

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039458.D
 Acq On : 11 Jul 2020 03:10
 Operator : SY/MD
 Sample : L3268-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A90

Quant Time: Jul 11 22:32:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 05:00:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	89276	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	84860	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38849	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	18260	3.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	1.92	69	24557	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.58	63	29133	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.65	46	137688	58.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.32%
24) Chloroform-d	5.09	84	52994	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	36080	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.75	84	99346	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.71	67	36153	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.91	98	84767	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.19	79	13582	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.64	63	95800	50.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.90%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35163	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	35482	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

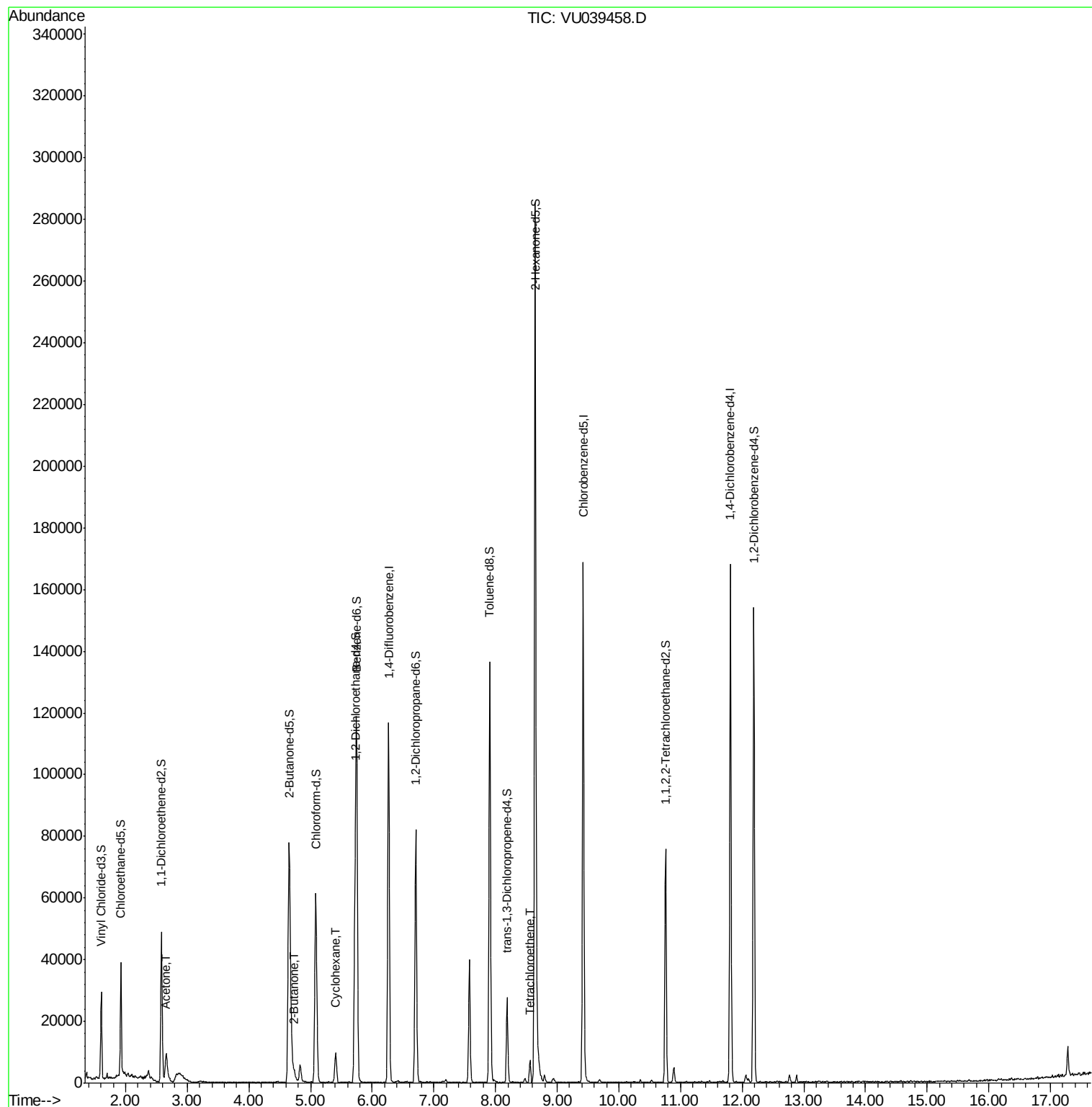
					Ovalue
13) Acetone	2.66	43	16068	12.574	ug/L 96
21) 2-Butanone	4.74	43	2962	1.299	ug/L 77
30) Cyclohexane	5.41	56	4851	0.461	ug/L # 91
47) Tetrachloroethene	8.56	164	1433	0.314	ug/L 96

