

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041259.D
 Acq On : 16 Nov 2020 19:59
 Operator : SY/MD
 Sample : L4740-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB112

Quant Time: Nov 17 10:06:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 12:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	62325	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63723	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25197	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	23368	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.92	69	21527	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.58	63	33762	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.65	46	96812	51.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.44%
24) Chloroform-d	5.08	84	52458	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.72	65	32410	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.74	84	86768	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.70	67	32761	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.91	98	69156	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.19	79	10830	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.64	63	65805	48.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30264	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	22218	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

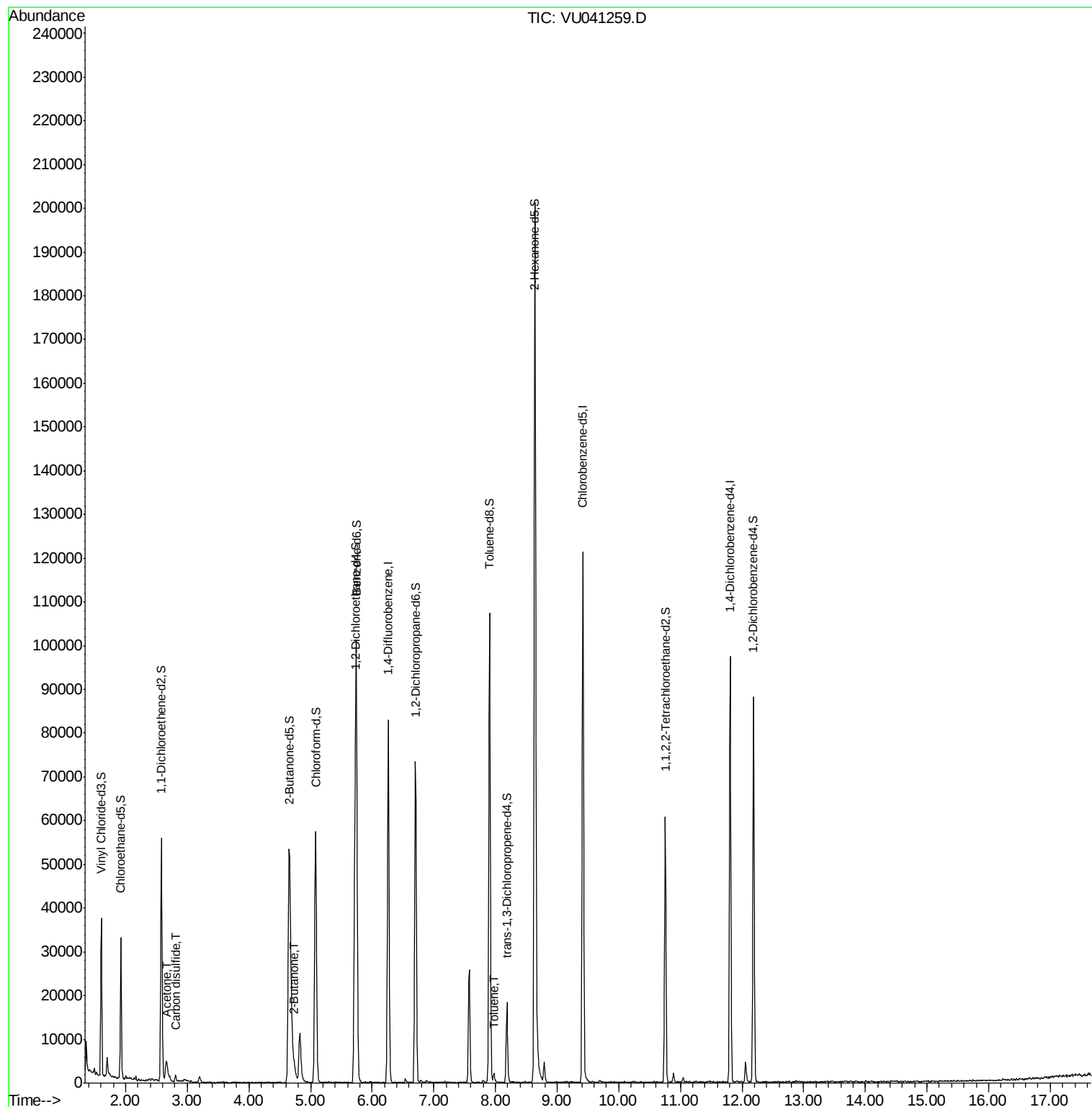
					Ovalue
13) Acetone	2.66	43	10654	8.496 ug/L #	61
14) Carbon disulfide	2.81	76	2039	0.171 ug/L #	85
21) 2-Butanone	4.74	43	2432	1.277 ug/L	84
42) Toluene	7.98	91	1714	0.093 ug/L	84

