

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039322.D
 Acq On : 07 Jul 2020 18:24
 Operator : SY/MD
 Sample : L3193-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4281

Quant Time: Jul 08 02:02:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:44:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	108579	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102404	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48611	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38952	6.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.80%
7) Chloroethane-d5	1.93	69	35827	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.58	63	58035	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	4.67	46	177237	61.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.10%
24) Chloroform-d	5.09	84	80130	5.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.60%
26) 1,2-Dichloroethane-d4	5.72	65	49874	5.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.60%
32) Benzene-d6	5.75	84	157212	6.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	127.60%#
36) 1,2-Dichloropropane-d6	6.71	67	52407	6.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.00%
41) Toluene-d8	7.91	98	139344	6.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.40%#
43) trans-1,3-Dichloropropene-	8.19	79	22782	5.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	119.20%
46) 2-Hexanone-d5	8.64	63	137877	60.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.54%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	49244	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	55136	6.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.00%#

Target Compounds

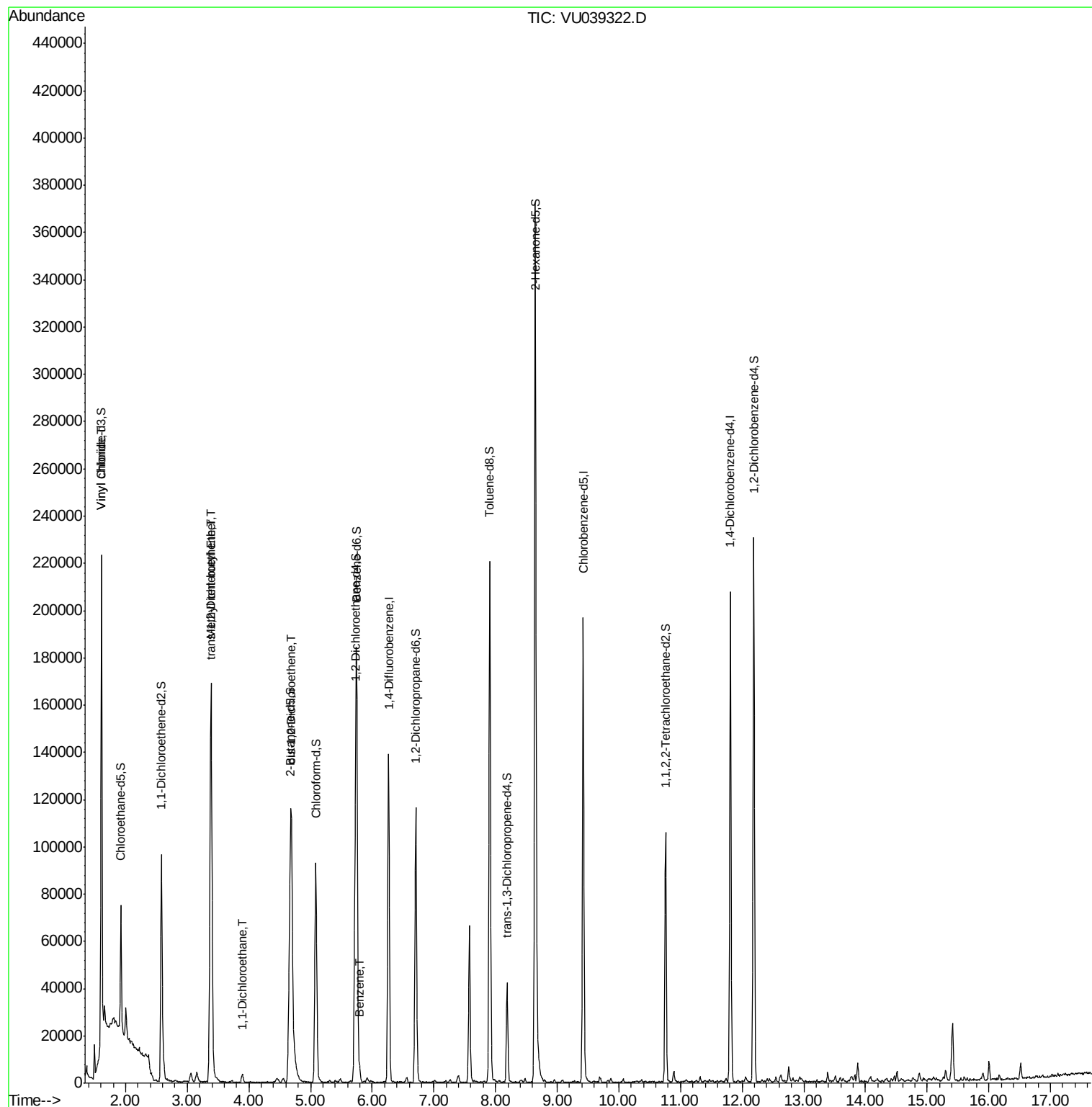
					Ovalue
5) Vinyl chloride	1.61	62	81760	9.235 ug/L #	82
17) Methyl tert-butyl Ether	3.39	73	192691	9.470 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	2502	0.350 ug/L	93
19) 1,1-Dichloroethane	3.89	63	4474	0.320 ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	30901	3.855 ug/L	95
33) Benzene	5.80	78	4633	0.151 ug/L	100

