

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
 Data File : VU039294.D
 Acq On : 06 Jul 2020 16:24
 Operator : SY/MD
 Sample : L3193-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4280

Quant Time: Jul 07 02:07:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:17:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119973	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111525	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52851	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	46871	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.92	69	39532	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.58	63	66198	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.67	46	176199	50.67	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.34%
24) Chloroform-d	5.09	84	84422	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.72	65	52203	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.74	84	170251	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.71	67	55168	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.91	98	150312	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.19	79	21809	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.65	63	142497	51.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.54%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	51856	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	57734	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

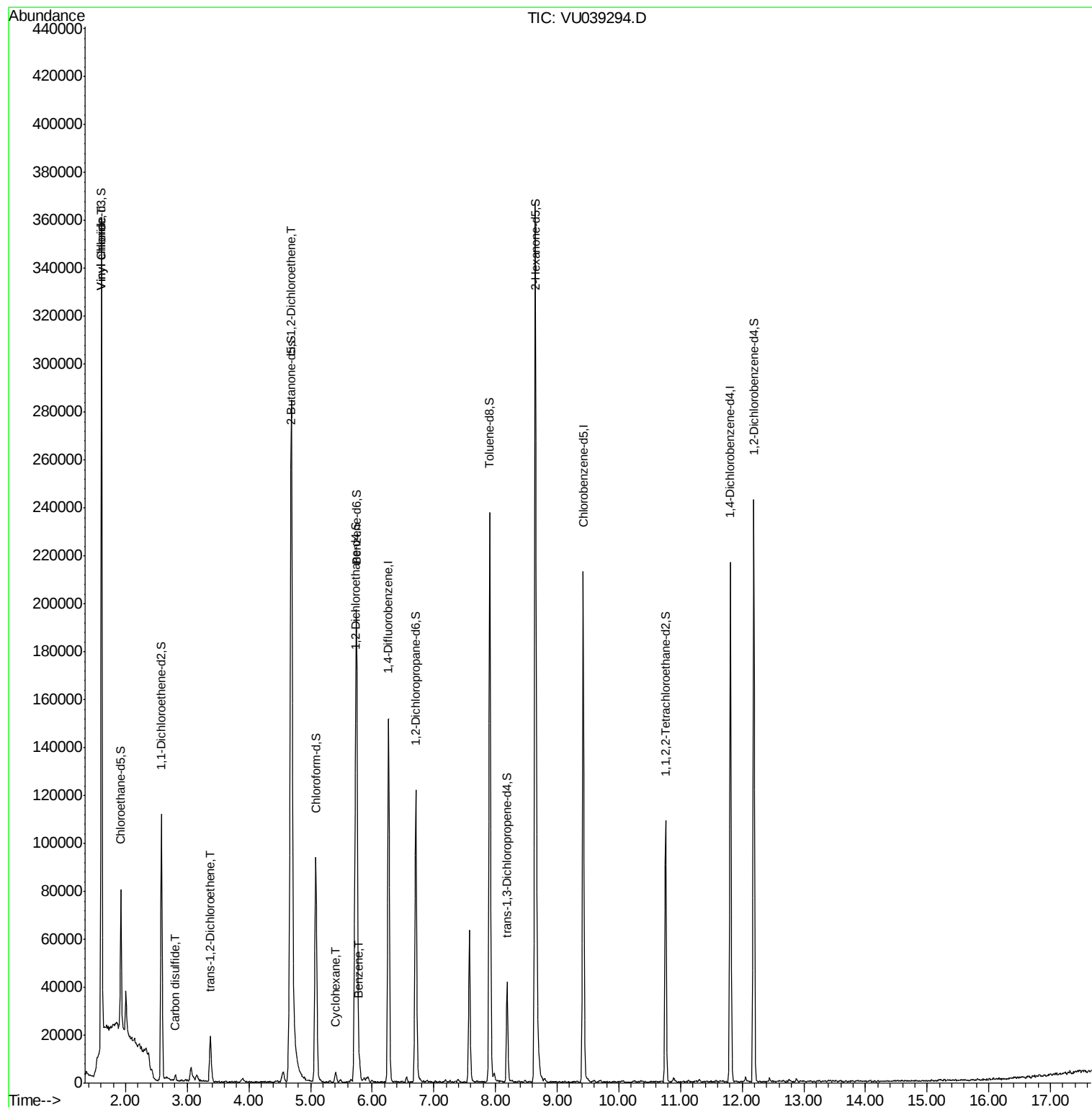
					Ovalue
5) Vinyl chloride	1.61	62	185614	20.766	ug/L 100
14) Carbon disulfide	2.81	76	3249	0.150	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	5474	0.741	ug/L 90
22) cis-1,2-Dichloroethene	4.69	96	116960	13.892	ug/L 95
30) Cyclohexane	5.41	56	2016	0.157	ug/L # 90
33) Benzene	5.79	78	6149	0.196	ug/L 100

