

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070820\
 Data File : VU039383.D
 Acq On : 09 Jul 2020 06:11
 Operator : SY/MD
 Sample : L3244-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4B13

Quant Time: Jul 09 08:09:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 05:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	100233	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	91937	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44424	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29147	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.93	69	30648	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.58	63	44862	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.66	46	152204	57.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.52%
24) Chloroform-d	5.09	84	68023	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.72	65	43500	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.75	84	131469	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.80%
36) 1,2-Dichloropropane-d6	6.70	67	45008	5.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.80%
41) Toluene-d8	7.91	98	112434	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.20%
43) trans-1,3-Dichloropropene-	8.19	79	18670	5.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.80%
46) 2-Hexanone-d5	8.64	63	111361	54.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.34%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	40863	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	44697	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

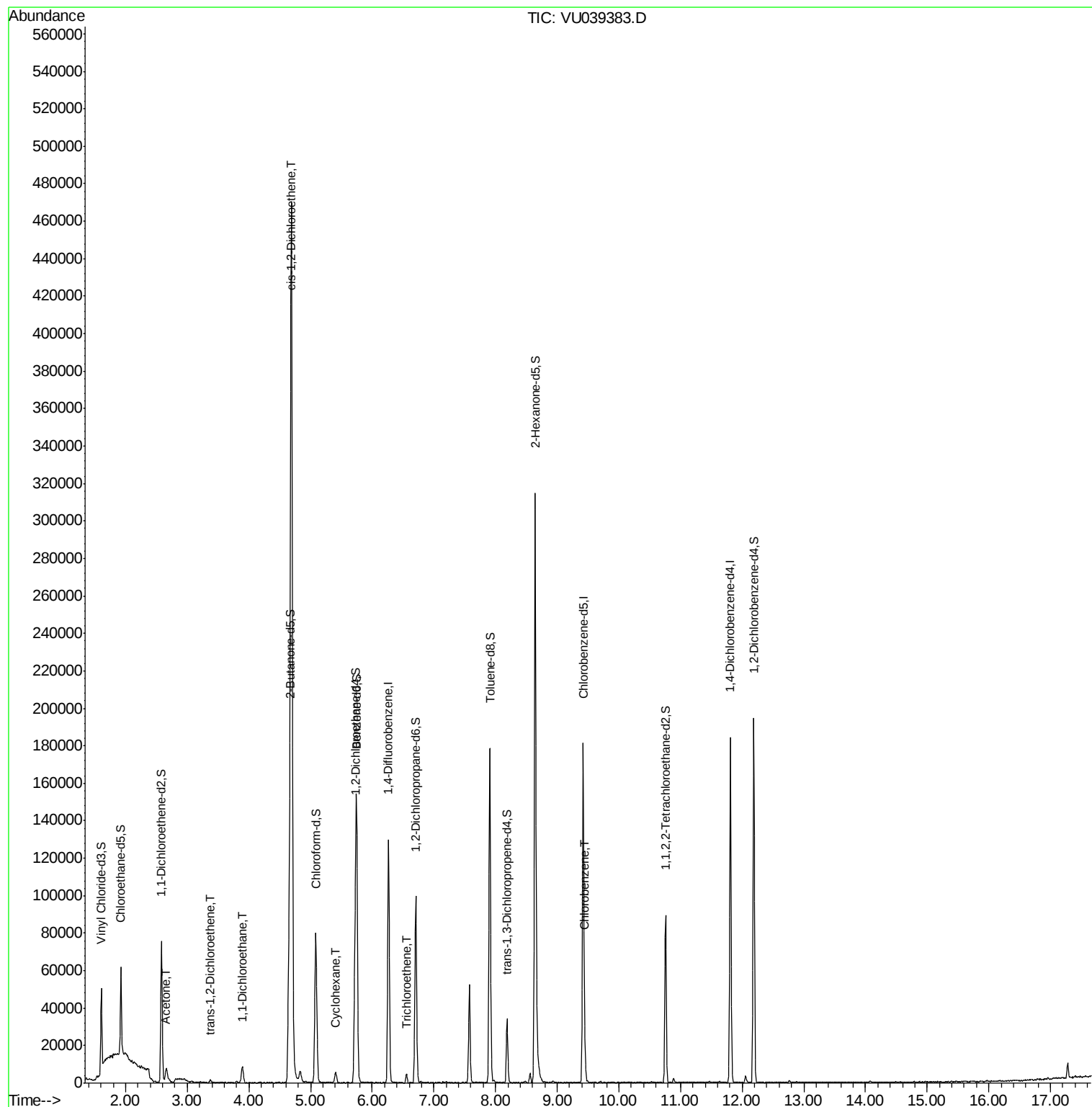
					Ovalue
13) Acetone	2.66	43	12706	8.856	ug/L 93
18) trans-1,2-Dichloroethene	3.37	96	619	0.094	ug/L 87
19) 1,1-Dichloroethane	3.89	63	10604	0.821	ug/L 90
22) cis-1,2-Dichloroethene	4.69	96	214758	29.022	ug/L 97
30) Cyclohexane	5.41	56	2788	0.245	ug/L 94
34) Trichloroethene	6.56	95	1344	0.189	ug/L 92
51) Chlorobenzene	9.45	112	5735	0.319	ug/L 98

