

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018612.D
 Acq On : 02 Oct 2020 00:43
 Operator : SY/MD
 Sample : L4237-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AD1

Quant Time: Oct 02 04:21:00 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	289866	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	286732	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141223	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84499	49.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	80178	57.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.08%
11) 1,1-Dichloroethene-d2	2.12	63	144807	41.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.62%
21) 2-Butanone-d5	3.92	46	110937	87.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.49%
24) Chloroform-d	4.38	84	166474	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
26) 1,2-Dichloroethane-d4	5.06	65	117749	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.92%
32) Benzene-d6	5.07	84	332950	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.68%
36) 1,2-Dichloropropane-d6	6.09	67	100650	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.72%
41) Toluene-d8	7.34	98	300294	43.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.90%
43) trans-1,3-Dichloropropene-	7.64	79	48845	41.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.40%
47) 2-Hexanone-d5	8.11	63	56283	67.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	110326	37.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	131971	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

Target Compounds

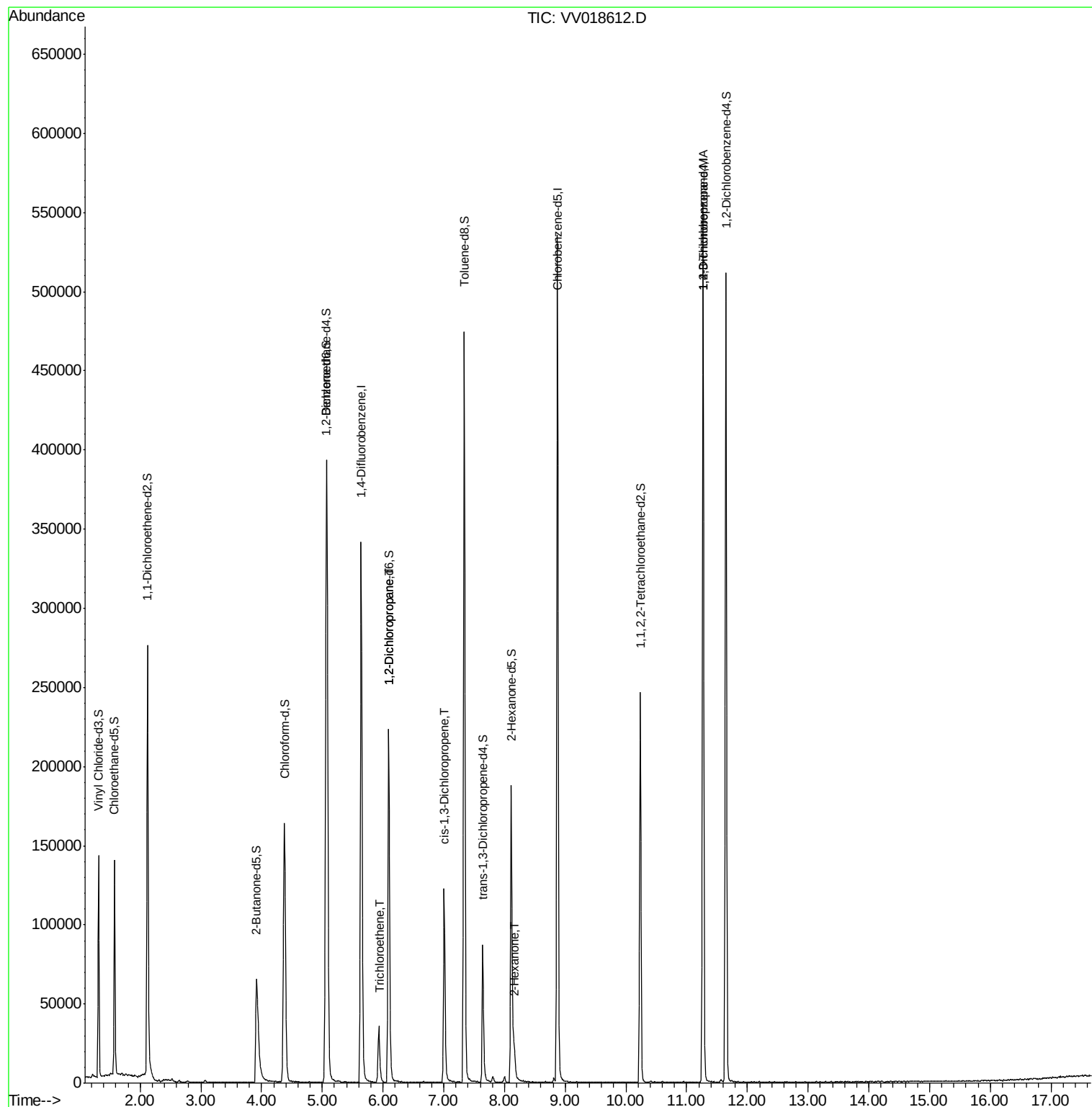
					Ovalue
34) Trichloroethene	5.95	95	2016	0.824 ug/L #	85
37) 1,2-Dichloropropane	6.09	63	12381	5.729 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3281	0.968 ug/L #	82
48) 2-Hexanone	8.16	43	12935	5.945 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	15726	5.982 ug/L	91

