

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111920\
 Data File : VU041330.D
 Acq On : 18 Nov 2020 22:35
 Operator : SY/MD
 Sample : L4790-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4397

Quant Time: Nov 19 01:55:22 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	65013	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64205	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	25227	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.92	69	18765	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.58	63	34761	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.66	46	96260	48.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.64%
24) Chloroform-d	5.08	84	50335	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	31760	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.74	84	88708	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.70	67	30470	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.91	98	69776	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	10984	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.64	63	65033	47.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26681	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	27128	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

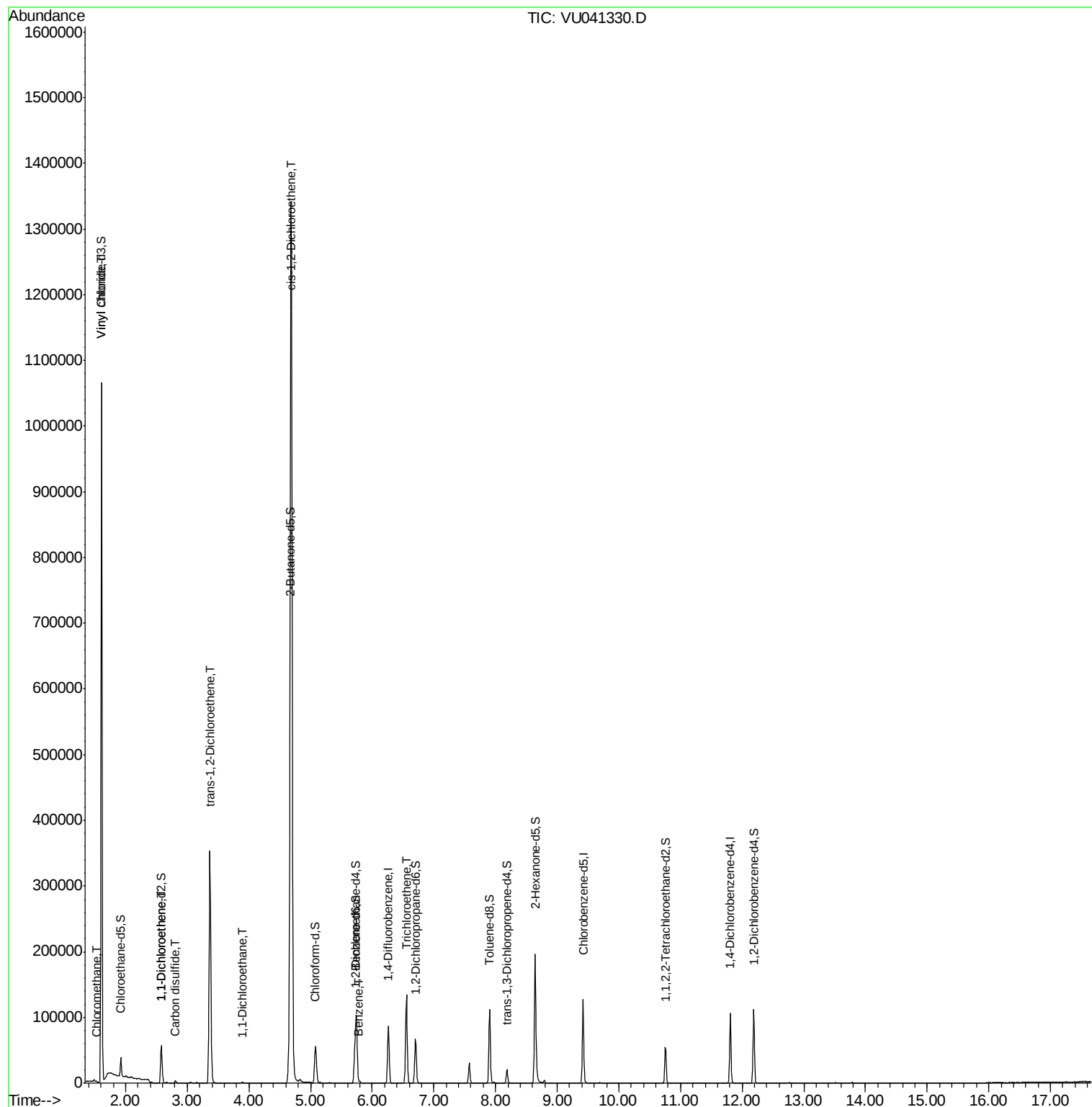
					Ovalue
3) Chloromethane	1.52	50	645	0.112 ug/L	92
5) Vinyl chloride	1.61	62	674952	119.589 ug/L	98
12) 1,1-Dichloroethene	2.59	96	2820	0.666 ug/L #	1
14) Carbon disulfide	2.81	76	4392	0.353 ug/L	96
18) trans-1,2-Dichloroethene	3.37	96	139704	33.895 ug/L	100
19) 1,1-Dichloroethane	3.89	63	2189	0.238 ug/L #	87
22) cis-1,2-Dichloroethene	4.69	96	637945	137.045 ug/L	96
33) Benzene	5.79	78	2505	0.144 ug/L	100
34) Trichloroethene	6.55	95	45614	9.700 ug/L	97

