

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039440.D
 Acq On : 10 Jul 2020 19:10
 Operator : SY/MD
 Sample : L3244-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4B09

Quant Time: Jul 11 22:26:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 02:49:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	92226	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	85304	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22320	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.92	69	27249	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.58	63	34491	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.65	46	145556	59.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.02%
24) Chloroform-d	5.09	84	58258	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.72	65	37467	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.74	84	105462	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.71	67	39127	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.91	98	91191	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	8.19	79	15624	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.64	63	102712	54.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.70%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	38305	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	39271	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

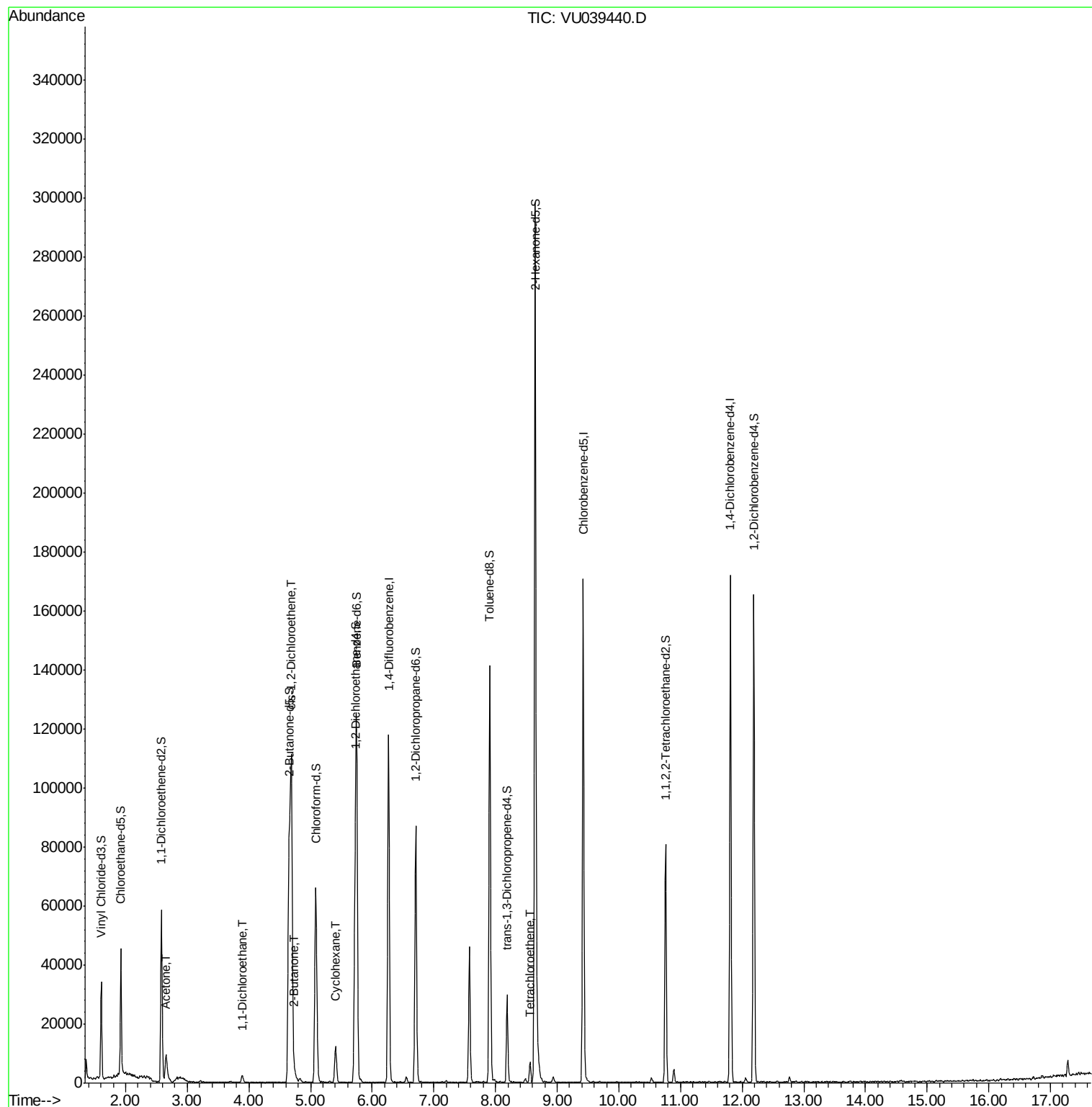
					Ovalue
13) Acetone	2.66	43	15592	11.811 ug/L	98
19) 1,1-Dichloroethane	3.89	63	3519	0.296 ug/L	96
21) 2-Butanone	4.74	43	2859	1.213 ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	43367	6.369 ug/L	99
30) Cyclohexane	5.41	56	6313	0.597 ug/L	94
47) Tetrachloroethene	8.56	164	1535	0.335 ug/L	86

