

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV093020\
 Data File : VV018574.D
 Acq On : 30 Sep 2020 17:03
 Operator : SY/MD
 Sample : L4117-16DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA4DL

Quant Time: Oct 01 09:10:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 07:39:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	388638	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	373479	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	192218	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87562	38.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.84%
7) Chloroethane-d5	1.58	69	89461	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.94%
11) 1,1-Dichloroethene-d2	2.12	63	151139	32.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.08%
21) 2-Butanone-d5	3.92	46	164678	96.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.86%
24) Chloroform-d	4.38	84	210407	42.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.38%
26) 1,2-Dichloroethane-d4	5.06	65	143421	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.68%
32) Benzene-d6	5.07	84	427024	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.28%
36) 1,2-Dichloropropane-d6	6.09	67	135887	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.08%
41) Toluene-d8	7.34	98	388561	43.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.32%
43) trans-1,3-Dichloropropene-	7.64	79	65630	42.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.00%
47) 2-Hexanone-d5	8.11	63	97505	89.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174038	45.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	178933	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

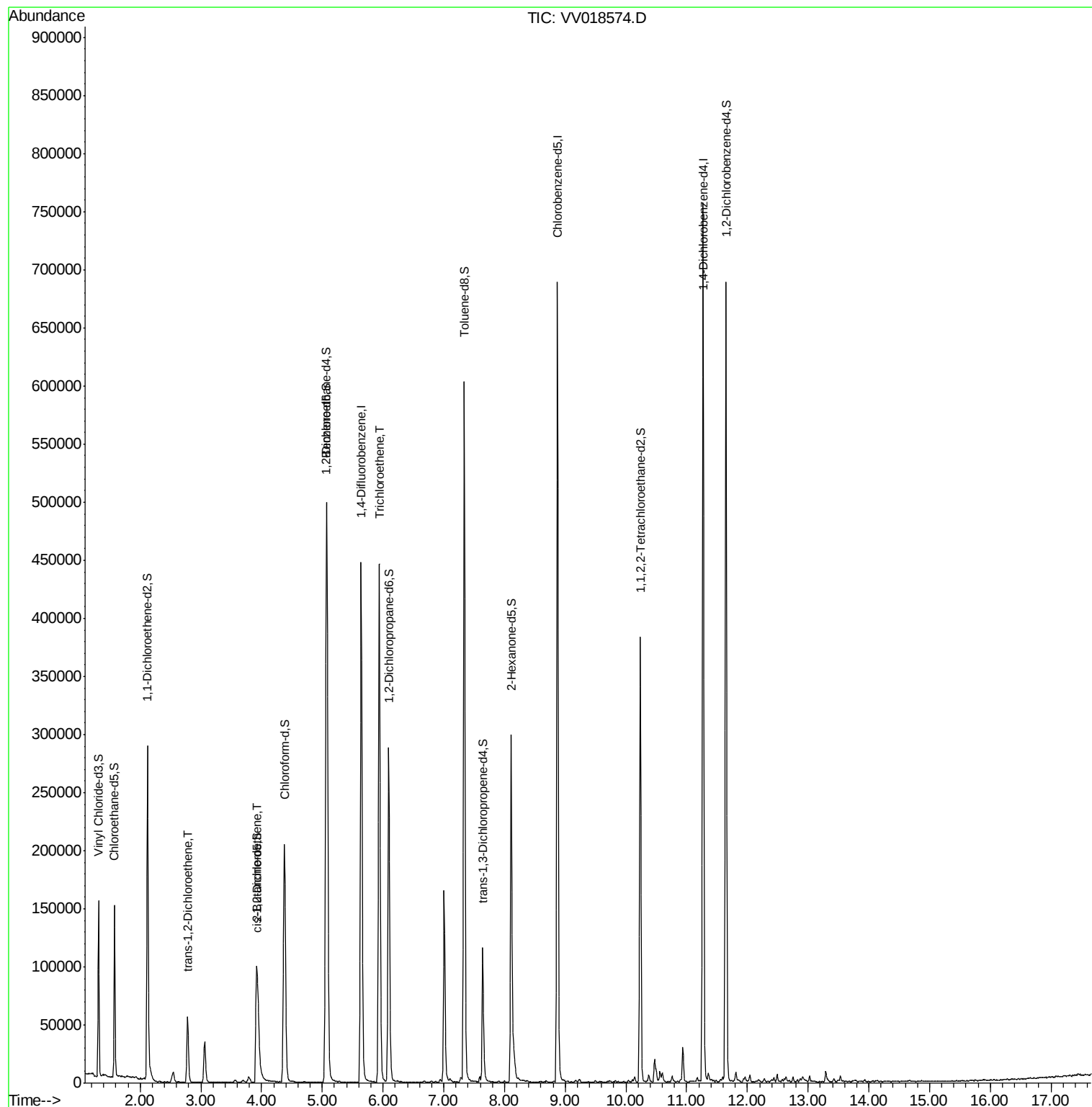
					Ovalue
17) trans-1,2-Dichloroethene	2.78	96	16562	5.966 ug/L	89
20) cis-1,2-Dichloroethene	3.94	96	10004	3.391 ug/L	87
34) Trichloroethene	5.94	95	150459	47.233 ug/L	99

