

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039793.D
 Acq On : 07 Aug 2020 18:54
 Operator : SY/MD
 Sample : L3617-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4G02

Quant Time: Aug 08 05:10:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	67926	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66068	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32083	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14414	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.92	69	16233	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.58	63	20370	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.65	46	82673	51.25	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.50%
24) Chloroform-d	5.08	84	41249	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.72	65	25965	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.75	84	69777	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.70	67	25529	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.91	98	50856	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
43) trans-1,3-Dichloropropene-	8.19	79	8831	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.64	63	56617	50.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.38%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25218	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	25971	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

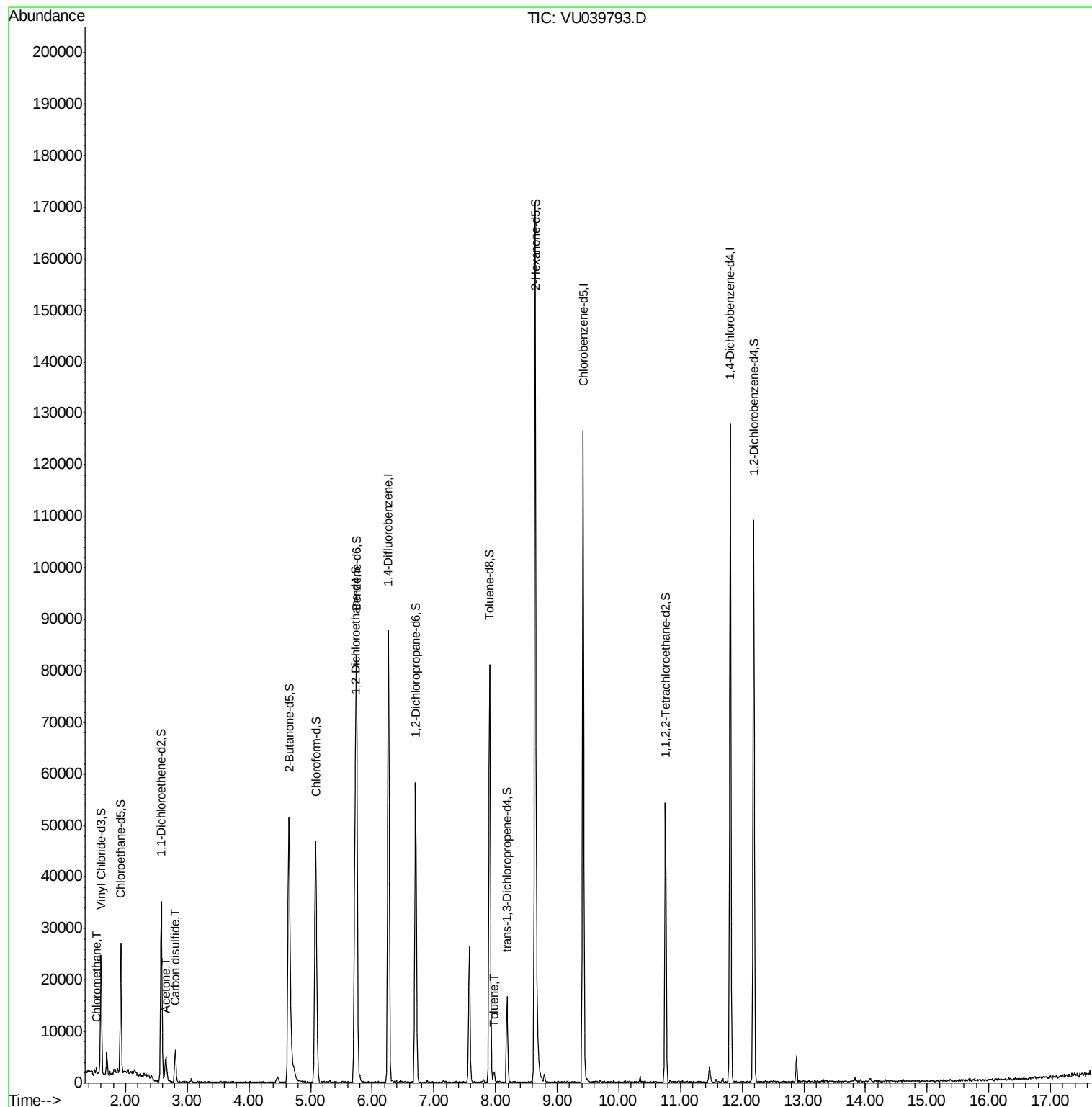
Target Compounds					Ovalue
3) Chloromethane	1.53	50	702	0.122 ug/L	93
13) Acetone	2.65	43	7092	7.457 ug/L	68
14) Carbon disulfide	2.81	76	7771	0.613 ug/L	97
42) Toluene	7.98	91	1691	0.089 ug/L	99