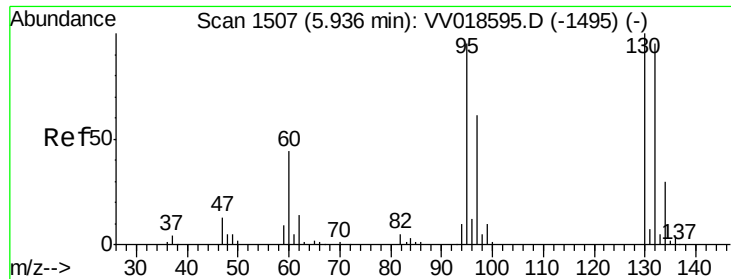
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.824 ug/L

RT: 5.95 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VV018612.D

Acq: 02 Oct 2020 00:43

Instrument :

MSVOA_V

ClientSampleId :

E0AD1

Tot Ion: 95 Resp: 2016

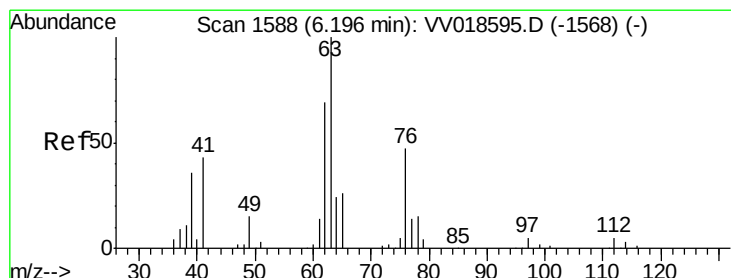
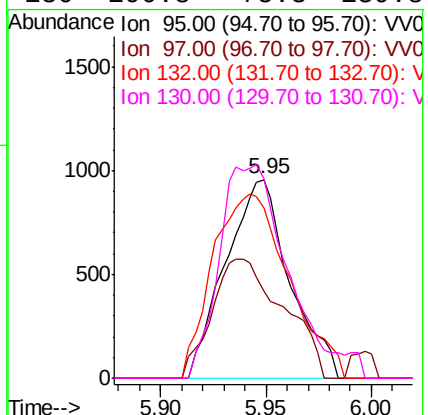
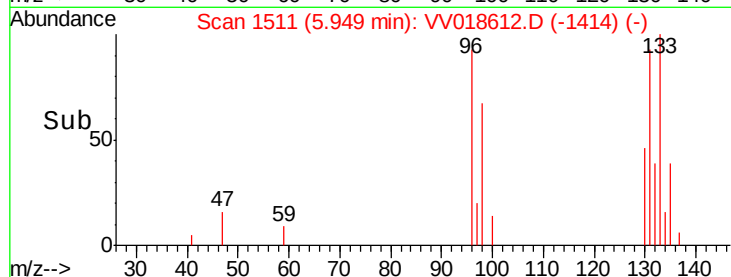
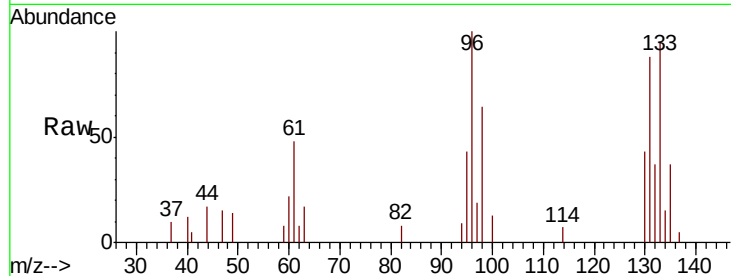
Ion Ratio Lower Upper