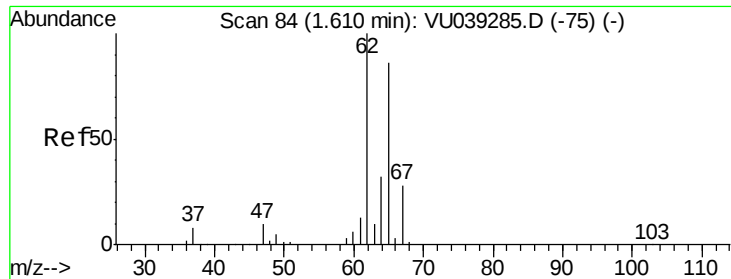
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 20.766 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039294.D

Acq: 06 Jul 2020 16:24

Instrument :

MSVOA_U

ClientSampleId :

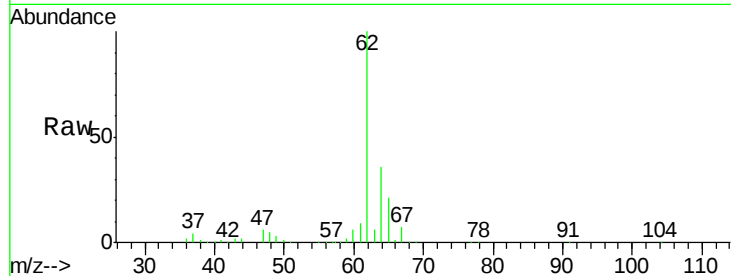
H4280

Tot Ion: 62 Resp: 185614

Ion Ratio Lower Upper

62 100

64 36.3 25.6 47.4



Abundance Ion 62.00 (61.70 to 62.70): VU039285.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU039285.D (-75) (-)

1.61

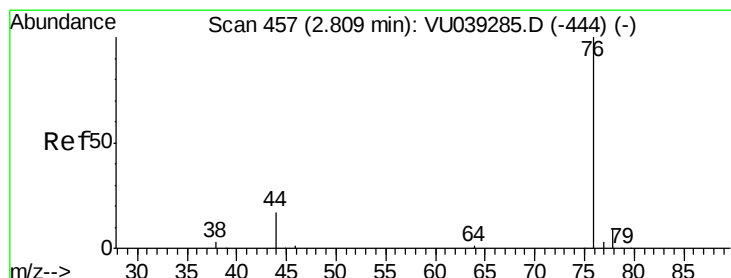
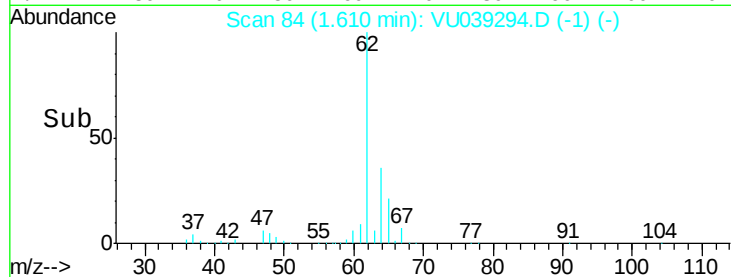
150000

