

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041182.D
 Acq On : 10 Nov 2020 16:51
 Operator : SY/MD
 Sample : L4673-16DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T4DL

Quant Time: Nov 11 02:10:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	61328	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63600	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28619	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14422	2.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.00%
7) Chloroethane-d5	1.92	69	13971	3.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.60%
11) 1,1-Dichloroethene-d2	2.58	63	23922	2.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.40%#
20) 2-Butanone-d5	4.65	46	80407	47.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.78%
24) Chloroform-d	5.08	84	39876	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.72	65	26100	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.74	84	65822	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
36) 1,2-Dichloropropane-d6	6.70	67	24224	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.91	98	52871	3.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.60%#
43) trans-1,3-Dichloropropene-	8.19	79	9043	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.64	63	59189	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	22599	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	24121	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

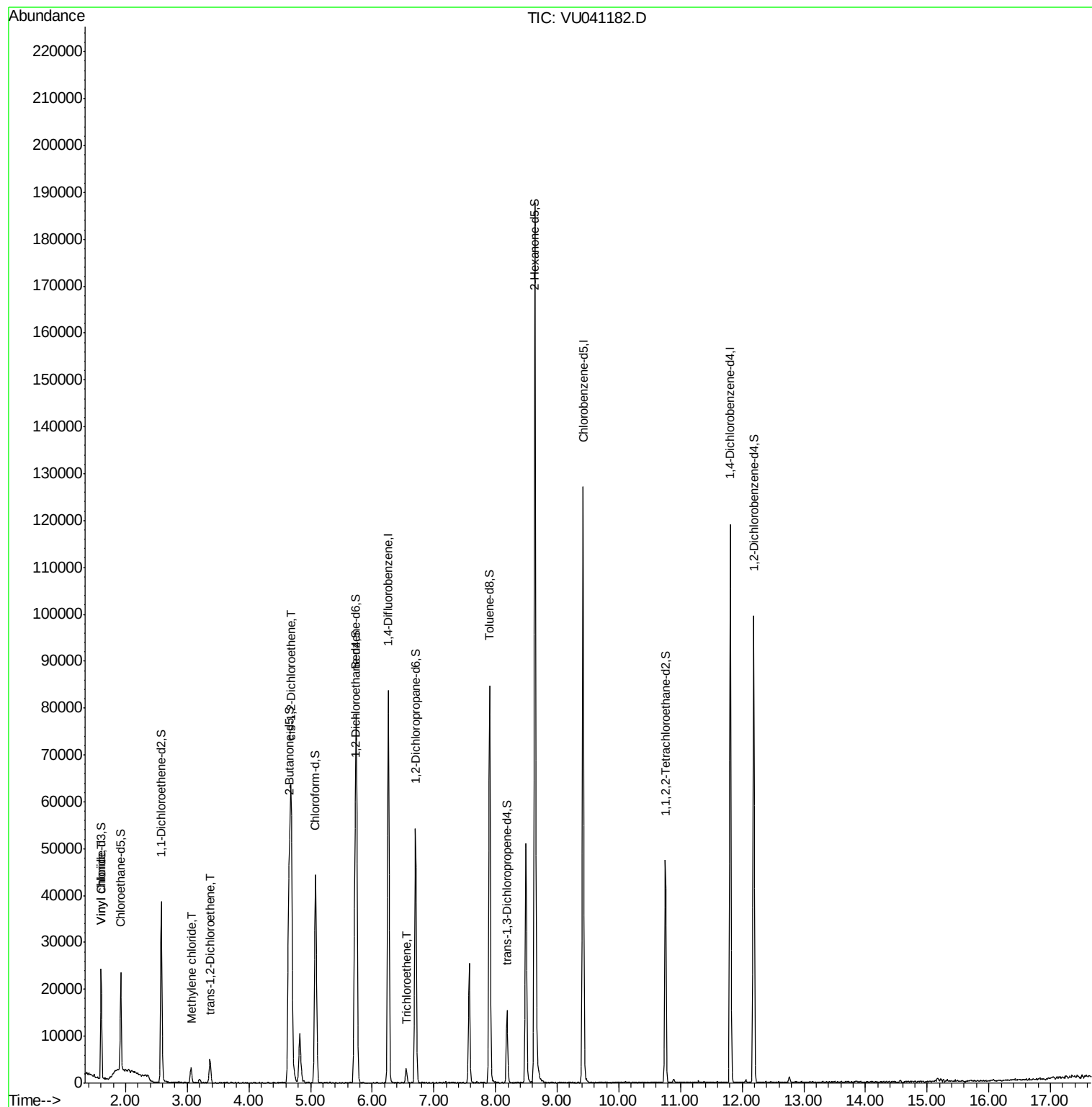
					Ovalue
5) Vinyl chloride	1.61	62	1350	0.234 ug/L #	64
16) Methylene chloride	3.05	84	1511	0.299 ug/L	75
18) trans-1,2-Dichloroethene	3.37	96	2199	0.499 ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	23342	5.140 ug/L	95
34) Trichloroethene	6.56	95	996	0.206 ug/L	86