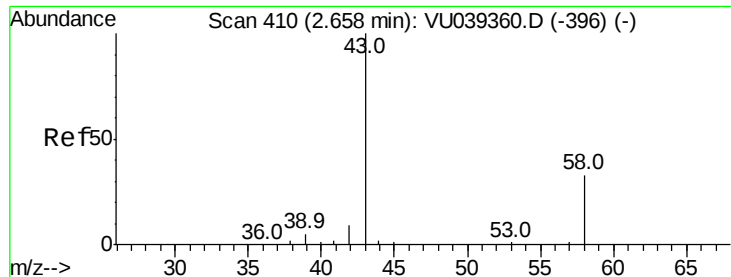
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.856 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU039383.D

Acq: 09 Jul 2020 06:11

Instrument :

MSVOA_U

ClientSampleId :

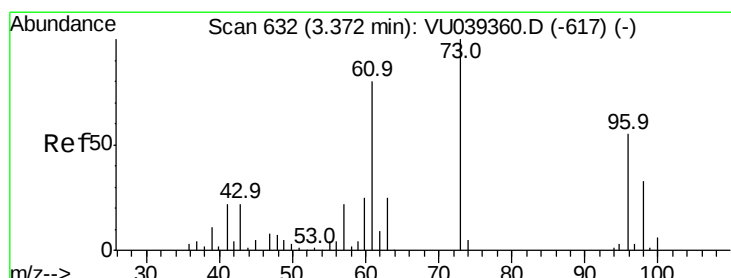
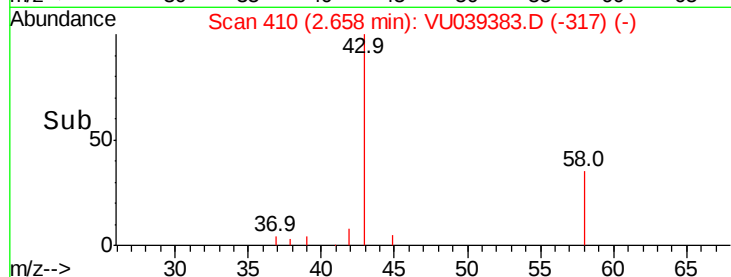
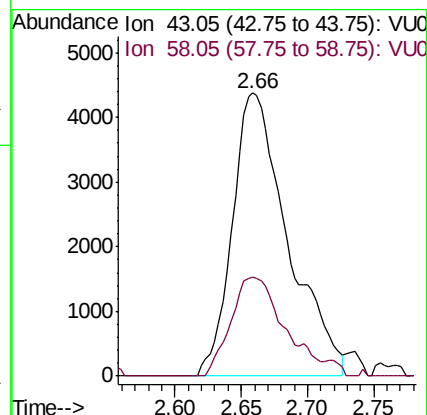
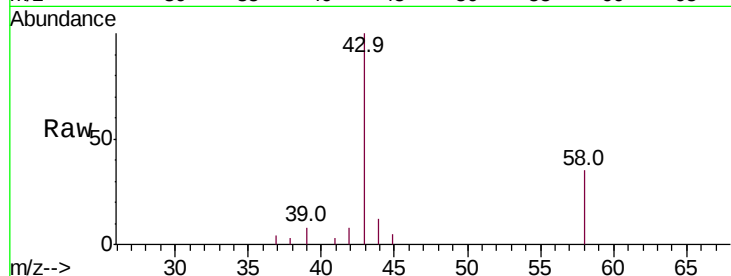
F4B13