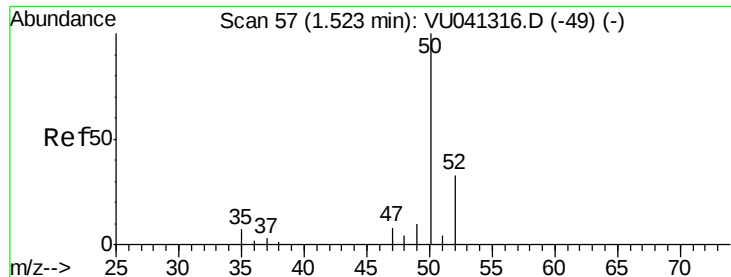
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.112 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041330.D

Acq: 18 Nov 2020 22:35

Instrument :

MSVOA_U

ClientSampleId :

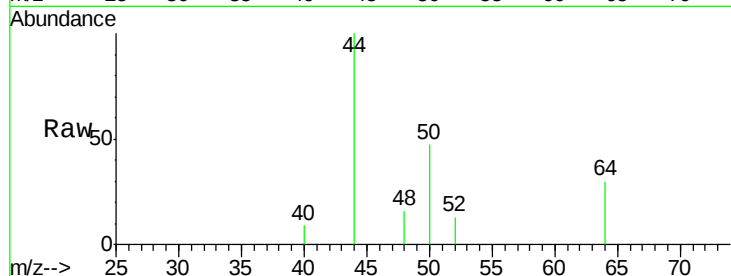
H4397

Tot Ion: 50 Resp: 645

Ion Ratio Lower Upper

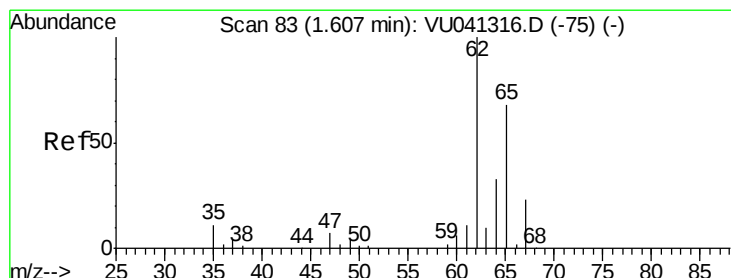
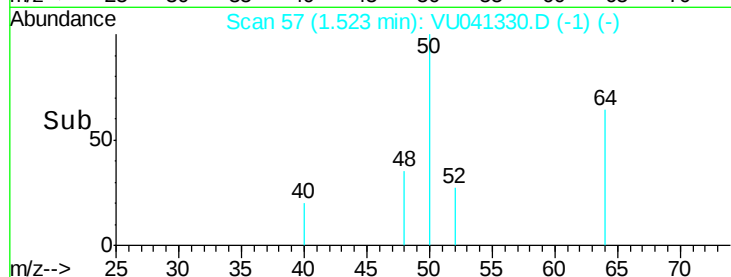
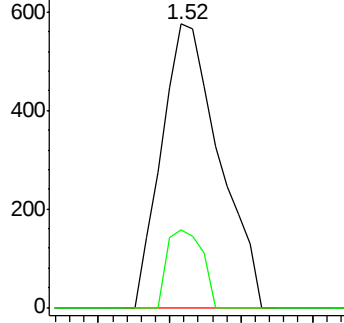
50 100

