

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111920\
 Data File : VU041347.D
 Acq On : 19 Nov 2020 16:49
 Operator : SY/MD
 Sample : L4790-08DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4420DL

Quant Time: Nov 20 07:11:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 20 05:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	61501	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63876	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25627	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15525	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.92	69	15444	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.58	63	26187	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.66	46	91511	49.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.12%
24) Chloroform-d	5.08	84	44902	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.72	65	28440	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.74	84	70866	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.70	67	25831	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.91	98	54622	3.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.40%#
43) trans-1,3-Dichloropropene-	8.19	79	10425	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.64	63	62486	45.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25224	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	23318	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

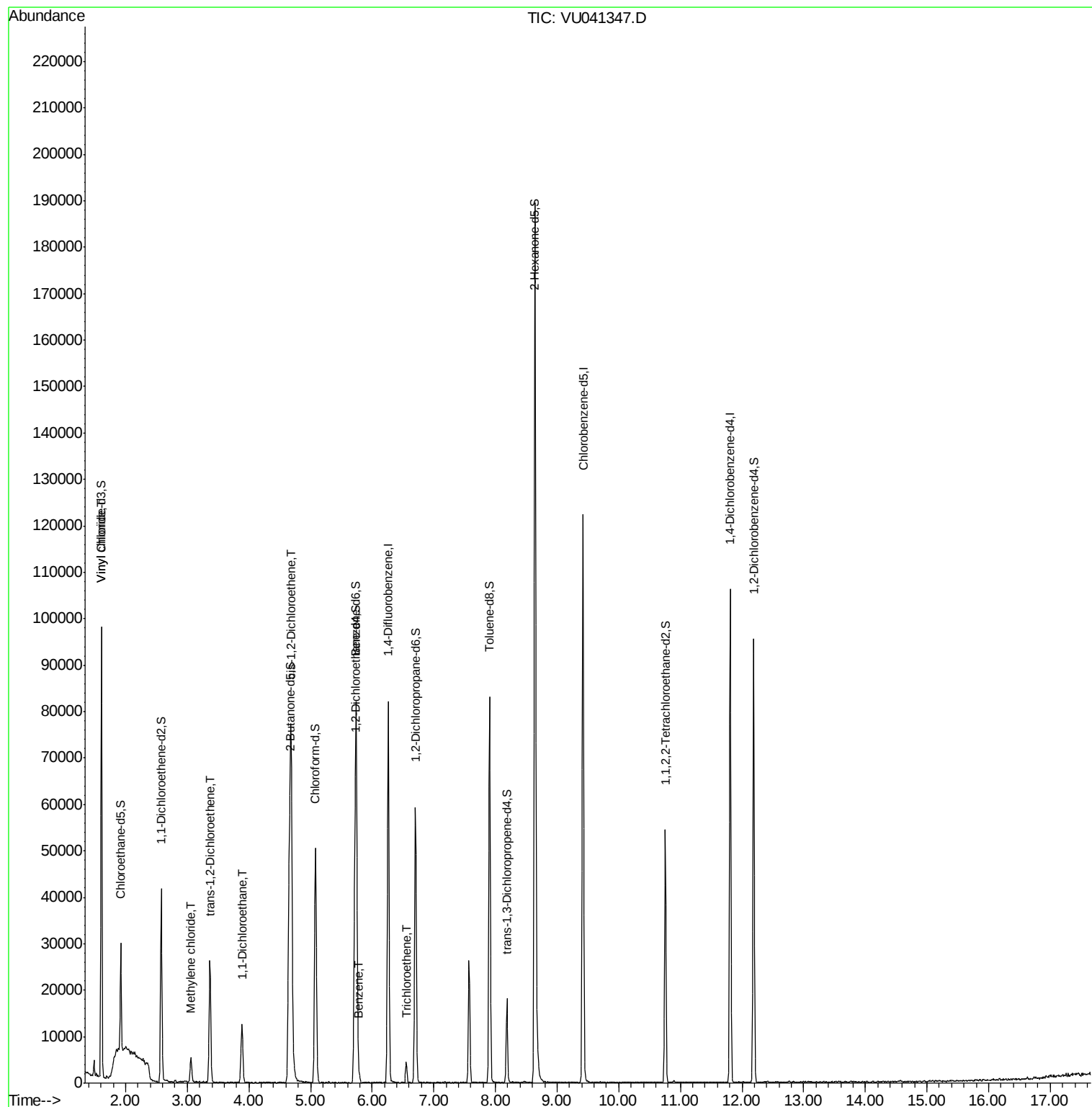
					Ovalue
5) Vinyl chloride	1.61	62	50883	9.530	ug/L 100
16) Methylene chloride	3.06	84	2490	0.496	ug/L 91
18) trans-1,2-Dichloroethene	3.37	96	10216	2.620	ug/L 94
19) 1,1-Dichloroethane	3.89	63	14258	1.636	ug/L 95
22) cis-1,2-Dichloroethene	4.68	96	26128	5.933	ug/L 99
33) Benzene	5.79	78	2013	0.116	ug/L 100
34) Trichloroethene	6.55	95	1713	0.366	ug/L 85

