

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041328.D
 Acq On : 18 Nov 2020 21:48
 Operator : SY/MD
 Sample : L4790-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4395

Quant Time: Nov 19 01:47:56 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	65711	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68753	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27777	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22034	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.92	69	19995	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	34989	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.66	46	94174	47.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.50%
24) Chloroform-d	5.08	84	52951	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.72	65	33689	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.74	84	92830	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	32143	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	72838	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.19	79	12359	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.64	63	66701	45.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27638	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	29684	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

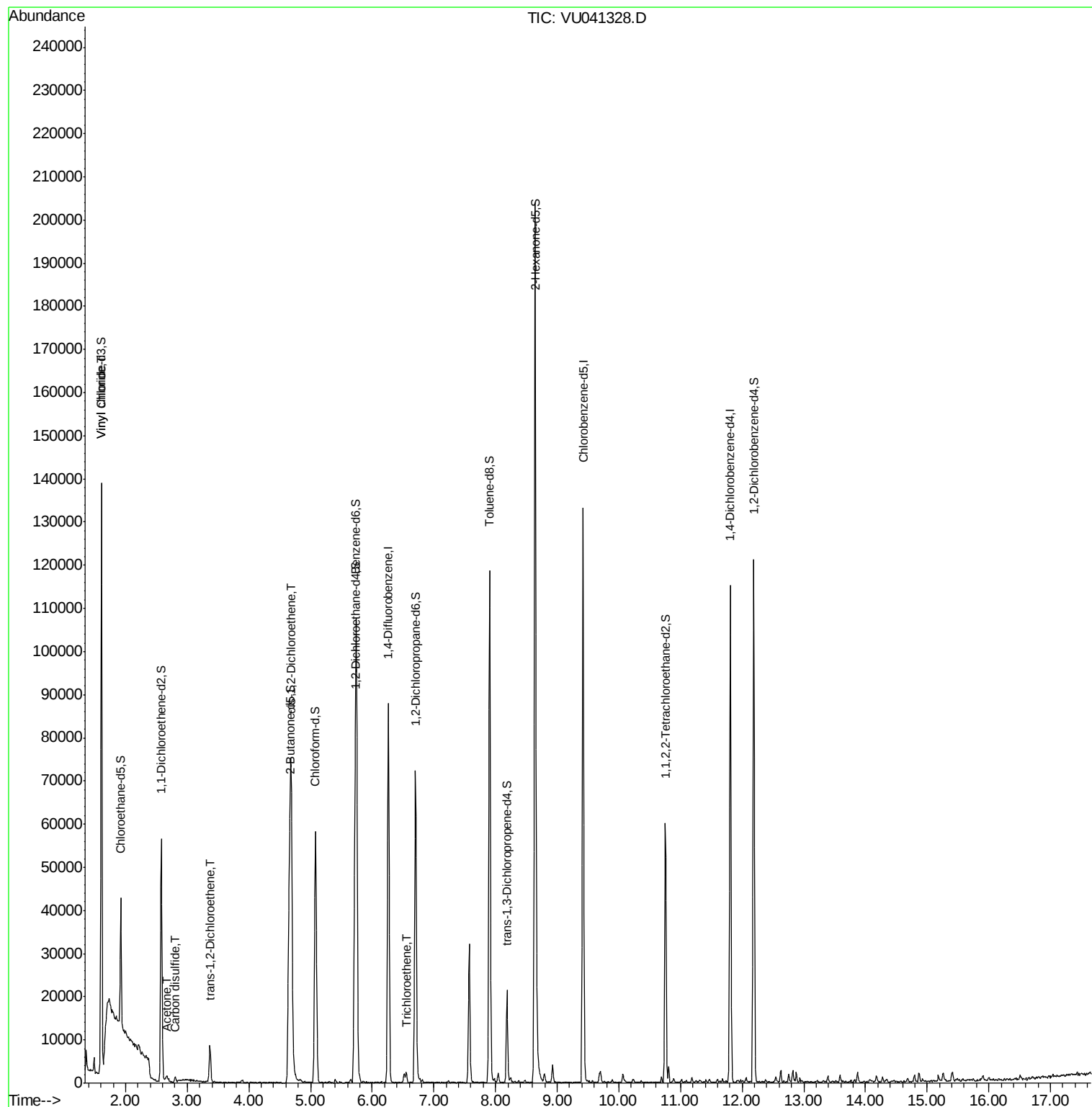
					Ovalue
5) Vinyl chloride	1.61	62	69052	12.105	ug/L 98
13) Acetone	2.67	43	2447	1.851	ug/L 98
14) Carbon disulfide	2.80	76	1639	0.130	ug/L # 93
18) trans-1,2-Dichloroethene	3.37	96	3295	0.791	ug/L 96
22) cis-1,2-Dichloroethene	4.69	96	24792	5.269	ug/L 100
34) Trichloroethene	6.56	95	924	0.183	ug/L # 79