Tot Ion: 43 Resp: 12706

Ion Ratio Lower Upper

43 100

58 35.1 0.0 62.8



#18

trans-1,2-Dichloroethene

Concen: 0.094 ug/L

RT: 3.37 min Scan# 632

Delta R.T. -0.00 min

Lab File: VU039383.D

Acq: 09 Jul 2020 06:11

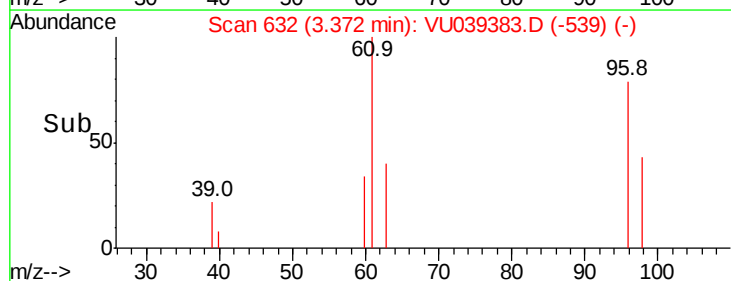
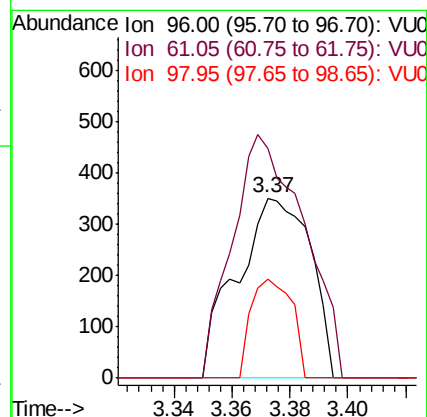
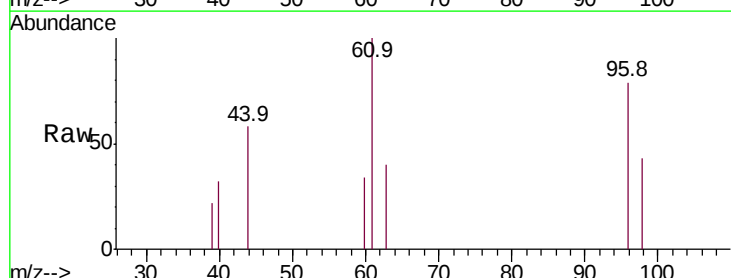
Tgt Ion: 96 Resp: 619

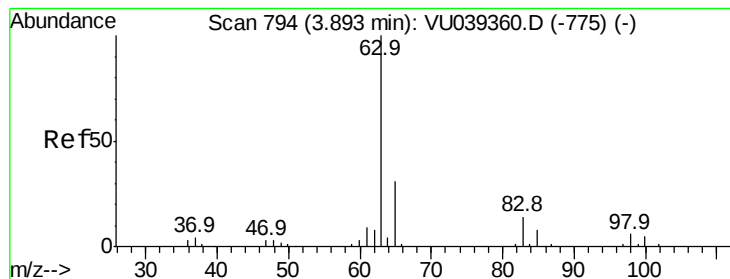
Ion Ratio Lower Upper

96 100

61 127.1 102.1 189.5

98 55.0 42.5 78.9





#19

1,1-Dichloroethane

Concen: 0.821 ug/L

RT: 3.89 min Scan# 794

Delta R.T. -0.00 min

Lab File: VU039383.D

Acq: 09 Jul 2020 06:11

Instrument :

MSVOA_U

ClientSampleId :