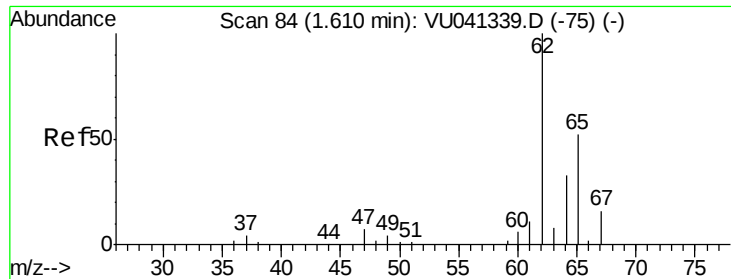
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 20 05:56:10 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 9.530 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Acq: 19 Nov 2020 16:49

Instrument :

MSVOA_U

ClientSampleId :

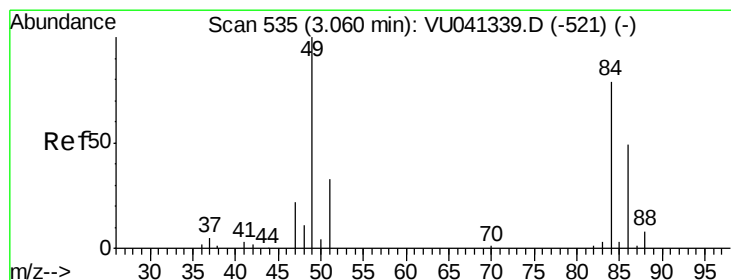
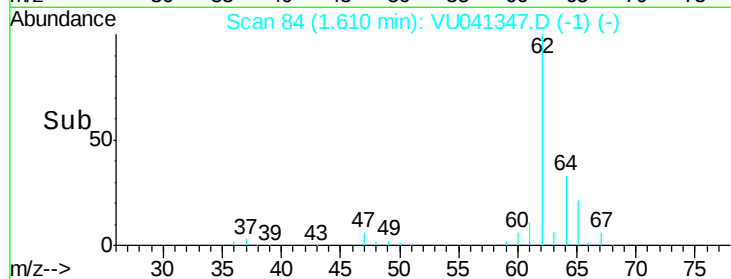
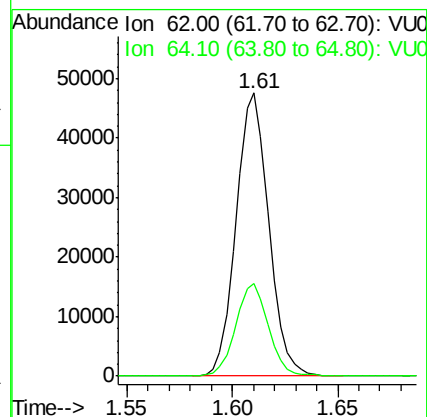
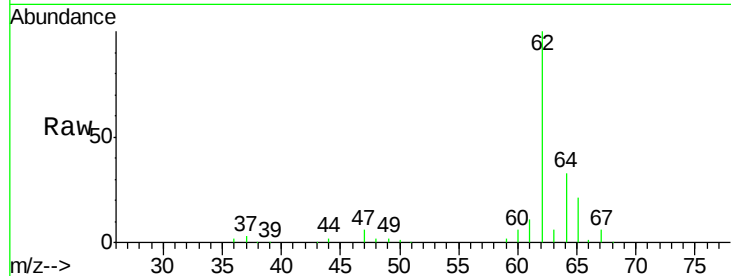
H4420DL