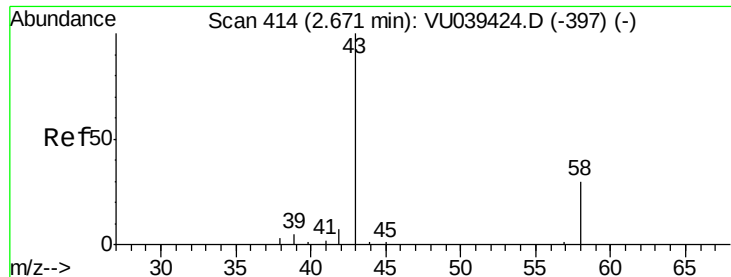
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 11.811 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039440.D

Acq: 10 Jul 2020 19:10

Instrument :

MSVOA_U

ClientSampleId :

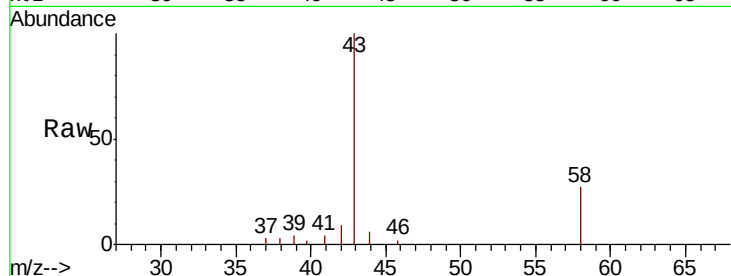
F4B09

Tot Ion: 43 Resp: 15592

Ion Ratio Lower Upper

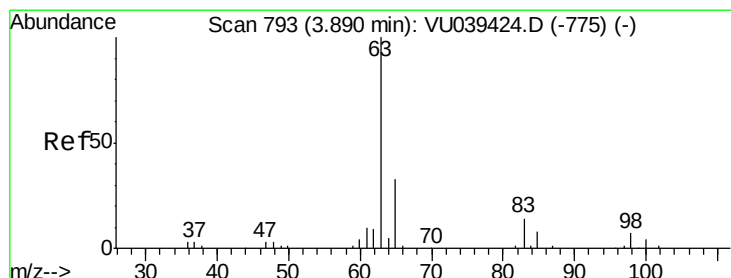
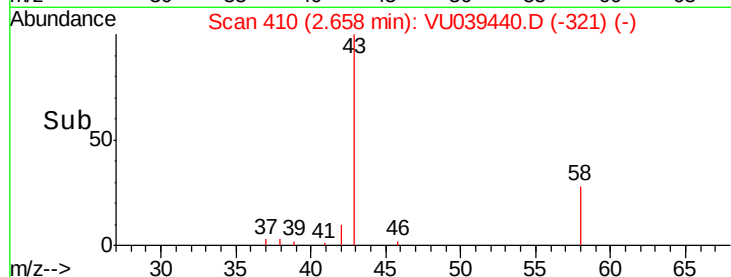
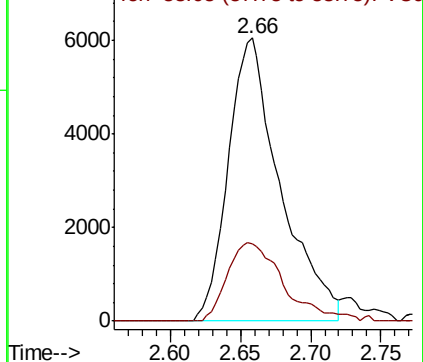
43 100

