

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082420\
 Data File : VU039949.D
 Acq On : 24 Aug 2020 16:11
 Operator : SY/MD
 Sample : L3767-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFGS5

Quant Time: Aug 25 02:17:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 25 02:02:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71231	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73155	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34937	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24891	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.92	69	22316	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.58	63	41473	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.66	46	82937	41.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.42%
24) Chloroform-d	5.08	84	48409	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.72	65	28274	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.75	84	94052	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.70	67	31689	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.91	98	84177	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.19	79	12328	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.64	63	61038	39.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.80%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24566	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	34343	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

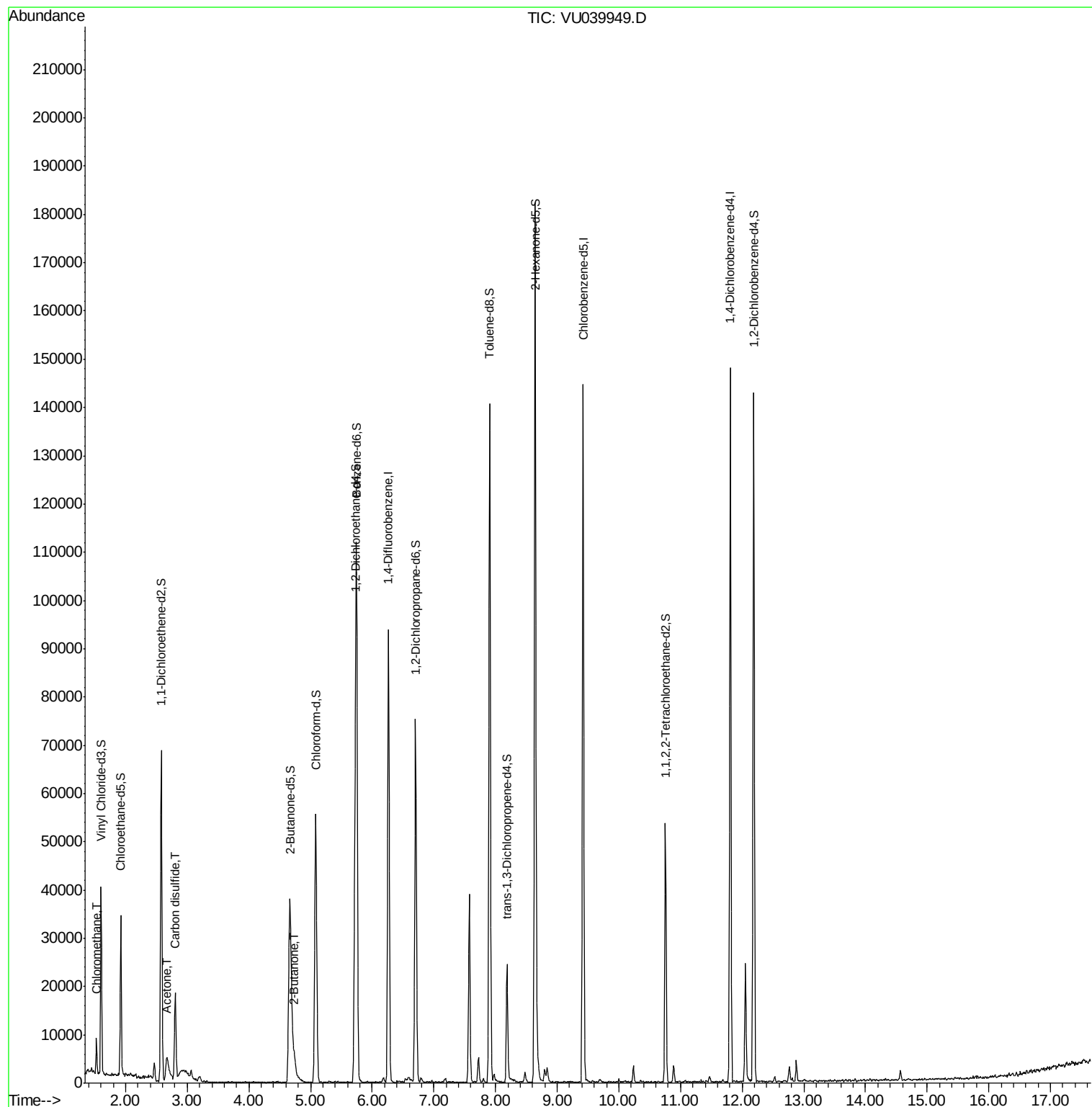
					Ovalue
3) Chloromethane	1.53	50	4685	0.559 ug/L	93
13) Acetone	2.67	43	13980	10.289 ug/L	95
14) Carbon disulfide	2.81	76	22002	1.093 ug/L	99
21) 2-Butanone	4.74	43	3069	1.300 ug/L	88