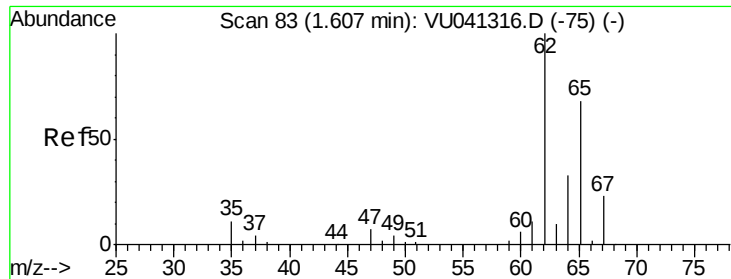
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 12.105 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041328.D

Acq: 18 Nov 2020 21:48

Instrument :

MSVOA_U

ClientSampleId :

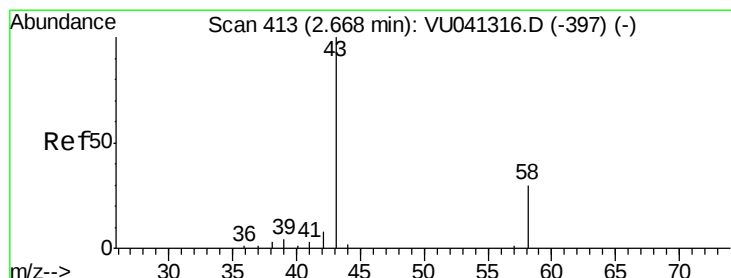
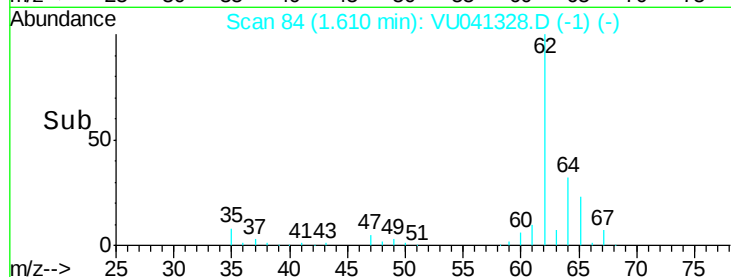
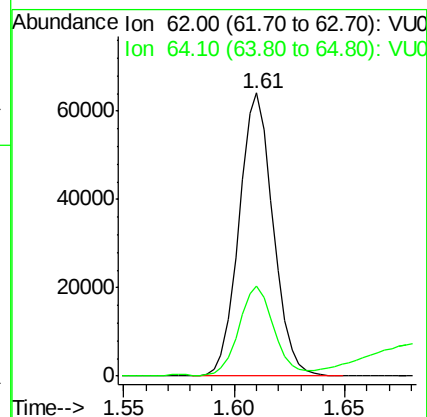
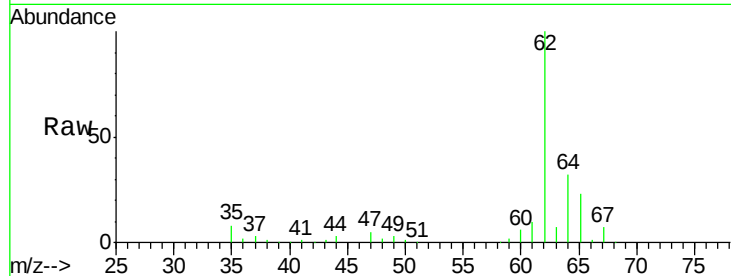
H4395

