

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\
 Data File : VU039247.D
 Acq On : 30 Jun 2020 21:38
 Operator : SY/MD
 Sample : L3116-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q53

Quant Time: Jul 01 02:25:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 01:40:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	204816	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	225723	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	87746	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64542	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.93	69	73008	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.80%
11) 1,1-Dichloroethene-d2	2.59	63	102299	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.67	46	185121	32.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.66%
24) Chloroform-d	5.10	84	126998	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.74	65	76786	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
32) Benzene-d6	5.76	84	242484	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.72	67	74234	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.60%
41) Toluene-d8	7.92	98	199784	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.20	79	31353	3.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.80%
46) 2-Hexanone-d5	8.65	63	136585	30.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	60245	3.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	63.40%#
64) 1,2-Dichlorobenzene-d4	12.20	152	73688	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

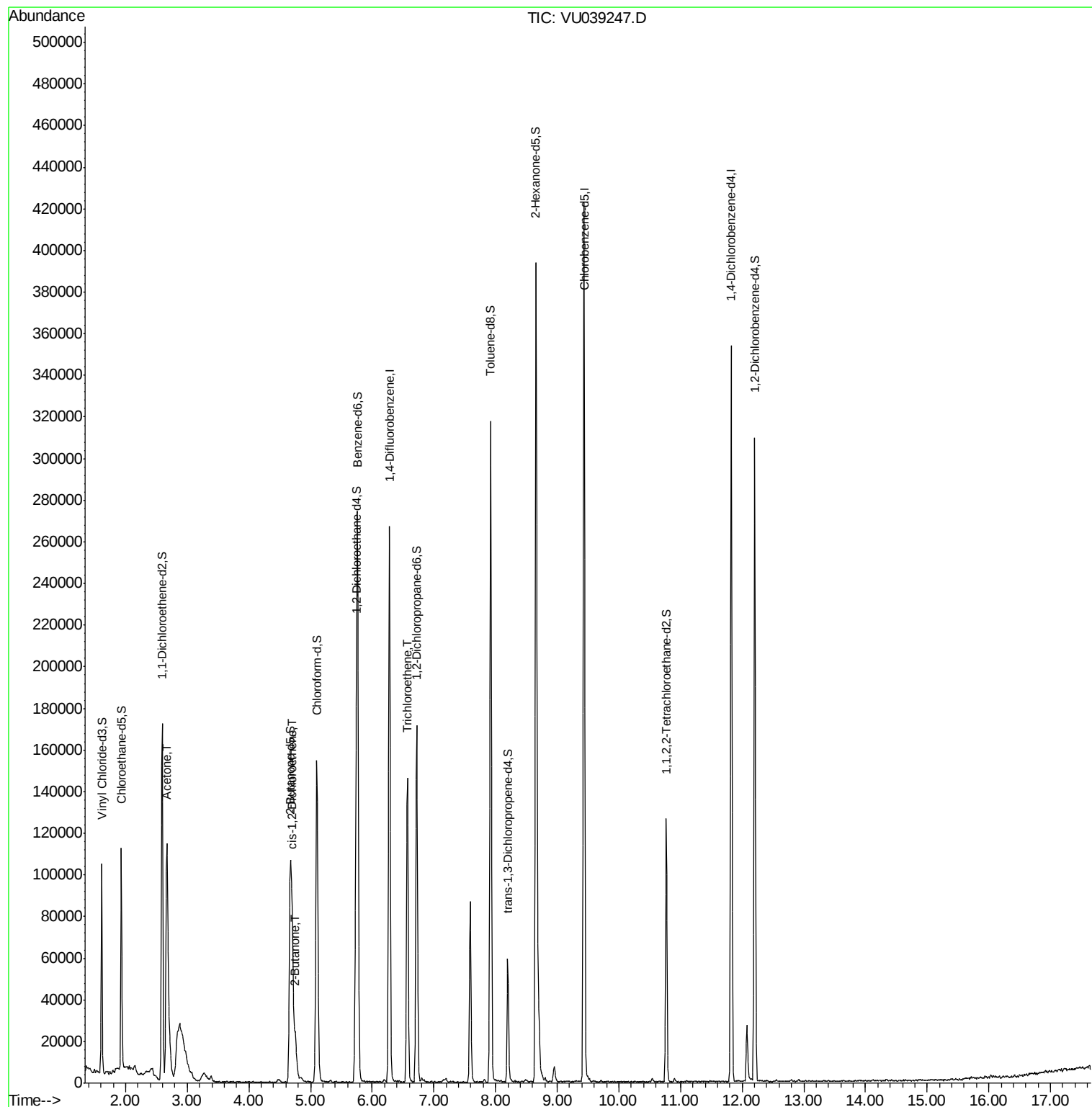
					Ovalue
13) Acetone	2.67	43	205685	58.922	ug/L 98
21) 2-Butanone	4.75	43	32767	5.973	ug/L 97
22) cis-1,2-Dichloroethene	4.71	96	22255	1.410	ug/L 99
34) Trichloroethene	6.57	95	46997	2.700	ug/L 97