Tot Ion: 62 Resp: 50883

Ion Ratio Lower Upper

62 100

64 32.6 22.7 42.3



#16

Methylene chloride

Concen: 0.496 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU041347.D

Acq: 19 Nov 2020 16:49

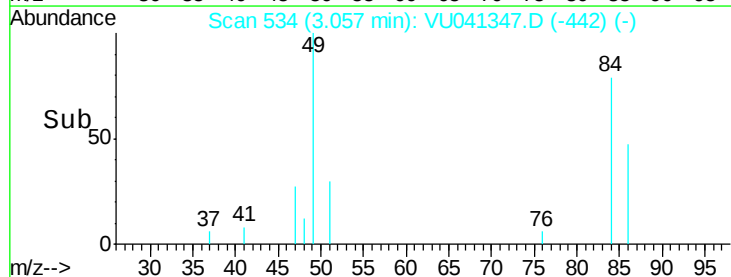
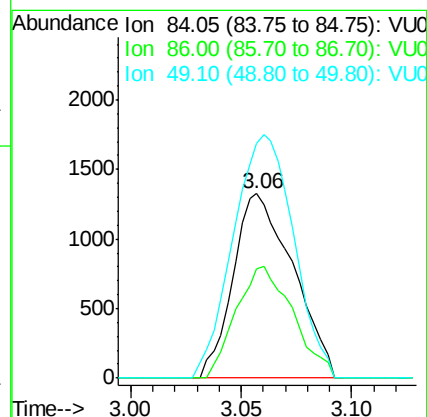
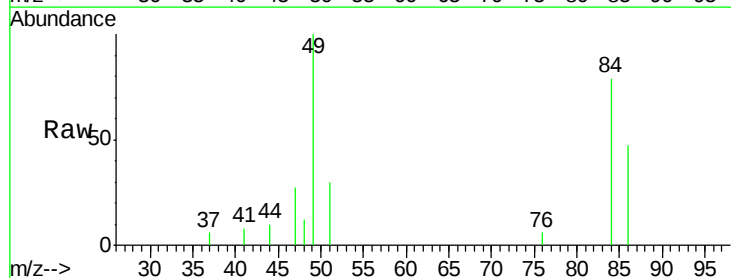
Tgt Ion: 84 Resp: 2490

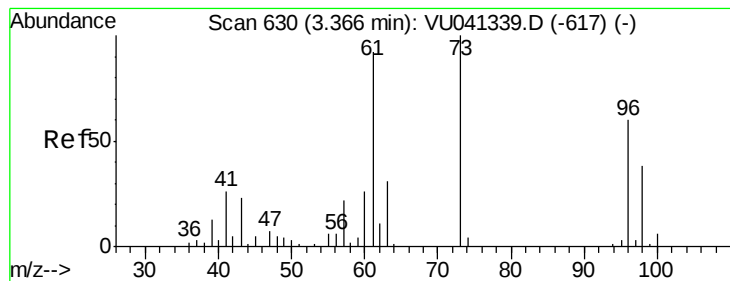
Ion Ratio Lower Upper

84 100

86 59.4 42.8 79.6

49 127.4 99.5 184.7





#18

trans-1,2-Dichloroethene

Concen: 2.620 ug/L

RT: 3.37 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU041347.D

Acq: 19 Nov 2020 16:49

Instrument :

MSVOA_U

ClientSampleId :