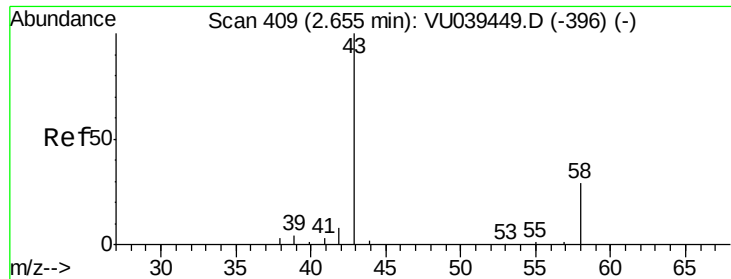
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.574 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU039458.D

Acq: 11 Jul 2020 03:10

Instrument :

MSVOA_U

ClientSampled :

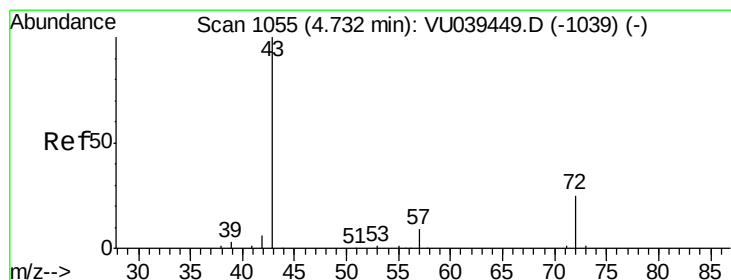
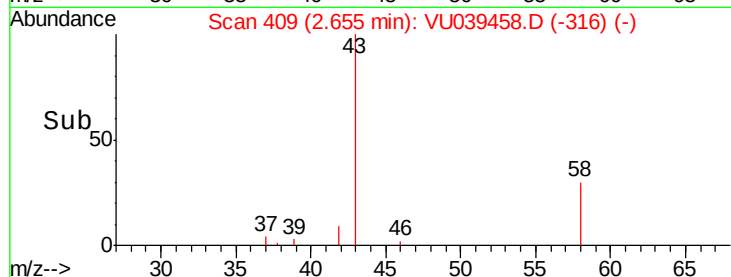
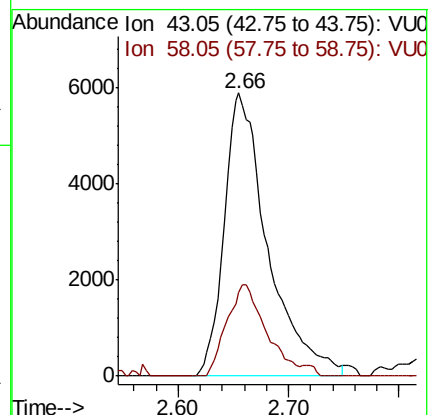
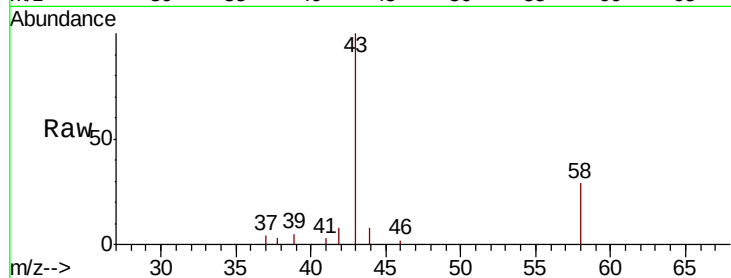
F4A90

Tot Ion: 43 Resp: 16068

Ion Ratio Lower Upper

43 100

58 29.1 0.0 62.8



#21

2-Butanone

Concen: 1.299 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU039458.D

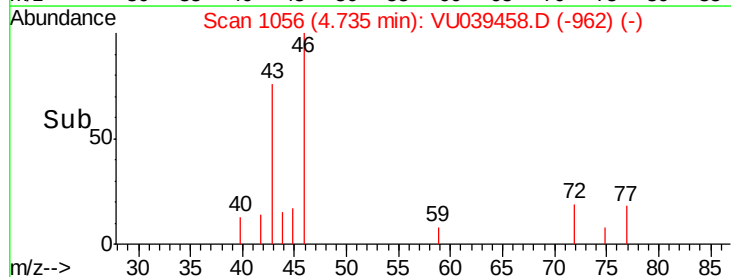
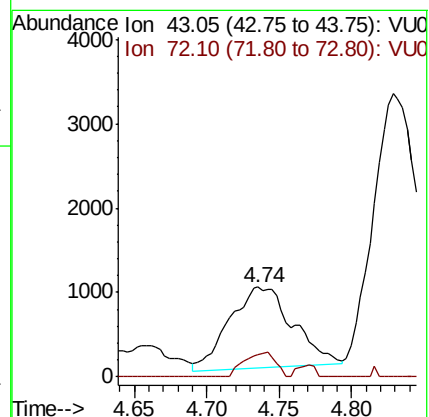
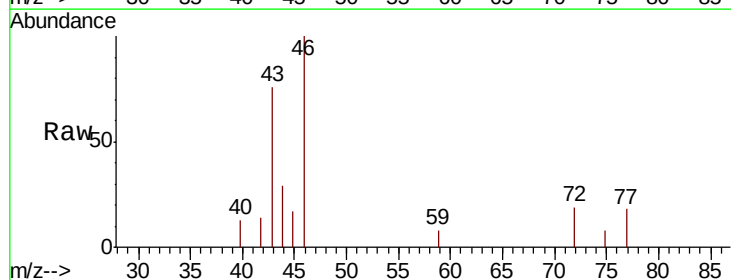
Acq: 11 Jul 2020 03:10

