

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018497.D
 Acq On : 28 Sep 2020 16:50
 Operator : SY/MD
 Sample : L4117-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA3

Quant Time: Sep 29 03:31:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	342345	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	330307	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166015	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109874	39.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.76%
7) Chloroethane-d5	1.58	69	94273	41.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.58%
11) 1,1-Dichloroethene-d2	2.12	63	156851	30.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.30%
21) 2-Butanone-d5	3.91	46	159789	93.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.57%
24) Chloroform-d	4.38	84	204112	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.34%
26) 1,2-Dichloroethane-d4	5.06	65	133469	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
32) Benzene-d6	5.08	84	414396	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.64%
36) 1,2-Dichloropropane-d6	6.09	67	135294	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.06%
41) Toluene-d8	7.34	98	369000	42.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.64%
43) trans-1,3-Dichloropropene-	7.64	79	65625	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.96%
47) 2-Hexanone-d5	8.11	63	98656	86.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167780	44.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	160507	47.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.16%

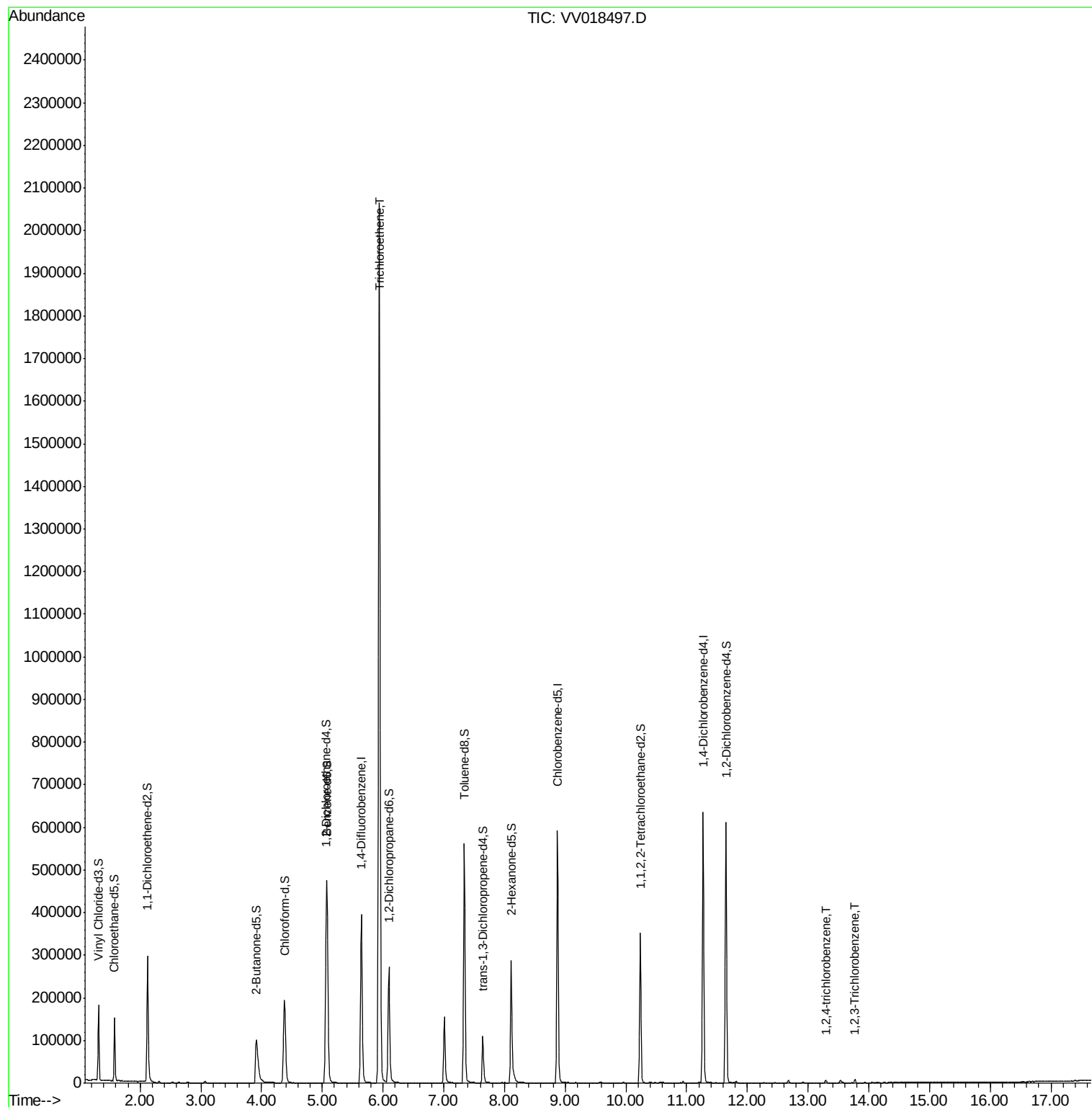
Target Compounds					Ovalue
34) Trichloroethene	5.94	95	717257	278.804 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	2508	0.724 ug/L	96
70) 1,2,3-Trichlorobenzene	13.77	180	2690	0.788 ug/L	98

