

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111920\
 Data File : VU041320.D
 Acq On : 18 Nov 2020 18:38
 Operator : SY/MD
 Sample : L4790-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4389

Quant Time: Nov 19 01:06:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 19 00:50:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64209	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65720	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25395	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20340	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.92	69	18908	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.58	63	34568	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.66	46	90101	46.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.54%
24) Chloroform-d	5.08	84	49607	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.72	65	31581	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.74	84	87058	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.70	67	30171	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.91	98	68920	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.19	79	11650	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.64	63	64402	45.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27121	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	26541	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

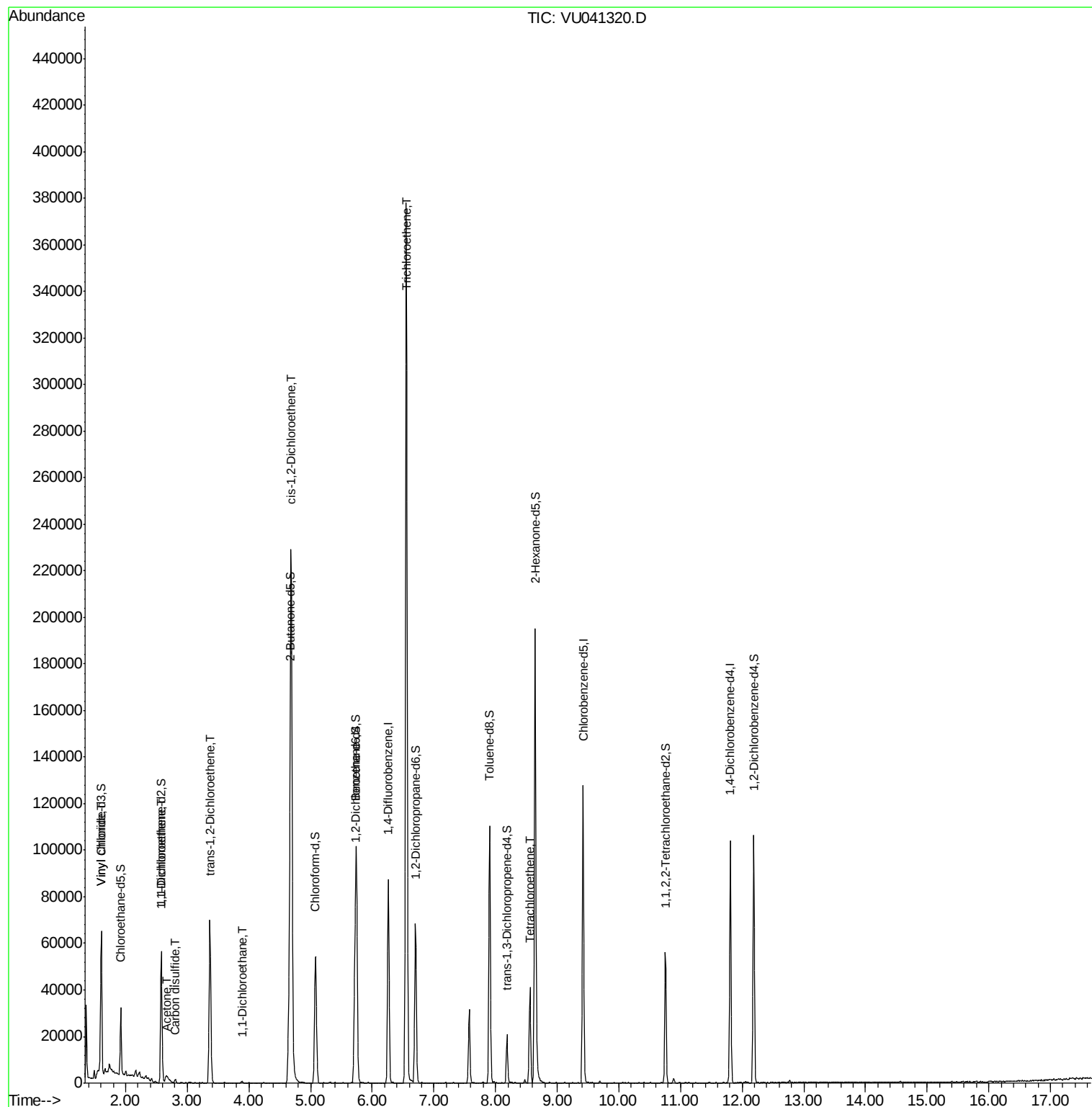
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	17518	3.143	ug/L #	74
12) 1,1-Dichloroethene	2.59	96	1381	0.330	ug/L #	1
13) Acetone	2.66	43	7542	5.838	ug/L	97
14) Carbon disulfide	2.81	76	1789	0.145	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	28093	6.901	ug/L	98
19) 1,1-Dichloroethane	3.89	63	826	0.091	ug/L #	75
22) cis-1,2-Dichloroethene	4.68	96	102282	22.248	ug/L	98
34) Trichloroethene	6.55	95	127882	26.568	ug/L	97
47) Tetrachloroethene	8.56	164	8223	2.312	ug/L	92