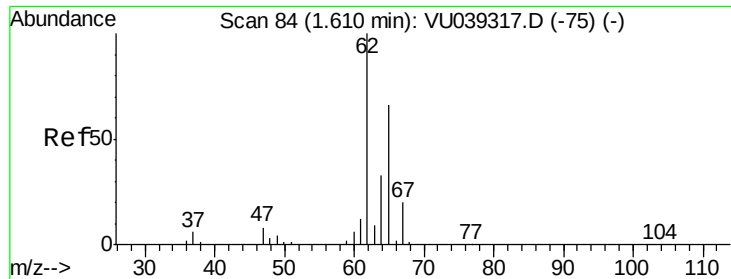
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070720\
Data File : VU039322.D
Acq On : 07 Jul 2020 18:24
Operator : SY/MD
Sample : L3193-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4281

Quant Time: Jul 08 02:02:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:44:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 9.235 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039322.D

Acq: 07 Jul 2020 18:24

Instrument :

MSVOA_U

ClientSampleId :

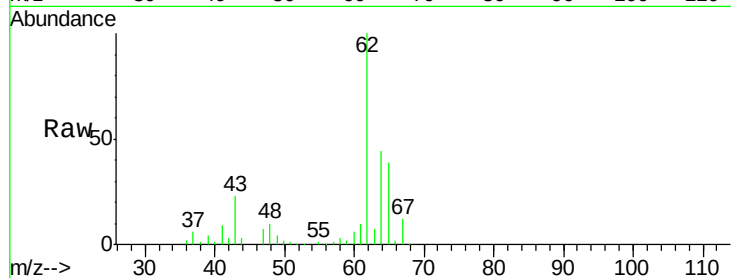
H4281

Tot Ion: 62 Resp: 81760

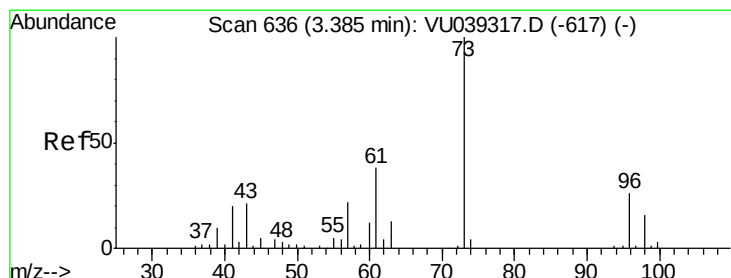
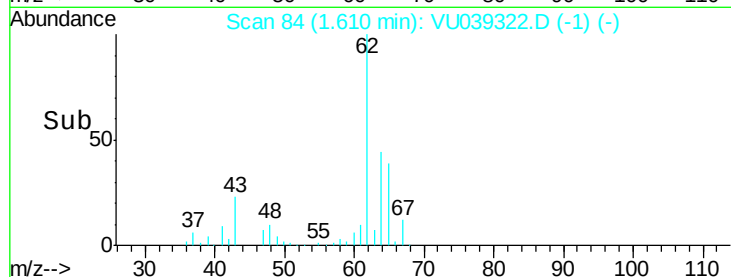
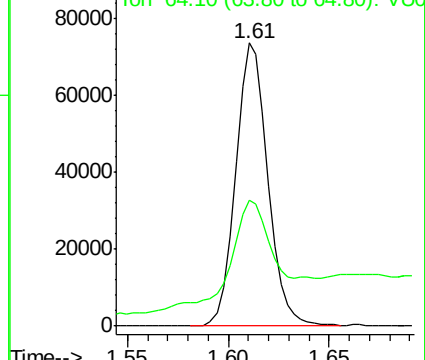
Ion Ratio Lower Upper