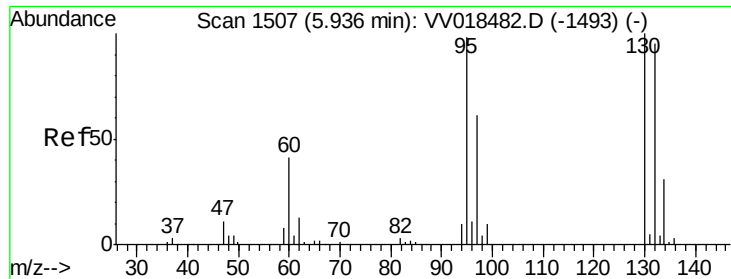
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 278.804 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018497.D

Acq: 28 Sep 2020 16:50

Instrument :

MSVOA_V

ClientSampleId :

E0AA3

Tot Ion: 95 Resp: 717257

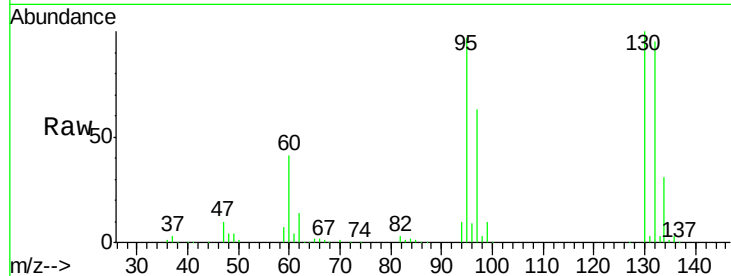
Ion Ratio Lower Upper

95 100

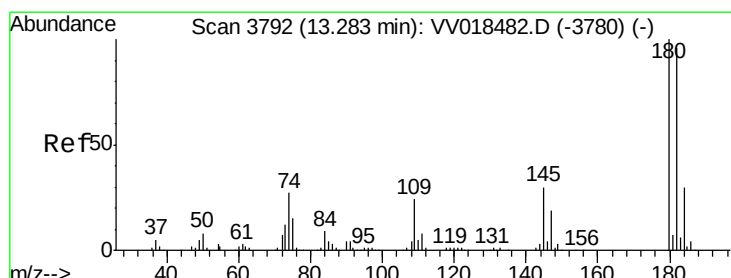
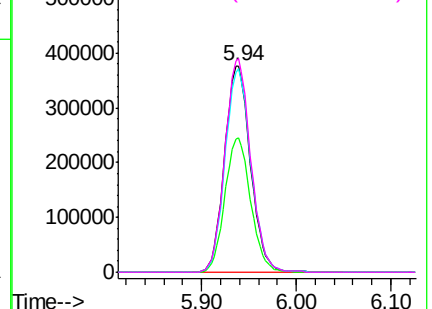
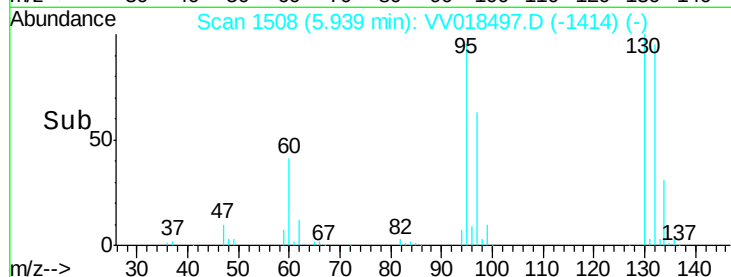
97 64.9 46.3 85.9