Tot Ion: 62 Resp: 69052

Ion Ratio Lower Upper

62 100

64 31.6 22.7 42.3



#13

Acetone

Concen: 1.851 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU041328.D

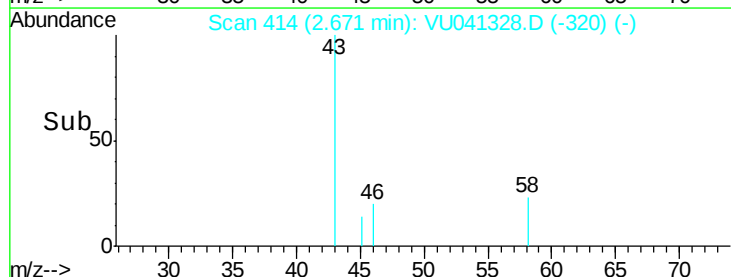
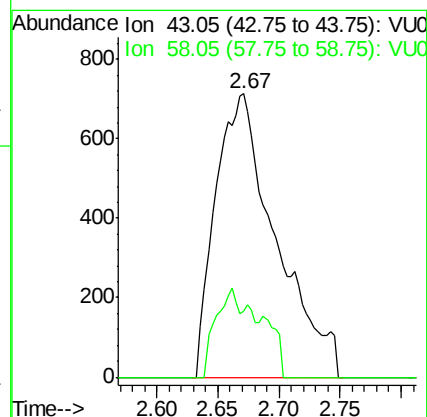
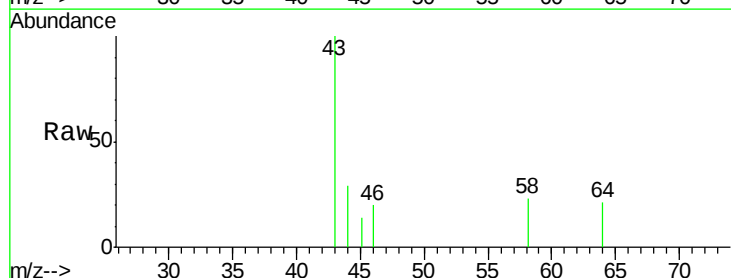
Acq: 18 Nov 2020 21:48

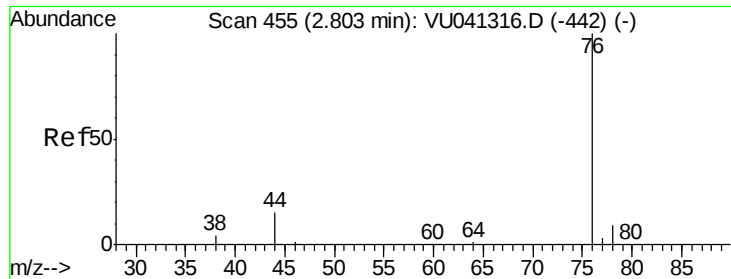
Tgt Ion: 43 Resp: 2447

Ion Ratio Lower Upper

43 100

58 12.0 0.0 25.4





#14

Carbon disulfide

Concen: 0.130 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU041328.D

Acq: 18 Nov 2020 21:48

Instrument :

MSVOA_U

ClientSampleId :