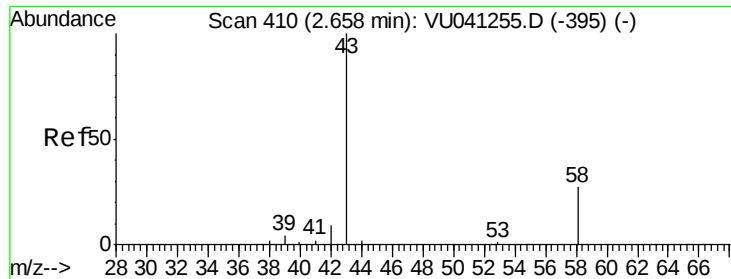
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.496 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU041259.D

Acq: 16 Nov 2020 19:59

Instrument :

MSVOA_U

ClientSampleId :

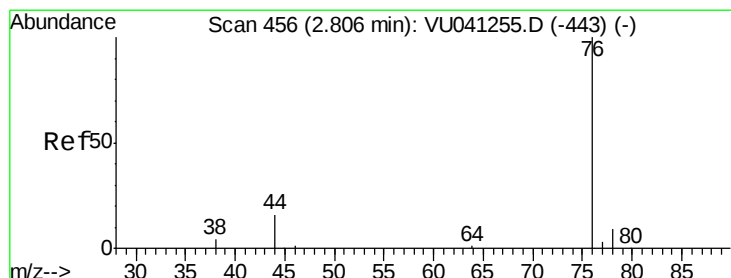
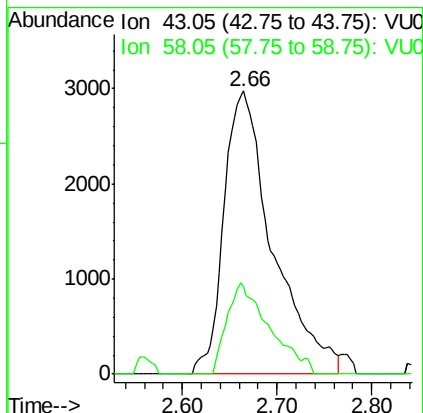
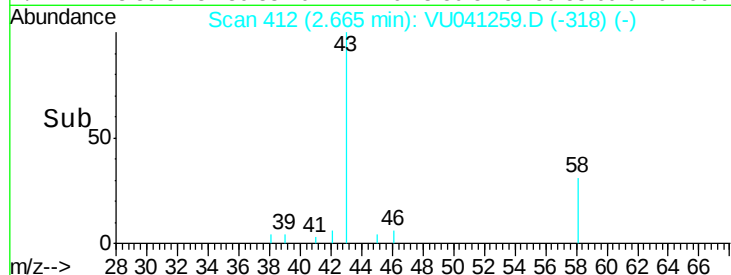
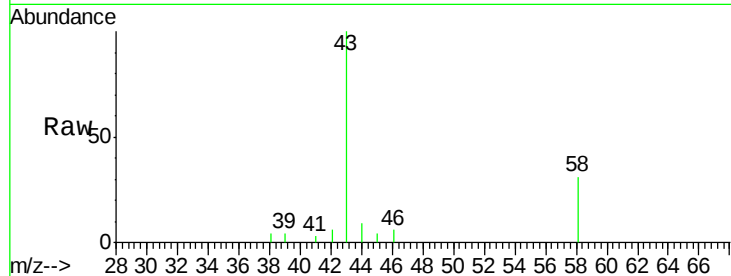
GB112

Tot Ion: 43 Resp: 10654

Ion Ratio Lower Upper

43 100

58 28.1 0.0 25.4#



#14

Carbon disulfide

Concen: 0.171 ug/L

RT: 2.81 min Scan# 458

Delta R.T. 0.01 min

Lab File: VU041259.D

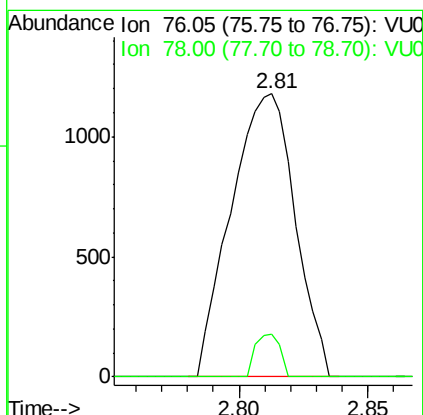
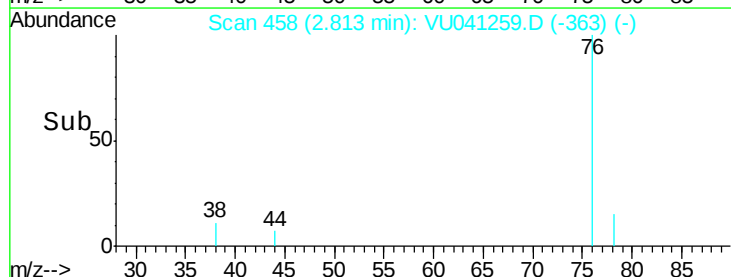
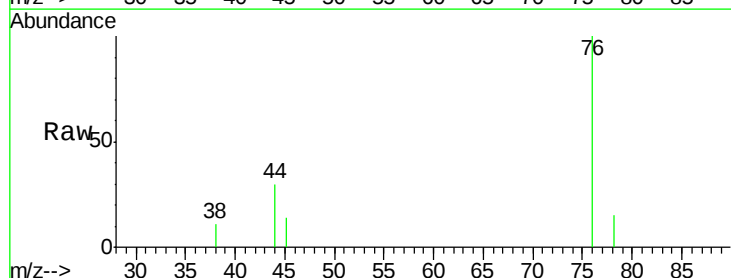
Acq: 16 Nov 2020 19:59

