

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041351.D
 Acq On : 19 Nov 2020 18:24
 Operator : SY/MD
 Sample : L4790-15DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4399DL

Quant Time: Nov 20 07:38:39 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	59820	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61362	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23904	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13980	3.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.60%
7) Chloroethane-d5	1.92	69	14279	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.80%
11) 1,1-Dichloroethene-d2	2.58	63	22875	2.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.40%#
20) 2-Butanone-d5	4.66	46	92243	50.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.68%
24) Chloroform-d	5.08	84	43272	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.72	65	26468	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.74	84	66429	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.70	67	24639	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.91	98	48961	3.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.80%#
43) trans-1,3-Dichloropropene-	8.19	79	9871	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.64	63	58959	44.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25549	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	22141	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

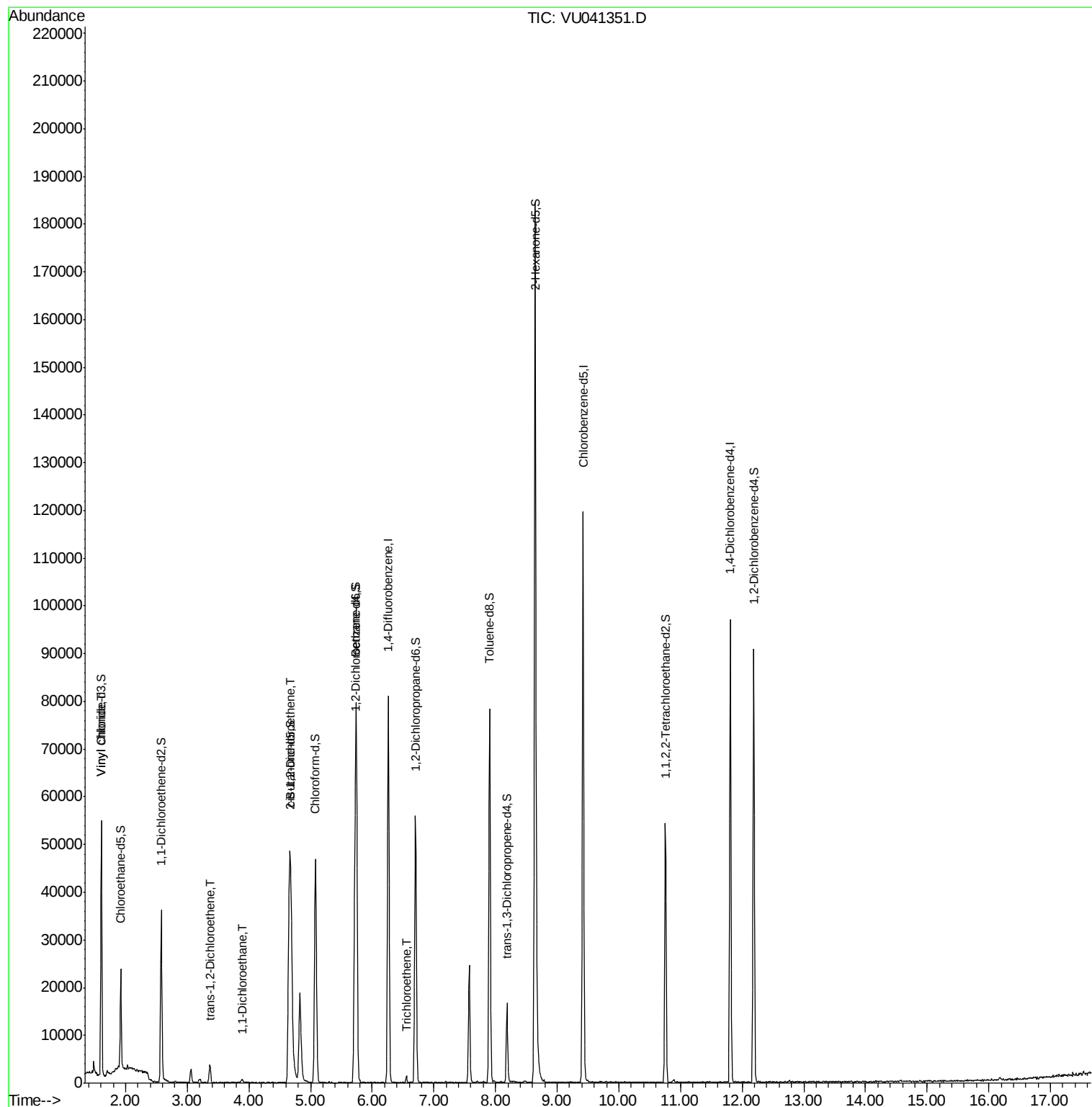
					Ovalue
5) Vinyl chloride	1.61	62	23798	4.583 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	1623	0.428 ug/L	92
19) 1,1-Dichloroethane	3.89	63	1185	0.140 ug/L #	79
22) cis-1,2-Dichloroethene	4.68	96	7761	1.812 ug/L	98
34) Trichloroethene	6.56	95	561	0.125 ug/L	85

