

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018611.D
 Acq On : 02 Oct 2020 00:19
 Operator : SY/MD
 Sample : L4237-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC8

Quant Time: Oct 02 04:20:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	283290	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280970	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141663	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83165	50.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.12%
7) Chloroethane-d5	1.58	69	80358	58.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.12	63	141564	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.64%
21) 2-Butanone-d5	3.92	46	108667	87.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.68%
24) Chloroform-d	4.38	84	169067	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
26) 1,2-Dichloroethane-d4	5.06	65	114312	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
32) Benzene-d6	5.08	84	327171	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
36) 1,2-Dichloropropane-d6	6.09	67	100265	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.26%
41) Toluene-d8	7.34	98	299082	44.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.34%
43) trans-1,3-Dichloropropene-	7.64	79	50322	43.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.64%
47) 2-Hexanone-d5	8.11	63	62684	76.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	123973	43.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	132307	48.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.12%

Target Compounds

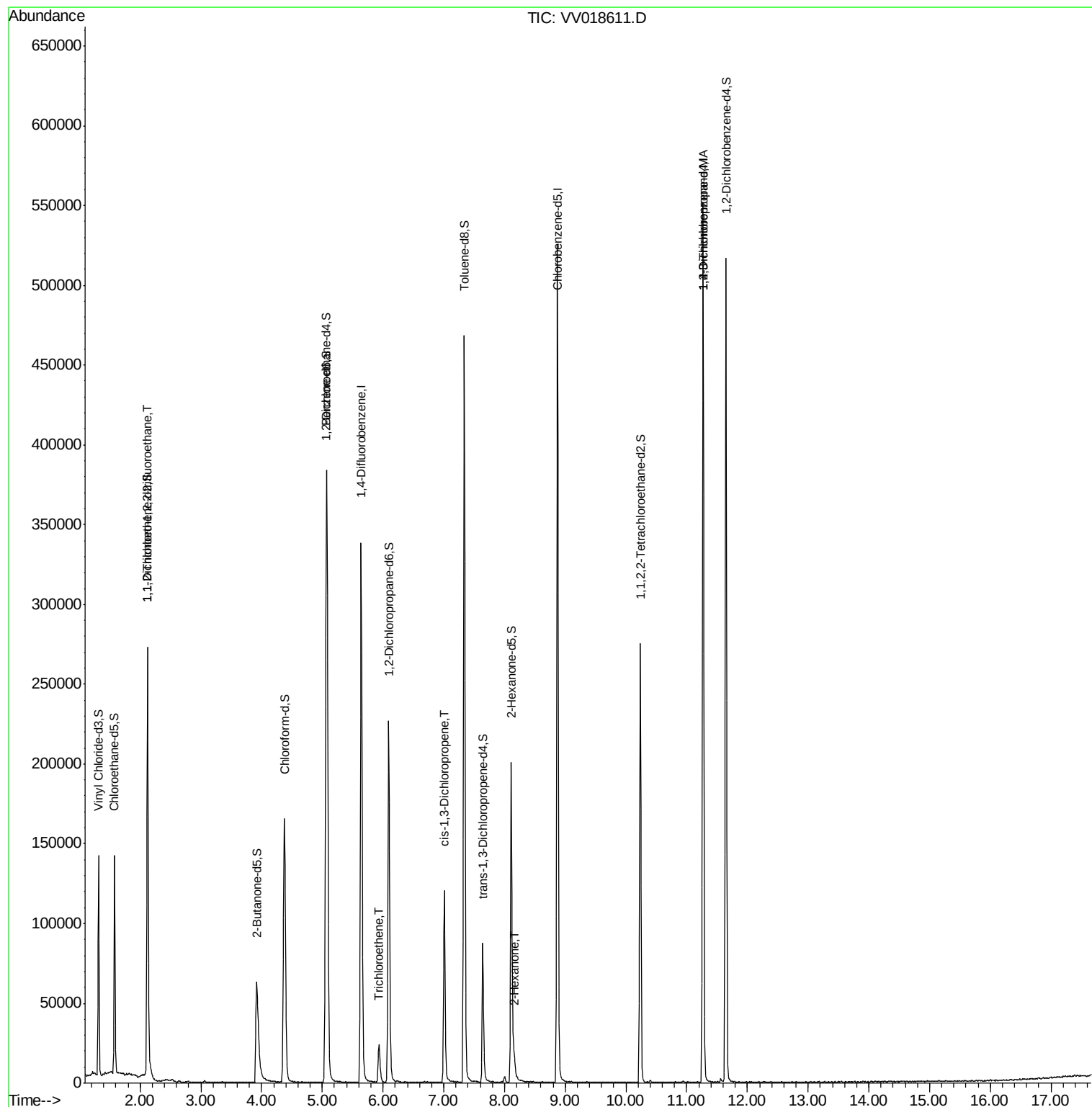
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1350	0.732 ug/L #	17
34) Trichloroethene	5.94	95	2907	1.213 ug/L	87
39) cis-1,3-Dichloropropene	7.01	75	3077	0.926 ug/L #	77
48) 2-Hexanone	8.16	43	7789	3.653 ug/L #	72
59) 1,2,3-Trichloropropane	11.27	75	15129	5.873 ug/L #	84