H4420DL

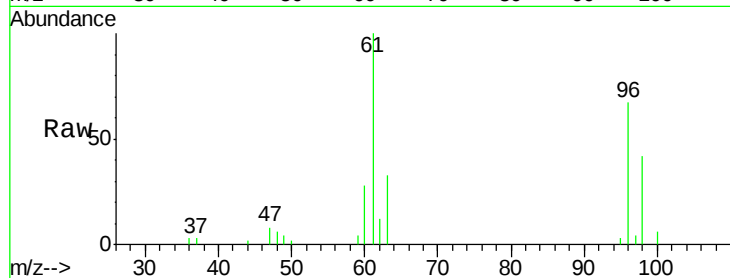
Tot Ion: 96 Resp: 10216

Ion Ratio Lower Upper

96 100

61 149.6 110.9 205.9

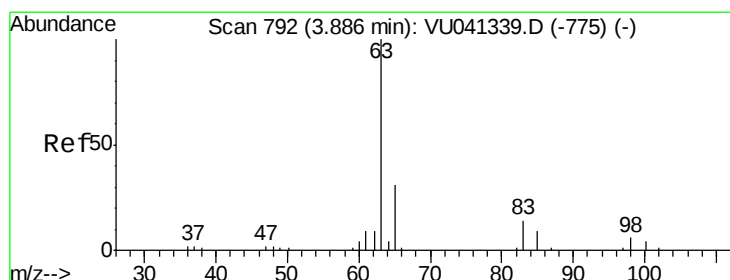
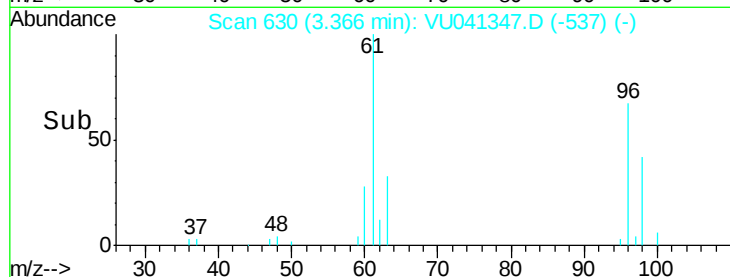
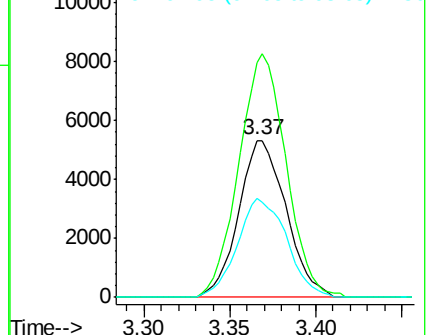
98 62.6 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VU041339.D (-617) (-)

Ion 61.05 (60.75 to 61.75): VU041339.D (-617) (-)

Ion 97.95 (97.65 to 98.65): VU041339.D (-617) (-)



#19

1,1-Dichloroethane

Concen: 1.636 ug/L

RT: 3.89 min Scan# 792

Delta R.T. 0.00 min

Lab File: VU041347.D

Acq: 19 Nov 2020 16:49

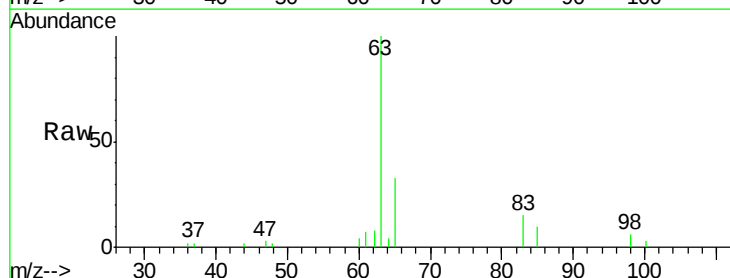
Tgt Ion: 63 Resp: 14258

Ion Ratio Lower Upper

63 100

65 33.0 21.3 39.6

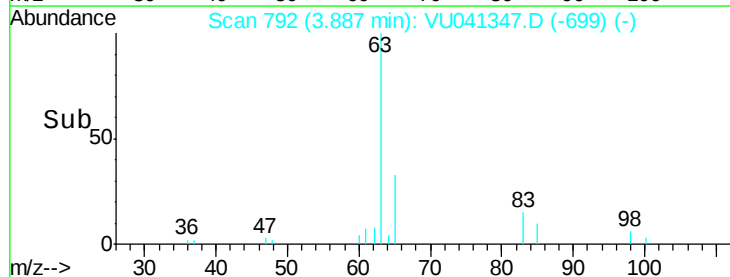
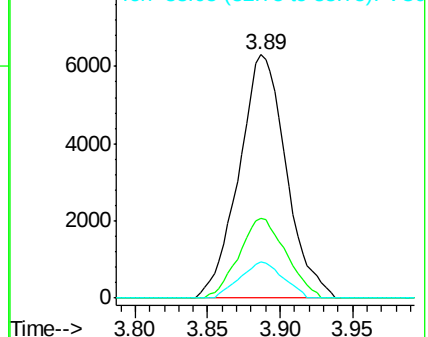
83 14.8 8.8 16.3