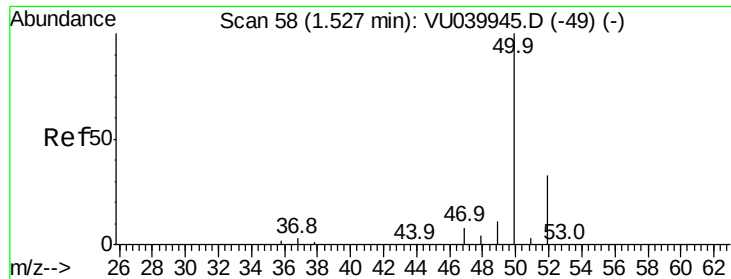
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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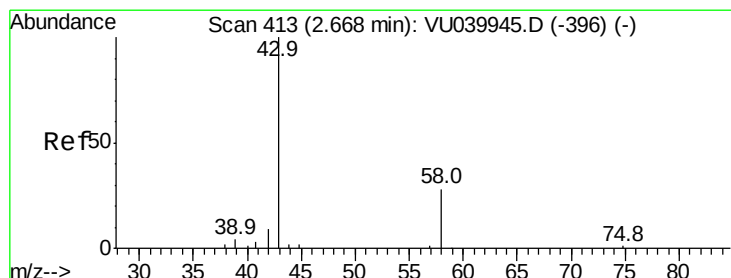
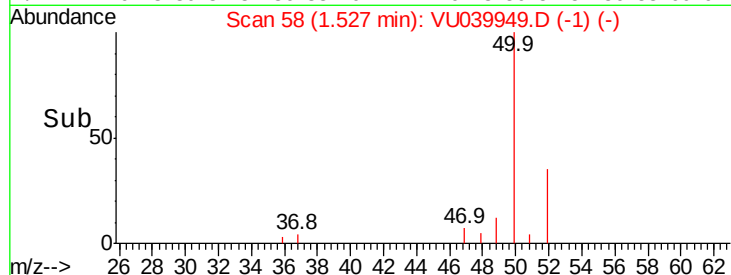
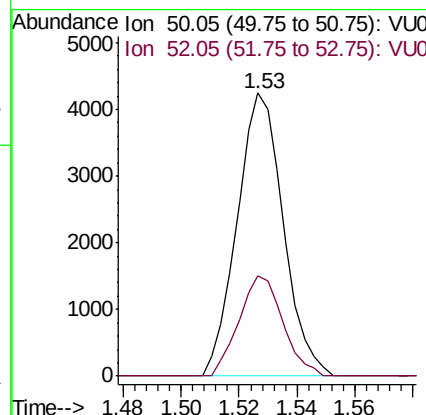
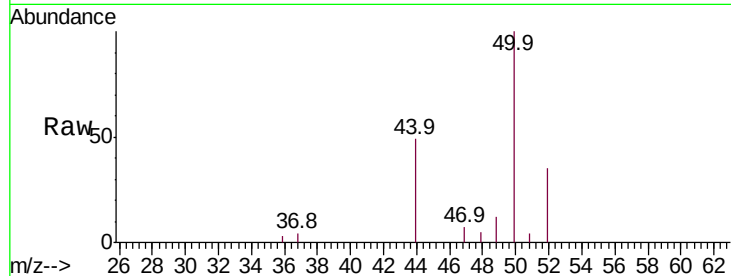