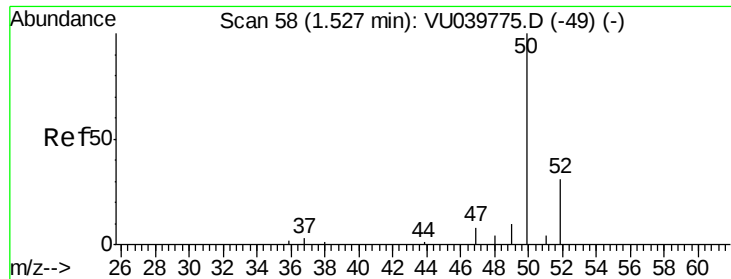
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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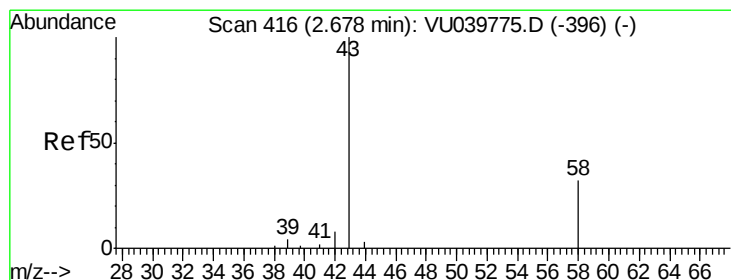
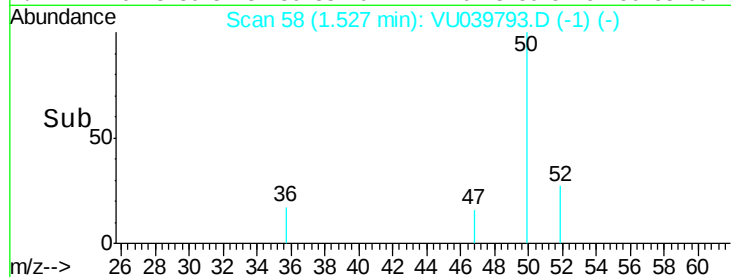
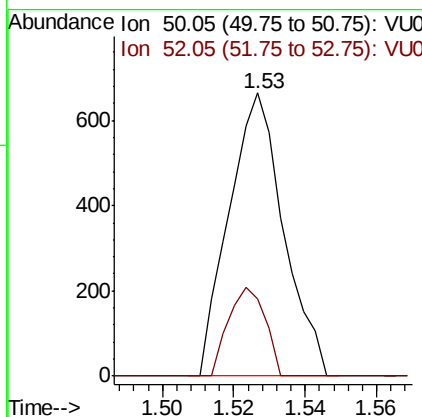
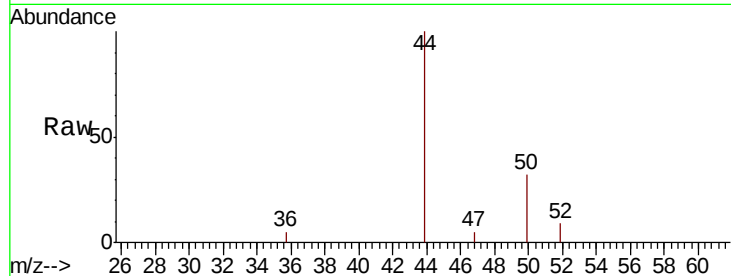




