

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
 Data File : VU038269.D
 Acq On : 21 May 2020 17:02
 Operator : JC/MD
 Sample : L2724-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4W1

Quant Time: May 22 02:20:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 01:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	466835	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	449148	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	219457	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122753	2.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.60%
7) Chloroethane-d5	1.93	69	136028	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.59	63	186784	2.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.40%#
20) 2-Butanone-d5	4.66	46	536356	50.91	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.82%
24) Chloroform-d	5.10	84	287315	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.74	65	170247	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.76	84	597068	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.72	67	198843	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.92	98	525420	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.20	79	71920	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.65	63	496581	60.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	172640	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	210853	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

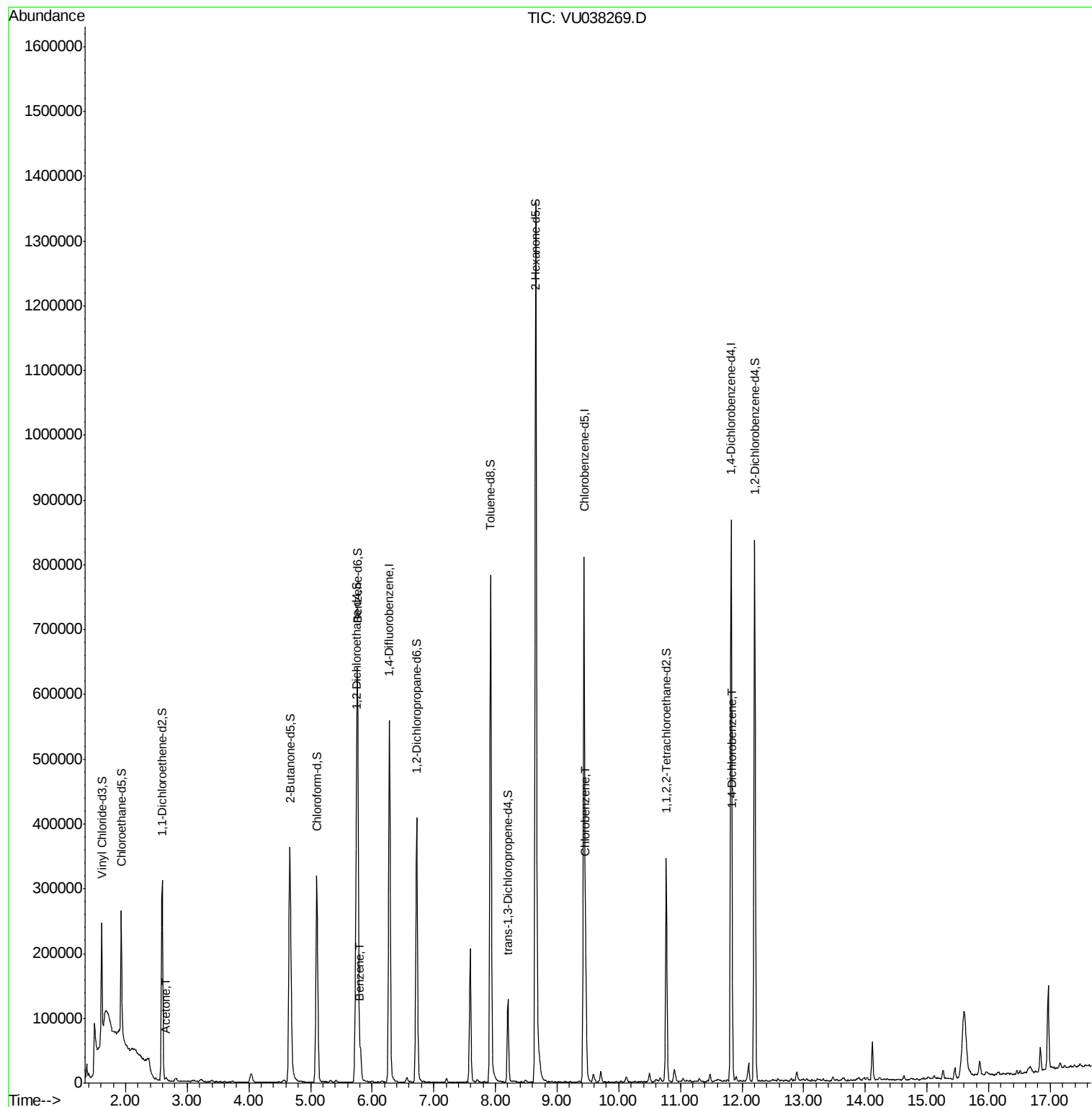
					Ovalue
13) Acetone	2.66	43	5568	0.842 ug/L	99
33) Benzene	5.81	78	44066	0.306 ug/L	100
51) Chlorobenzene	9.47	112	85045	0.903 ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	11365	0.157 ug/L	87