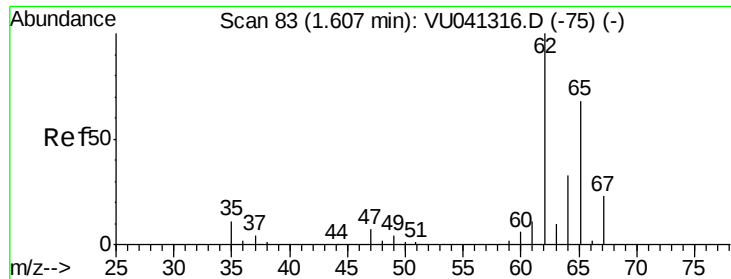
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041320.D
Acq On : 18 Nov 2020 18:38
Operator : SY/MD
Sample : L4790-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4389

Quant Time: Nov 19 01:06:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.143 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041320.D

Acq: 18 Nov 2020 18:38

Instrument :

MSVOA_U

ClientSampleId :

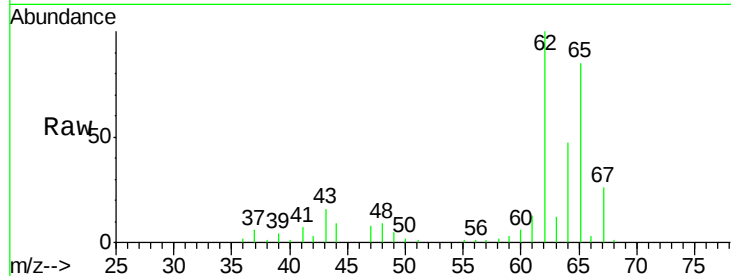
H4389

Tot Ion: 62 Resp: 17518

Ion Ratio Lower Upper

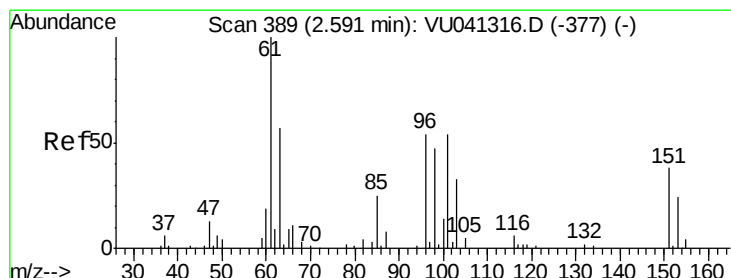
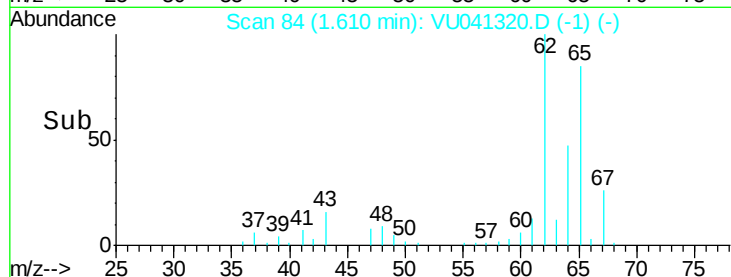
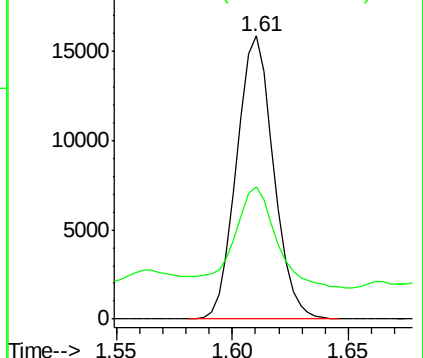
62 100

