

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039925.D
 Acq On : 21 Aug 2020 13:38
 Operator : SY/MD
 Sample : L3767-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFG5

Quant Time: Aug 22 01:18:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 22 00:45:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	65518	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68493	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32022	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29249	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.92	69	28433	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.00%
11) 1,1-Dichloroethene-d2	2.58	63	41877	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.66	46	102952	56.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.58%
24) Chloroform-d	5.08	84	56681	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.72	65	32248	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.75	84	107635	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.70	67	33433	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.91	98	79890	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.19	79	12758	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.64	63	75554	52.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29113	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	35793	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

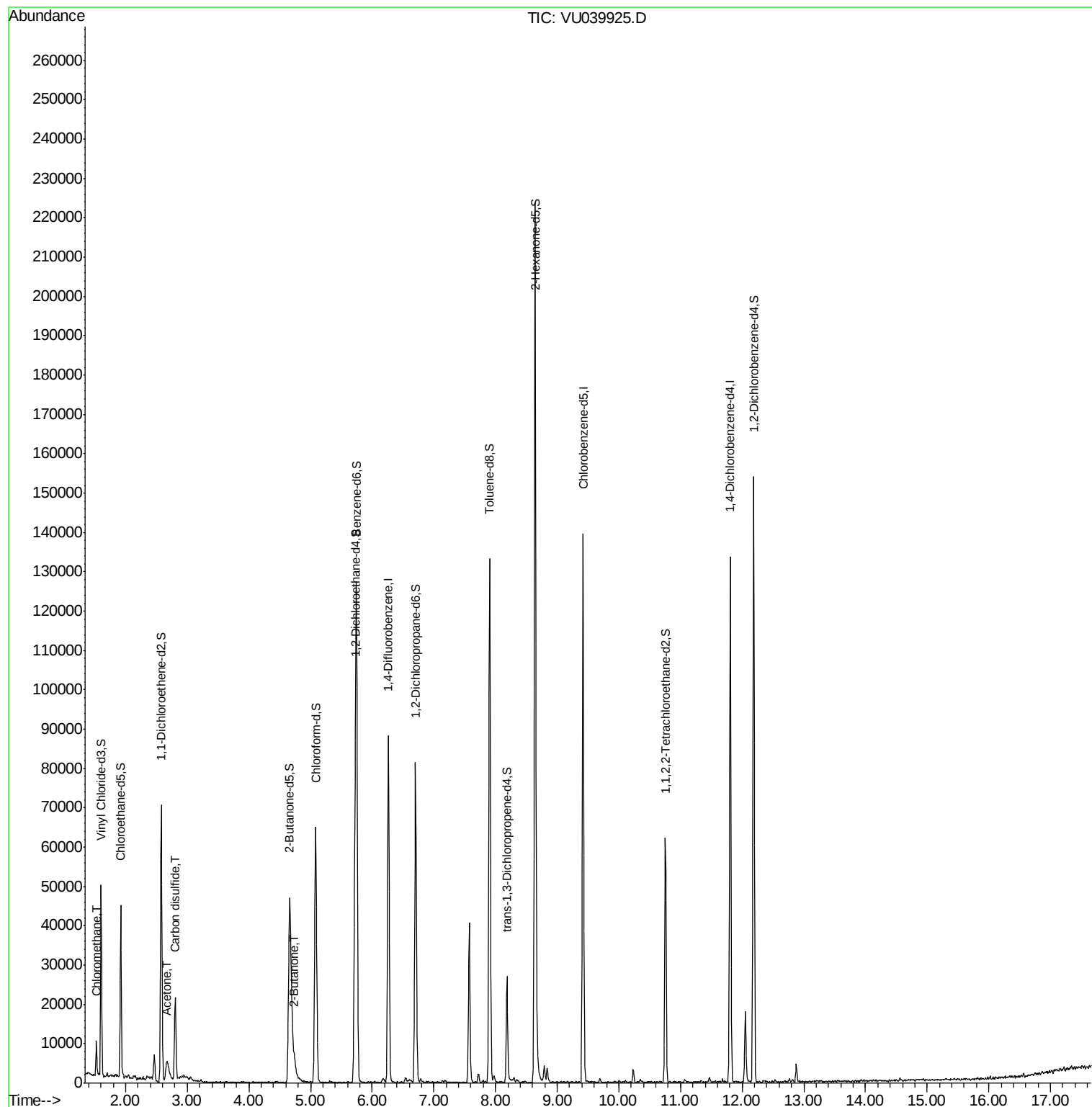
					Ovalue
3) Chloromethane	1.53	50	5782	0.750 ug/L	96
13) Acetone	2.67	43	12878	10.305 ug/L #	48
14) Carbon disulfide	2.81	76	26443	1.428 ug/L	100
21) 2-Butanone	4.74	43	2623	1.208 ug/L	92