100000

50000

0

Time-->



#14

Carbon disulfide

Concen: 0.150 ug/L

RT: 2.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: VU039294.D

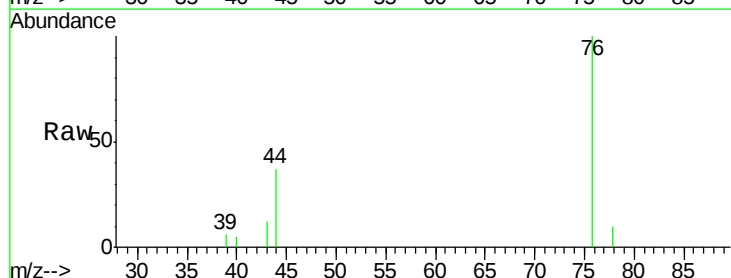
Acq: 06 Jul 2020 16:24

Tgt Ion: 76 Resp: 3249

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VU039285.D (-444) (-)

Ion 78.00 (77.70 to 78.70): VU039285.D (-444) (-)

2.81

2000

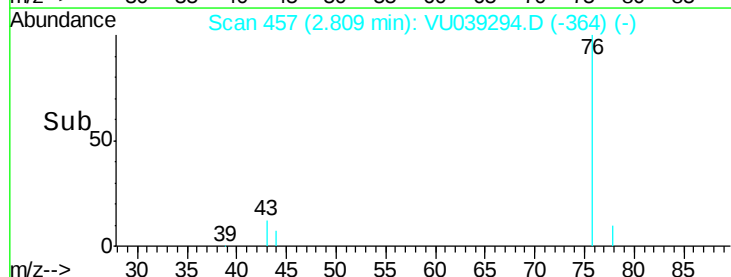
1500

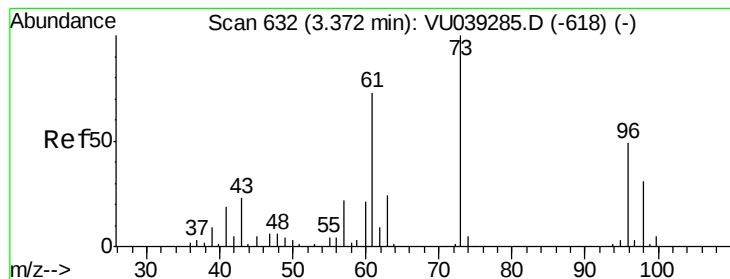
1000

500

0

Time-->





#18

trans-1,2-Dichloroethene

Concen: 0.741 ug/L

RT: 3.37 min Scan# 632

Delta R.T. -0.00 min

Lab File: VU039294.D

Acq: 06 Jul 2020 16:24

Instrument :

MSVOA_U

ClientSampleId :

H4280

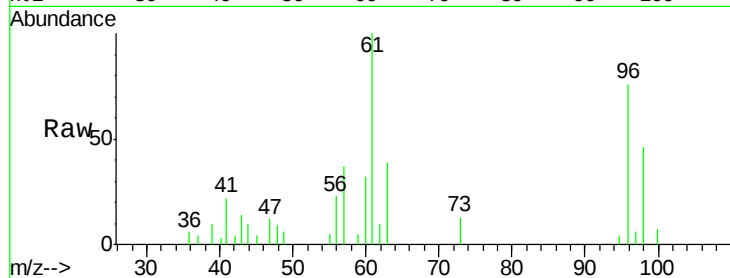
Tot Ion: 96 Resp: 5474

Ion Ratio Lower Upper

96 100

61 132.2 104.7 194.5

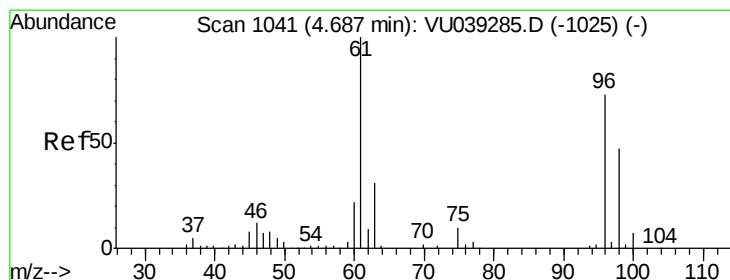
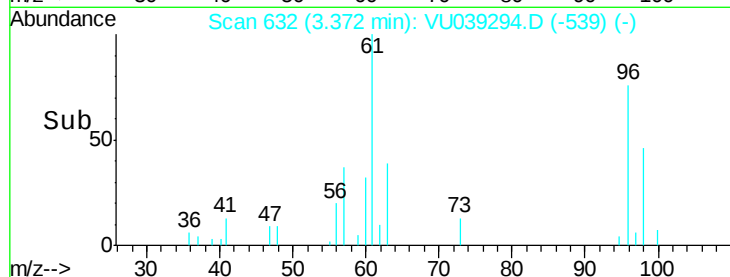
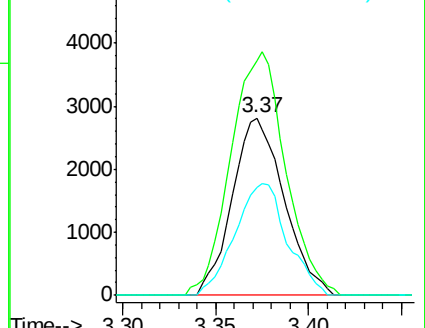
98 61.1 43.1 80.1