132 98.4 68.1 126.5

130 103.4 71.5 132.9



Abundance Ion 95.00 (94.70 to 95.70): VV018497.D (-1414) (-)



#68

1,2,4-trichlorobenzene

Concen: 0.724 ug/L

RT: 13.29 min Scan# 3795

Delta R.T. 0.01 min

Lab File: VV018497.D

Acq: 28 Sep 2020 16:50

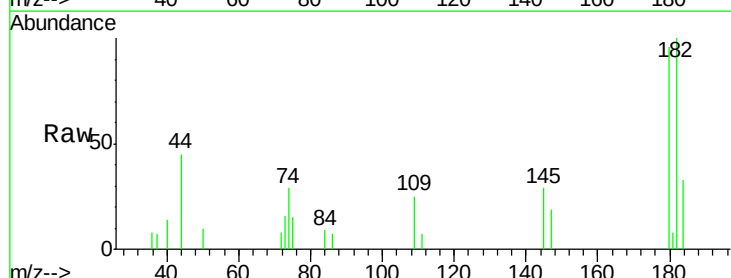
Tgt Ion: 180 Resp: 2508

Ion Ratio Lower Upper

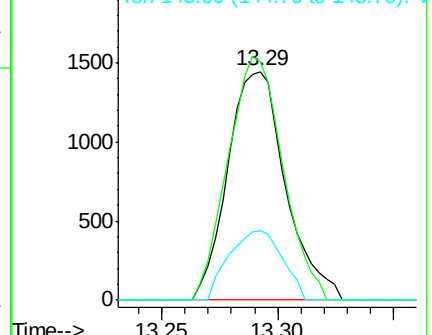
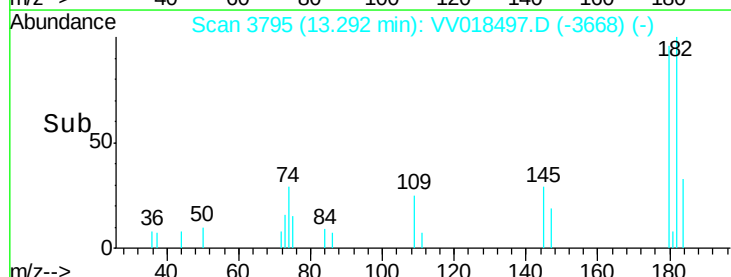
180 100

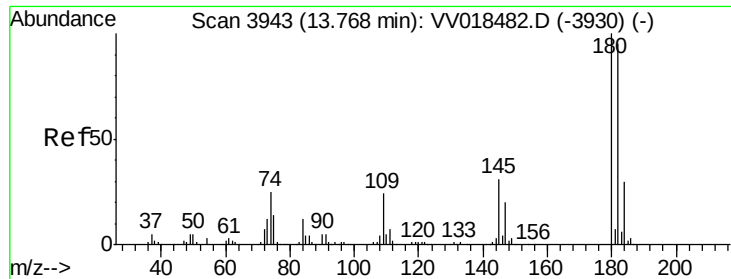
182 101.0 77.4 116.2

145 27.8 23.2 34.8



Abundance Ion 180.00 (179.70 to 180.70): VV018497.D (-3668) (-)





#70
 1,2,3-Trichlorobenzene
 Concen: 0.788 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV018497.D
 Acq: 28 Sep 2020 16:50

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA3

Tot Ion:180	Resp:	2690
Ion	Ratio	Lower Upper
180	100	
182	95.5	76.5 114.7
145	26.5	24.9 37.3