52 27.4 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 119.589 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041330.D

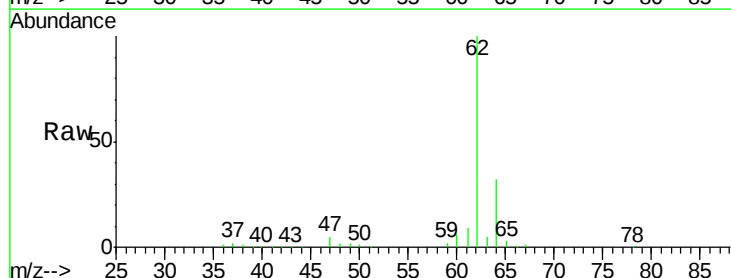
Acq: 18 Nov 2020 22:35

Tgt Ion: 62 Resp: 674952

Ion Ratio Lower Upper

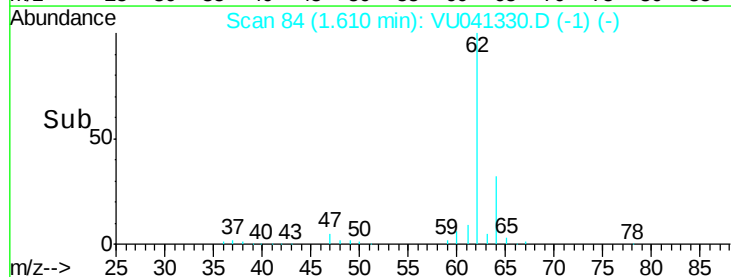
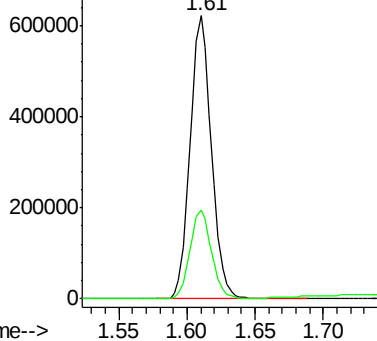
62 100

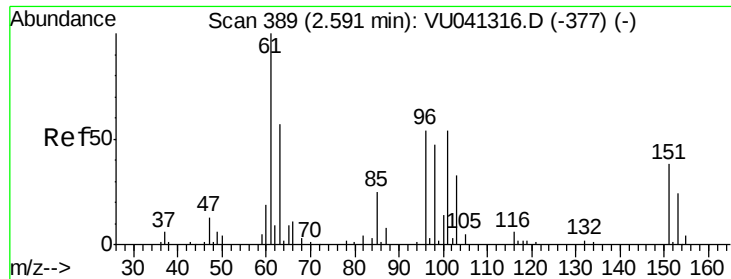
64 31.5 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#12