64 47.0 22.7 42.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#12

1,1-Dichloroethene

Concen: 0.330 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041320.D

Acq: 18 Nov 2020 18:38

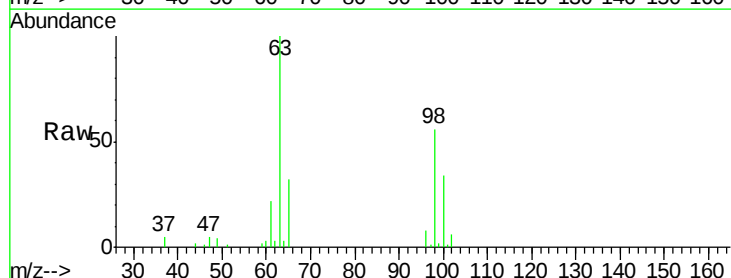
Tgt Ion: 96 Resp: 1381

Ion Ratio Lower Upper

96 100

61 293.0 134.3 249.5#

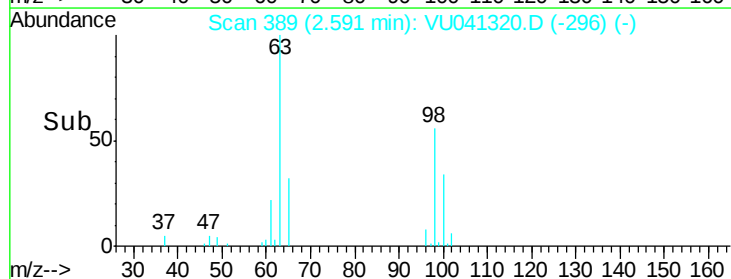
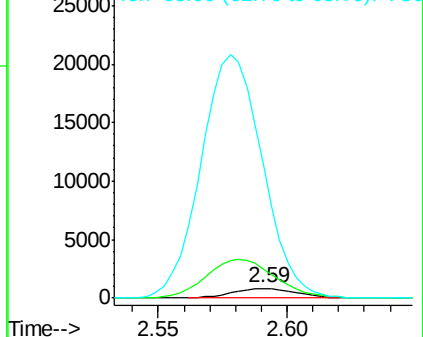
63 1320.3 95.0 176.4#

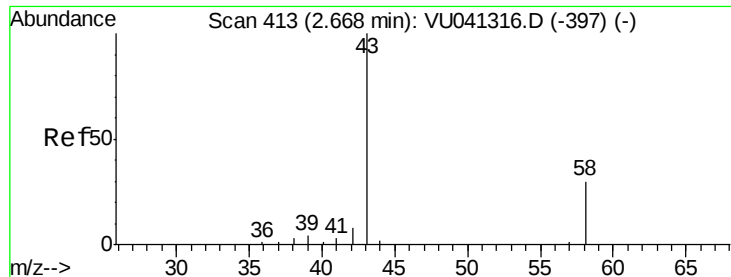


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 5.838 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU041320.D

Acq: 18 Nov 2020 18:38

Instrument :

MSVOA_U

ClientSampleId :