F4B13

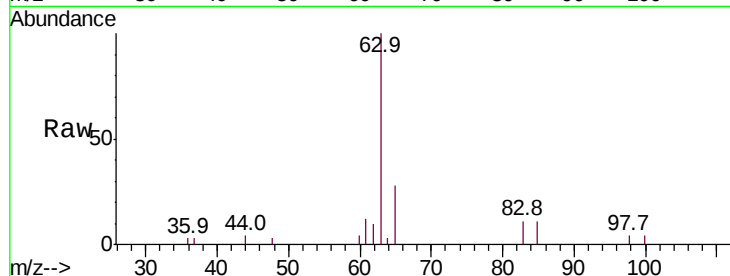
Tot Ion: 63 Resp: 10604

Ion Ratio Lower Upper

63 100

65 27.0 23.0 42.6

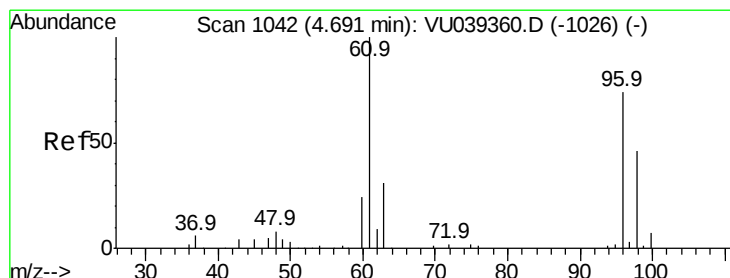
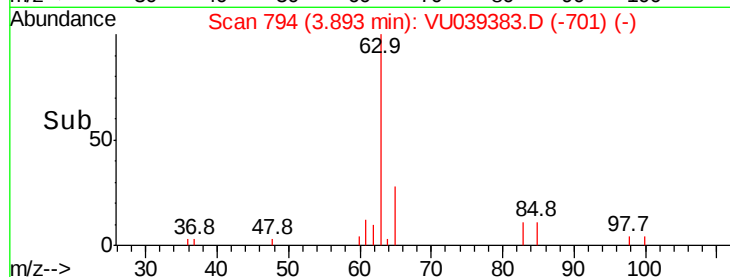
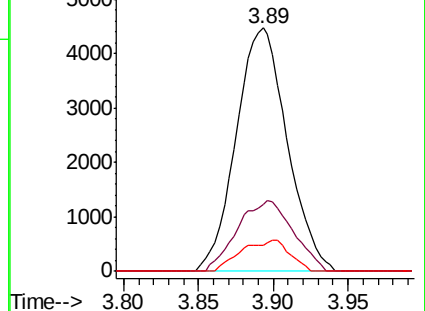
83 10.4 9.6 17.8



Abundance Ion 63.10 (62.80 to 63.80): VU039360.D (-775) (-)

Ion 65.10 (64.80 to 65.80): VU039360.D (-775) (-)

Ion 83.05 (82.75 to 83.75): VU039360.D (-775) (-)