1,1-Dichloroethene

Concen: 0.666 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041330.D

Acq: 18 Nov 2020 22:35

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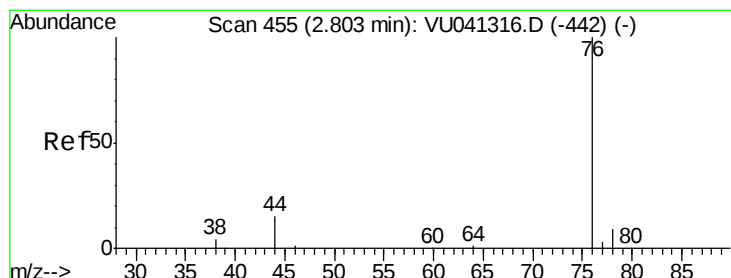
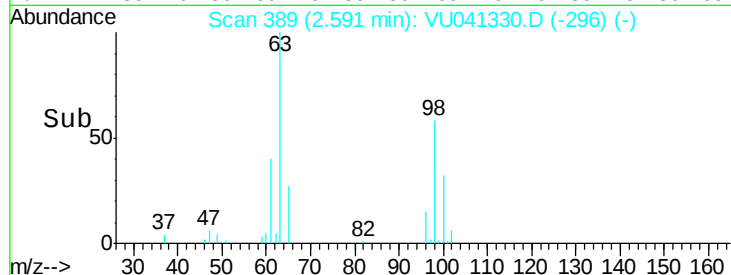
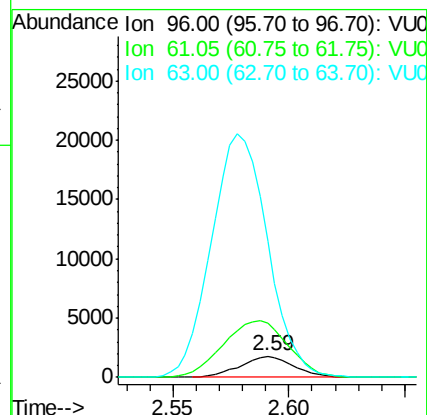
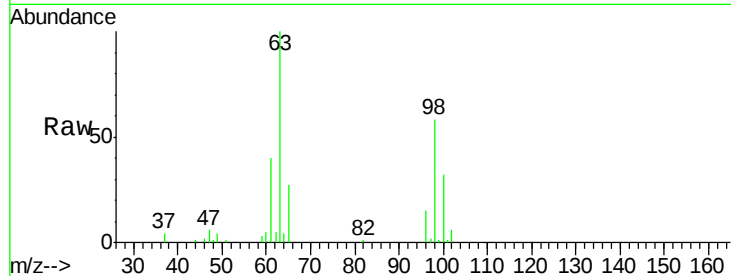
Tot Ion: 96 Resp: 2820

Ion Ratio Lower Upper

96 100

61 258.8 134.3 249.5#

63 645.4 95.0 176.4#



#14

Carbon disulfide

Concen: 0.353 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.01 min

Lab File: VU041330.D

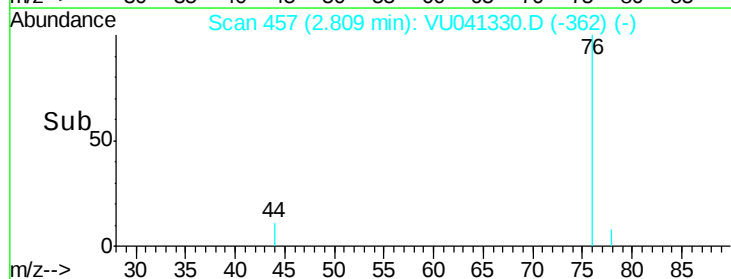
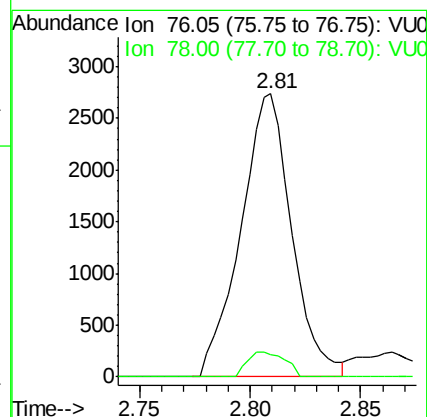
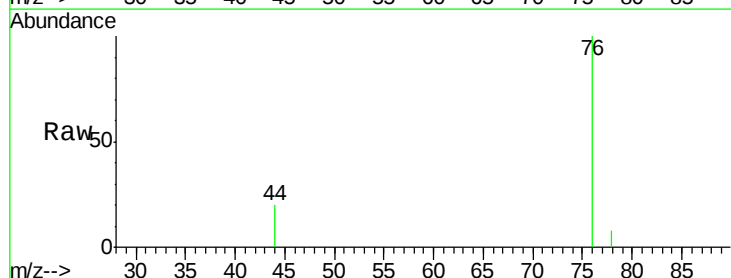
Acq: 18 Nov 2020 22:35