58 30.1 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039440.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU039440.D (-397) (-)



#19

1,1-Dichloroethane

Concen: 0.296 ug/L

RT: 3.89 min Scan# 794

Delta R.T. 0.00 min

Lab File: VU039440.D

Acq: 10 Jul 2020 19:10

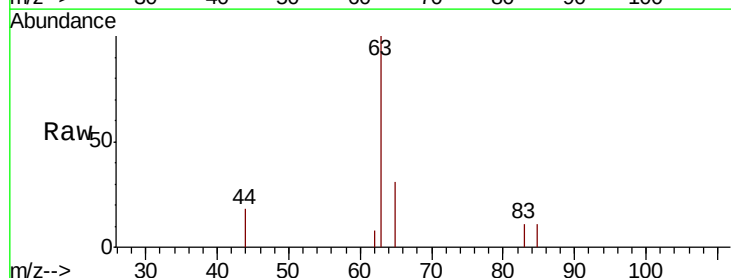
Tgt Ion: 63 Resp: 3519

Ion Ratio Lower Upper

63 100

65 31.1 23.0 42.6

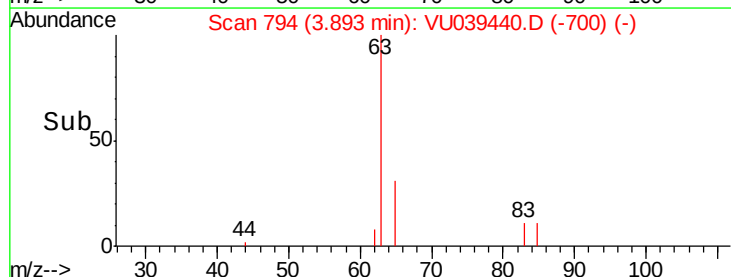
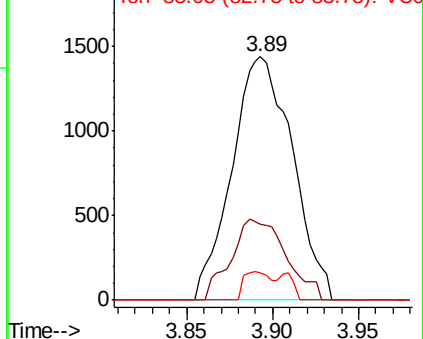
83 11.5 9.6 17.8

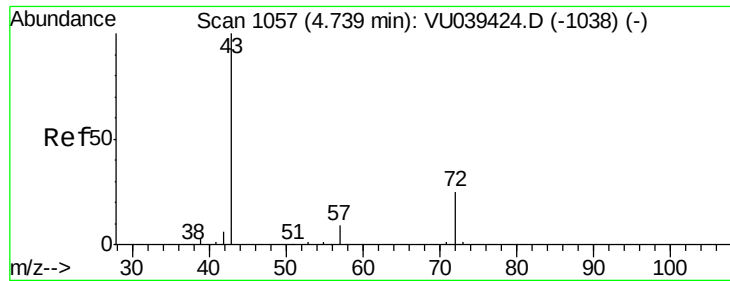


Abundance Ion 63.10 (62.80 to 63.80): VU039440.D (-775) (-)

Ion 65.10 (64.80 to 65.80): VU039440.D (-775) (-)

Ion 83.05 (82.75 to 83.75): VU039440.D (-775) (-)





#21

2-Butanone

Concen: 1.213 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VU039440.D

Acq: 10 Jul 2020 19:10

Instrument :

MSVOA_U

ClientSampled :