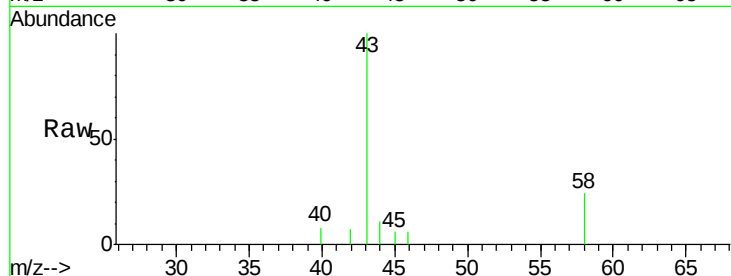
H4389

Tot Ion: 43 Resp: 7542

Ion Ratio Lower Upper

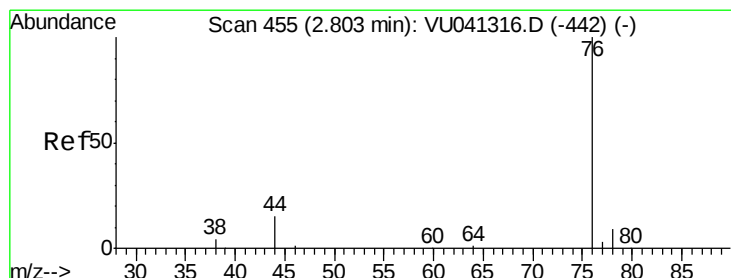
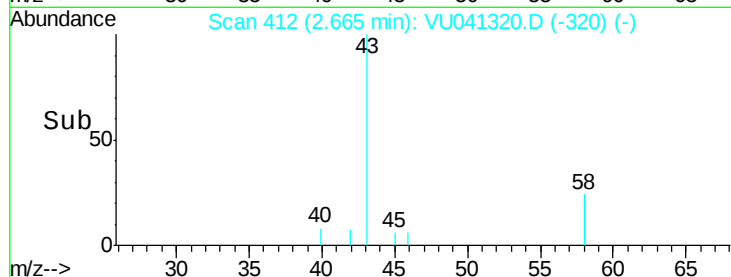
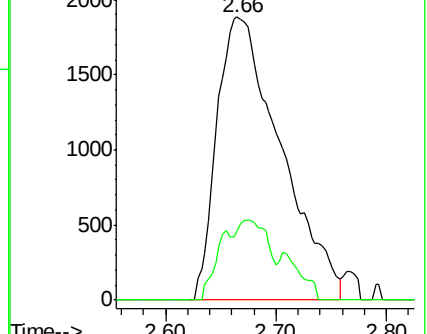
43 100

58 13.8 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 0.145 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU041320.D

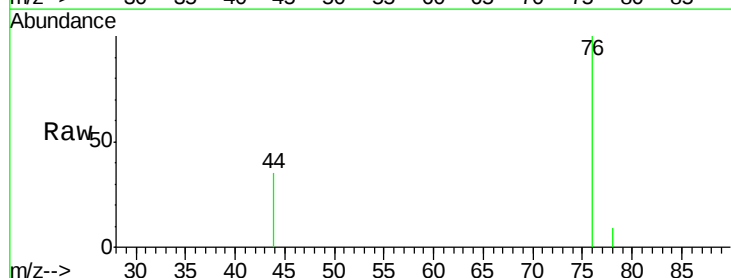
Acq: 18 Nov 2020 18:38

Tgt Ion: 76 Resp: 1789

Ion Ratio Lower Upper

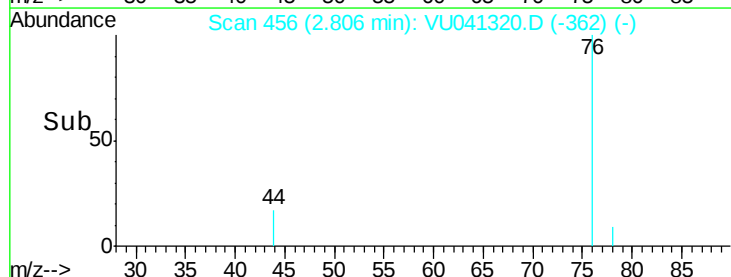
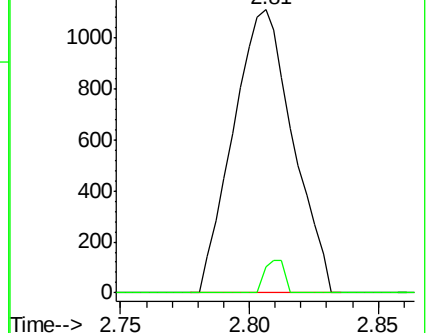
76 100

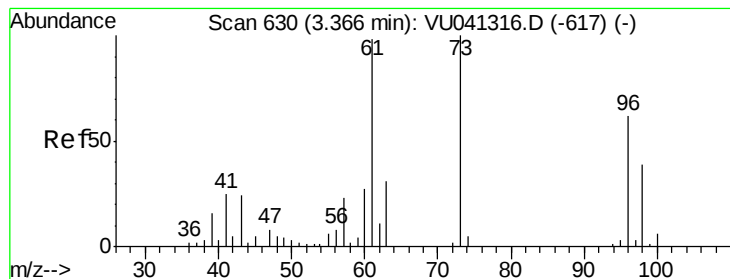
78 9.4 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0