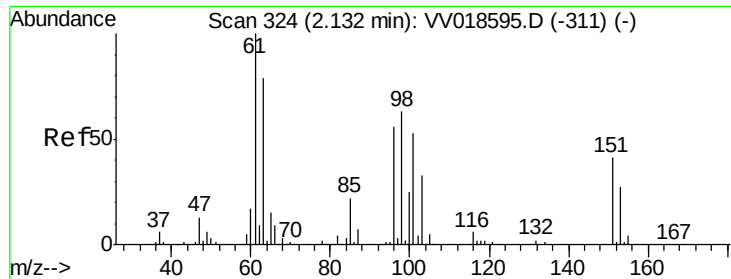
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 02 04:18:06 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.732 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018611.D

Acq: 02 Oct 2020 00:19

Instrument :

MSVOA_V

ClientSampleId :

E0AC8

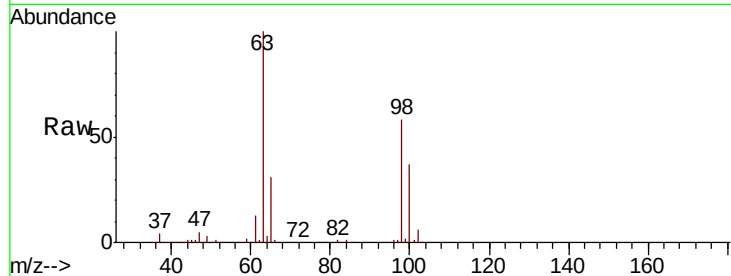
Tot Ion:101 Resp: 1350

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

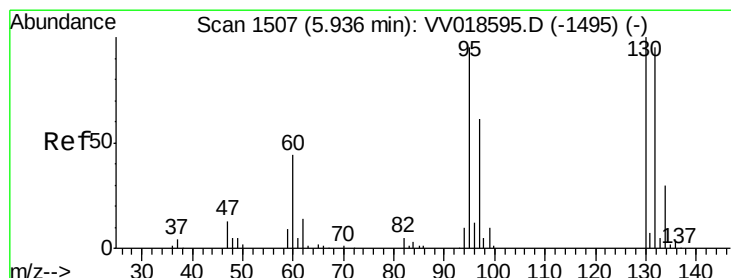
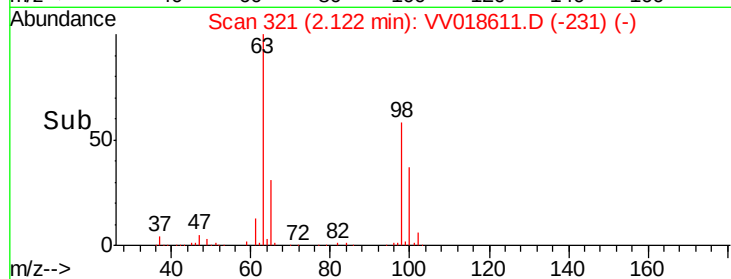
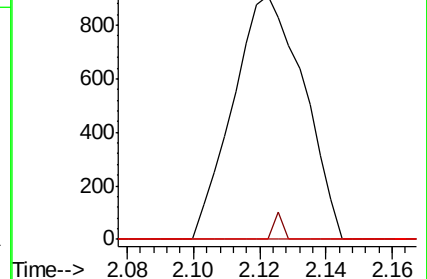
151 0.0 64.3 96.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 1.213 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018611.D