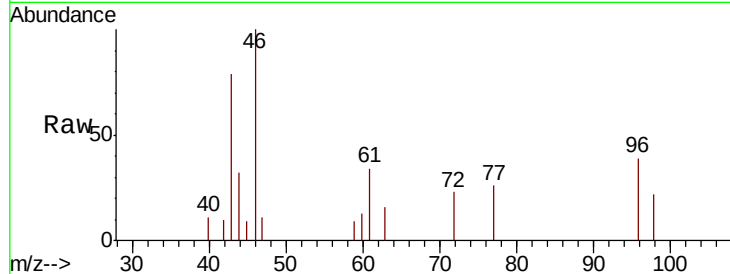
F4B09

Tot Ion: 43 Resp: 2859

Ion Ratio Lower Upper

43 100

72 25.3 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU039440.D (-964) (-)

Ion 72.10 (71.80 to 72.80): VU039440.D (-964) (-)

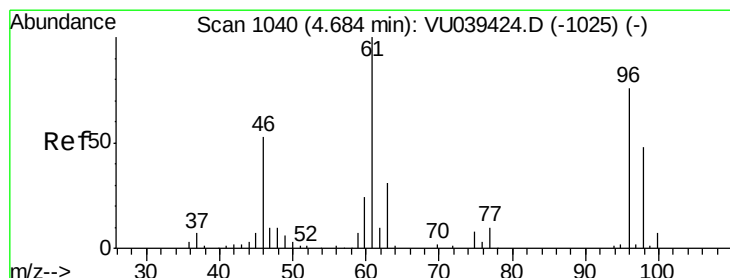
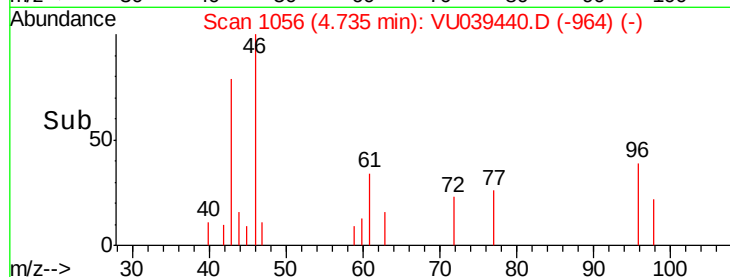
4.74

1000

500

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 6.369 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU039440.D

Acq: 10 Jul 2020 19:10

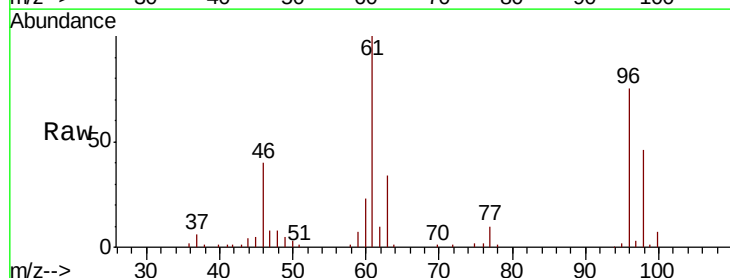
Tgt Ion: 96 Resp: 43367

Ion Ratio Lower Upper

96 100

61 133.3 92.8 172.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039440.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU039440.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU039440.D (-947) (-)

