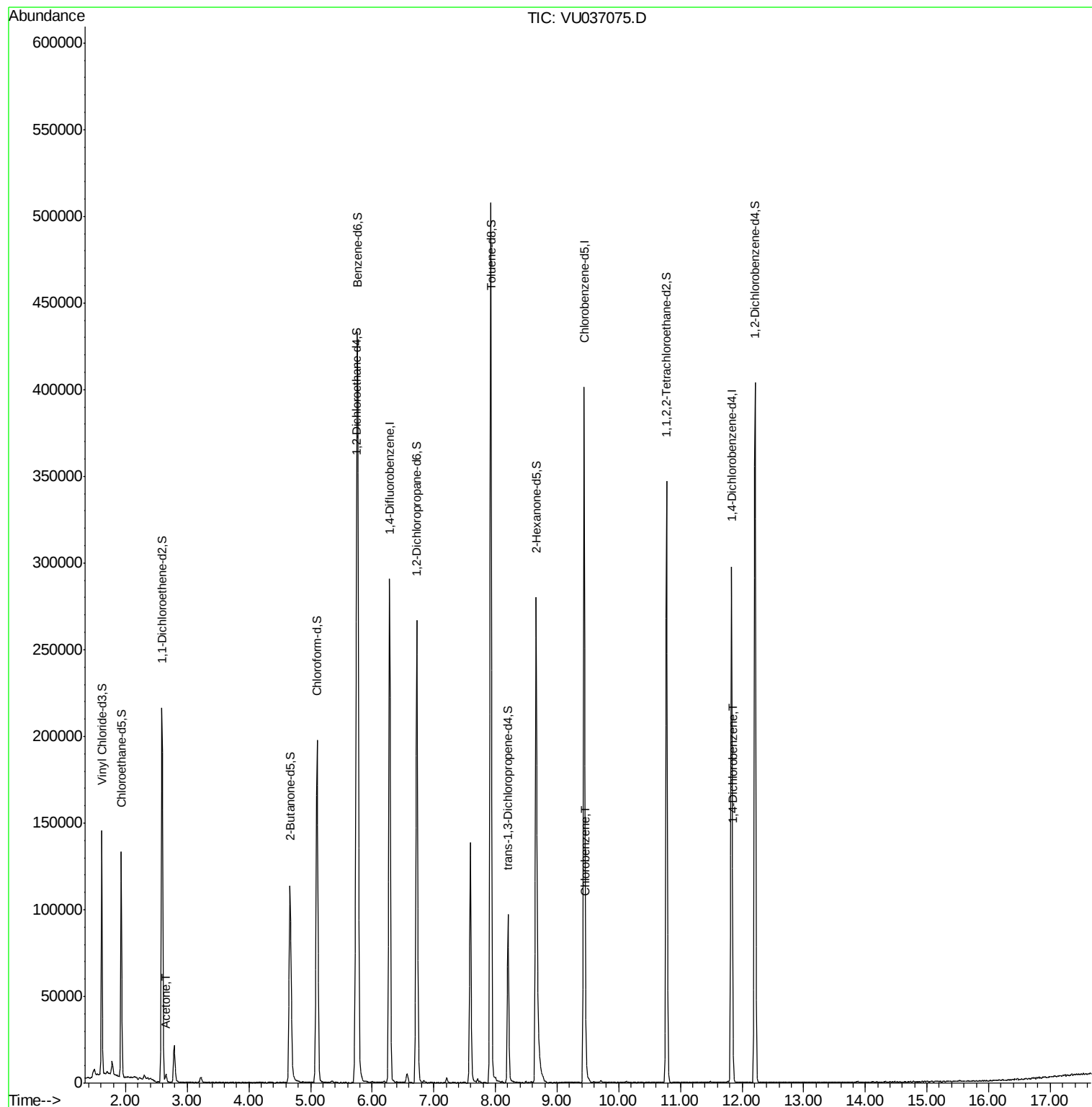
					Ovalue
13) Acetone	2.66	43	4816	3.772 ug/L	90
51) Chlorobenzene	9.47	112	4825	1.150 ug/L	94
63) 1,4-Dichlorobenzene	11.85	146	3038	1.274 ug/L	98

