

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100220\
 Data File : VU040470.D
 Acq On : 02 Oct 2020 19:25
 Operator : SY/MD
 Sample : L4185-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT1

Quant Time: Oct 03 03:09:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 03 00:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120084	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118764	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55470	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32907	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	1.92	69	27668	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.58	63	51591	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.66	46	136835	46.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.68%
24) Chloroform-d	5.08	84	68765	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	42800	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.75	84	134545	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
36) 1,2-Dichloropropane-d6	6.70	67	46267	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.91	98	112411	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	8.19	79	17277	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.64	63	92906	44.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.62%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38903	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	46384	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

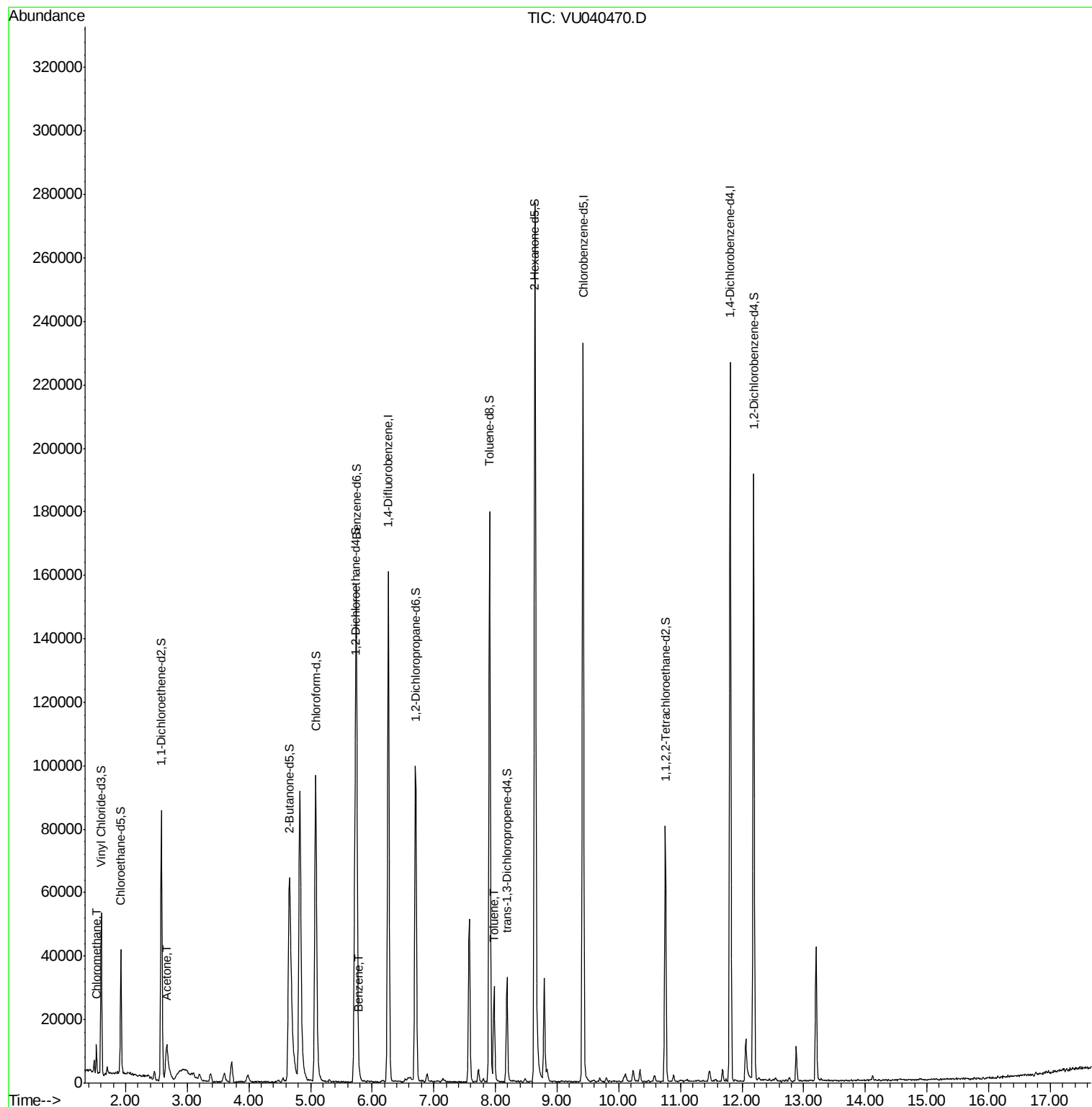
Target Compounds					Ovalue
3) Chloromethane	1.53	50	5462	0.462 ug/L	98
13) Acetone	2.67	43	26680	10.842 ug/L	94
33) Benzene	5.79	78	2418	0.061 ug/L	100
42) Toluene	7.98	91	20269	0.496 ug/L	98