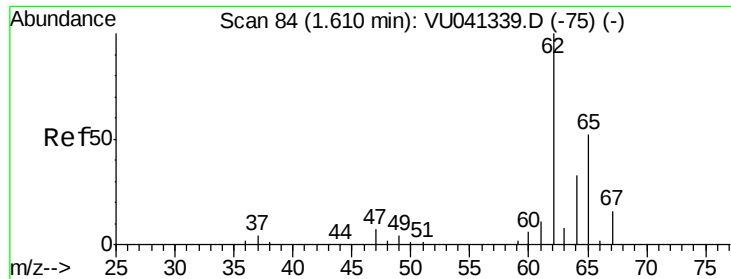
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.583 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041351.D

Acq: 19 Nov 2020 18:24

Instrument :

MSVOA_U

ClientSampleId :

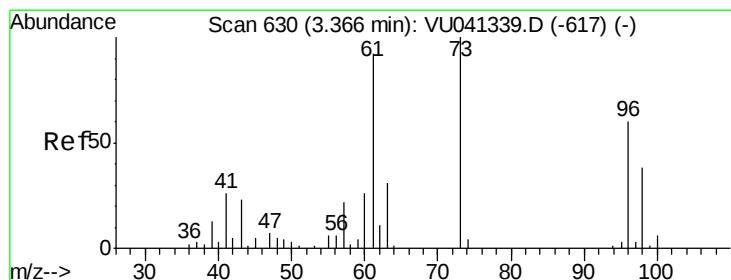
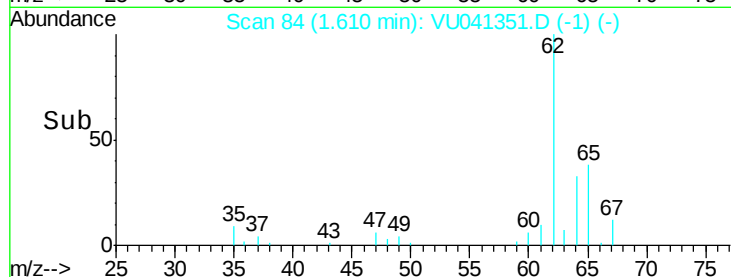
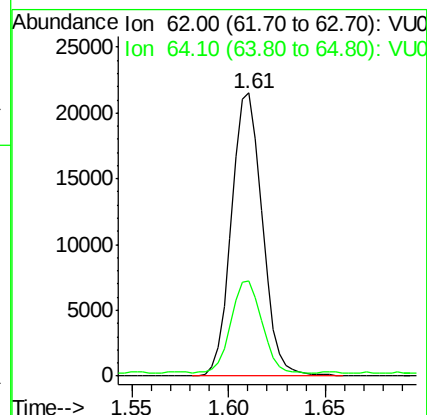
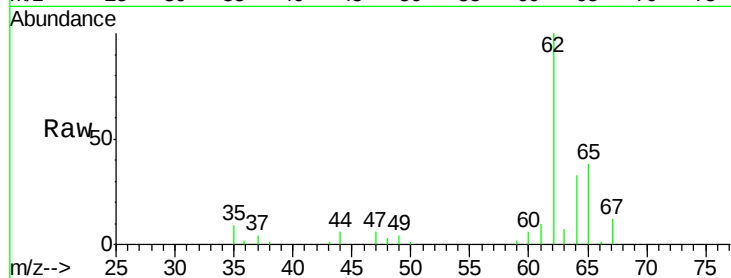
H4399DL