4.69

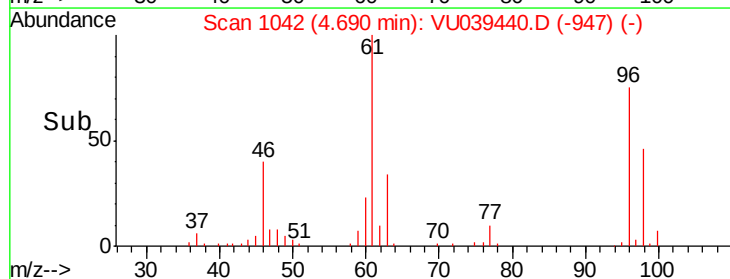
30000

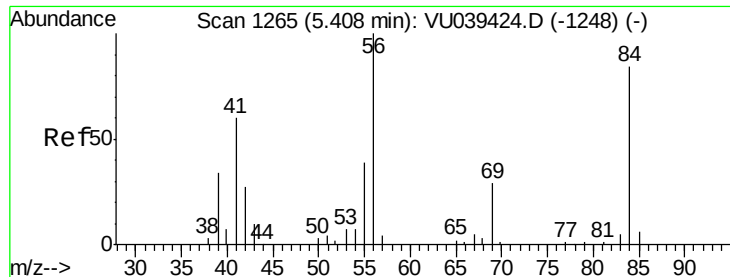
20000

10000

0

Time-->

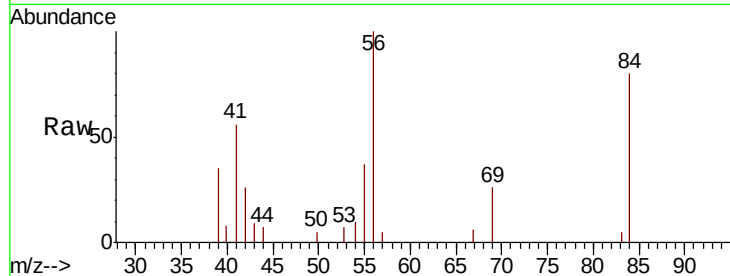




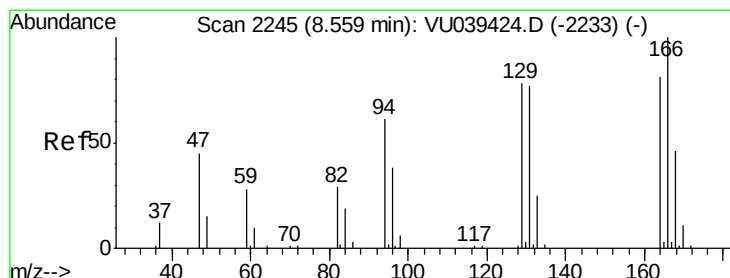
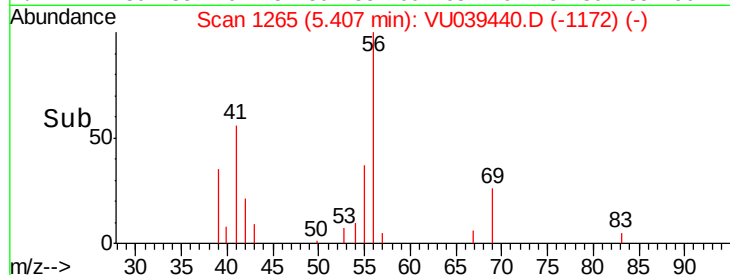
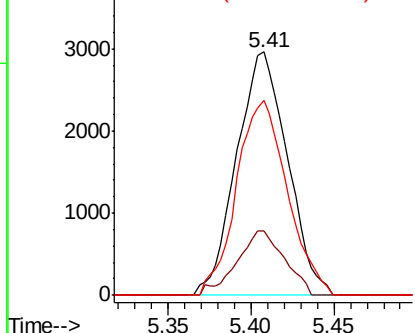
#30
Cyclohexane
Concen: 0.597 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VU039440.D
Acq: 10 Jul 2020 19:10

Instrument :
MSVOA_U
ClientSampleId :
F4B09

Tot Ion: 56 Resp: 6313
Ion Ratio Lower Upper
56 100
69 24.7 24.1 36.1
84 80.0 67.0 100.6

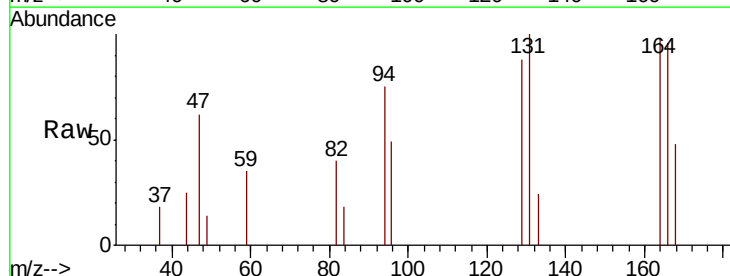


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0



#47
Tetrachloroethene
Concen: 0.335 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU039440.D
Acq: 10 Jul 2020 19:10

Tgt Ion:164 Resp: 1535
Ion Ratio Lower Upper
164 100
129 89.5 68.6 127.4
131 101.8 66.4 123.4
166 97.4 85.9 159.5



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