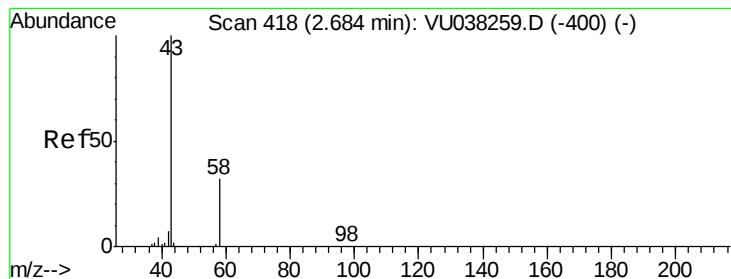
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.842 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU038269.D

Acq: 21 May 2020 17:02

Instrument :

MSVOA_U

ClientSampled :

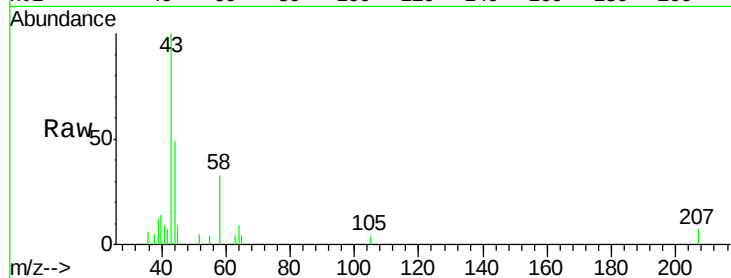
BE4W1

Tot Ion: 43 Resp: 5568

Ion Ratio Lower Upper

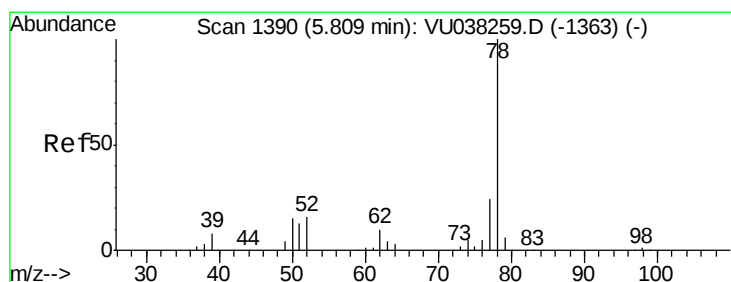
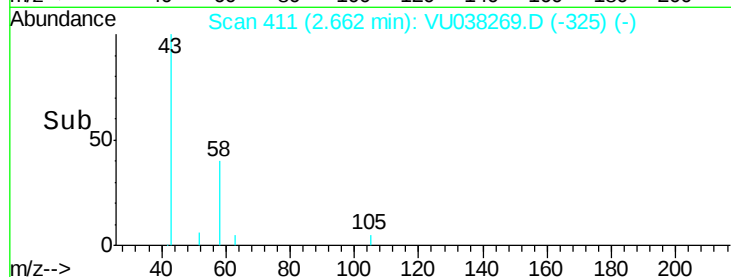
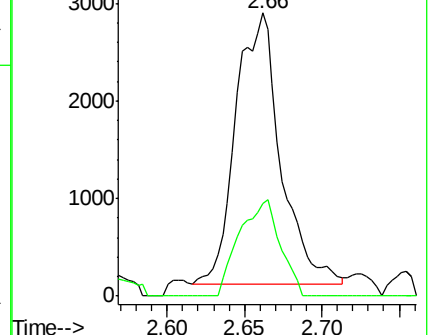
43 100

58 32.4 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038259.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038259.D (-400) (-)



#33

Benzene

Concen: 0.306 ug/L

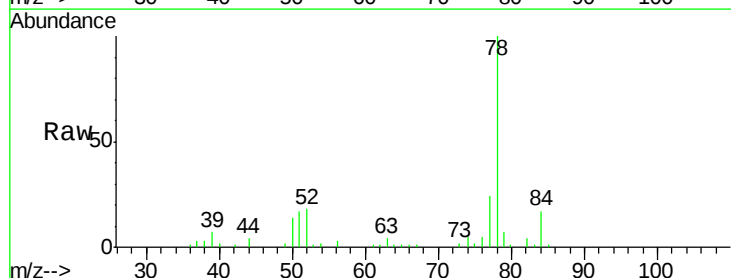
RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

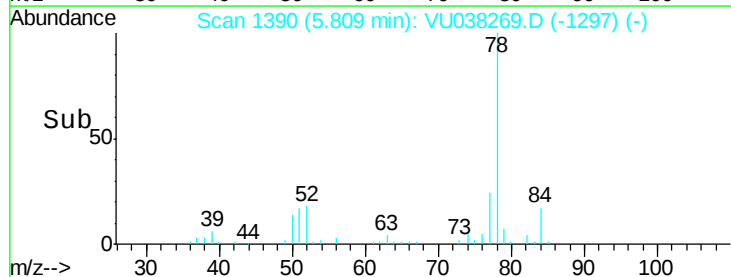
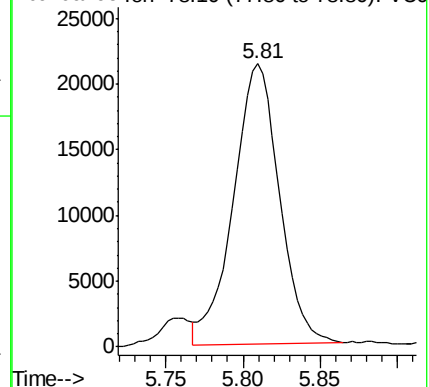
Lab File: VU038269.D