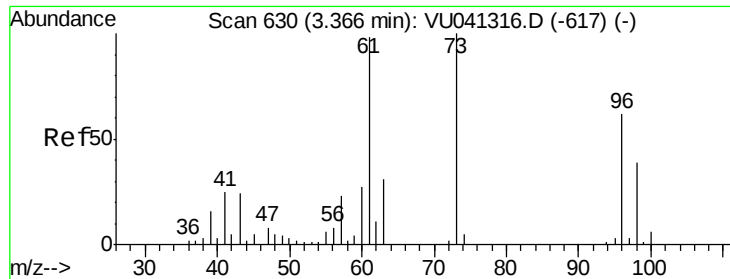
Tgt Ion: 76 Resp: 4392

Ion Ratio Lower Upper

76 100

78 8.0 7.5 11.3

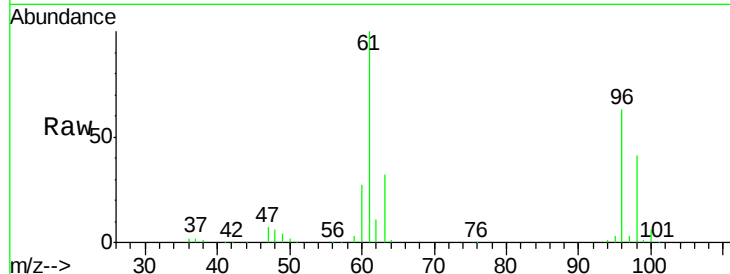




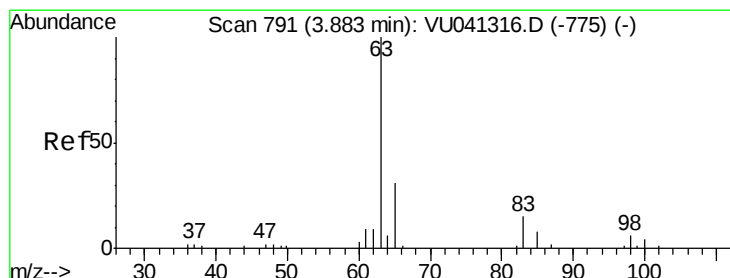
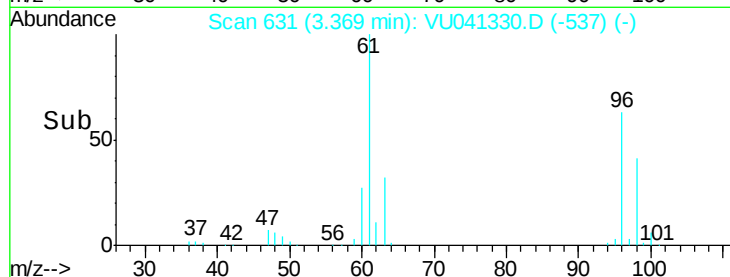
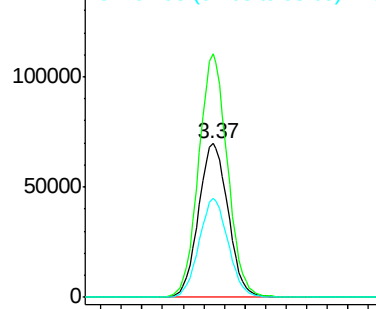
#18
trans-1,2-Dichloroethene
Concen: 33.895 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041330.D
Acq: 18 Nov 2020 22:35

Instrument :
MSVOA_U
ClientSampleId :
H4397

Tot Ion: 96 Resp: 139704
Ion Ratio Lower Upper
96 100
61 158.4 110.9 205.9
98 64.4 45.4 84.2