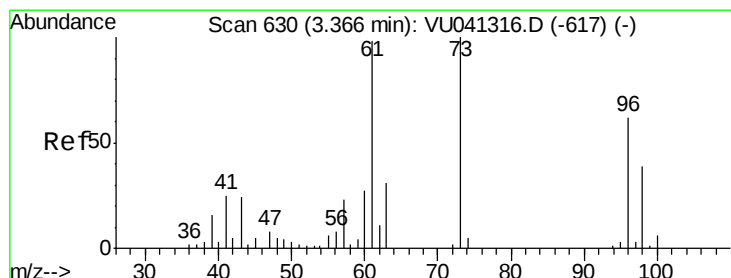
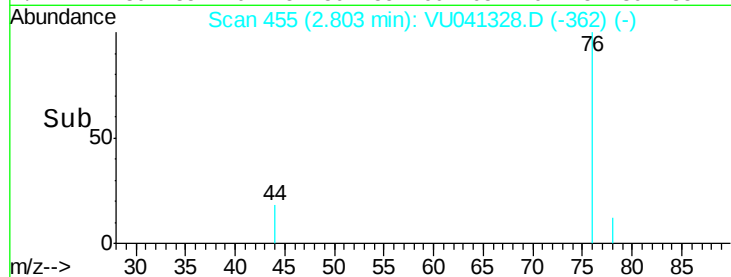
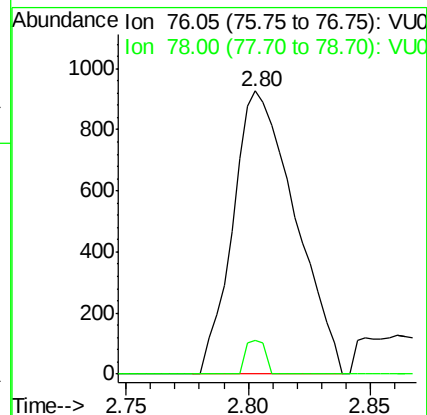
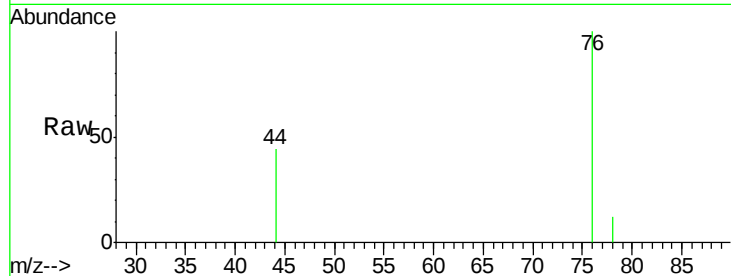
H4395

Tot Ion: 76 Resp: 1639

Ion Ratio Lower Upper

76 100

78 12.0 7.5 11.3#



#18

trans-1,2-Dichloroethene

Concen: 0.791 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU041328.D

Acq: 18 Nov 2020 21:48

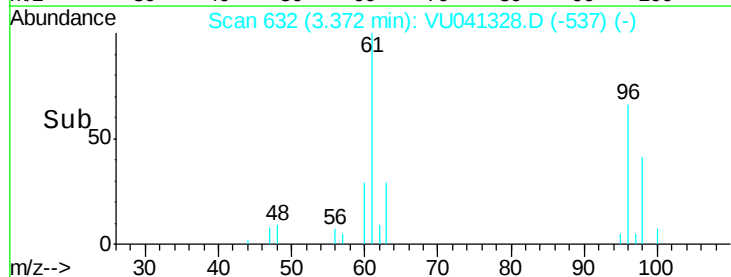
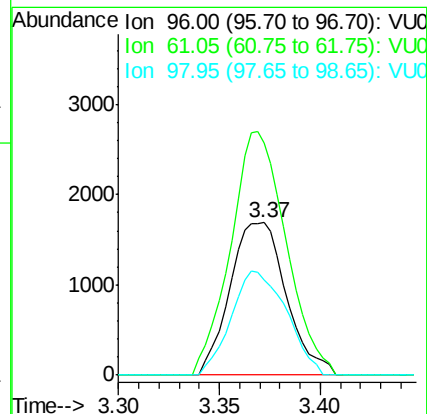
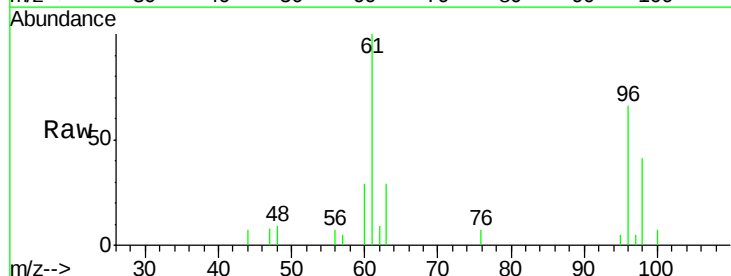
Tgt Ion: 96 Resp: 3295

