

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081320\
 Data File : VU039851.D
 Acq On : 13 Aug 2020 15:17
 Operator : SY/MD
 Sample : L3683-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0B1

Quant Time: Aug 14 02:19:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 14 01:47:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69559	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33333	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17295	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.92	69	18467	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.58	63	26856	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.65	46	74333	45.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.14%
24) Chloroform-d	5.08	84	38719	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.72	65	24906	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.74	84	73414	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.70	67	25746	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.91	98	59015	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	9479	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.64	63	51231	43.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22915	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	26791	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

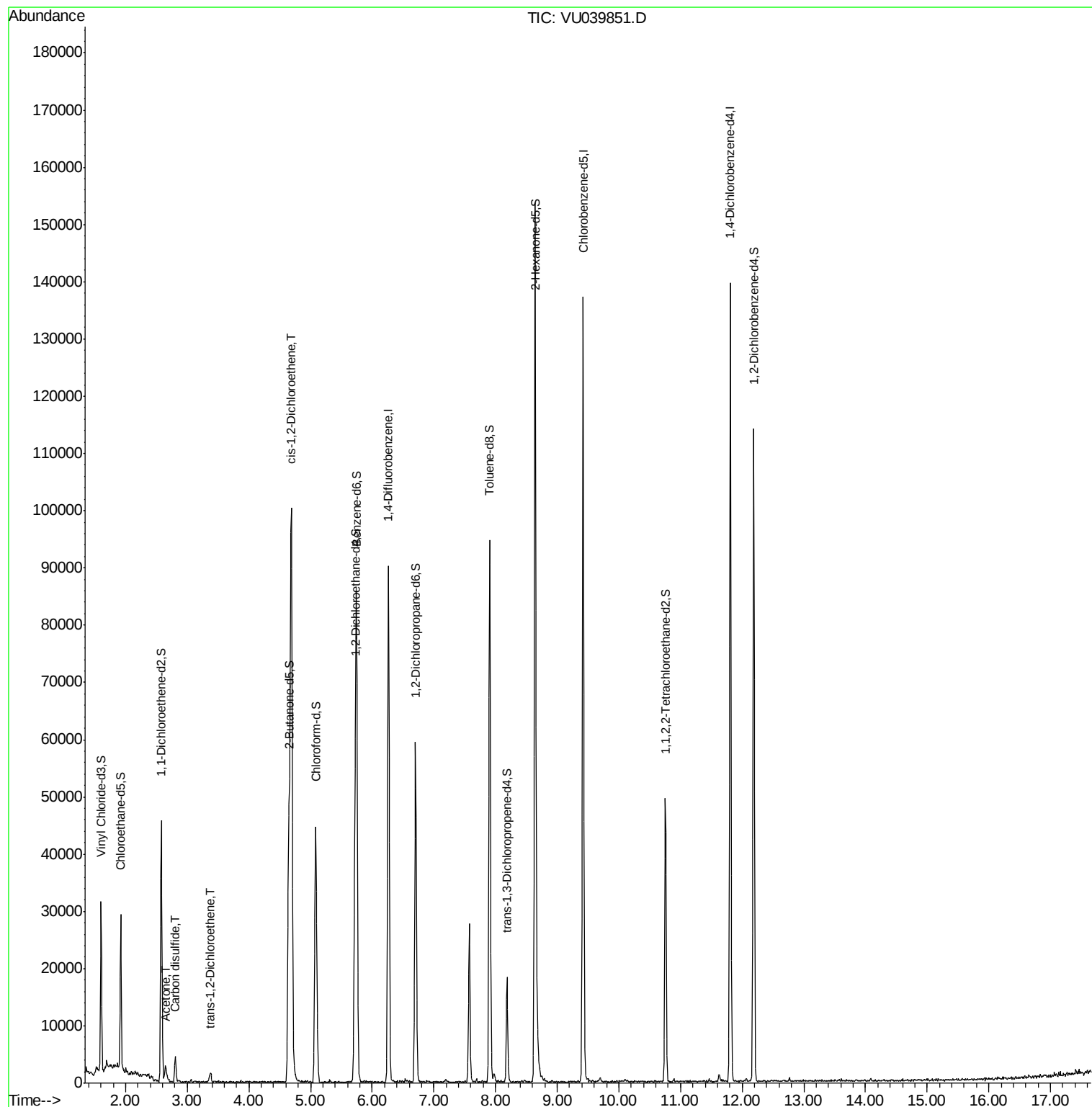
					Ovalue
13) Acetone	2.65	43	4456	4.582 ug/L	80
14) Carbon disulfide	2.81	76	5158	0.398 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	677	0.147 ug/L #	82
22) cis-1,2-Dichloroethene	4.69	96	45355	9.041 ug/L	97