62 100

64 44.3 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VU039317.D (-75) (-)



#17

Methyl tert-butyl Ether

Concen: 9.470 ug/L

RT: 3.39 min Scan# 636

Delta R.T. 0.00 min

Lab File: VU039322.D

Acq: 07 Jul 2020 18:24

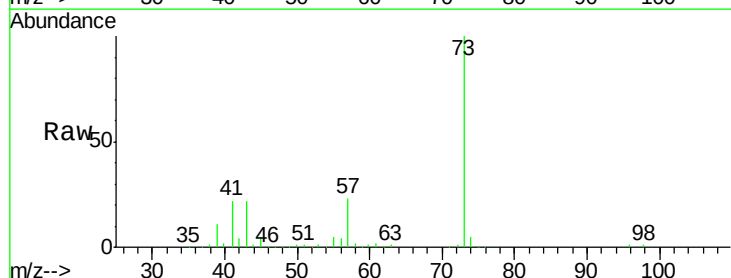
Tgt Ion: 73 Resp: 192691

Ion Ratio Lower Upper

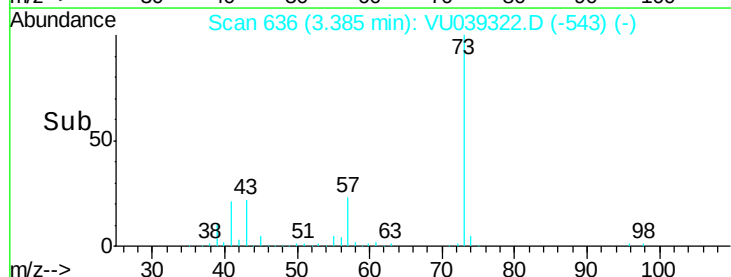
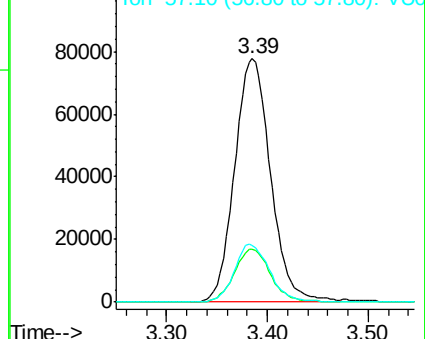
73 100

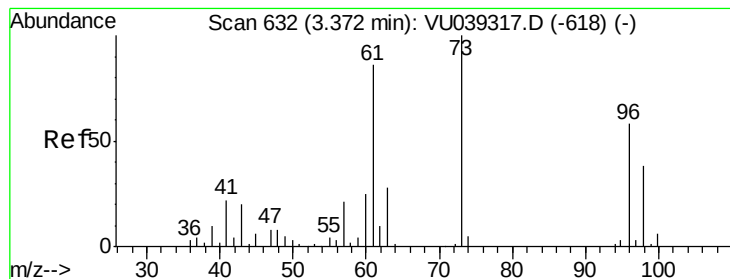
43 22.3 18.6 28.0

57 23.4 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU039317.D (-617) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.350 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU039322.D

Acq: 07 Jul 2020 18:24

Instrument :

MSVOA_U

ClientSampleId :