95 100

97 44.1 45.9 85.3#

132 85.5 70.8 131.4

130 100.8 75.3 139.8



#37

1,2-Dichloropropane

Concen: 5.729 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.11 min

Lab File: VV018612.D

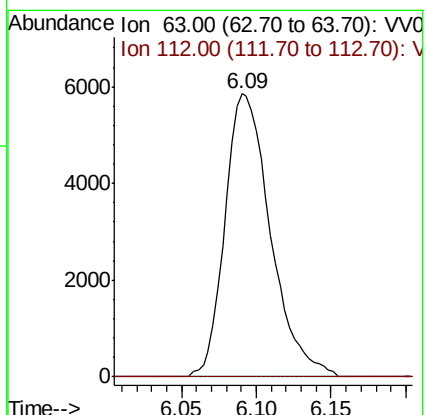
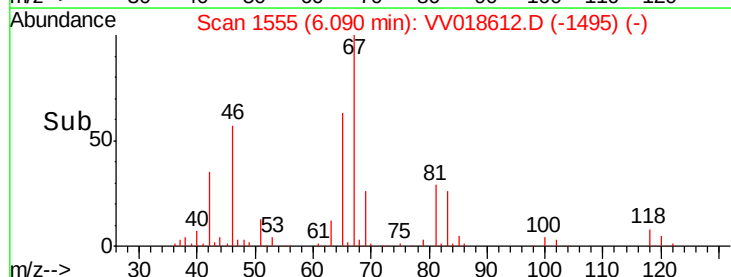
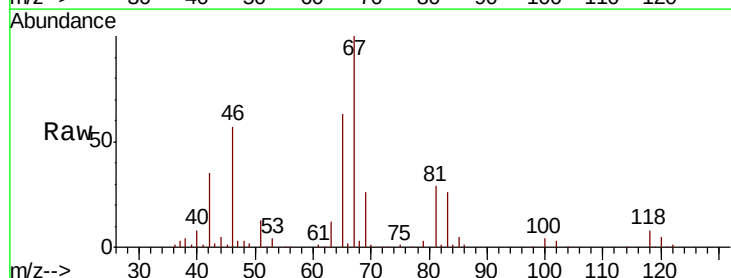
Acq: 02 Oct 2020 00:43

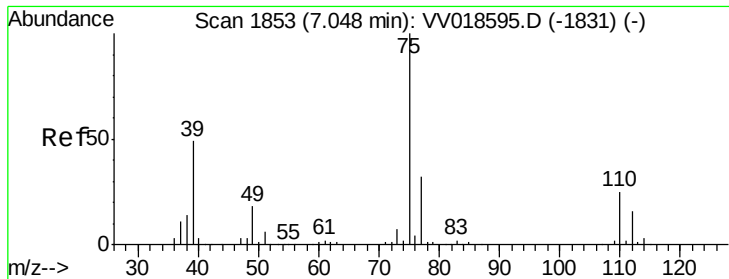
Tgt Ion: 63 Resp: 12381

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#

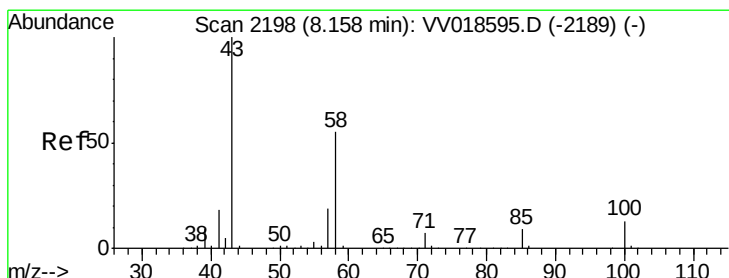
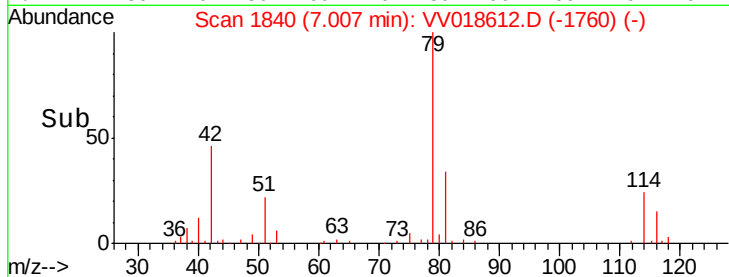
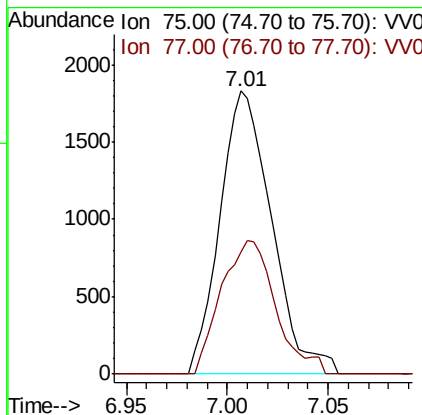
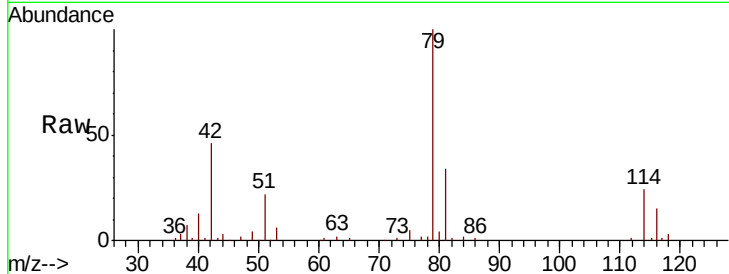




