

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082520\
 Data File : VU039961.D
 Acq On : 25 Aug 2020 12:32
 Operator : SY/MD
 Sample : L3782-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH3

Manual Integrations
 APPROVED

sam
 8/26/2020 5:20:02 PM

Quant Time: Aug 26 03:56:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 26 03:42:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69739	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31769	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26677	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.92	69	24099	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.58	63	38703	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.66	46	88629	45.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.06%
24) Chloroform-d	5.08	84	54525	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.72	65	32300	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	102926	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.70	67	33462	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.91	98	88106	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.19	79	13544	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.64	63	62345	42.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26278	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	35559	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds					Ovalue
3) Chloromethane	1.53	50	6269	0.764 ug/L	93
13) Acetone	2.67	43	14978	11.260 ug/L	99
14) Carbon disulfide	2.81	76	2516	0.128 ug/L #	92
21) 2-Butanone	4.74	43	3086m	1.335 ug/L	

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

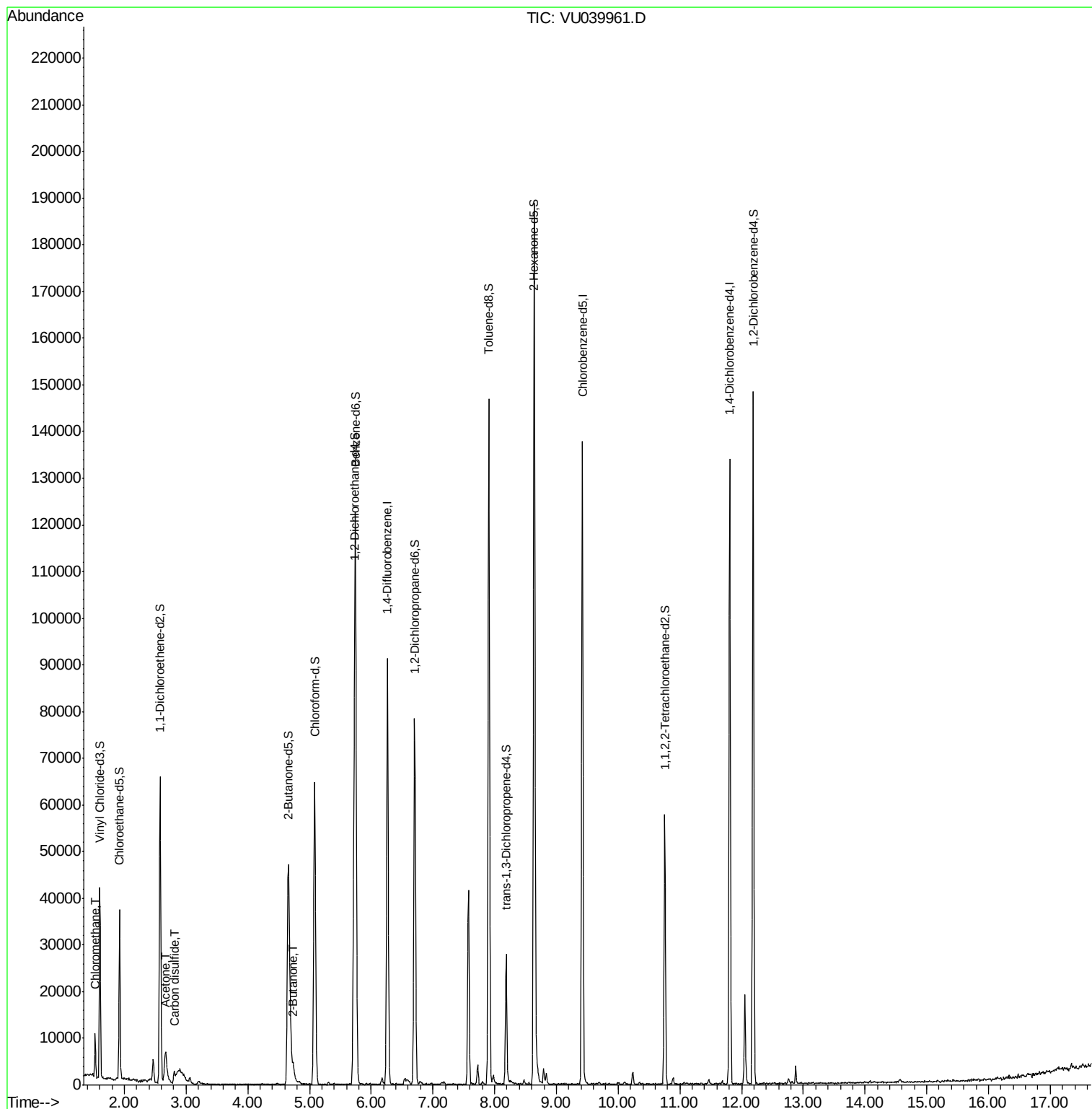
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082520\
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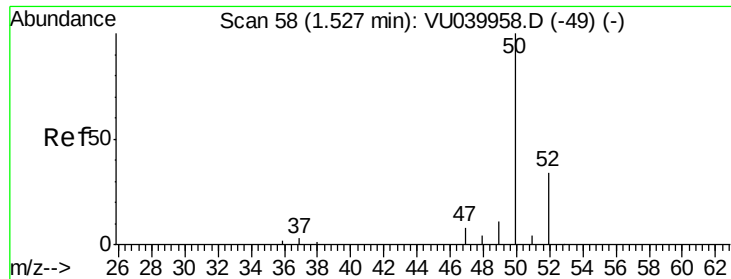
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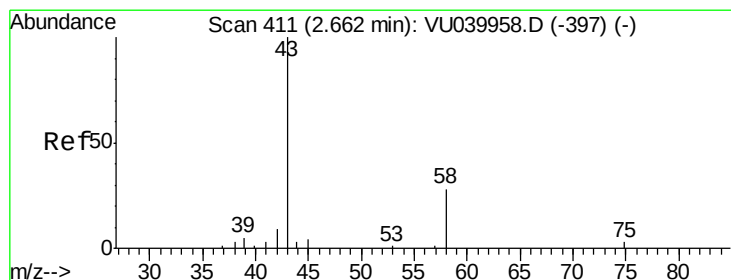
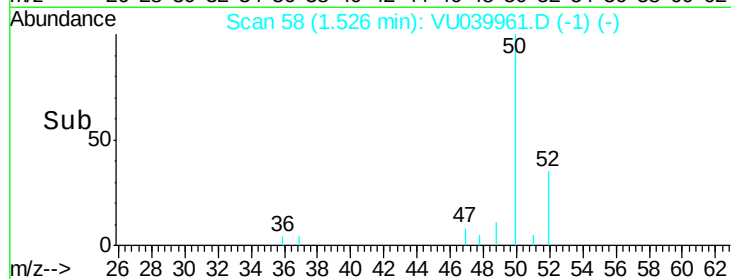
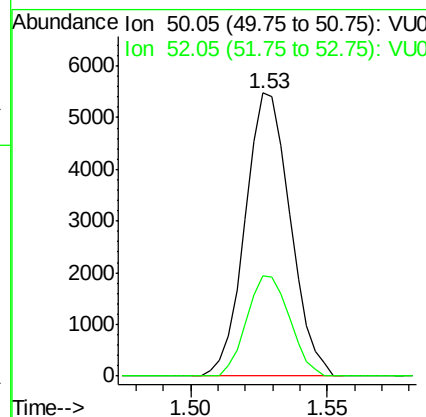
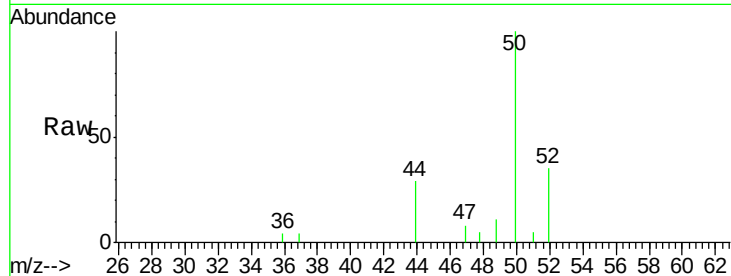
#3
Chloromethane
Concen: 0.764 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU039961.D
Acq: 25 Aug 2020 12:32