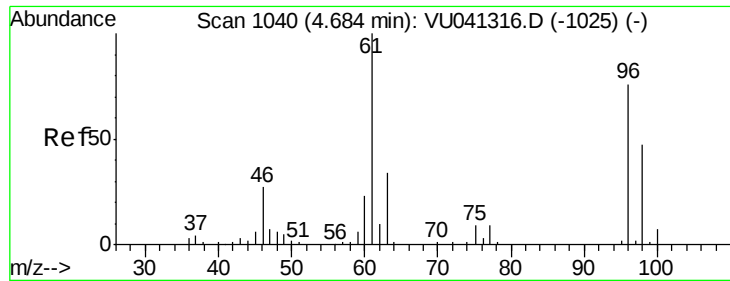
Ion Ratio Lower Upper

96 100

61 152.6 110.9 205.9

98 62.6 45.4 84.2





#22

cis-1,2-Dichloroethene

Concen: 5.269 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041328.D

Acq: 18 Nov 2020 21:48

Instrument :

MSVOA_U

ClientSampled :

H4395

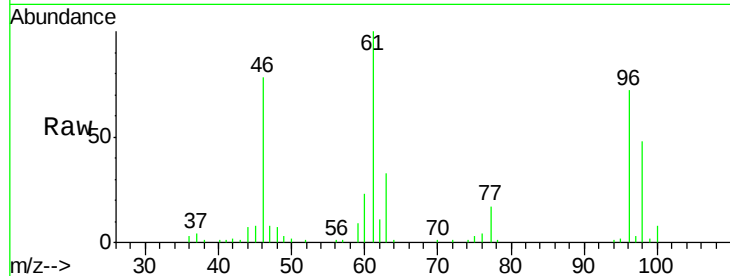
Tot Ion: 96 Resp: 24792

Ion Ratio Lower Upper

96 100

61 138.5 97.2 180.4

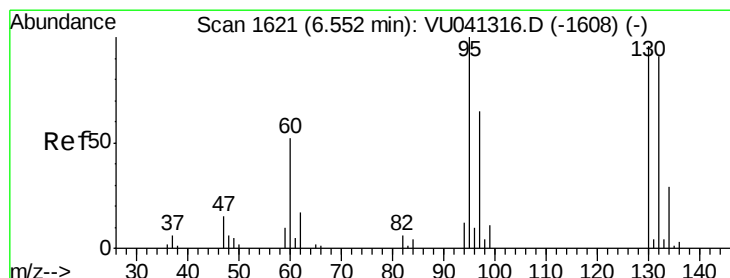
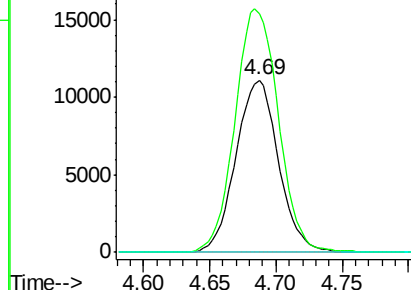
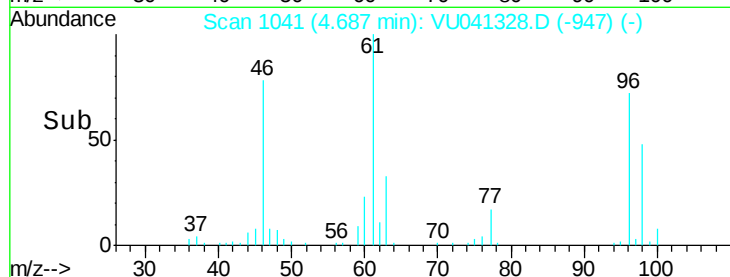
68 0.0 0.0 0.0



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: 0.183 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.01 min

Lab File: VU041328.D

Acq: 18 Nov 2020 21:48

Tgt Ion: 95 Resp: 924

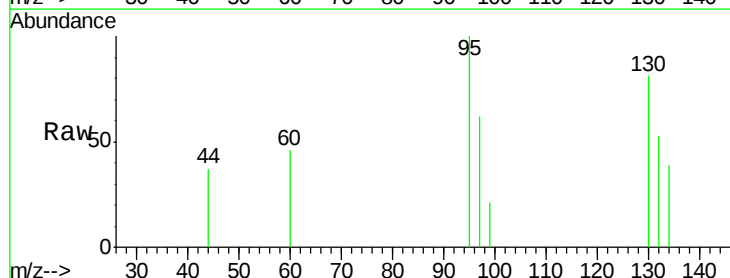
Ion Ratio Lower Upper

95 100

97 61.6 45.6 84.6

132 53.5 64.8 120.4#

130 80.7 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