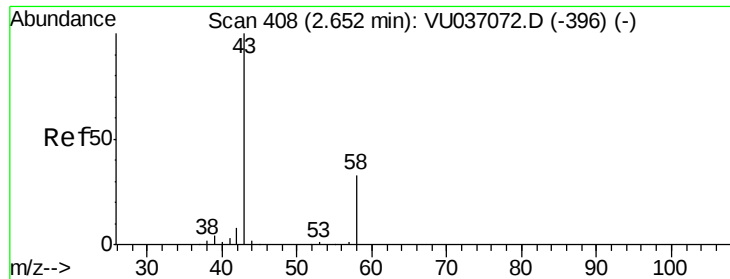
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU030520\
Data File : VU037075.D
Acq On : 05 Mar 2020 12:03
Operator : JC/MD
Sample : L1784-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AZ5

Quant Time: Mar 06 00:00:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 22:35:59 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.772 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037075.D

Acq: 05 Mar 2020 12:03

Instrument :

MSVOA_U

ClientSampleId :

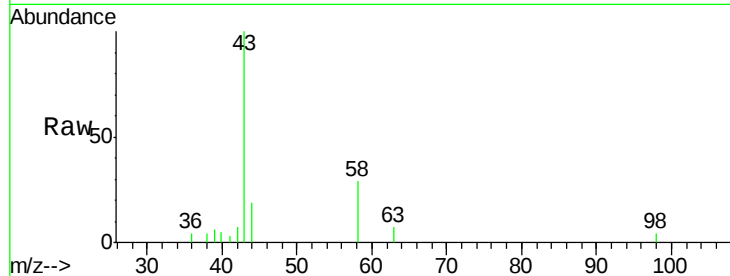
C0AZ5

Tot Ion: 43 Resp: 4816

Ion Ratio Lower Upper

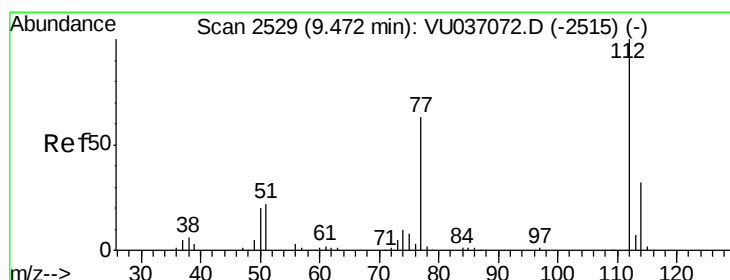
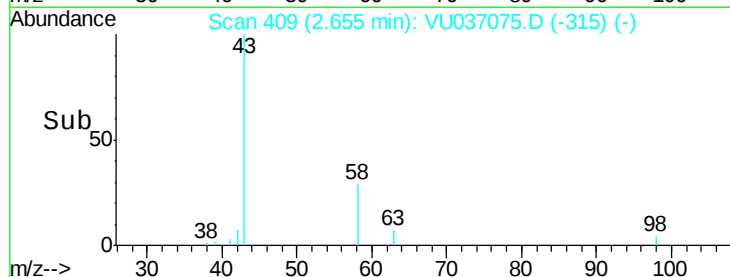
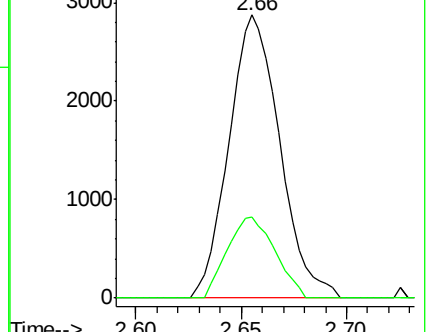
43 100

58 26.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037075.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VU037075.D (-315) (-)