Acq: 02 Oct 2020 00:19

Tgt Ion: 95 Resp: 2907

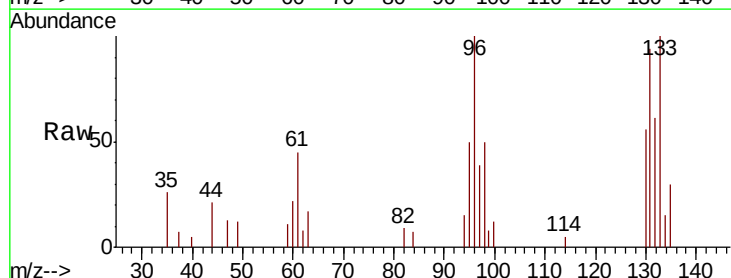
Ion Ratio Lower Upper

95 100

97 77.5 45.9 85.3

132 121.6 70.8 131.4

130 113.0 75.3 139.8

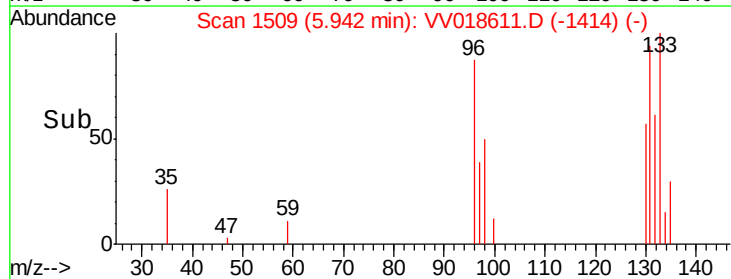
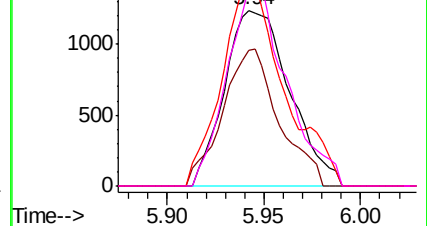


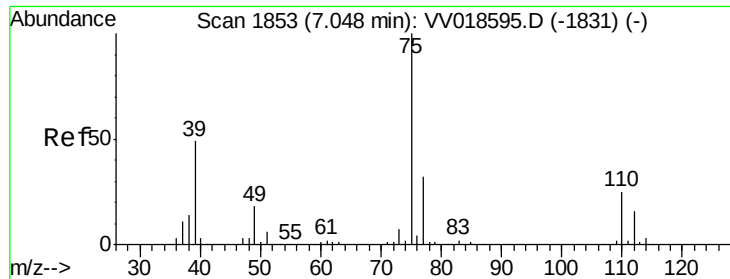
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

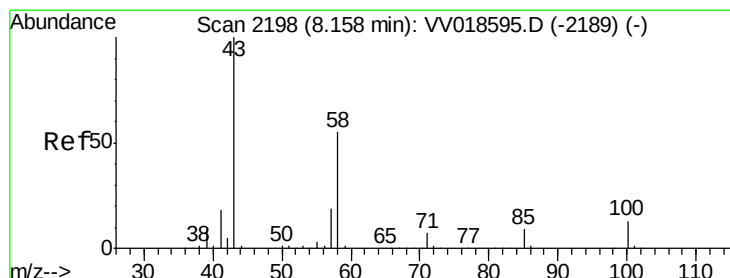
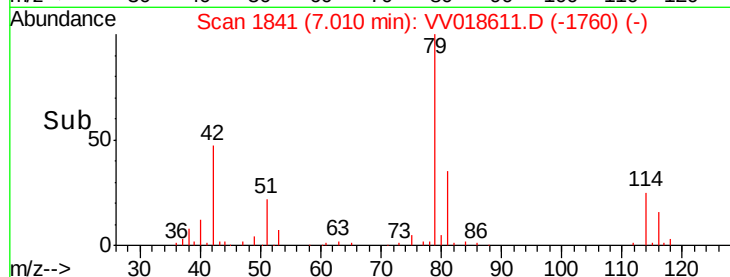
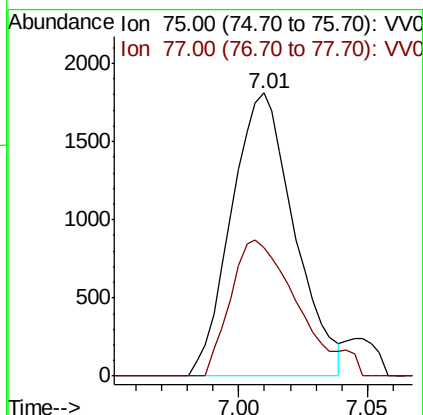
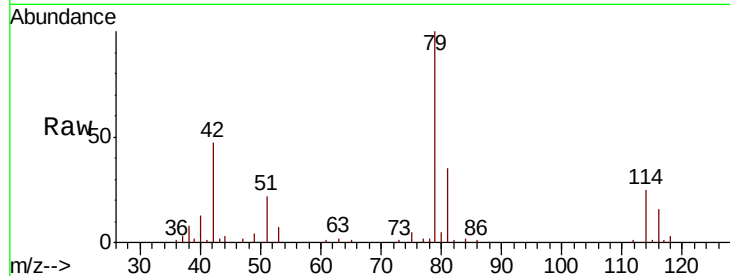