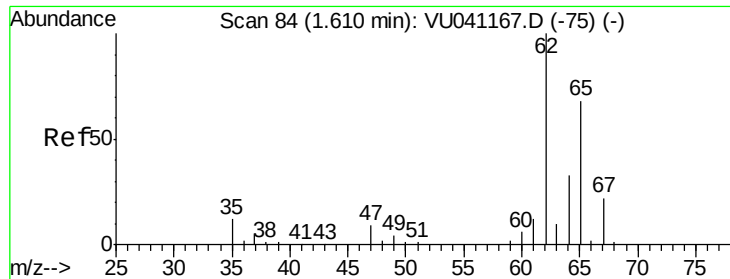
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.234 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041182.D

Acq: 10 Nov 2020 16:51

Instrument :

MSVOA_U

ClientSampleId :

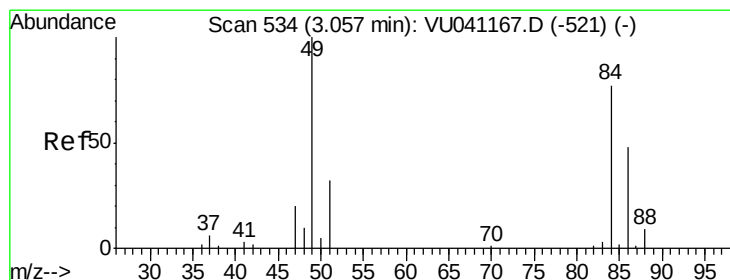
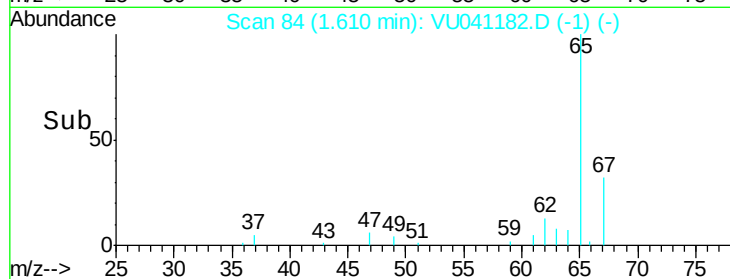
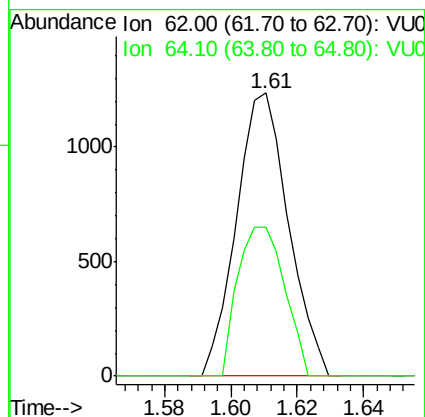
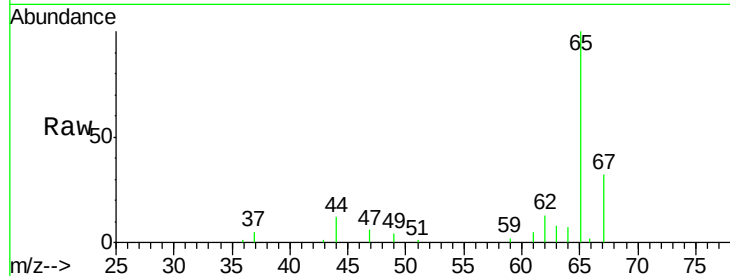
GB0T4DL