#39
 cis-1,3-Dichloropropene
 Concen: 0.968 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018612.D
 Acq: 02 Oct 2020 00:43

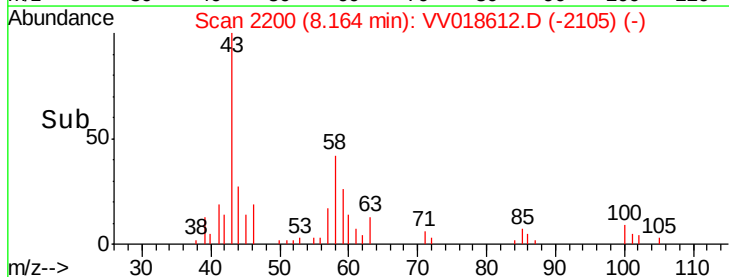
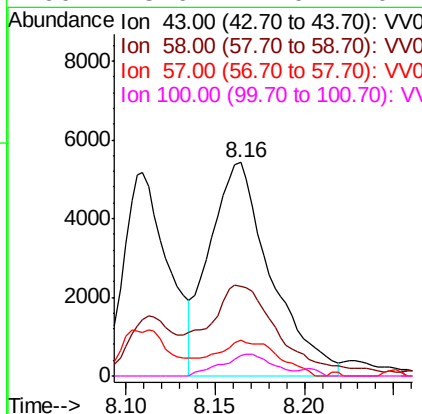
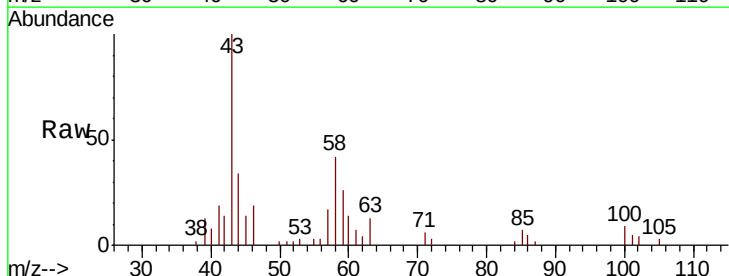
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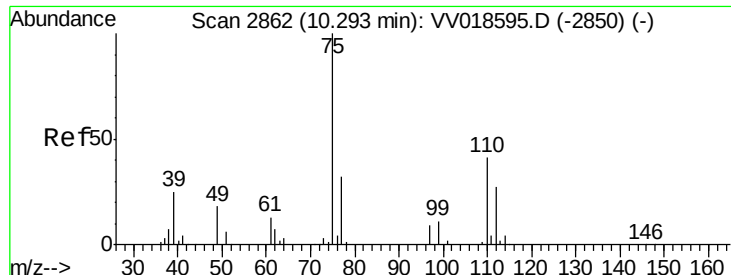
Tot Ion: 75 Resp: 3281
 Ion Ratio Lower Upper
 75 100
 77 43.0 23.0 42.6#



#48
 2-Hexanone
 Concen: 5.945 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018612.D
 Acq: 02 Oct 2020 00:43

Tgt Ion: 43 Resp: 12935
 Ion Ratio Lower Upper
 43 100
 58 43.7 45.1 67.7#
 57 3.1 15.7 23.5#
 100 8.6 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 5.982 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018612.D

Acq: 02 Oct 2020 00:43

Instrument :

MSVOA_V

ClientSampleId :

E0AD1

Tot Ion: 75 Resp: 15726

Ion Ratio Lower Upper

75 100

77 36.7 25.4 38.0