Instrument :
MSVOA_U
ClientSampleId :
BFSH3

Tot Ion: 50 Resp: 6269
Ion Ratio Lower Upper
50 100
52 35.4 21.9 40.7

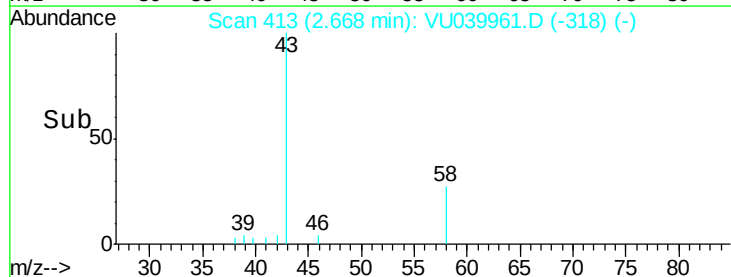
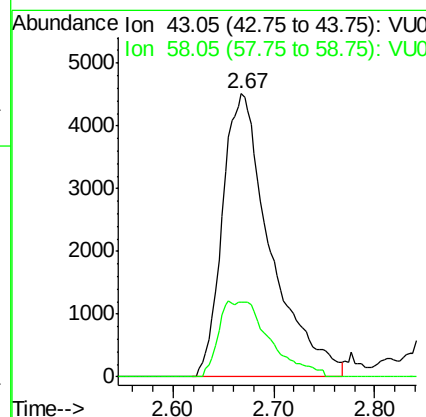
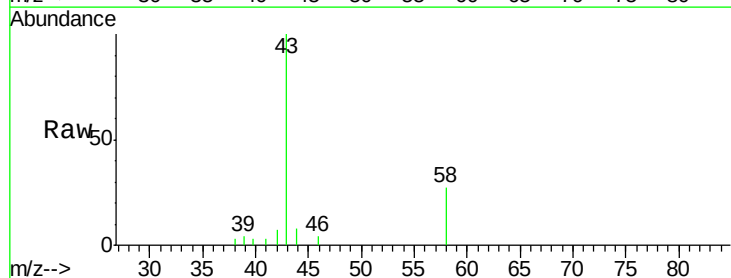
Manual Integrations
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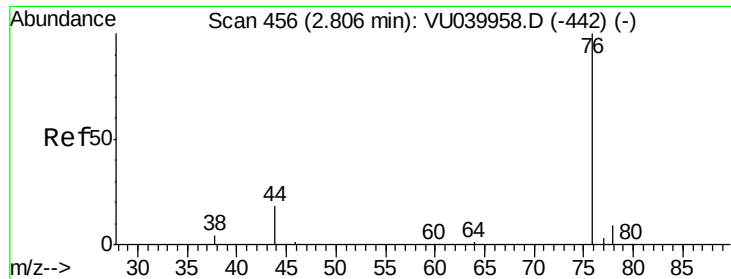
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#13
Acetone
Concen: 11.260 ug/L
RT: 2.67 min Scan# 413
Delta R.T. 0.01 min
Lab File: VU039961.D
Acq: 25 Aug 2020 12:32