Tot Ion: 62 Resp: 1350

Ion Ratio Lower Upper

62 100

64 52.6 22.7 42.3#



#16

Methylene chloride

Concen: 0.299 ug/L

RT: 3.05 min Scan# 533

Delta R.T. -0.00 min

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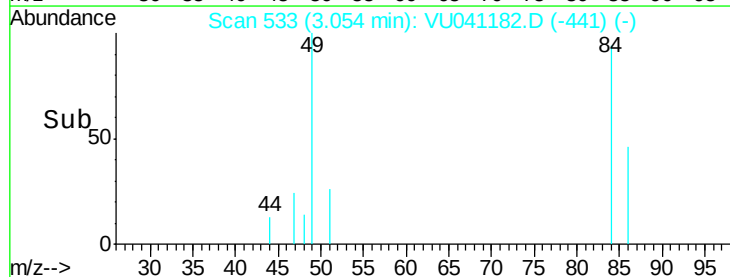
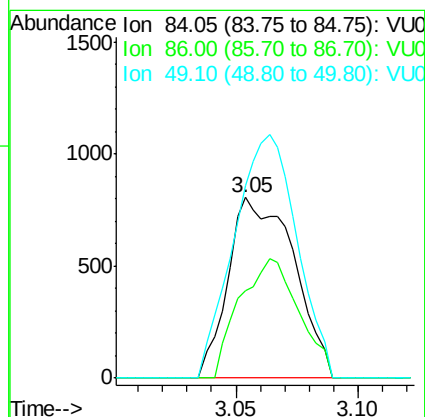
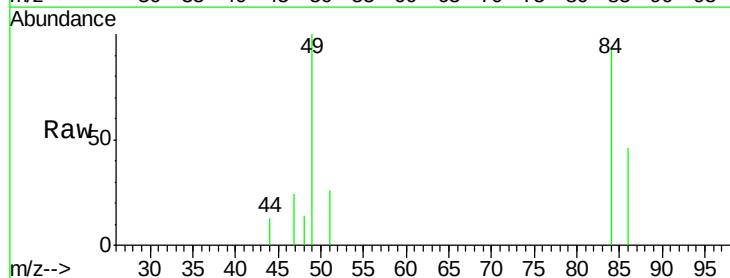
Tgt Ion: 84 Resp: 1511