#3
 Chloromethane
 Concen: 0.559 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU039949.D
 Acq: 24 Aug 2020 16:11

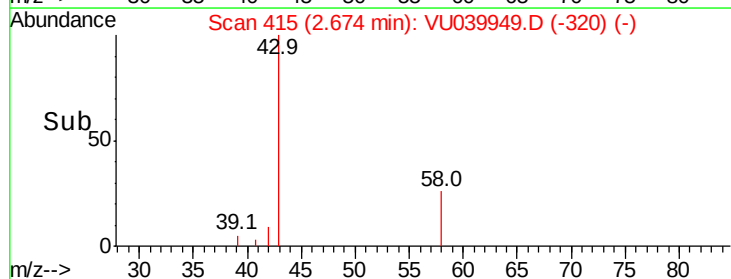
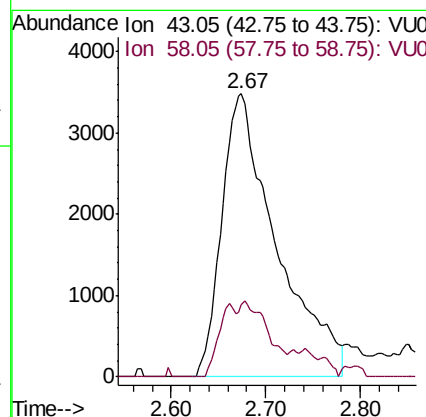
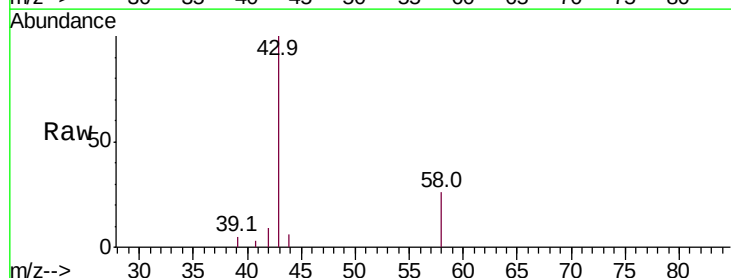
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 BFGS5

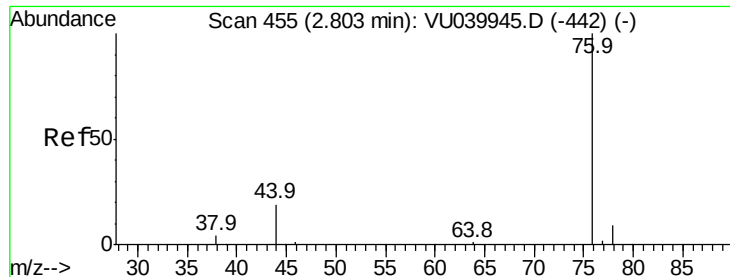
Tot Ion: 50 Resp: 4685
 Ion Ratio Lower Upper
 50 100
 52 35.4 21.9 40.7



#13
 Acetone
 Concen: 10.289 ug/L
 RT: 2.67 min Scan# 415
 Delta R.T. 0.01 min
 Lab File: VU039949.D
 Acq: 24 Aug 2020 16:11