Tgt Ion: 43 Resp: 14978
Ion Ratio Lower Upper
43 100
58 9.7 0.0 19.0





#14

Carbon disulfide

Concen: 0.128 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU039961.D

Acq: 25 Aug 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

BFSH3

Tot Ion: 76 Resp: 2516

Ion Ratio Lower Upper

76 100

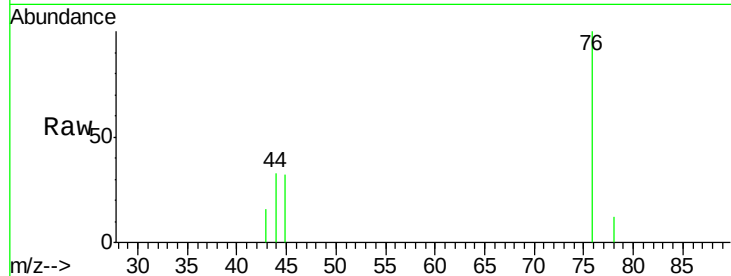
78 12.0 7.4 11.0#

Manual Integrations

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Abundance Ion 76.05 (75.75 to 76.75): VU039958.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU039958.D (-442) (-)

2.81

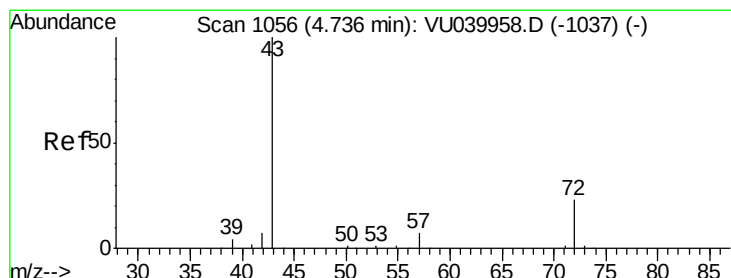
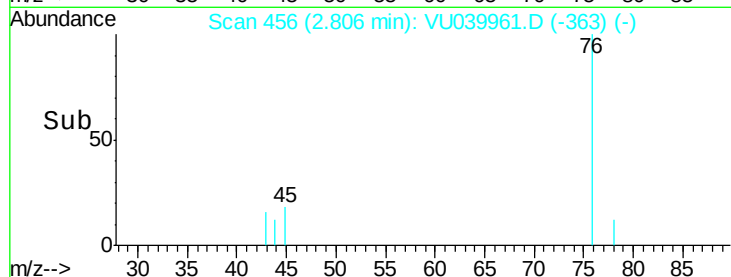
1500

1000

500

0

Time--> 2.75 2.80 2.85



#21

2-Butanone

Concen: 1.335 ug/L m

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU039961.D

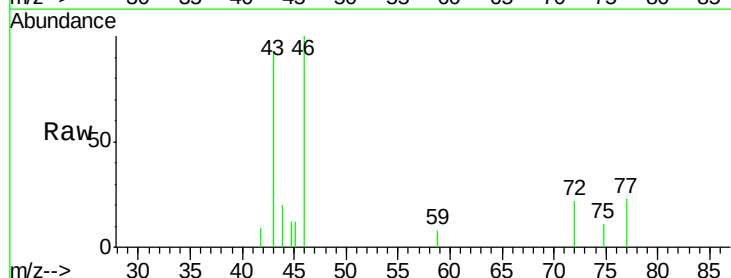
Acq: 25 Aug 2020 12:32

Tgt Ion: 43 Resp: 3086

Ion Ratio Lower Upper

43 100

72 23.8 12.7 38.0



Abundance Ion 43.05 (42.75 to 43.75): VU039958.D (-1037) (-)

Ion 72.10 (71.80 to 72.80): VU039958.D (-1037) (-)

4.74

1500

1000

500

0

Time--> 4.65 4.70 4.75 4.80