#51

Chlorobenzene

Concen: 1.150 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU037075.D

Acq: 05 Mar 2020 12:03

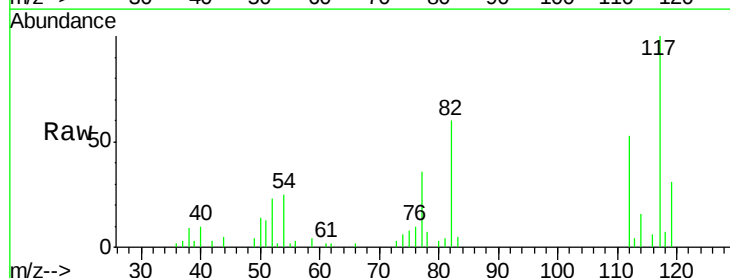
Tgt Ion: 112 Resp: 4825

Ion Ratio Lower Upper

112 100

114 29.9 22.3 41.5

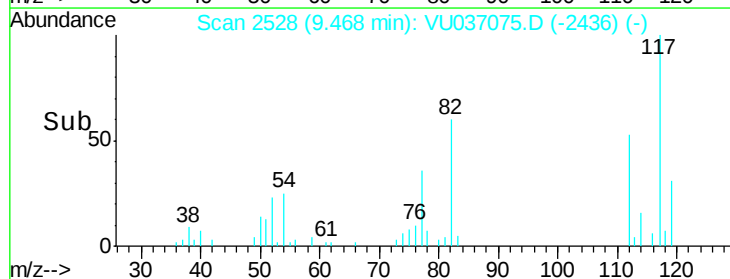
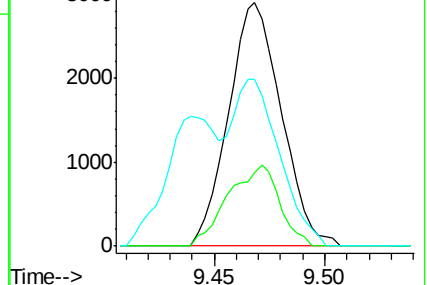
77 68.4 50.1 75.1

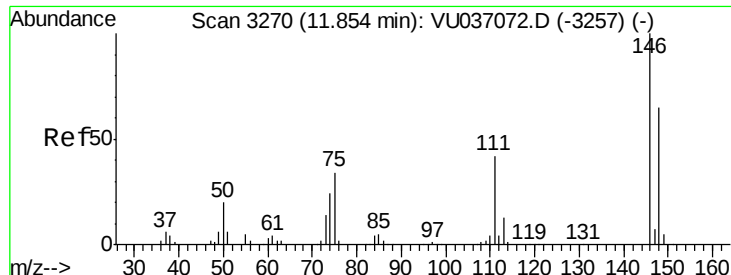


Abundance Ion 112.00 (111.70 to 112.70): VU037075.D (-2436) (-)

Ion 114.00 (113.70 to 114.70): VU037075.D (-2436) (-)

Ion 77.00 (76.70 to 77.70): VU037075.D (-2436) (-)





#63

1,4-Dichlorobenzene

Concen: 1.274 ug/L

RT: 11.85 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU037075.D

Acq: 05 Mar 2020 12:03

Instrument :

MSVOA_U

ClientSampleId :

C0AZ5

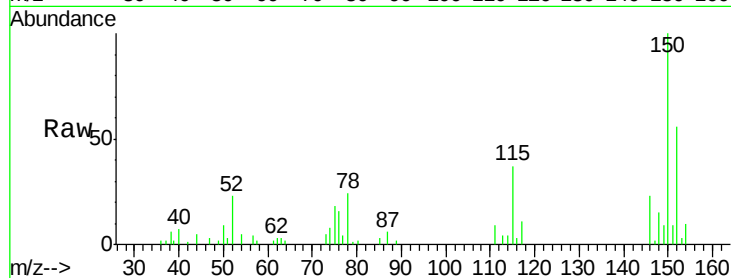
Tot Ion:146 Resp: 3038

Ion Ratio Lower Upper

146 100

111 40.7 29.8 55.4

148 65.2 45.1 83.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