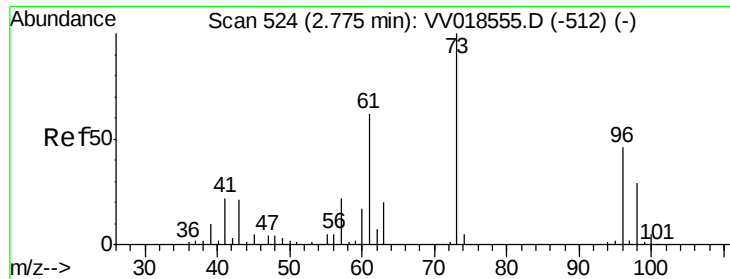
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 5.966 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV018574.D

Acq: 30 Sep 2020 17:03

Instrument :

MSVOA_V

ClientSampleId :

E0AA4DL

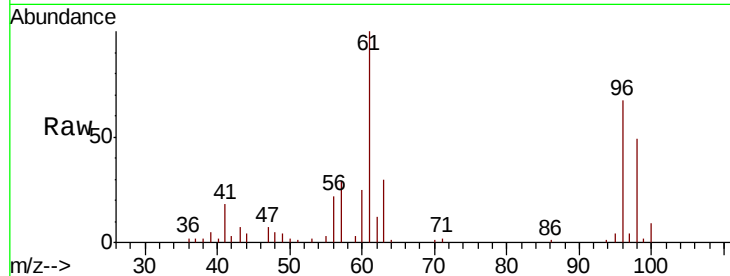
Tot Ion: 96 Resp: 16562

Ion Ratio Lower Upper

96 100

61 148.5 95.0 176.4

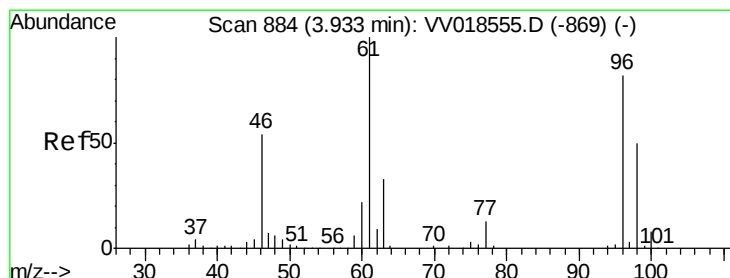
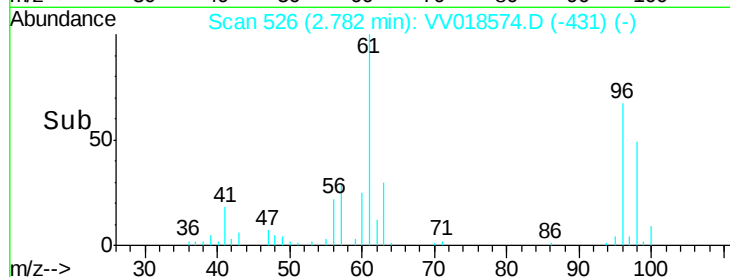
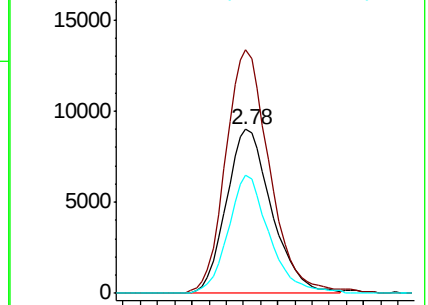
98 72.2 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VV018574.D (-431) (-)

Ion 61.00 (60.70 to 61.70): VV018574.D (-431) (-)

Ion 98.00 (97.70 to 98.70): VV018574.D (-431) (-)