Abundance Ion 96.00 (95.70 to 96.70): VU039285.D (-618) (-)

Ion 61.05 (60.75 to 61.75): VU039285.D (-618) (-)

Ion 97.95 (97.65 to 98.65): VU039285.D (-618) (-)



#22

cis-1,2-Dichloroethene

Concen: 13.892 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VU039294.D

Acq: 06 Jul 2020 16:24

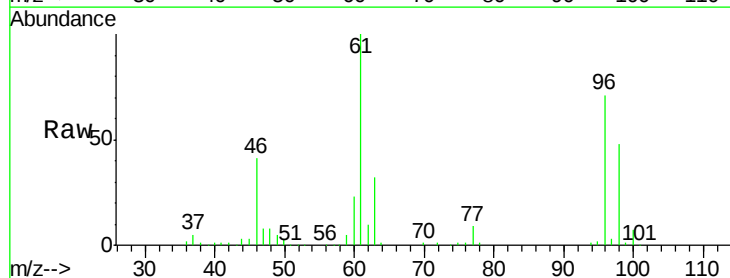
Tgt Ion: 96 Resp: 116960

Ion Ratio Lower Upper

96 100

61 140.2 93.7 173.9

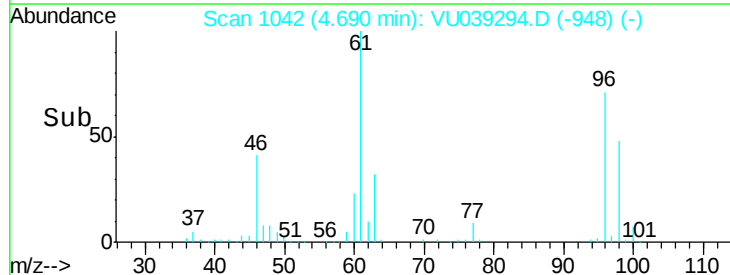
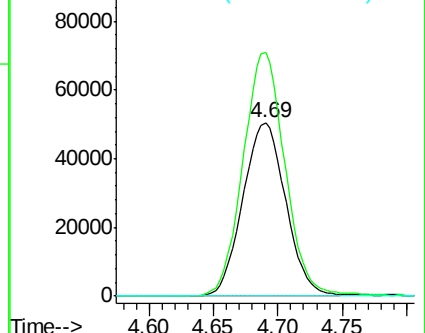
68 0.0 0.0 0.0

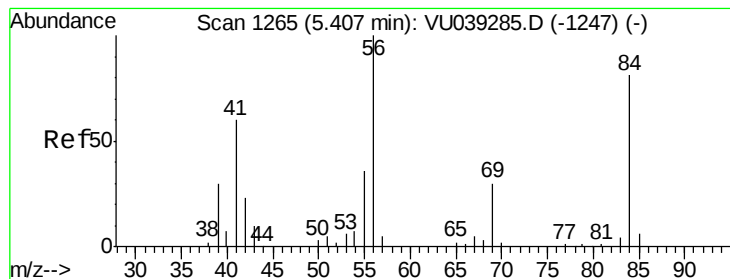


Abundance Ion 96.00 (95.70 to 96.70): VU039285.D (-1025) (-)

Ion 61.05 (60.75 to 61.75): VU039285.D (-1025) (-)

Ion 68.15 (67.85 to 68.85): VU039285.D (-1025) (-)