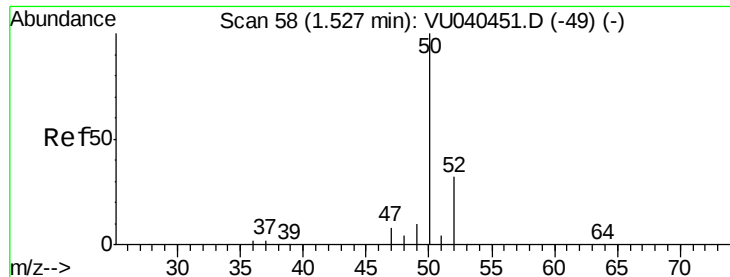
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.462 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040470.D

Acq: 02 Oct 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

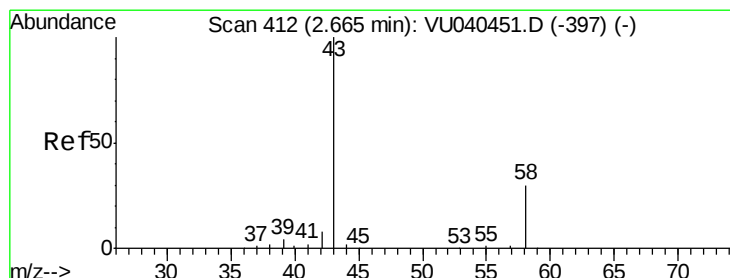
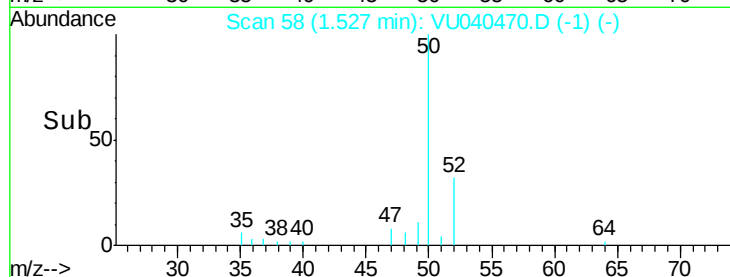
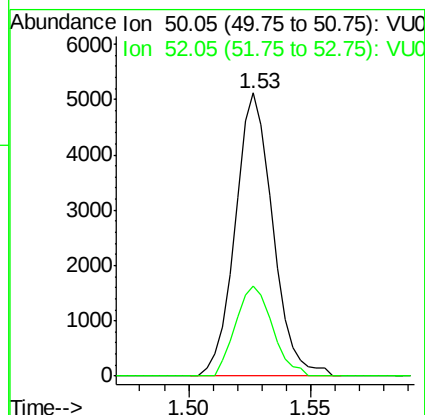
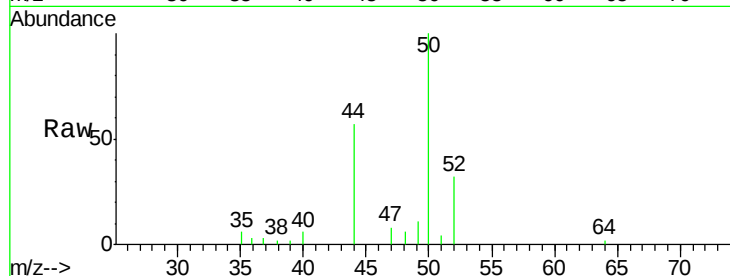
C0AT1

Tot Ion: 50 Resp: 5462

Ion Ratio Lower Upper

50 100

52 31.8 23.0 42.6



#13

Acetone

Concen: 10.842 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

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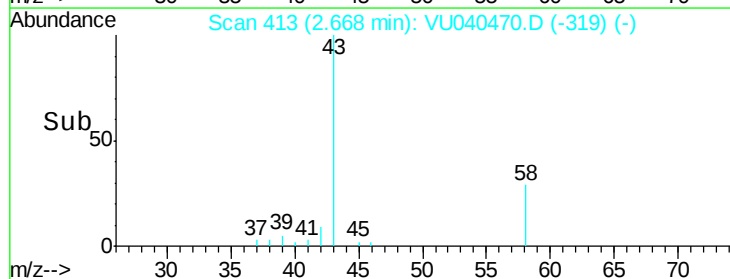
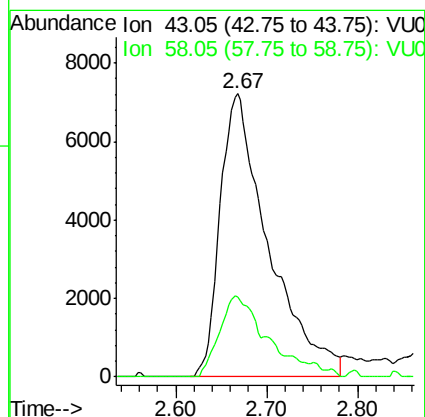
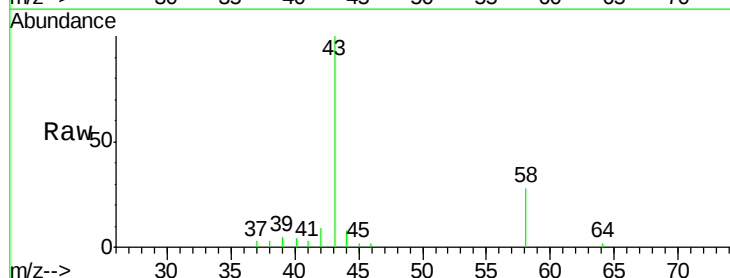
Acq: 02 Oct 2020 19:25