H4281

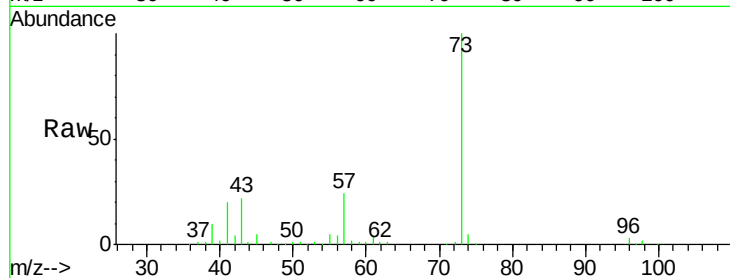
Tot Ion: 96 Resp: 2502

Ion Ratio Lower Upper

96 100

61 134.8 102.1 189.5

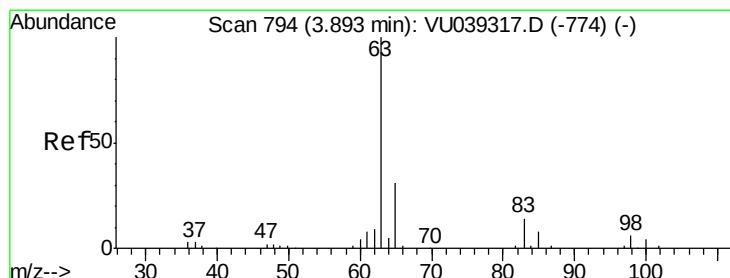
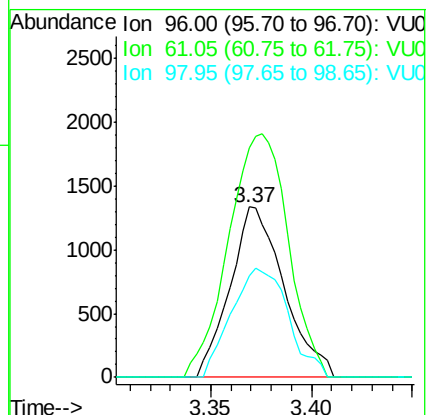
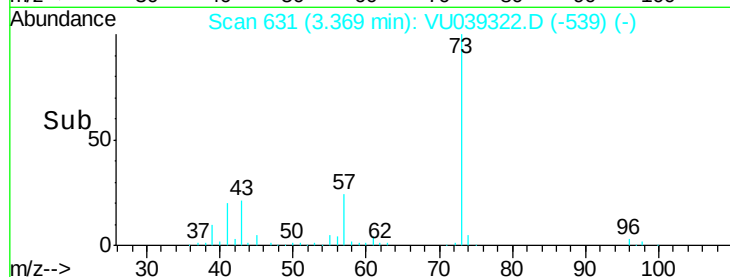
98 59.7 42.5 78.9



Abundance Ion 96.00 (95.70 to 96.70): VU039322.D (-539) (-)

Ion 61.05 (60.75 to 61.75): VU039322.D (-539) (-)

Ion 97.95 (97.65 to 98.65): VU039322.D (-539) (-)



#19

1,1-Dichloroethane

Concen: 0.320 ug/L

RT: 3.89 min Scan# 794

Delta R.T. 0.00 min

Lab File: VU039322.D

Acq: 07 Jul 2020 18:24

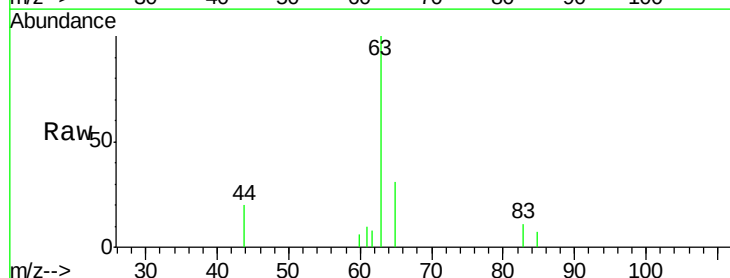
Tgt Ion: 63 Resp: 4474

Ion Ratio Lower Upper

63 100

65 31.4 23.0 42.6

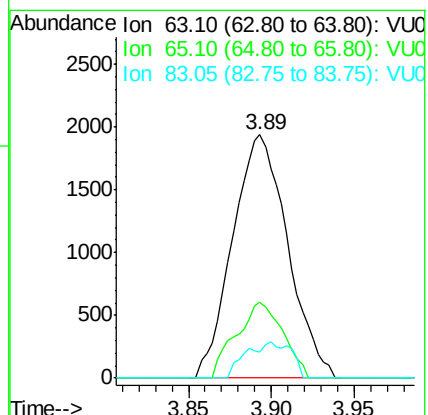
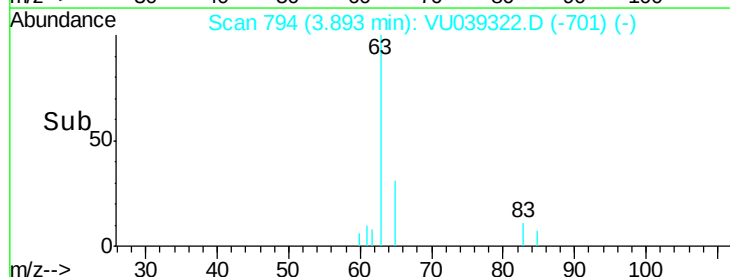
83 10.6 9.6 17.8