Tot Ion: 62 Resp: 23798

Ion Ratio Lower Upper

62 100

64 33.5 22.7 42.3



#18

trans-1,2-Dichloroethene

Concen: 0.428 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU041351.D

Acq: 19 Nov 2020 18:24

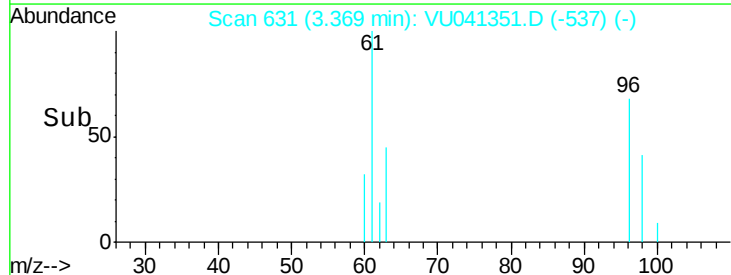
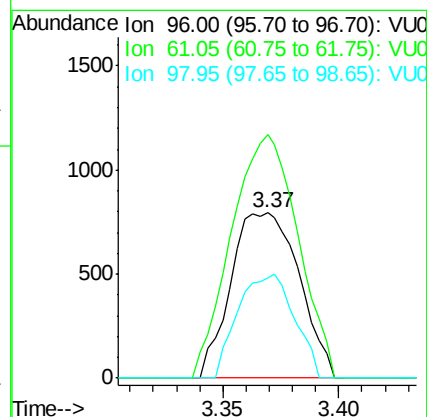
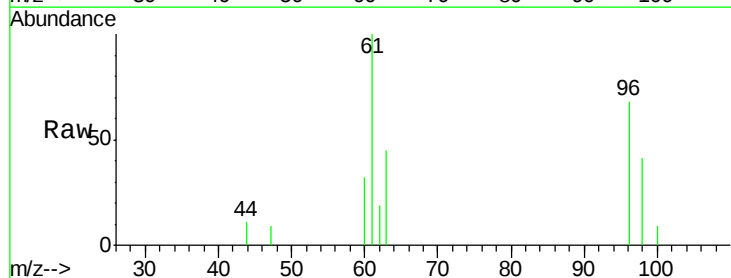
Tgt Ion: 96 Resp: 1623

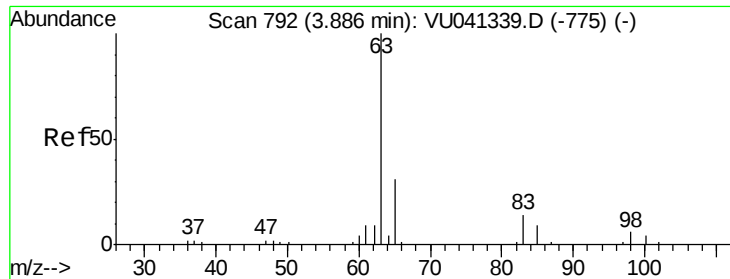
Ion Ratio Lower Upper

96 100

61 147.2 110.9 205.9

98 60.9 45.4 84.2

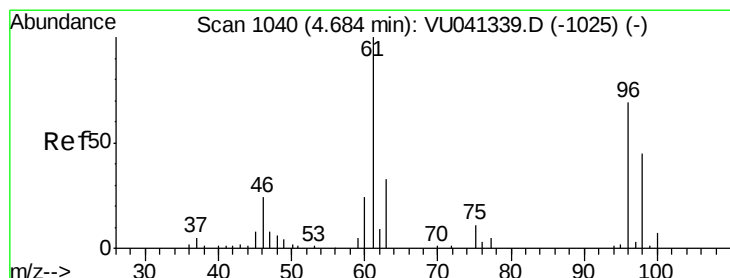
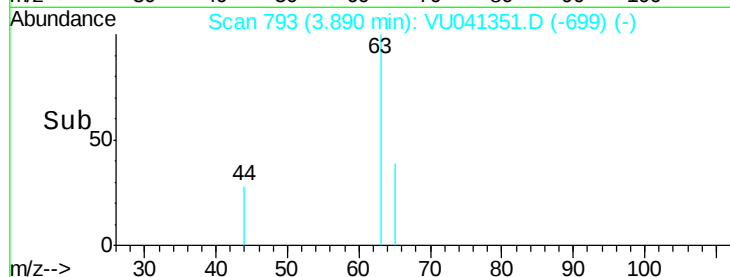
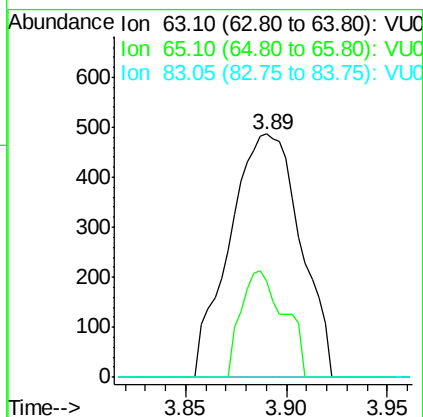
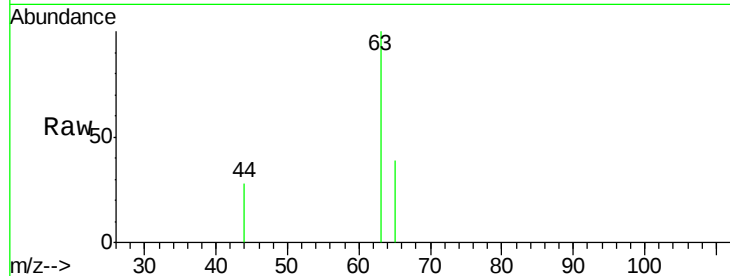




#19
 1,1-Dichloroethane
 Concen: 0.140 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU041351.D
 Acq: 19 Nov 2020 18:24