#3
 Chloromethane
 Concen: 0.122 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU039793.D
 Acq: 07 Aug 2020 18:54

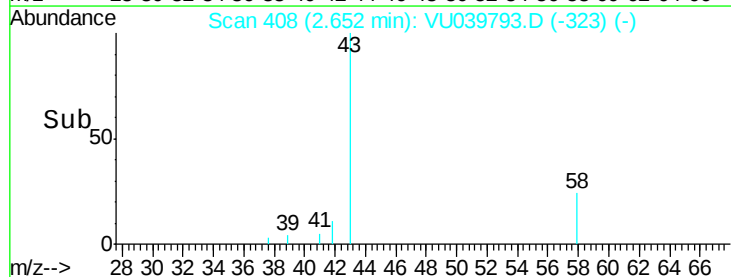
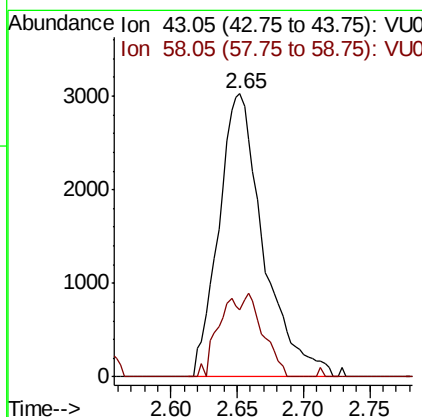
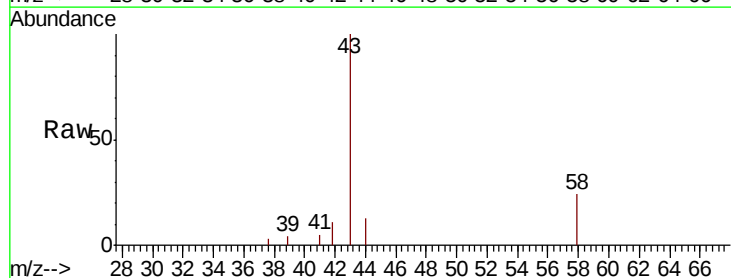
Instrument :
 MSVOA_U
 ClientSampleId :
 F4G02

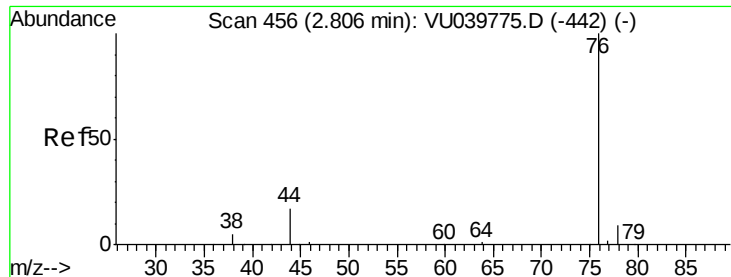
Tot Ion: 50 Resp: 702
 Ion Ratio Lower Upper
 50 100
 52 27.1 21.6 40.0



#13
 Acetone
 Concen: 7.457 ug/L
 RT: 2.65 min Scan# 408
 Delta R.T. -0.03 min
 Lab File: VU039793.D
 Acq: 07 Aug 2020 18:54

Tgt Ion: 43 Resp: 7092
 Ion Ratio Lower Upper
 43 100
 58 13.5 0.0 61.8





#14

Carbon disulfide

Concen: 0.613 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039793.D

Acq: 07 Aug 2020 18:54

Instrument :

MSVOA_U

ClientSampleId :