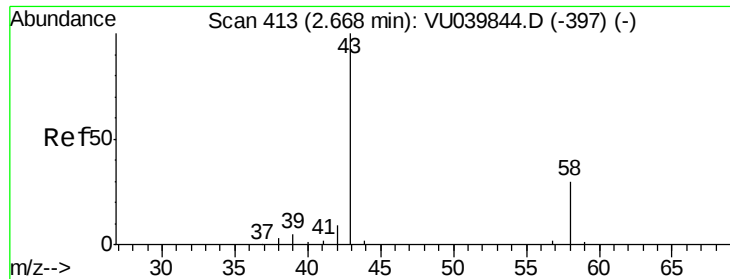
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.582 ug/L

RT: 2.65 min Scan# 406

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

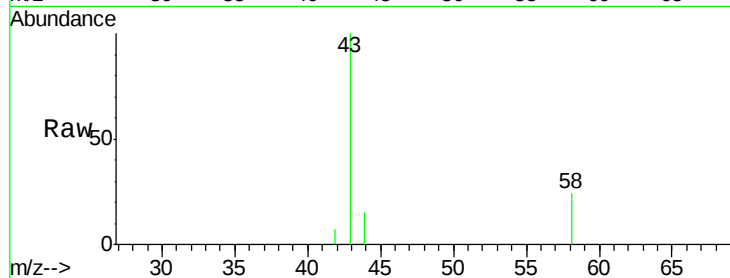
BG0B1

Tot Ion: 43 Resp: 4456

Ion Ratio Lower Upper

43 100

58 20.1 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039851.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU039851.D (-320) (-)

2.65

2000

1500

1000

500

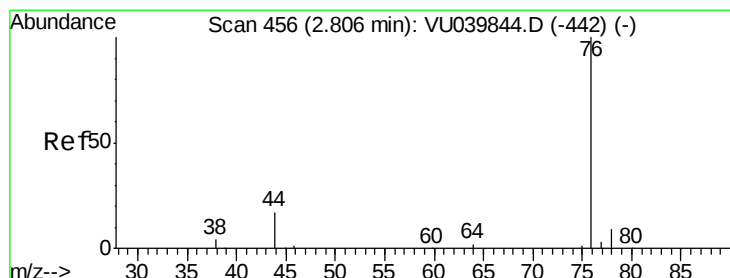
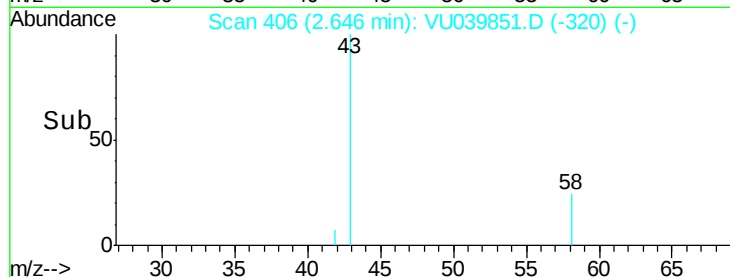
0

Time-->

2.60

2.65

2.70



#14

Carbon disulfide

Concen: 0.398 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039851.D

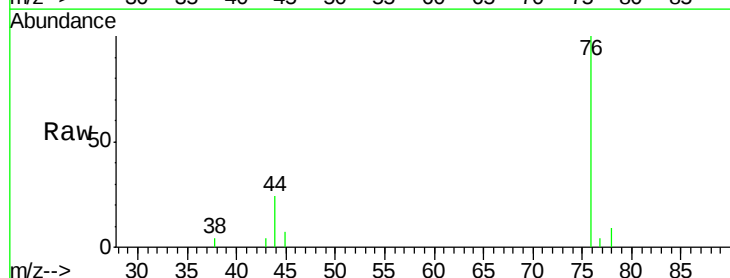
Acq: 13 Aug 2020 15:17

Tgt Ion: 76 Resp: 5158

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6



Abundance Ion 76.05 (75.75 to 76.75): VU039851.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU039851.D (-363) (-)

2.81

3000

2000

1000

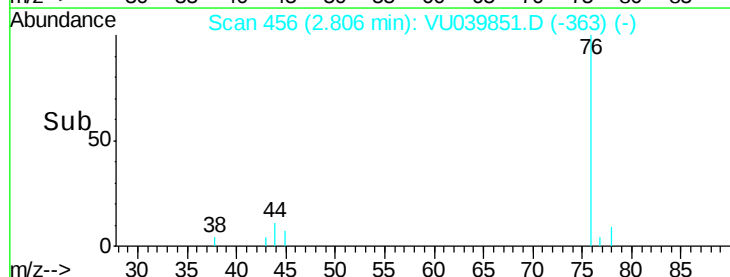
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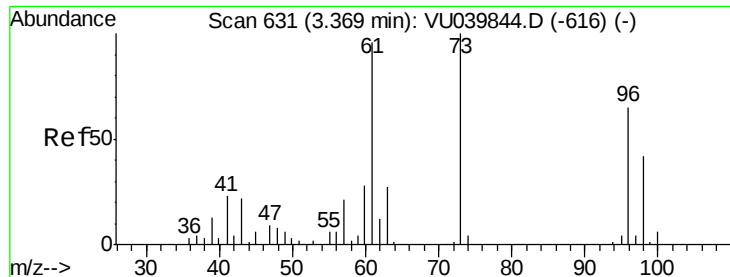
Time-->