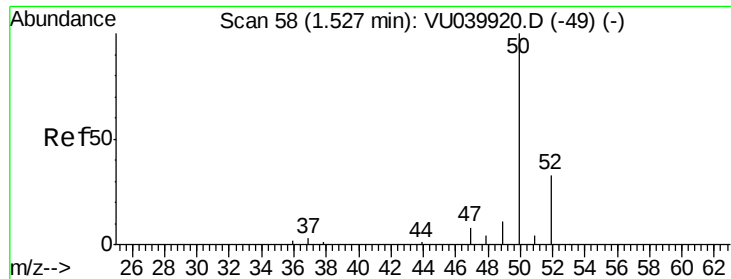
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.750 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU039925.D

Acq: 21 Aug 2020 13:38

Instrument :

MSVOA_U

ClientSampleId :

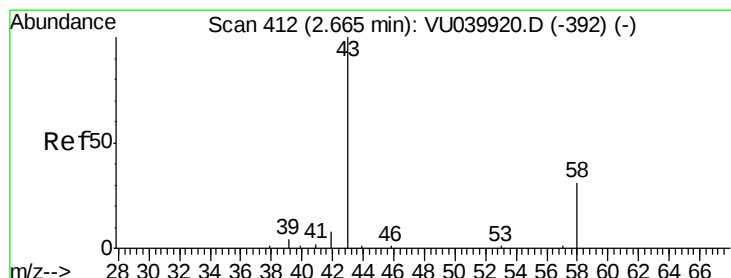
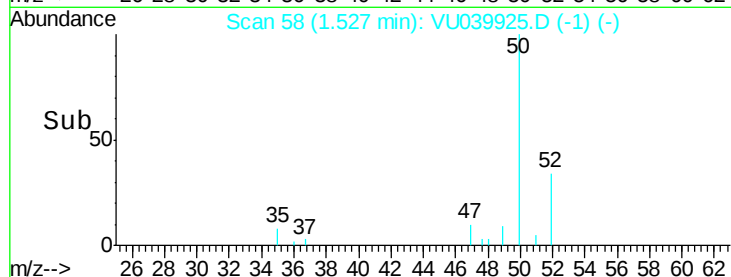
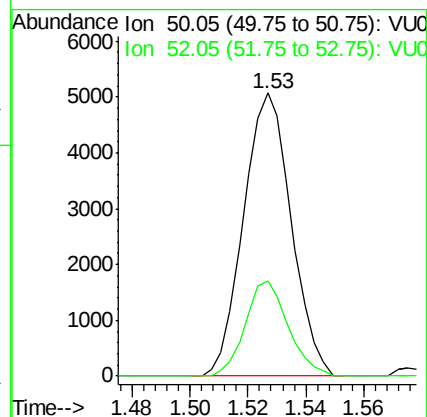
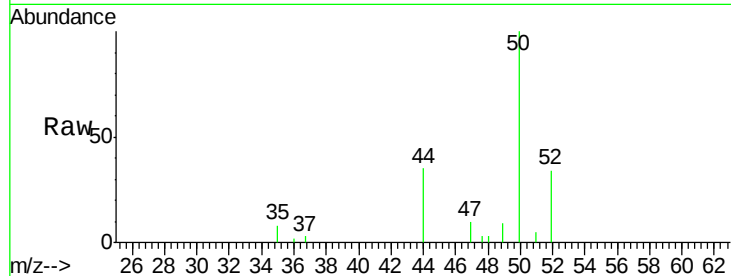
BFSG5

Tot Ion: 50 Resp: 5782

Ion Ratio Lower Upper

50 100

52 33.8 21.9 40.7



#13

Acetone

Concen: 10.305 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU039925.D

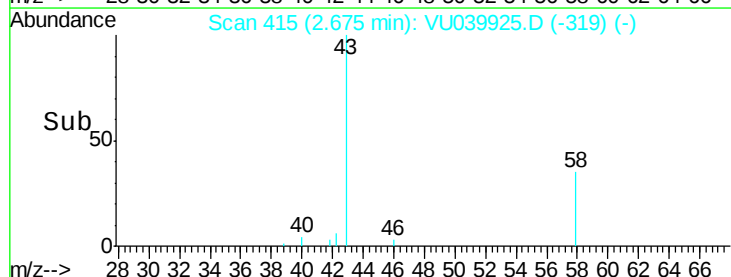
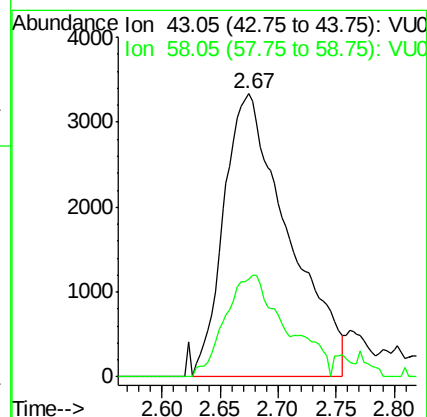
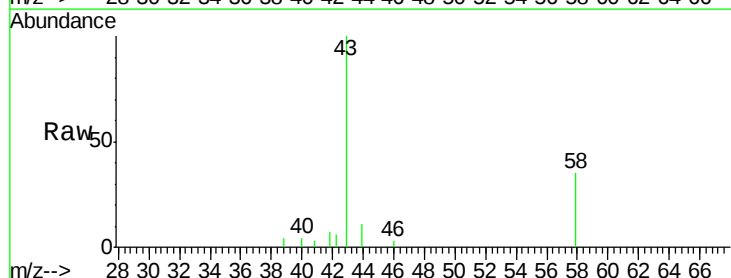
Acq: 21 Aug 2020 13:38