Tgt Ion: 43 Resp: 13980
 Ion Ratio Lower Upper
 43 100
 58 11.3 0.0 19.0

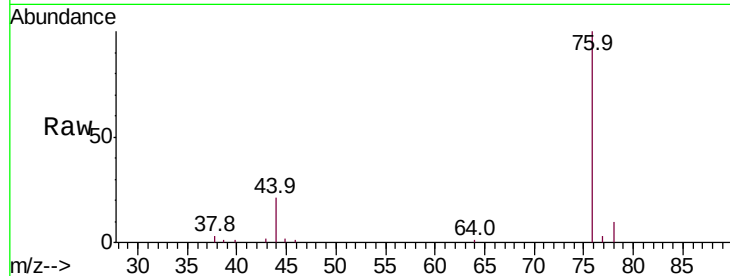




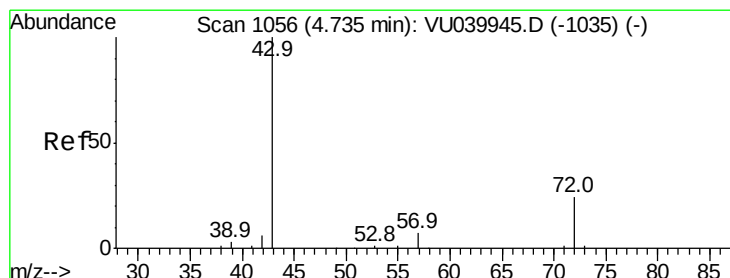
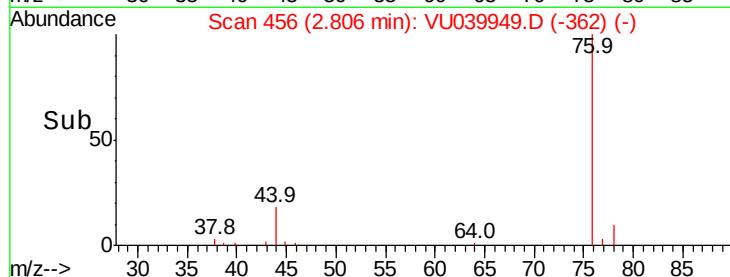
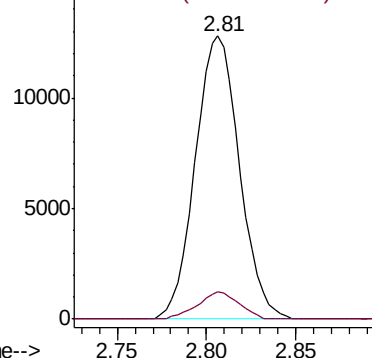
#14
Carbon disulfide
Concen: 1.093 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU039949.D
Acq: 24 Aug 2020 16:11

Instrument :
MSVOA_U
ClientSampled :
BFSG5

Tot Ion: 76 Resp: 22002
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

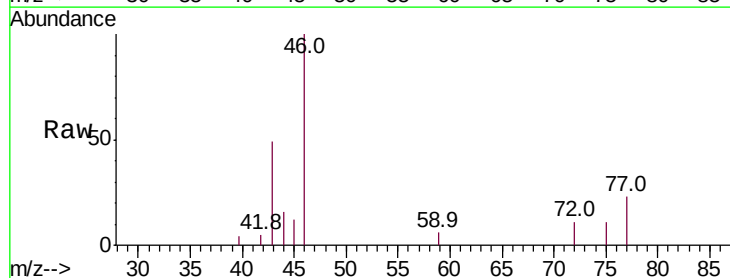


Abundance Ion 76.05 (75.75 to 76.75): VU039945.D (-442) (-)
Ion 78.00 (77.70 to 78.70): VU039945.D (-442) (-)



#21
2-Butanone
Concen: 1.300 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VU039949.D
Acq: 24 Aug 2020 16:11

Tgt Ion: 43 Resp: 3069
Ion Ratio Lower Upper
43 100
72 19.1 12.7 38.0



Abundance Ion 43.05 (42.75 to 43.75): VU039945.D (-1035) (-)
Ion 72.10 (71.80 to 72.80): VU039945.D (-1035) (-)