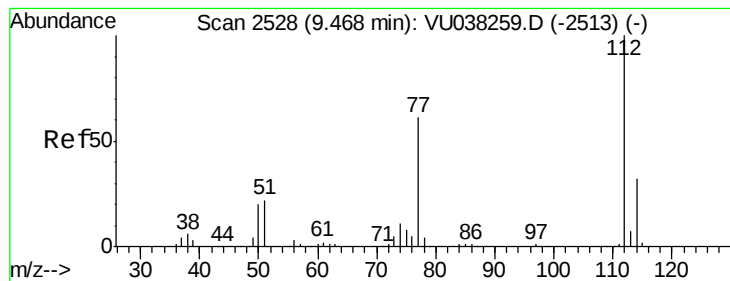
Acq: 21 May 2020 17:02

Tgt Ion: 78 Resp: 44066



Abundance Ion 78.10 (77.80 to 78.80): VU038259.D (-1363) (-)





#51

Chlorobenzene

Concen: 0.903 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038269.D

Acq: 21 May 2020 17:02

Instrument :

MSVOA_U

ClientSampled :

BE4W1

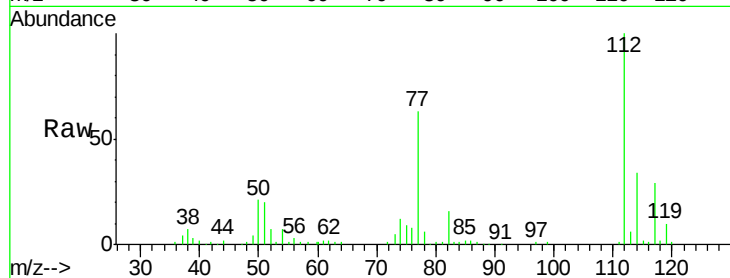
Tot Ion:112 Resp: 85045

Ion Ratio Lower Upper

112 100

114 34.0 22.5 41.7

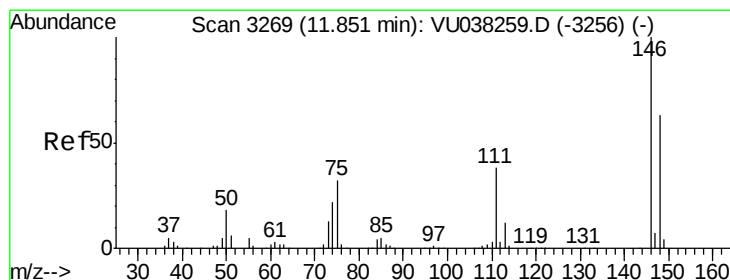
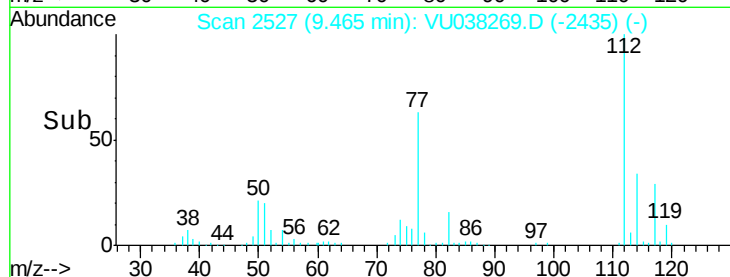
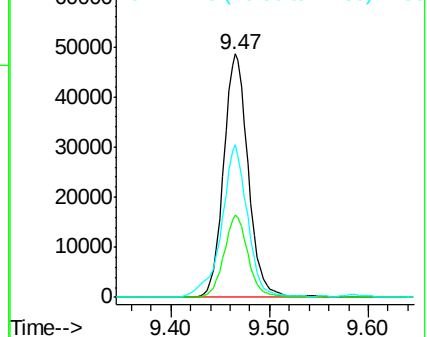
77 62.5 49.9 74.9



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#63

1,4-Dichlorobenzene

Concen: 0.157 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038269.D

Acq: 21 May 2020 17:02

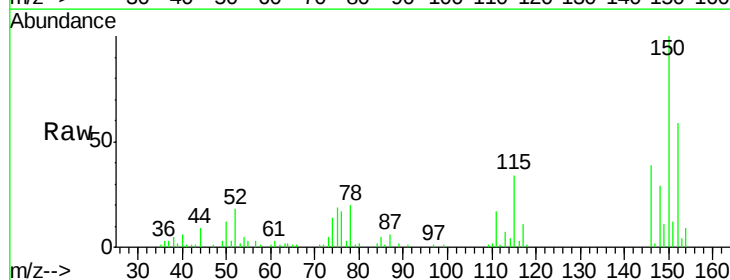
Tgt Ion:146 Resp: 11365

Ion Ratio Lower Upper

146 100

111 44.2 27.2 50.6

148 74.8 43.8 81.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