2.75

2.80

2.85





#18

trans-1,2-Dichloroethene

Concen: 0.147 ug/L

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

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Acq: 13 Aug 2020 15:17

Instrument :

MSVOA_U

ClientSampleId :

BG0B1

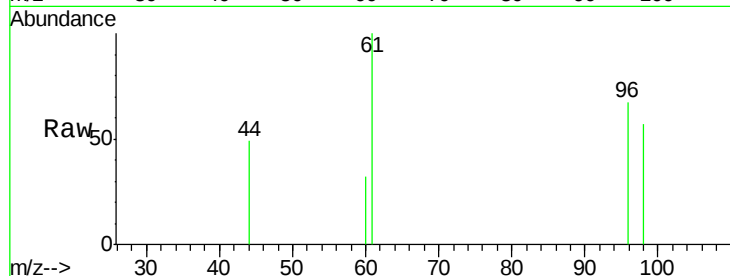
Tot Ion: 96 Resp: 677

Ion Ratio Lower Upper

96 100

61 149.8 96.5 179.1

98 85.6 40.9 76.0#

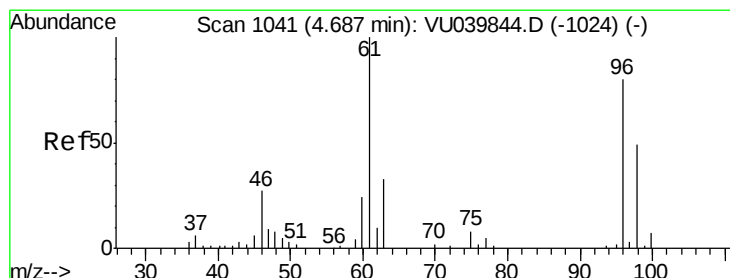
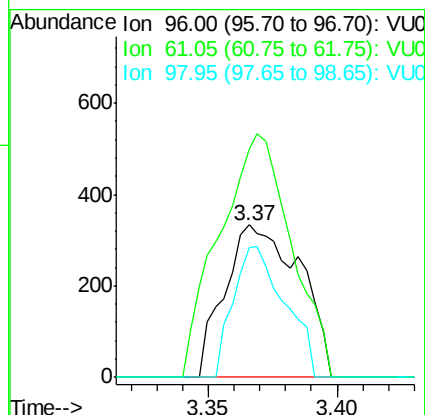
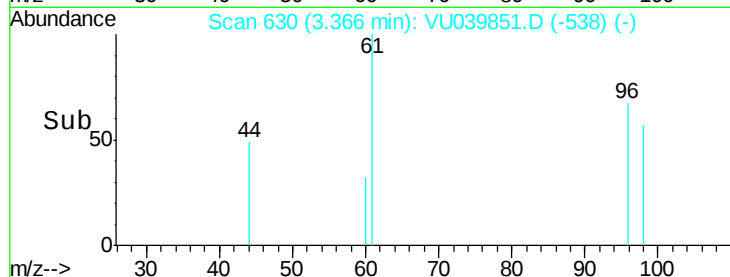


Abundance Ion 96.00 (95.70 to 96.70): VU039844.D (-616) (-)

Ion 61.05 (60.75 to 61.75): VU039844.D (-616) (-)

Ion 97.95 (97.65 to 98.65): VU039844.D (-616) (-)

Time-->



#22

cis-1,2-Dichloroethene

Concen: 9.041 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU039851.D

Acq: 13 Aug 2020 15:17

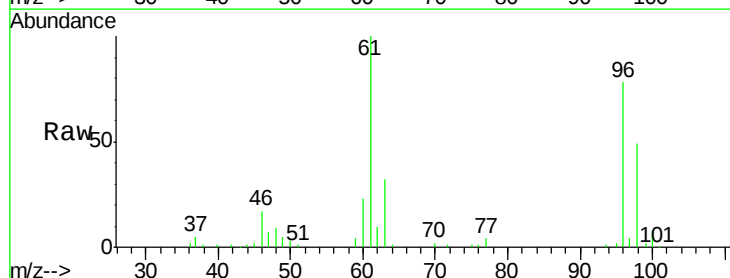
Tgt Ion: 96 Resp: 45355

Ion Ratio Lower Upper

96 100

61 128.5 87.4 162.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039844.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU039844.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU039844.D (-1024) (-)

Time-->