#22

cis-1,2-Dichloroethene

Concen: 29.022 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VU039383.D

Acq: 09 Jul 2020 06:11

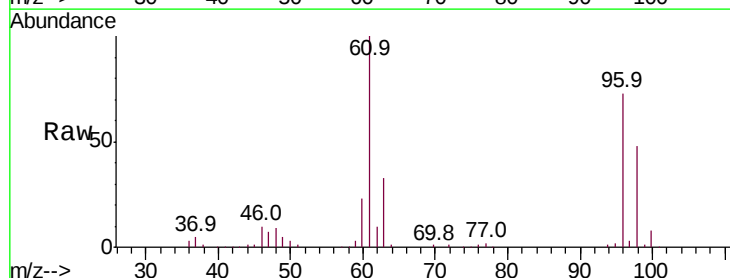
Tgt Ion: 96 Resp: 214758

Ion Ratio Lower Upper

96 100

61 136.4 92.8 172.4

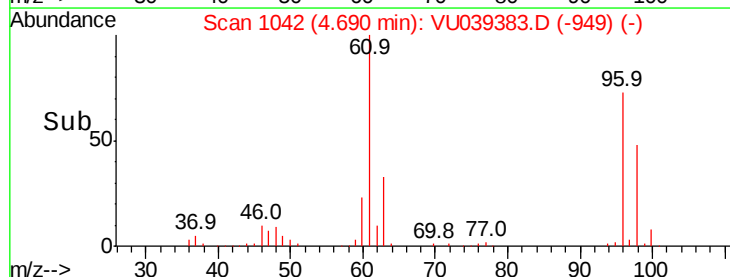
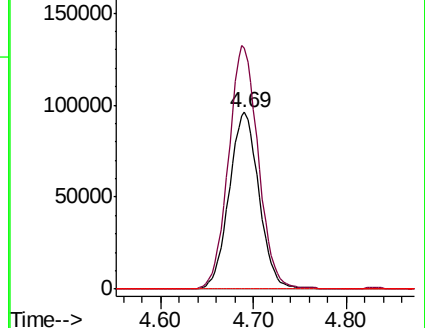
68 0.0 0.0 0.0

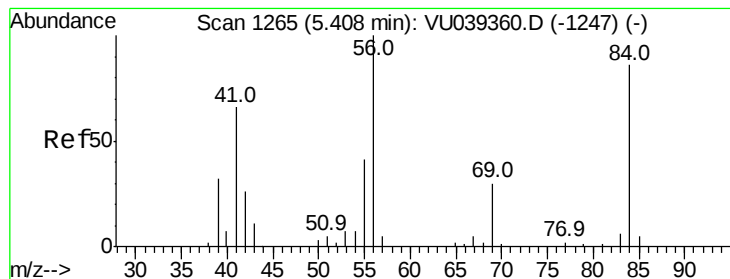


Abundance Ion 96.00 (95.70 to 96.70): VU039360.D (-1026) (-)

Ion 61.05 (60.75 to 61.75): VU039360.D (-1026) (-)

Ion 68.15 (67.85 to 68.85): VU039360.D (-1026) (-)





#30

Cyclohexane

Concen: 0.245 ug/L

RT: 5.41 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VU039383.D

Acq: 09 Jul 2020 06:11

Instrument :

MSVOA_U

ClientSampleId :

F4B13

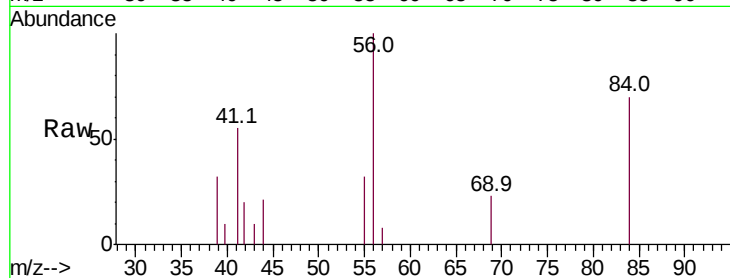
Tot Ion: 56 Resp: 2788

Ion Ratio Lower Upper

56 100

69 28.3 24.1 36.1

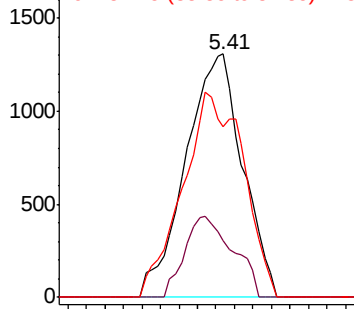
84 90.2 67.0 100.6



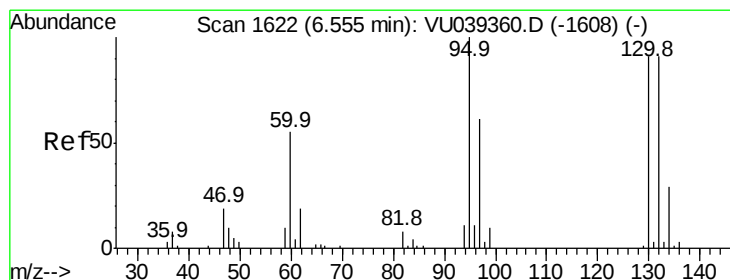
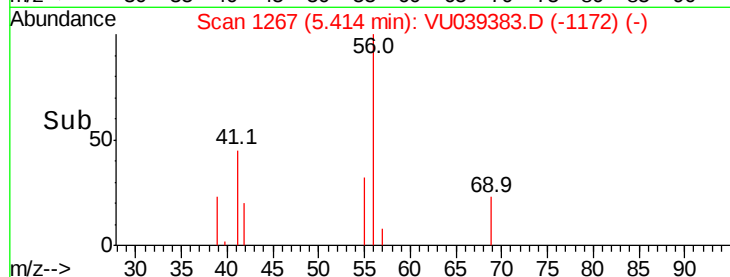
Abundance Ion 56.10 (55.80 to 56.80): VU039383.D (-1172) (-)