#20

cis-1,2-Dichloroethene

Concen: 3.391 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018574.D

Acq: 30 Sep 2020 17:03

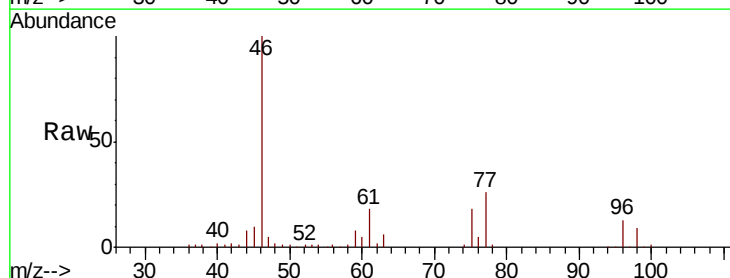
Tgt Ion: 96 Resp: 10004

Ion Ratio Lower Upper

96 100

61 138.3 86.8 161.2

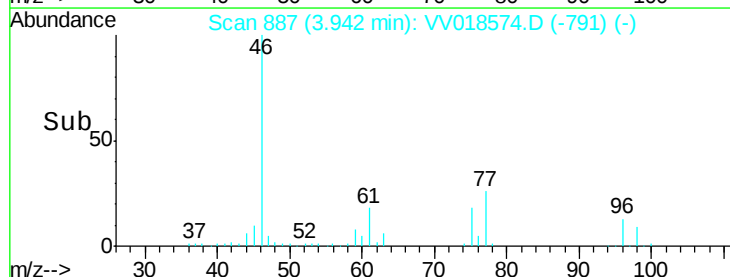
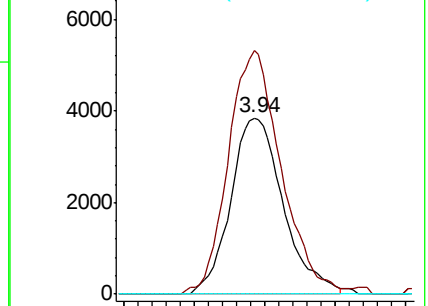
68 0.0 0.0 0.0

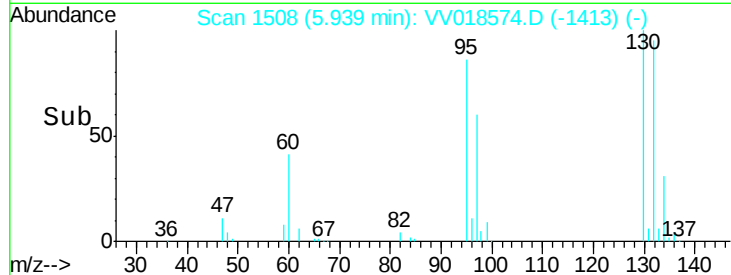
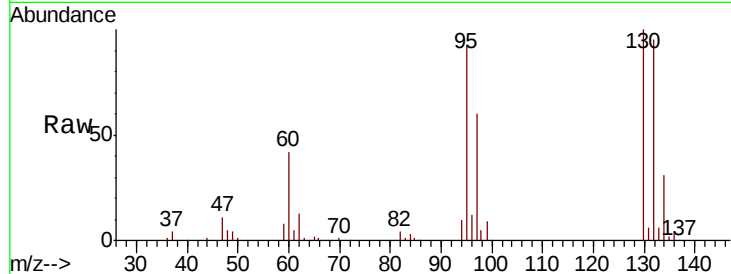
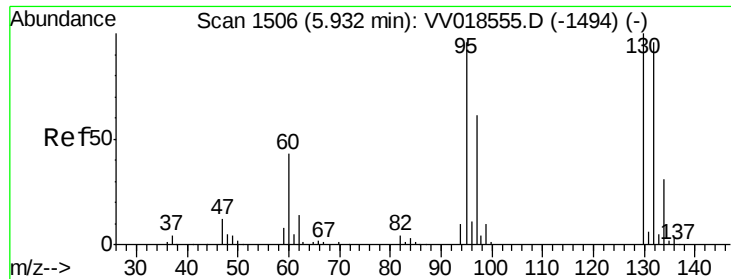


Abundance Ion 96.00 (95.70 to 96.70): VV018574.D (-791) (-)

Ion 61.00 (60.70 to 61.70): VV018574.D (-791) (-)

Ion 68.00 (67.70 to 68.70): VV018574.D (-791) (-)





#34

Trichloroethene

Concen: 47.233 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV018574.D

Acq: 30 Sep 2020 17:03

Instrument :

MSVOA_V

ClientSampleId :

E0AA4DL

Tot Ion: 95 Resp: 150459

Ion Ratio Lower Upper

95 100

97 65.5 45.9 85.3

132 103.6 70.8 131.4

130 108.5 75.3 139.8

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