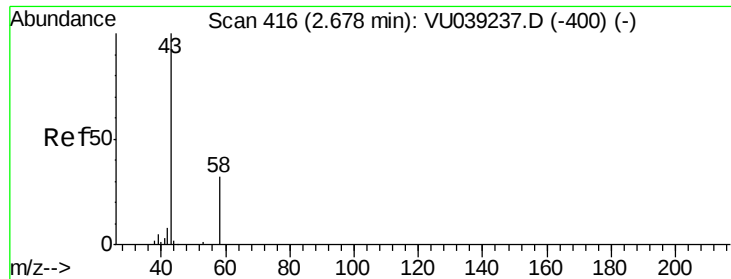
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 58.922 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

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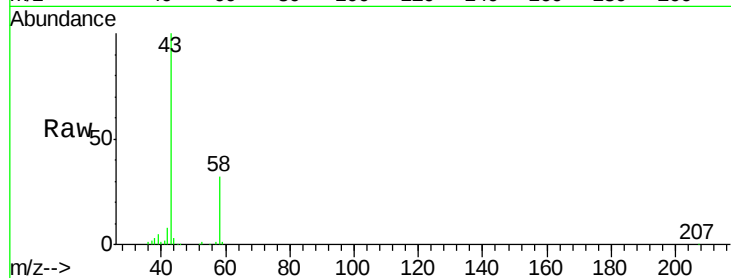
F9Q53

Tot Ion: 43 Resp: 205685

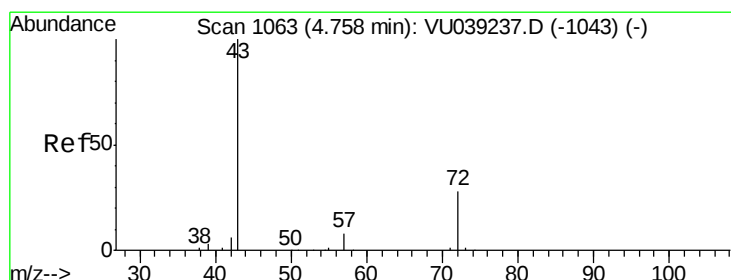
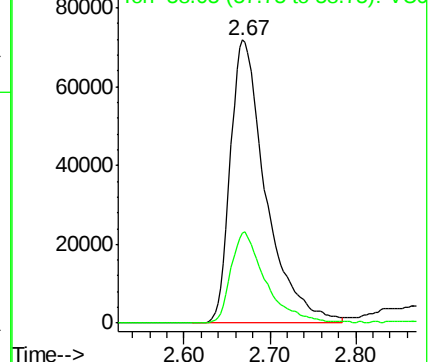
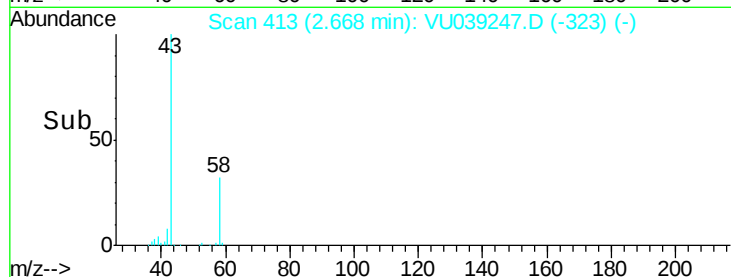
Ion Ratio Lower Upper

43 100

58 31.6 0.0 61.0



Abundance Ion 43.05 (42.75 to 43.75): VU039247.D (-323) (-)



#21

2-Butanone

Concen: 5.973 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.00 min

Lab File: VU039247.D

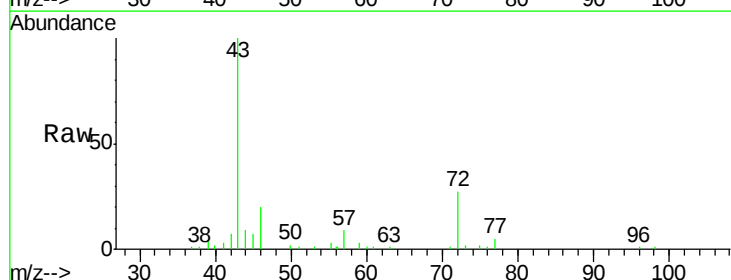
Acq: 30 Jun 2020 21:38

Tgt Ion: 43 Resp: 32767

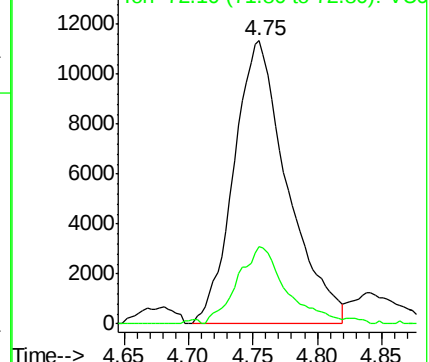
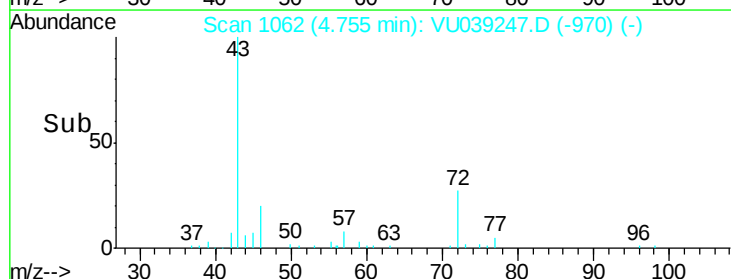
Ion Ratio Lower Upper