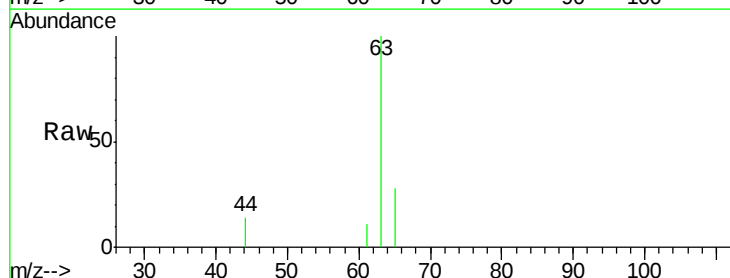


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

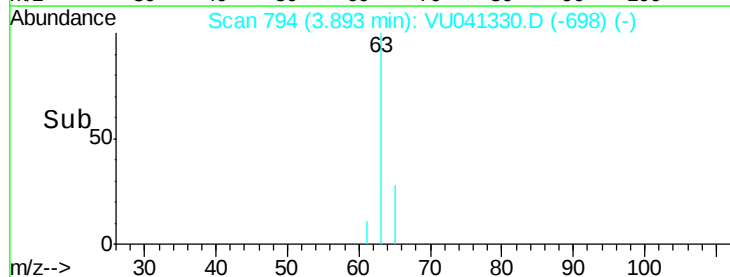
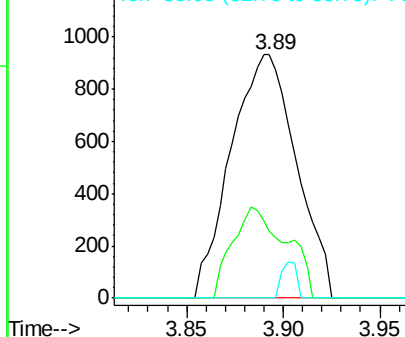


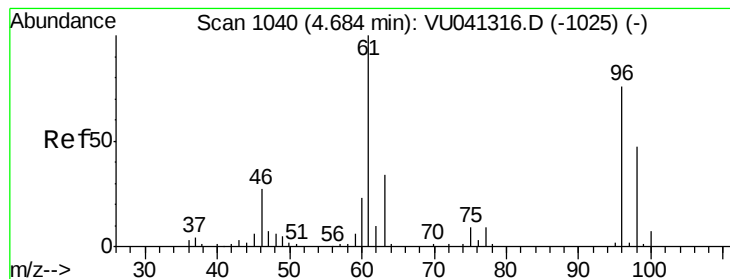
#19
1,1-Dichloroethane
Concen: 0.238 ug/L
RT: 3.89 min Scan# 794
Delta R.T. 0.01 min
Lab File: VU041330.D
Acq: 18 Nov 2020 22:35

Tgt Ion: 63 Resp: 2189
Ion Ratio Lower Upper
63 100
65 27.7 21.3 39.6
83 0.0 8.8 16.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 137.045 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041330.D

Acq: 18 Nov 2020 22:35

Instrument :

MSVOA_U

ClientSampleId :

H4397

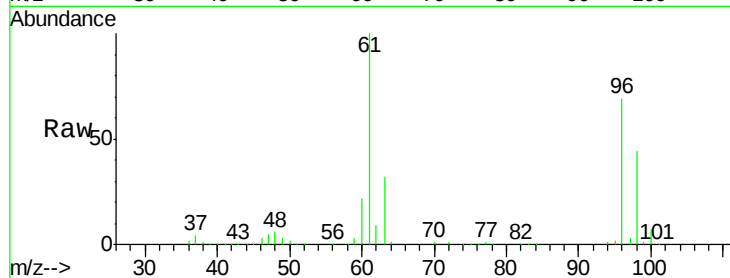
Tot Ion: 96 Resp: 637945

Ion Ratio Lower Upper

96 100

61 144.1 97.2 180.4

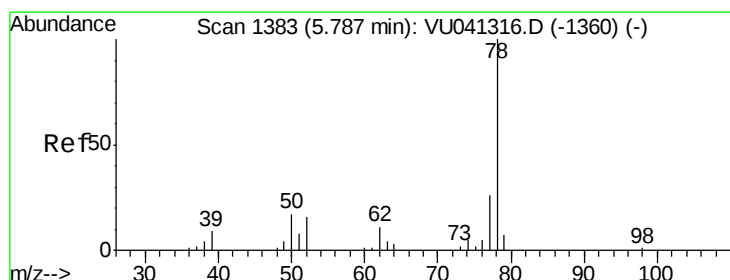
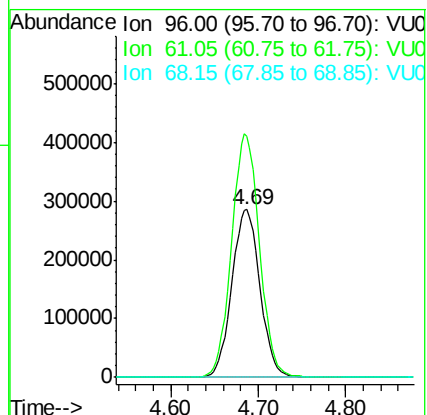
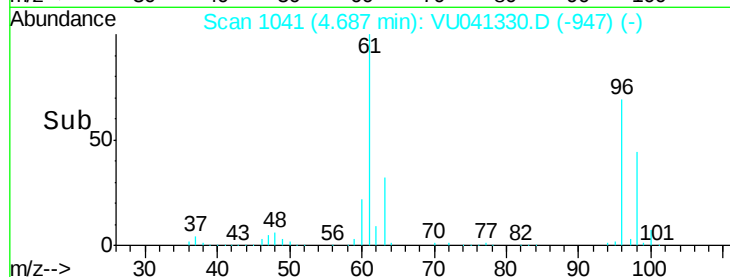
68 0.0 0.0 0.0