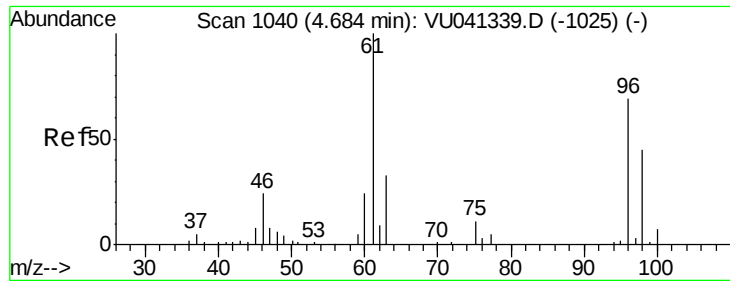


Abundance Ion 63.10 (62.80 to 63.80): VU041339.D (-775) (-)

Ion 65.10 (64.80 to 65.80): VU041339.D (-775) (-)

Ion 83.05 (82.75 to 83.75): VU041339.D (-775) (-)





#22

cis-1,2-Dichloroethene

Concen: 5.933 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041347.D

Acq: 19 Nov 2020 16:49

Instrument :

MSVOA_U

ClientSampleId :

H4420DL

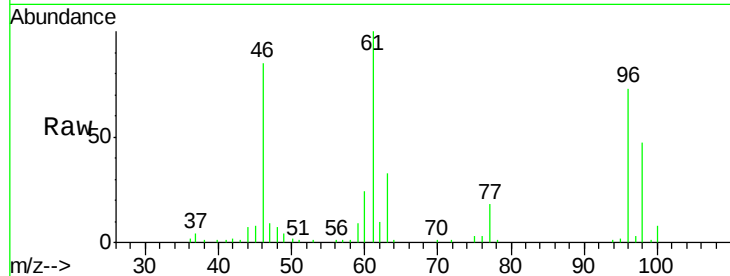
Tot Ion: 96 Resp: 26128

Ion Ratio Lower Upper

96 100

61 137.4 97.2 180.4

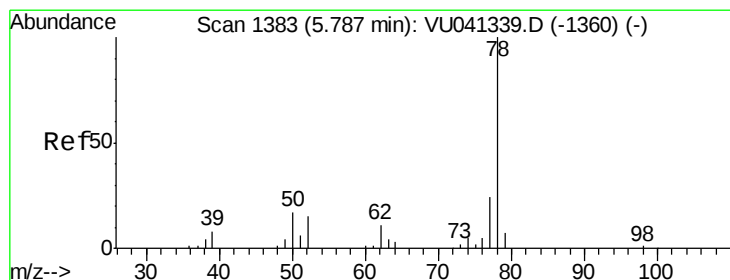
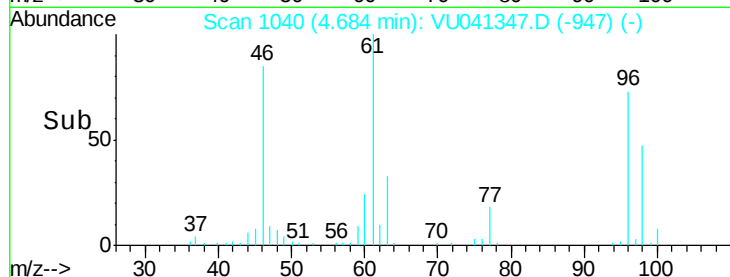
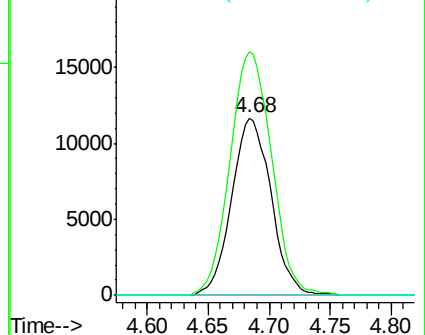
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#33