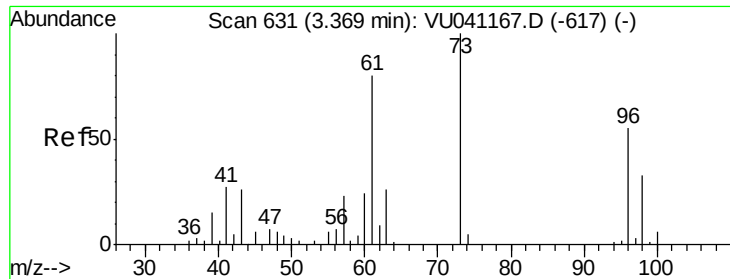
Ion Ratio Lower Upper

84 100

86 48.3 42.8 79.6

49 106.2 99.5 184.7

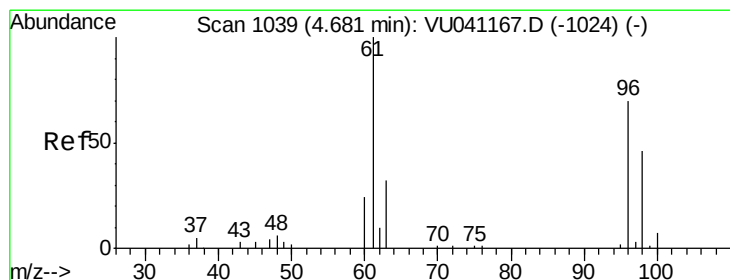
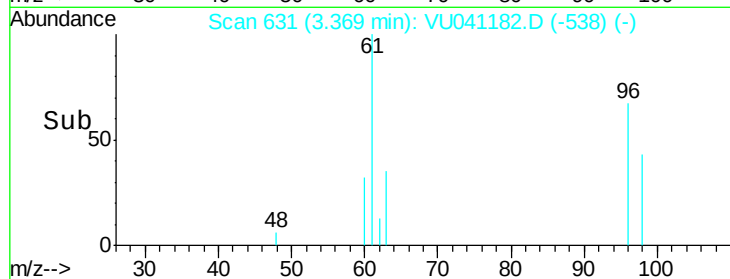
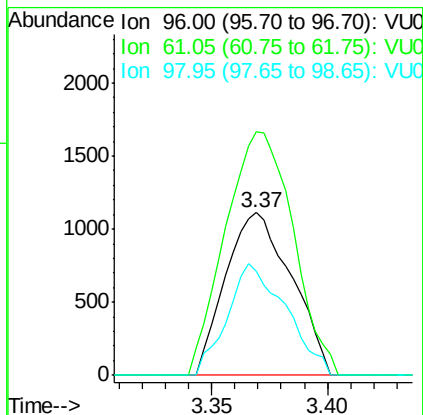
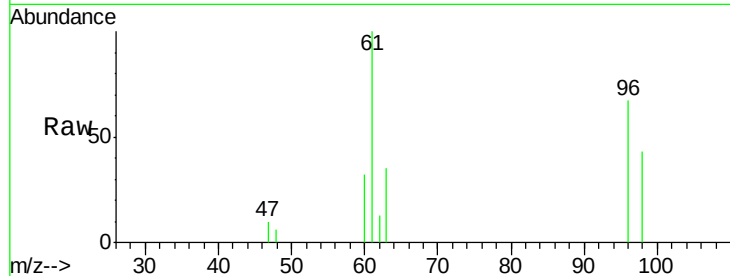




#18
 trans-1,2-Dichloroethene
 Concen: 0.499 ug/L
 RT: 3.37 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: VU041182.D
 Acq: 10 Nov 2020 16:51