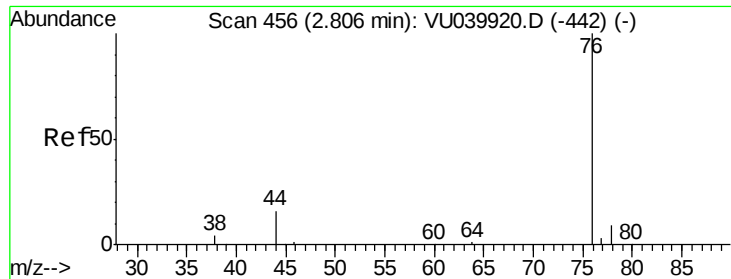
Tgt Ion: 43 Resp: 12878

Ion Ratio Lower Upper

43 100

58 28.4 0.0 19.0#





#14

Carbon disulfide

Concen: 1.428 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039925.D

Acq: 21 Aug 2020 13:38

Instrument :

MSVOA_U

ClientSampleId :

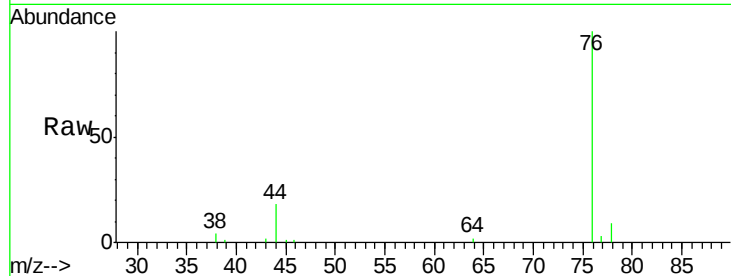
BFSG5

Tot Ion: 76 Resp: 26443

Ion Ratio Lower Upper

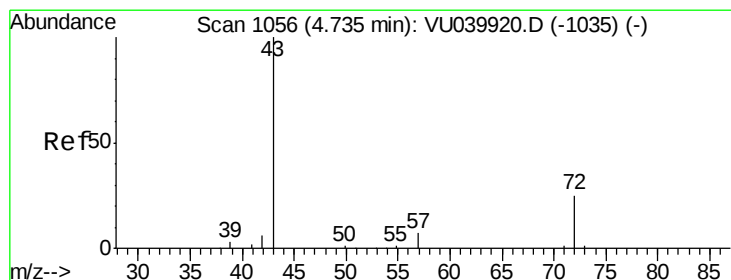
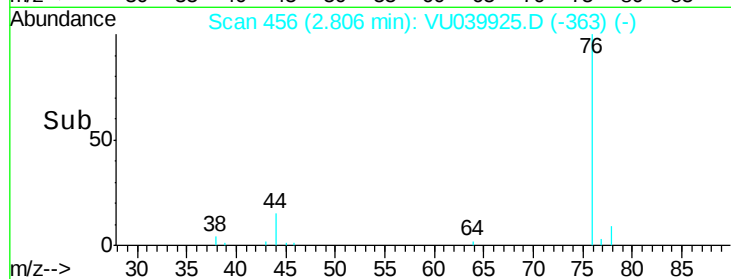
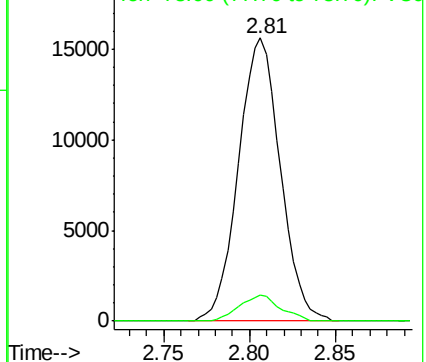
76 100

78 9.1 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VU039920.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU039920.D (-442) (-)



#21

2-Butanone

Concen: 1.208 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU039925.D

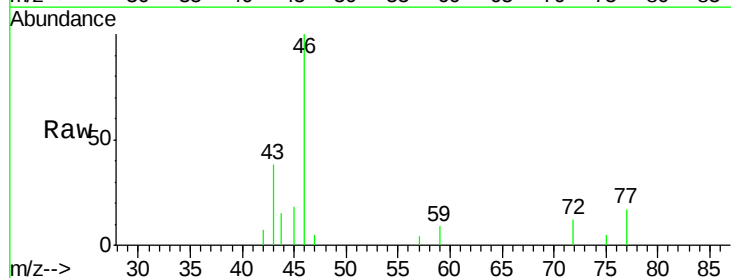
Acq: 21 Aug 2020 13:38

Tgt Ion: 43 Resp: 2623

Ion Ratio Lower Upper

43 100

72 21.4 12.7 38.0



Abundance Ion 43.05 (42.75 to 43.75): VU039920.D (-1035) (-)

Ion 72.10 (71.80 to 72.80): VU039920.D (-1035) (-)