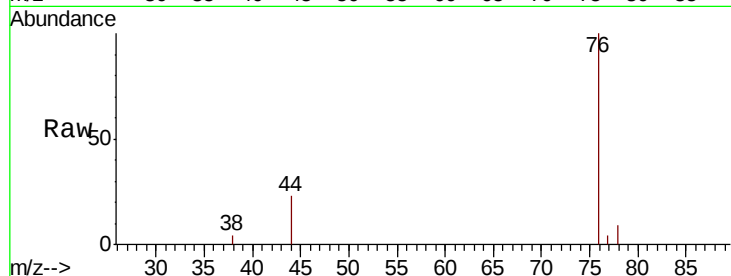
F4G02

Tot Ion: 76 Resp: 7771

Ion Ratio Lower Upper

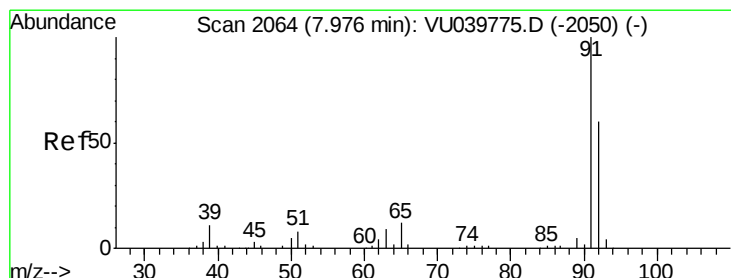
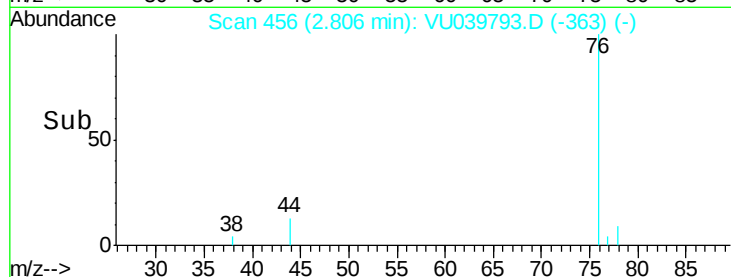
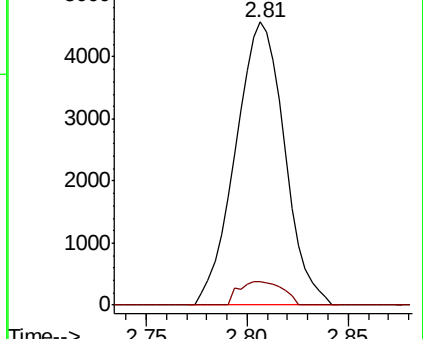
76 100

78 8.5 7.8 11.6



Abundance Ion 76.05 (75.75 to 76.75): VU039775.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU039775.D (-442) (-)



#42

Toluene

Concen: 0.089 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039793.D

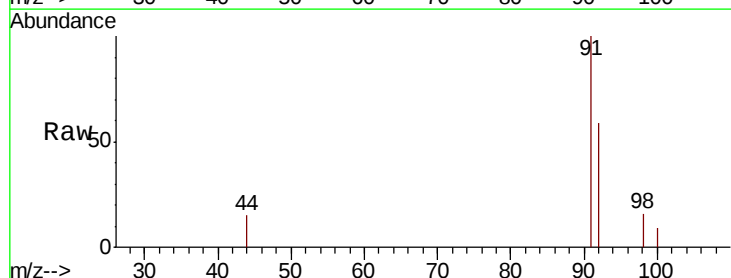
Acq: 07 Aug 2020 18:54

Tgt Ion: 91 Resp: 1691

Ion Ratio Lower Upper

91 100

92 58.6 41.6 77.3



Abundance Ion 91.15 (90.85 to 91.85): VU039775.D (-2050) (-)

Ion 92.15 (91.85 to 92.85): VU039775.D (-2050) (-)