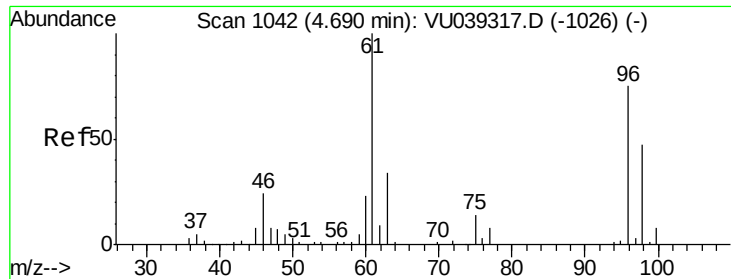


Abundance Ion 63.10 (62.80 to 63.80): VU039322.D (-701) (-)

Ion 65.10 (64.80 to 65.80): VU039322.D (-701) (-)

Ion 83.05 (82.75 to 83.75): VU039322.D (-701) (-)





#22

cis-1,2-Dichloroethene

Concen: 3.855 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VU039322.D

Acq: 07 Jul 2020 18:24

Instrument :

MSVOA_U

ClientSampleId :

H4281

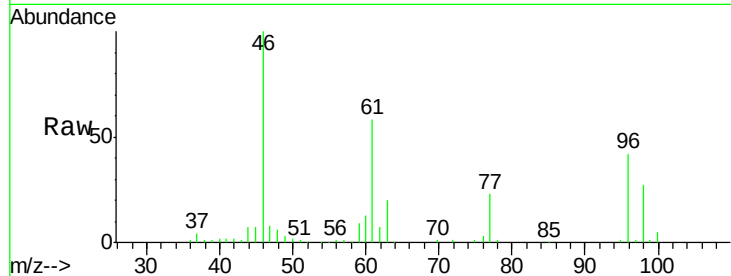
Tot Ion: 96 Resp: 30901

Ion Ratio Lower Upper

96 100

61 138.8 92.8 172.4

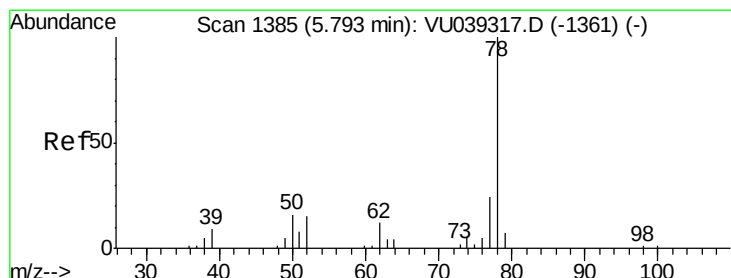
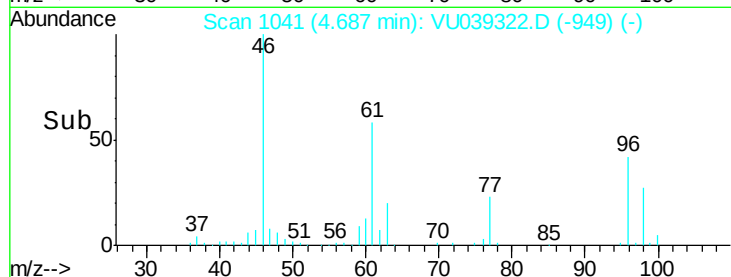
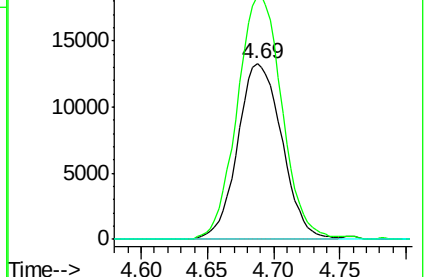
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039317.D (-1026) (-)

Ion 61.05 (60.75 to 61.75): VU039317.D (-1026) (-)

Ion 68.15 (67.85 to 68.85): VU039317.D (-1026) (-)



#33

Benzene

Concen: 0.151 ug/L

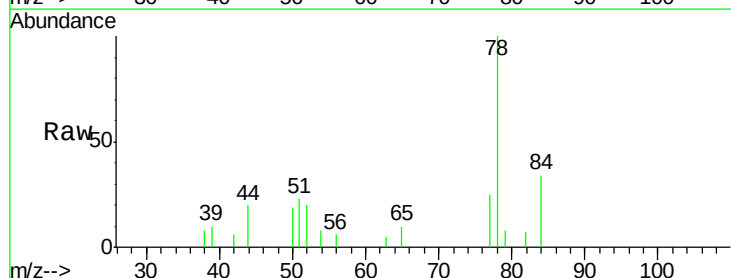
RT: 5.80 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VU039322.D

Acq: 07 Jul 2020 18:24

Tgt Ion: 78 Resp: 4633



Abundance Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