Benzene

Concen: 0.116 ug/L

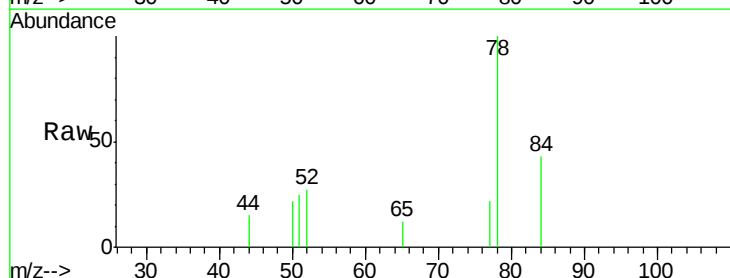
RT: 5.79 min Scan# 1383

Delta R.T. 0.00 min

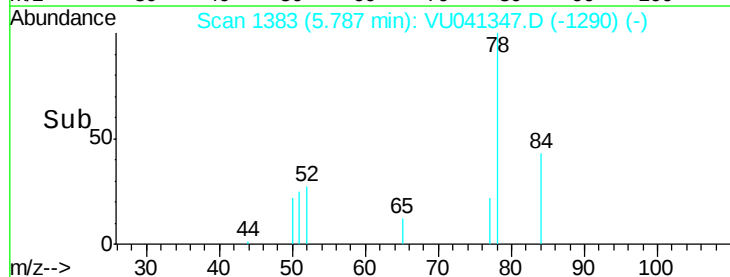
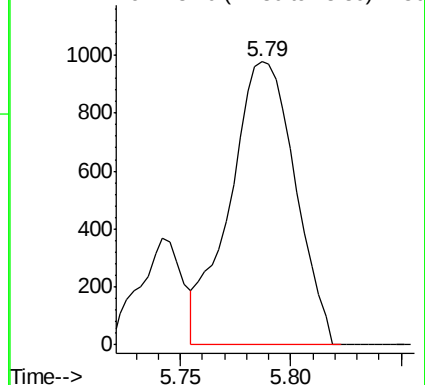
Lab File: VU041347.D

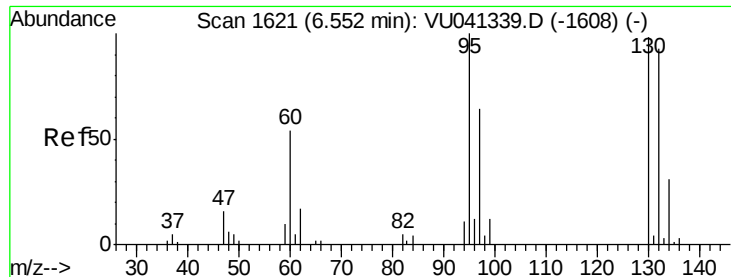
Acq: 19 Nov 2020 16:49

Tgt Ion: 78 Resp: 2013



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 0.366 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041347.D

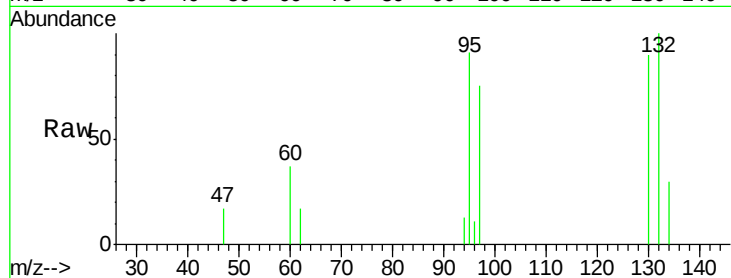
Acq: 19 Nov 2020 16:49

Instrument :

MSVOA_U

ClientSampleId :

H4420DL



Tot Ion: 95 Resp: 1713

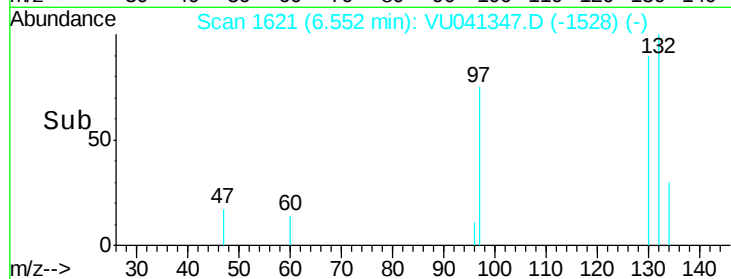
Ion Ratio Lower Upper

95 100

97 82.3 45.6 84.6

132 109.8 64.8 120.4

130 98.4 64.8 120.4



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