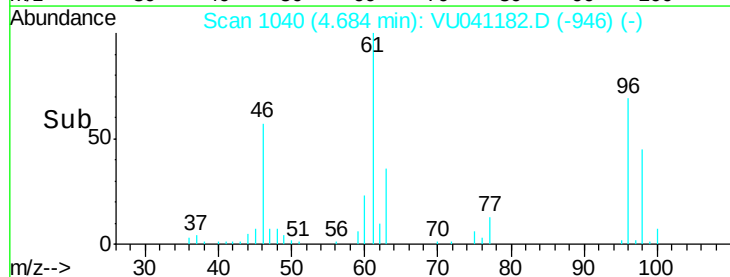
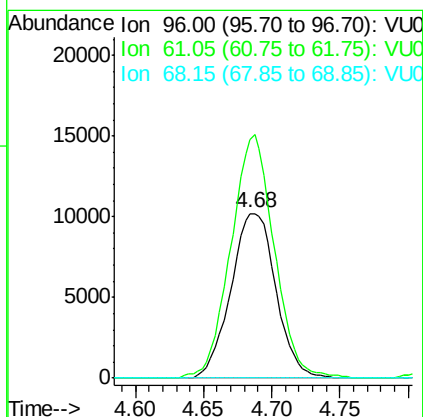
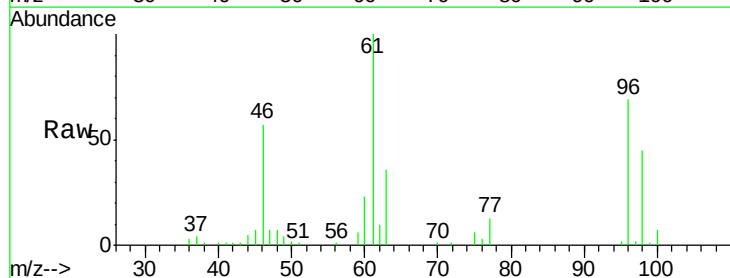
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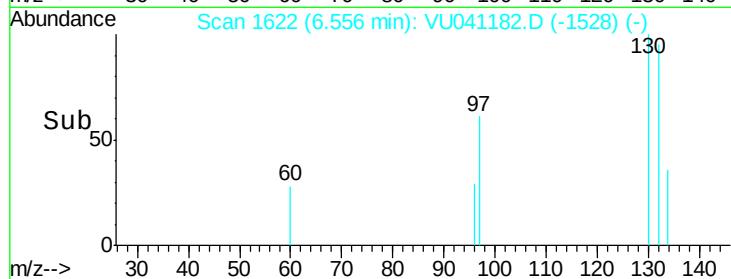
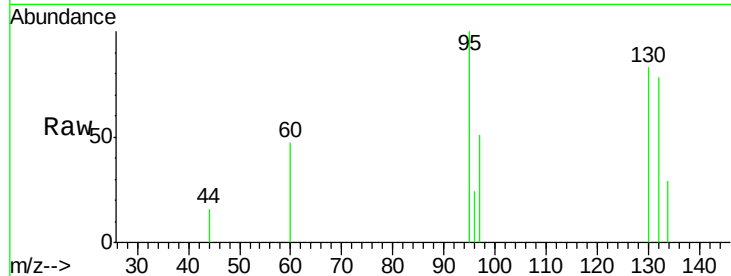
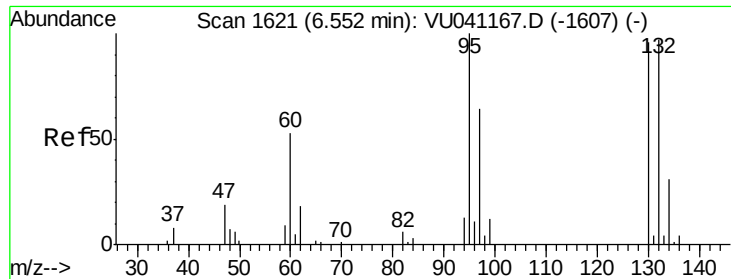
Tot Ion: 96 Resp: 2199
 Ion Ratio Lower Upper
 96 100
 61 149.6 110.9 205.9
 98 64.0 45.4 84.2



#22
 cis-1,2-Dichloroethene
 Concen: 5.140 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU041182.D
 Acq: 10 Nov 2020 16:51

Tgt Ion: 96 Resp: 23342
 Ion Ratio Lower Upper
 96 100
 61 145.0 97.2 180.4
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.206 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041182.D

Acq: 10 Nov 2020 16:51

Instrument :

MSVOA_U

ClientSampleId :

GB0T4DL

Tot Ion: 95 Resp: 996

Ion Ratio Lower Upper

95 100

97 50.6 45.6 84.6

132 78.1 64.8 120.4

130 82.6 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