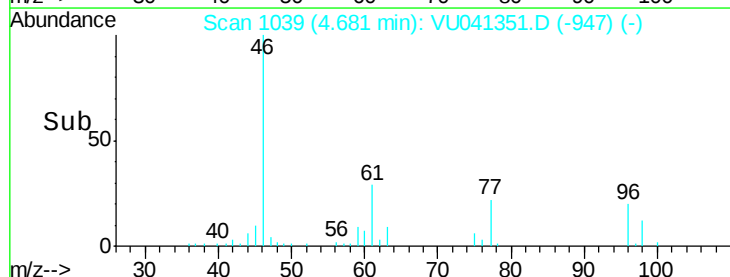
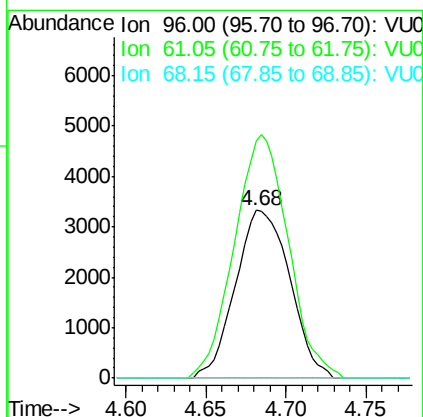
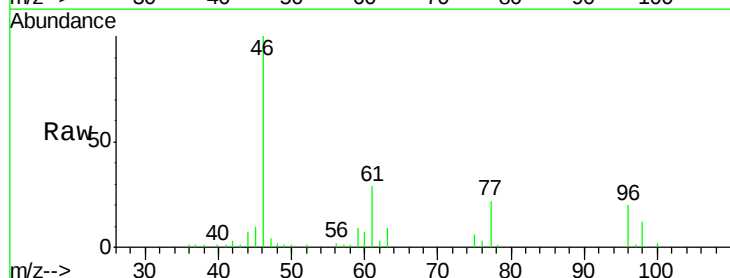
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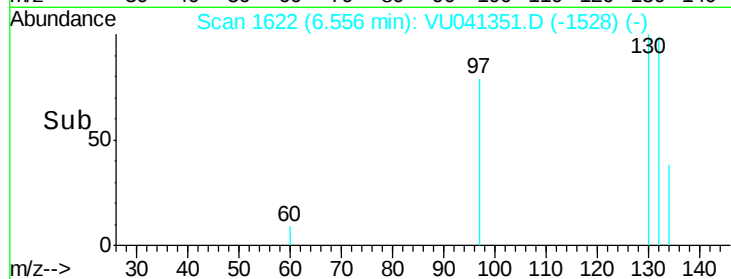
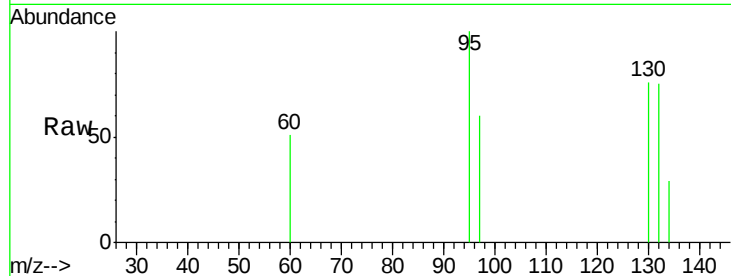
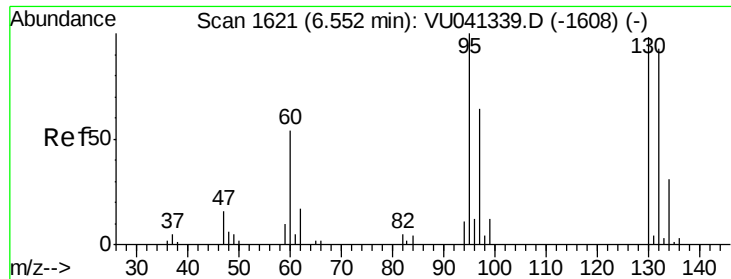
Tot Ion: 63 Resp: 1185
 Ion Ratio Lower Upper
 63 100
 65 39.4 21.3 39.6
 83 0.0 8.8 16.3#



#22
 cis-1,2-Dichloroethene
 Concen: 1.812 ug/L
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VU041351.D
 Acq: 19 Nov 2020 18:24

Tgt Ion: 96 Resp: 7761
 Ion Ratio Lower Upper
 96 100
 61 141.2 97.2 180.4
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.125 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041351.D

Acq: 19 Nov 2020 18:24

Instrument :

MSVOA_U

ClientSampleId :

H4399DL

Tot Ion: 95 Resp: 561

Ion Ratio Lower Upper

95 100

97 60.1 45.6 84.6

132 75.5 64.8 120.4

130 76.0 64.8 120.4