Ion 69.15 (68.85 to 69.85): VU039383.D (-1172) (-)

Ion 84.15 (83.85 to 84.85): VU039383.D (-1172) (-)



Time-->



#34

Trichloroethene

Concen: 0.189 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.00 min

Lab File: VU039383.D

Acq: 09 Jul 2020 06:11

Tgt Ion: 95 Resp: 1344

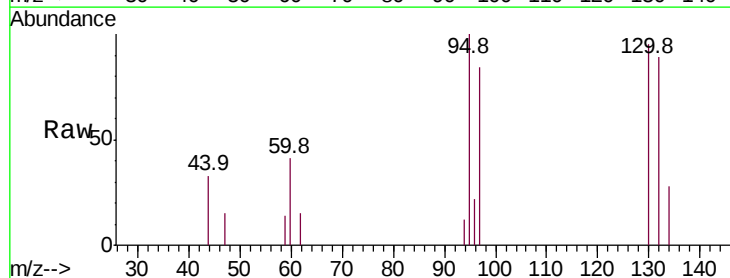
Ion Ratio Lower Upper

95 100

97 83.6 46.3 85.9

132 88.5 64.0 118.8

130 95.3 64.3 119.5

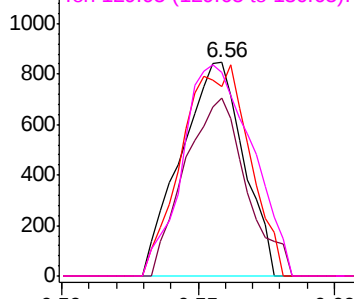


Abundance Ion 95.00 (94.70 to 95.70): VU039383.D (-1529) (-)

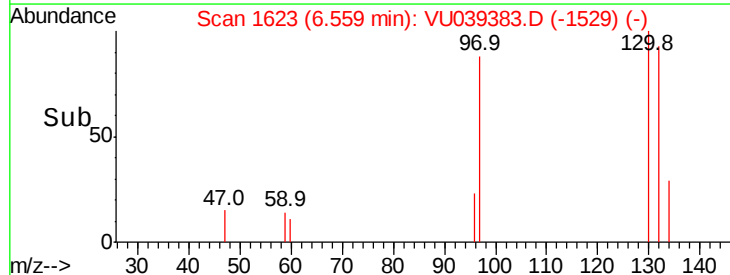
Ion 96.95 (96.65 to 97.65): VU039383.D (-1529) (-)

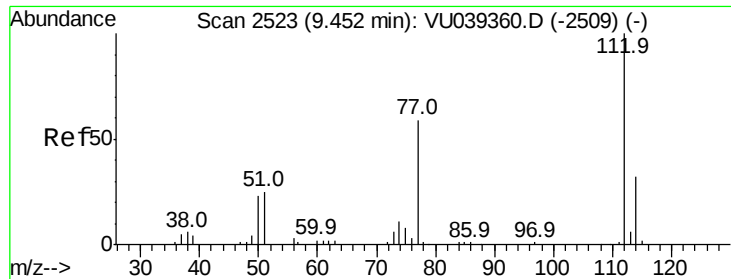
Ion 131.95 (131.65 to 132.65): VU039383.D (-1529) (-)

Ion 129.95 (129.65 to 130.65): VU039383.D (-1529) (-)



Time-->





#51
 Chlorobenzene
 Concen: 0.319 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: VU039383.D
 Acq: 09 Jul 2020 06:11

Instrument :
 MSVOA_U
 ClientSampleId :
 F4B13

Tot Ion:112 Resp: 5735
 Ion Ratio Lower Upper
 112 100
 114 29.5 22.1 41.1
 77 63.1 49.9 74.9