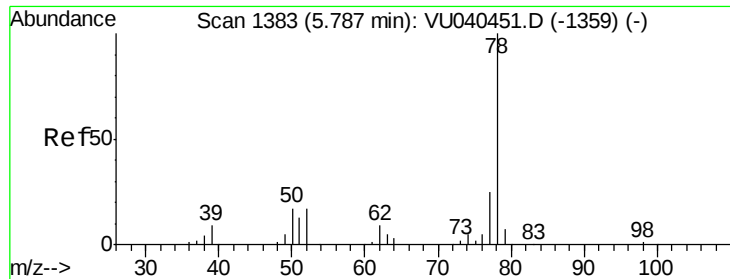
Tgt Ion: 43 Resp: 26680

Ion Ratio Lower Upper

43 100

58 27.5 0.0 61.8

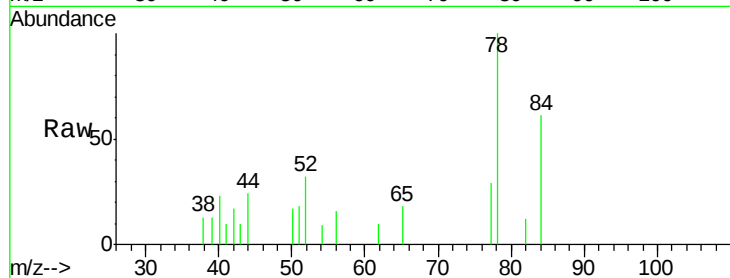




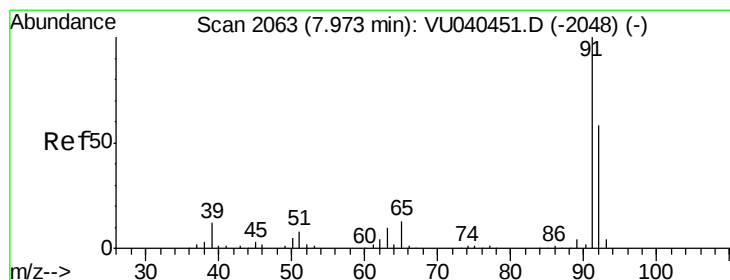
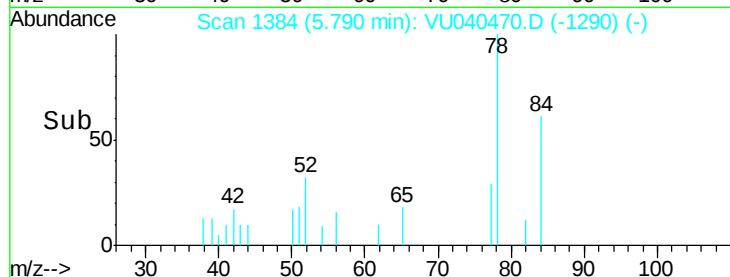
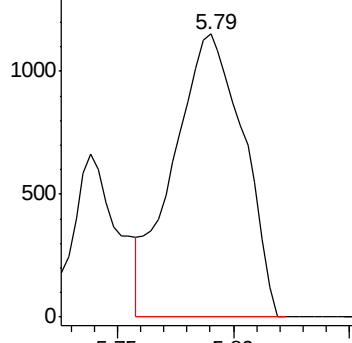
#33
Benzene
Concen: 0.061 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
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Tgt Ion: 78 Resp: 2418

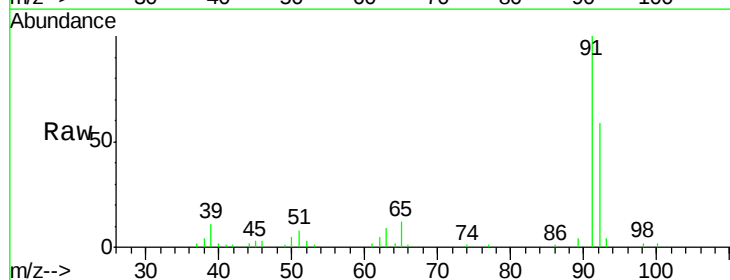


Abundance Ion 78.10 (77.80 to 78.80): VU0



#42
Toluene
Concen: 0.496 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040470.D
Acq: 02 Oct 2020 19:25

Tgt Ion: 91 Resp: 20269
Ion Ratio Lower Upper
91 100
92 58.7 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