#18

trans-1,2-Dichloroethene

Concen: 6.901 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU041320.D

Acq: 18 Nov 2020 18:38

Instrument :

MSVOA_U

ClientSampled :

H4389

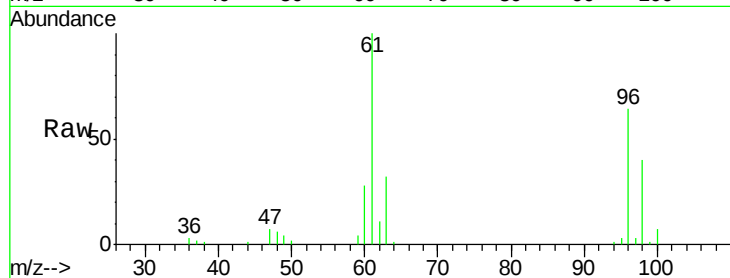
Tot Ion: 96 Resp: 28093

Ion Ratio Lower Upper

96 100

61 155.8 110.9 205.9

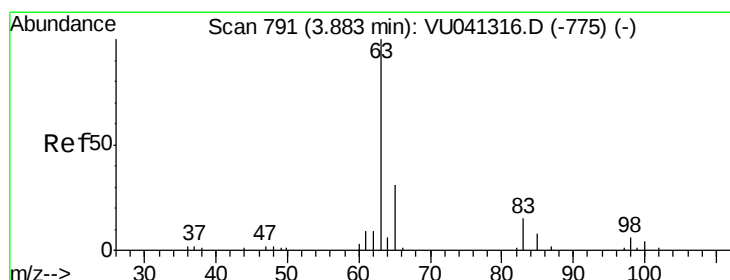
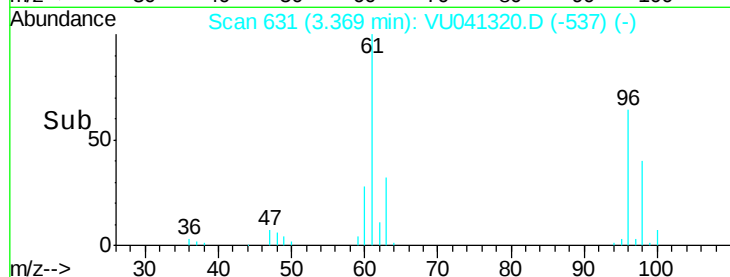
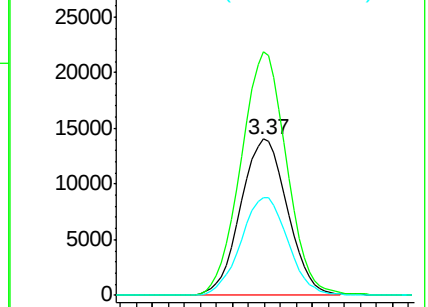
98 62.5 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VU041320.D (-537) (-)

Ion 61.05 (60.75 to 61.75): VU041320.D (-537) (-)

Ion 97.95 (97.65 to 98.65): VU041320.D (-537) (-)