#30

Cyclohexane

Concen: 0.157 ug/L

RT: 5.41 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VU039294.D

Acq: 06 Jul 2020 16:24

Instrument :

MSVOA_U

ClientSampled :

H4280

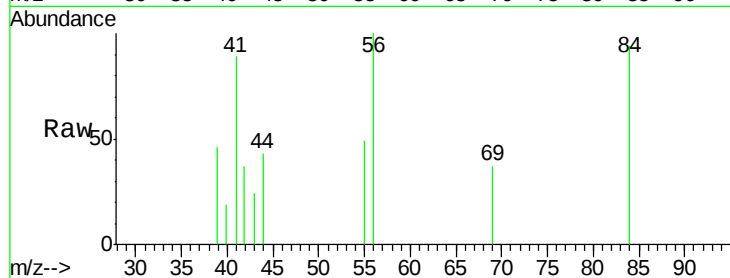
Tot Ion: 56 Resp: 2016

Ion Ratio Lower Upper

56 100

69 10.6 24.2 36.4#

84 83.7 67.0 100.4

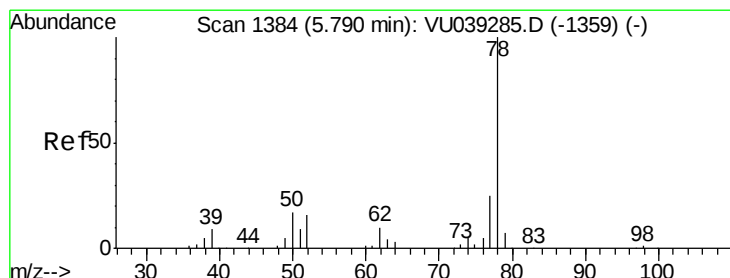
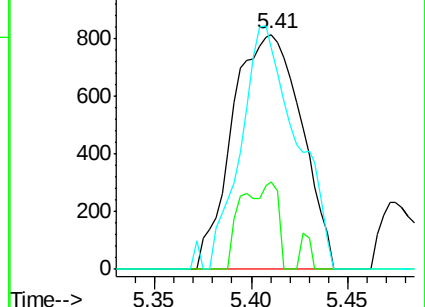
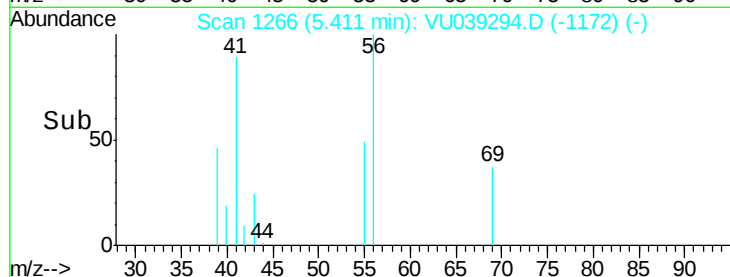


Abundance Ion 56.10 (55.80 to 56.80): VU039285.D (-1247) (-)

Ion 69.15 (68.85 to 69.85): VU039285.D (-1247) (-)

Ion 84.15 (83.85 to 84.85): VU039285.D (-1247) (-)

Time-->



#33

Benzene

Concen: 0.196 ug/L

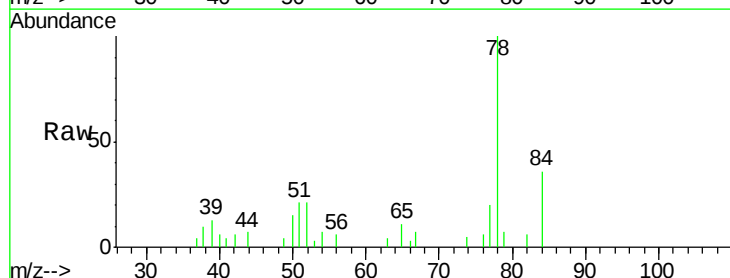
RT: 5.79 min Scan# 1384

Delta R.T. -0.00 min

Lab File: VU039294.D

Acq: 06 Jul 2020 16:24

Tgt Ion: 78 Resp: 6149



Abundance Ion 78.10 (77.80 to 78.80): VU039285.D (-1359) (-)

Time-->