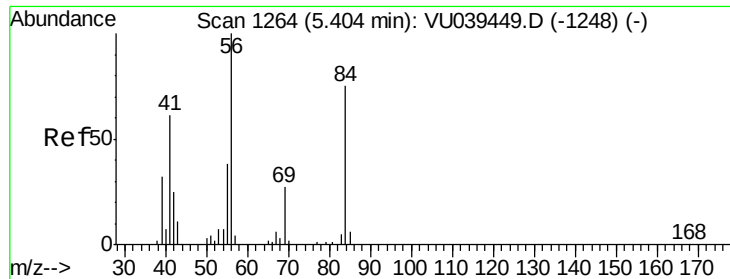
Tgt Ion: 43 Resp: 2962

Ion Ratio Lower Upper

43 100

72 14.7 13.2 39.5

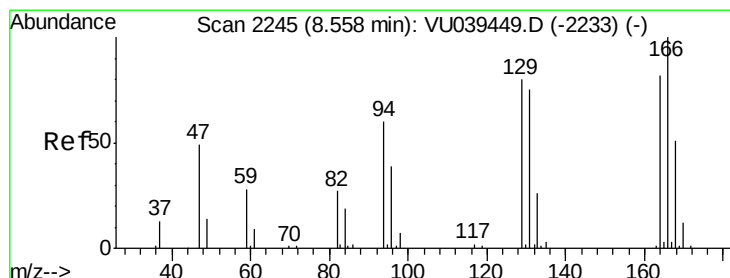
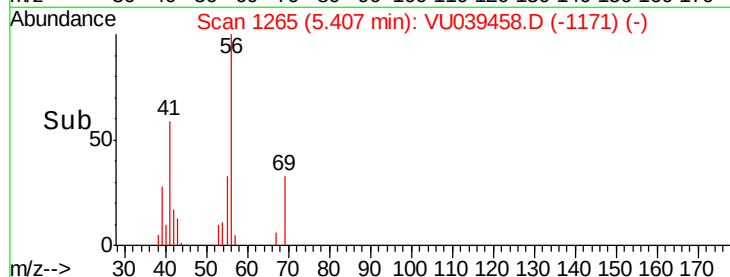
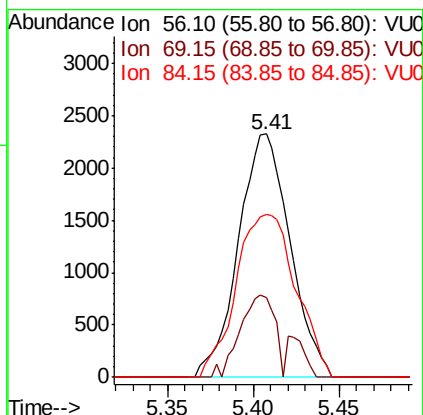
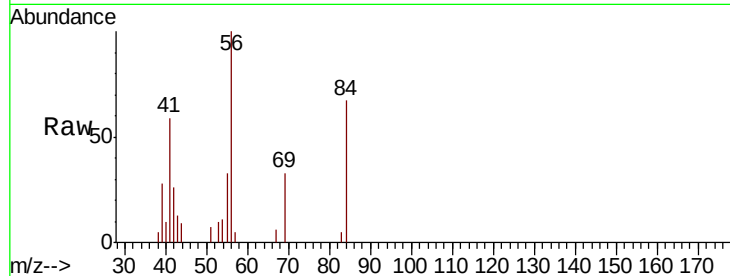




#30
Cyclohexane
Concen: 0.461 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU039458.D
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Instrument :
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ClientSampleId :
F4A90

Tot Ion: 56 Resp: 4851
Ion Ratio Lower Upper
56 100
69 22.6 24.1 36.1#
84 77.6 67.0 100.6



#47
Tetrachloroethene
Concen: 0.314 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU039458.D
Acq: 11 Jul 2020 03:10

Tgt Ion: 164 Resp: 1433
Ion Ratio Lower Upper
164 100
129 91.8 68.6 127.4
131 98.7 66.4 123.4
166 125.6 85.9 159.5