#19

1,1-Dichloroethane

Concen: 0.091 ug/L

RT: 3.89 min Scan# 792

Delta R.T. 0.00 min

Lab File: VU041320.D

Acq: 18 Nov 2020 18:38

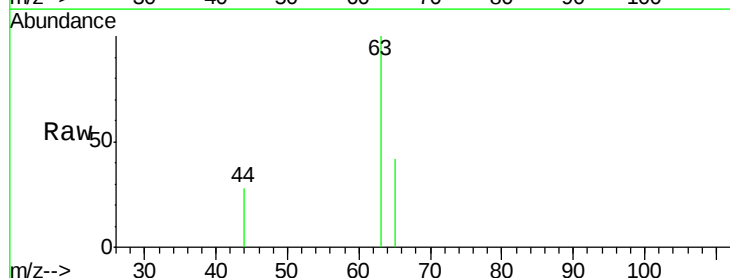
Tgt Ion: 63 Resp: 826

Ion Ratio Lower Upper

63 100

65 42.4 21.3 39.6#

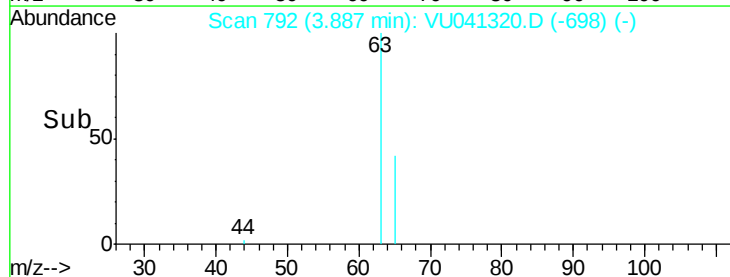
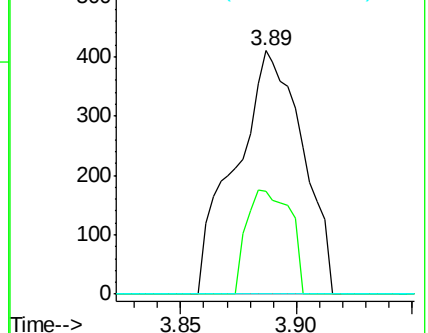
83 0.0 8.8 16.3#

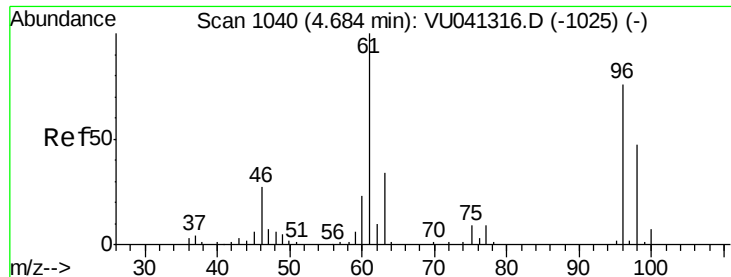


Abundance Ion 63.10 (62.80 to 63.80): VU041320.D (-698) (-)

Ion 65.10 (64.80 to 65.80): VU041320.D (-698) (-)

Ion 83.05 (82.75 to 83.75): VU041320.D (-698) (-)





#22

cis-1,2-Dichloroethene

Concen: 22.248 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU041320.D

Acq: 18 Nov 2020 18:38

Instrument :

MSVOA_U

ClientSampleId :

H4389

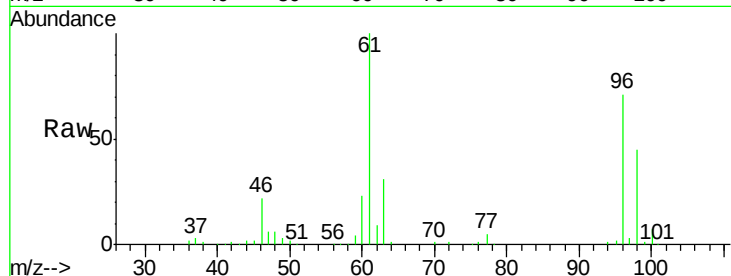
Tot Ion: 96 Resp: 102282

Ion Ratio Lower Upper

96 100

61 141.2 97.2 180.4

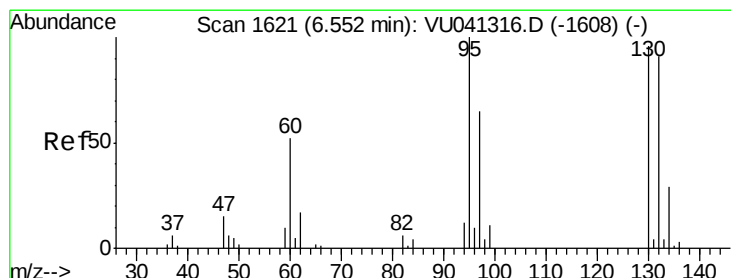
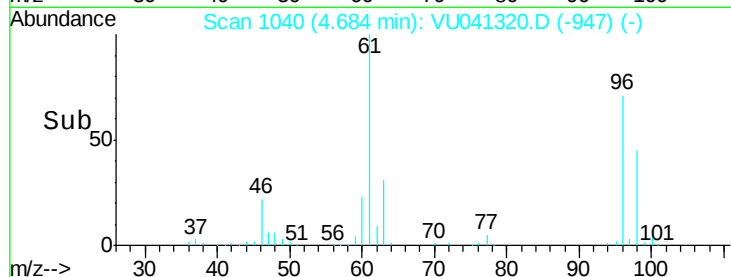
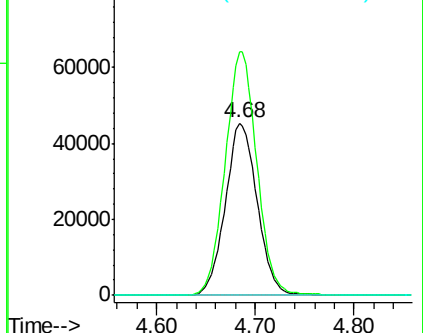
68 0.0 0.0 0.0