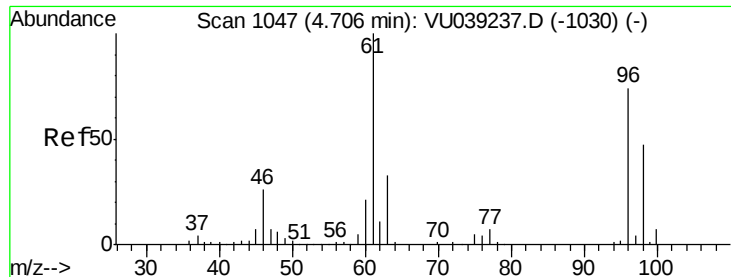
43 100

72 25.7 13.7 41.0



Abundance Ion 43.05 (42.75 to 43.75): VU039247.D (-970) (-)





#22

cis-1,2-Dichloroethene

Concen: 1.410 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU039247.D

Acq: 30 Jun 2020 21:38

Instrument :

MSVOA_U

ClientSampleId :

F9Q53

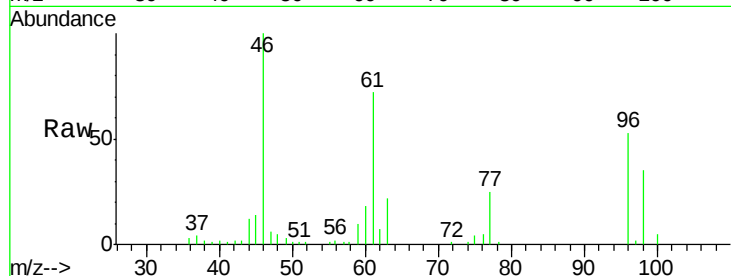
Tot Ion: 96 Resp: 22255

Ion Ratio Lower Upper

96 100

61 135.9 94.2 175.0

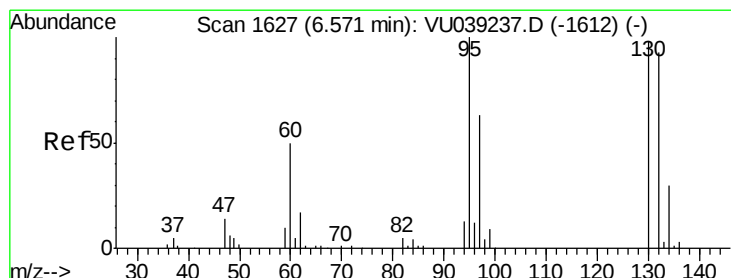
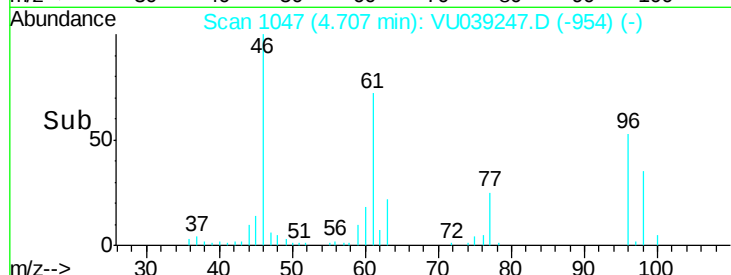
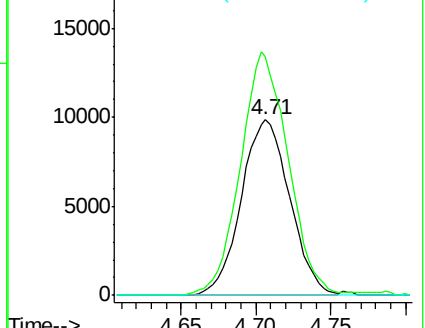
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039247.D (-1534) (-)

Ion 61.05 (60.75 to 61.75): VU039247.D (-1534) (-)

Ion 68.15 (67.85 to 68.85): VU039247.D (-1534) (-)



#34

Trichloroethene

Concen: 2.700 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU039247.D

Acq: 30 Jun 2020 21:38

Tgt Ion: 95 Resp: 46997

Ion Ratio Lower Upper

95 100

97 60.7 44.0 81.8

132 94.3 64.9 120.5

130 94.1 68.7 127.5

Abundance Ion 95.00 (94.70 to 95.70): VU039247.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU039247.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU039247.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU039247.D (-1534) (-)