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: 0.144 ug/L

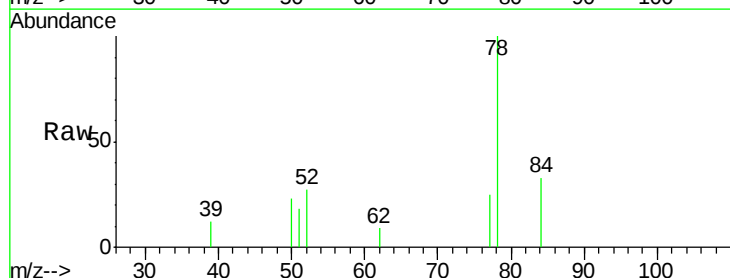
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

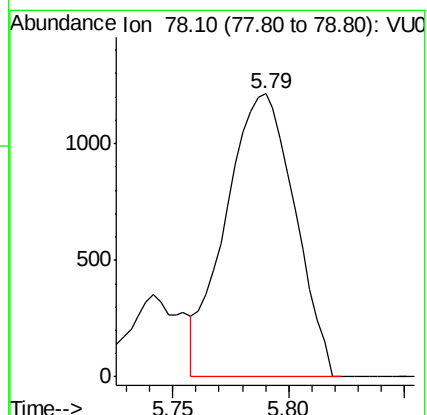
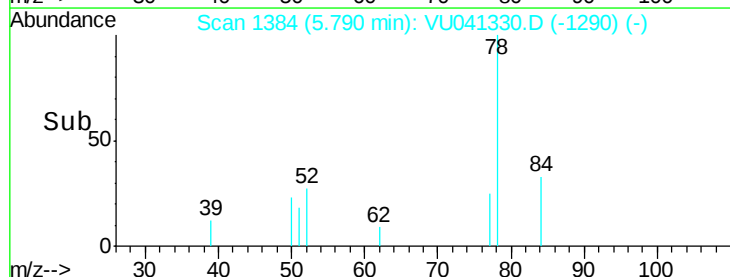
Lab File: VU041330.D

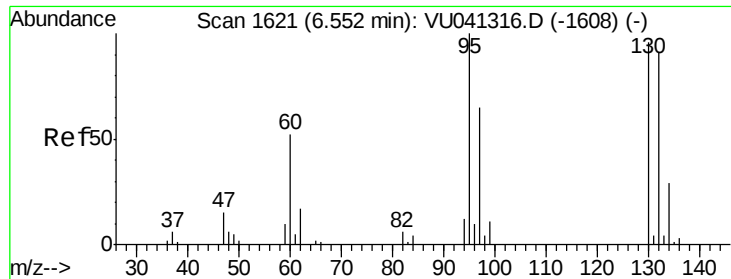
Acq: 18 Nov 2020 22:35

Tgt Ion: 78 Resp: 2505



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34
 Trichloroethene
 Concen: 9.700 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041330.D
 Acq: 18 Nov 2020 22:35

Instrument :
 MSVOA_U
 ClientSampleId :
 H4397

Tot Ion:	95	Resp:	45614
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.6	84.6
132	86.3	64.8	120.4
130	92.8	64.8	120.4