#39
 cis-1,3-Dichloropropene
 Concen: 0.926 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018611.D
 Acq: 02 Oct 2020 00:19

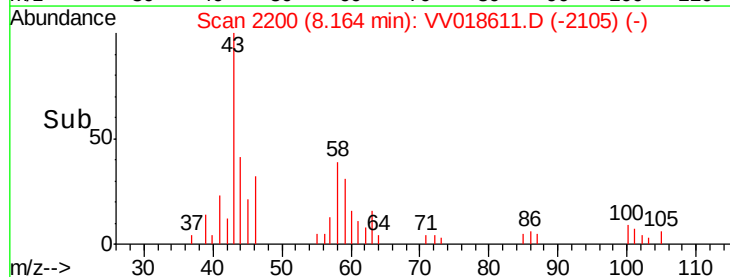
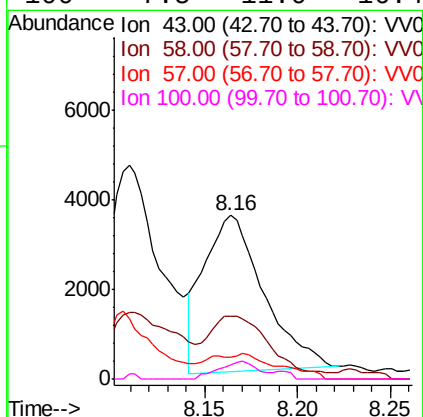
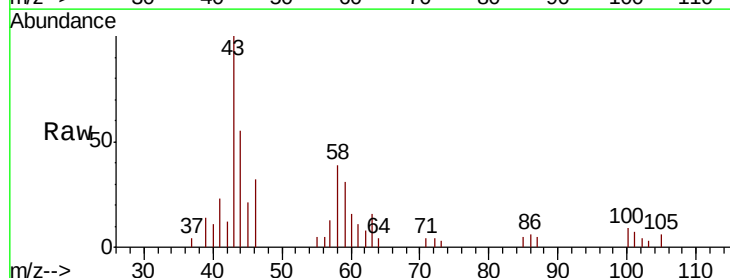
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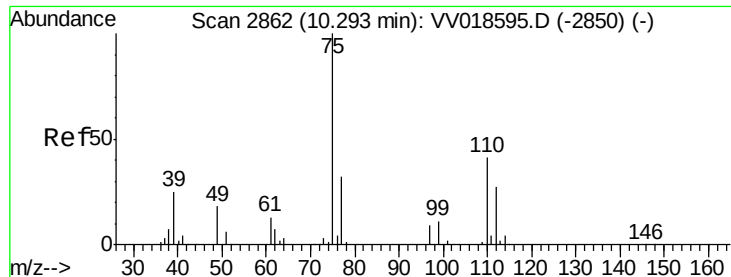
Tot Ion: 75 Resp: 3077
 Ion Ratio Lower Upper
 75 100
 77 45.5 23.0 42.6#



#48
 2-Hexanone
 Concen: 3.653 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018611.D
 Acq: 02 Oct 2020 00:19

Tgt Ion: 43 Resp: 7789
 Ion Ratio Lower Upper
 43 100
 58 35.7 45.1 67.7#
 57 3.6 15.7 23.5#
 100 7.5 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 5.873 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018611.D

Acq: 02 Oct 2020 00:19

Instrument :

MSVOA_V

ClientSampleId :

E0AC8

Tot Ion: 75 Resp: 15129

Ion Ratio Lower Upper

75 100

77 40.8 25.4 38.0#