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



#34

Trichloroethene

Concen: 26.568 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041320.D

Acq: 18 Nov 2020 18:38

Tgt Ion: 95 Resp: 127882

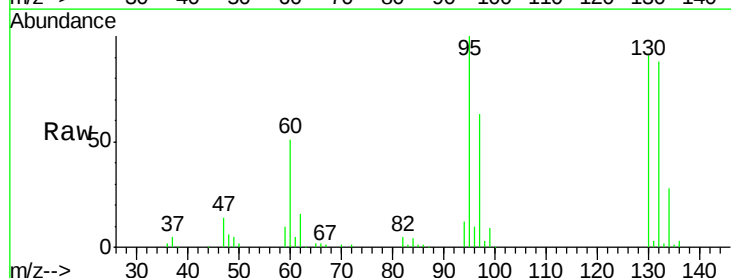
Ion Ratio Lower Upper

95 100

97 63.1 45.6 84.6

132 88.3 64.8 120.4

130 90.9 64.8 120.4

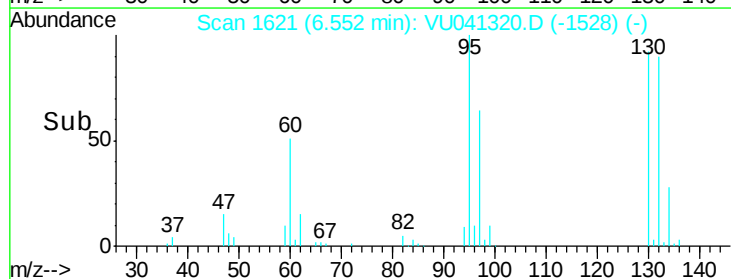
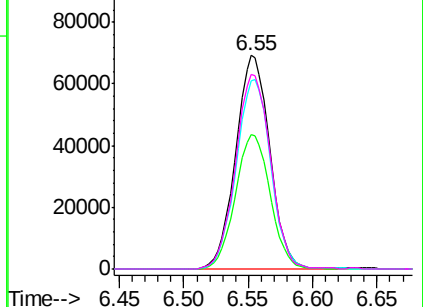


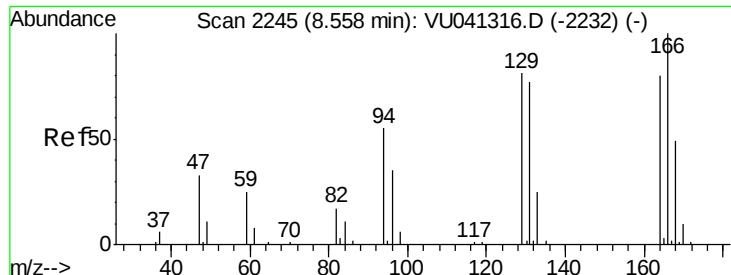
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#47

Tetrachloroethene

Concen: 2.312 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU041320.D

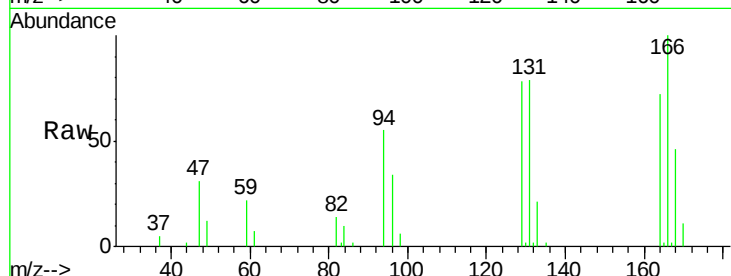
Acq: 18 Nov 2020 18:38

Instrument :

MSVOA_U

ClientSampleId :

H4389



Tot Ion:164 Resp: 8223

Ion Ratio Lower Upper

164 100

129 108.8 70.3 130.7

131 109.6 70.8 131.4

166 139.0 92.0 170.8

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