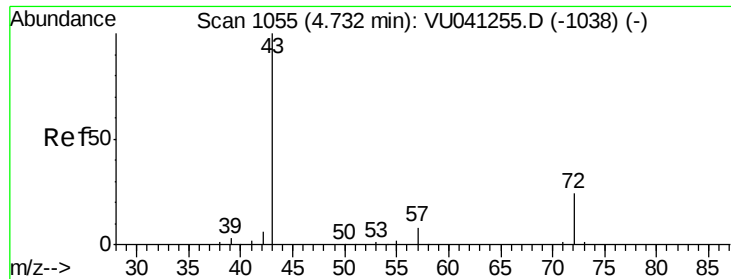
Tgt Ion: 76 Resp: 2039

Ion Ratio Lower Upper

76 100

78 14.9 7.5 11.3#





#21

2-Butanone

Concen: 1.277 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. 0.01 min

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Acq: 16 Nov 2020 19:59

Instrument :

MSVOA_U

ClientSampleId :

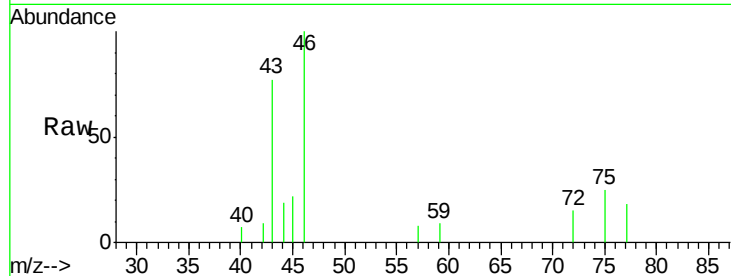
GB112

Tot Ion: 43 Resp: 2432

Ion Ratio Lower Upper

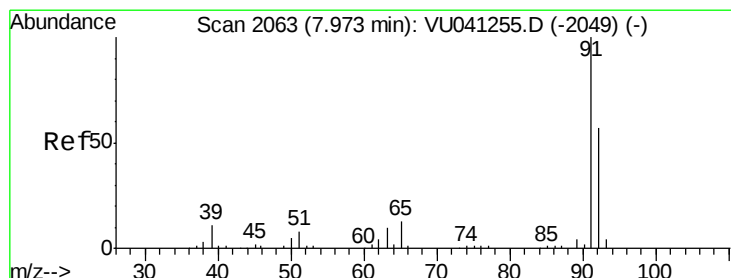
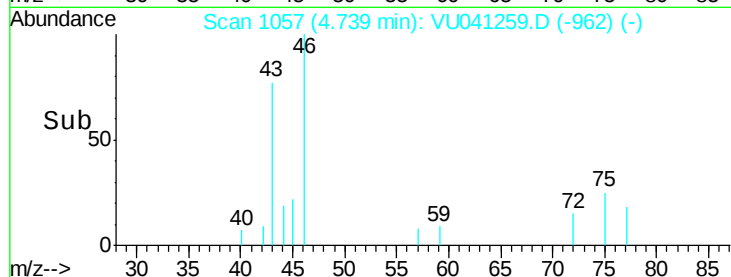
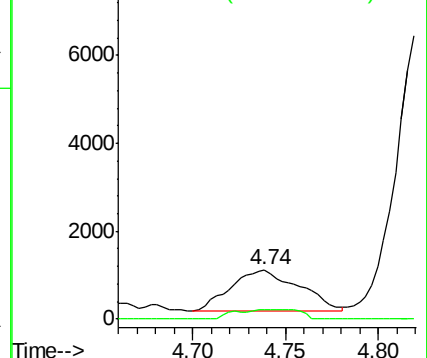
43 100

72 15.7 11.8 35.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0



#42

Toluene

Concen: 0.093 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

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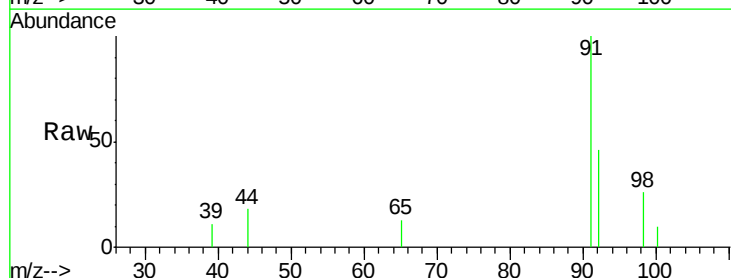
Acq: 16 Nov 2020 19:59

Tgt Ion: 91 Resp: 1714

Ion Ratio Lower Upper

91 100

92 46.2 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

