

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018584.D
 Acq On : 01 Oct 2020 12:15
 Operator : SY/MD
 Sample : L4116-16DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA4

Quant Time: Oct 01 23:38:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 23:37:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	248759	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	241652	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125004	50.00	ug/L	0.00

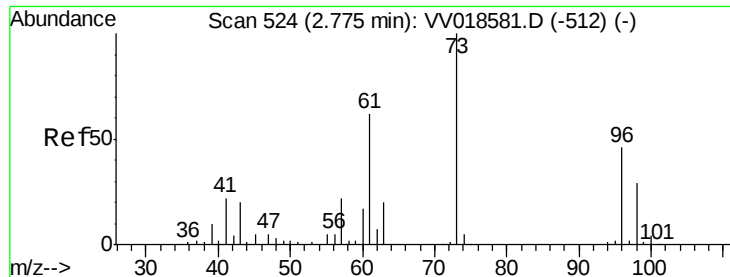
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22772	15.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	31.22%#
7) Chloroethane-d5	1.58	69	30853	25.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.16%#
11) 1,1-Dichloroethene-d2	2.12	63	30843	10.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	20.76%#
21) 2-Butanone-d5	3.91	46	149898	137.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	137.74%#
24) Chloroform-d	4.37	84	123660	39.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.05	65	85617	42.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.50%
32) Benzene-d6	5.07	84	144753	23.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	47.30%#
36) 1,2-Dichloropropane-d6	6.09	67	71723	38.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.56%
41) Toluene-d8	7.34	98	102977	17.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	35.76%#
43) trans-1,3-Dichloropropene-	7.64	79	36310	36.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.68%
47) 2-Hexanone-d5	8.11	63	78049	111.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	149348	60.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	121.82%#
64) 1,2-Dichlorobenzene-d4	11.65	152	136169	56.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.28%

Target Compounds

					Ovalue
17) trans-1,2-Dichloroethene	2.78	96	15431	8.684	ug/L 95
20) cis-1,2-Dichloroethene	3.94	96	9889	5.237	ug/L 99
34) Trichloroethene	5.94	95	140867	68.346	ug/L 98
35) Methylcyclohexane	6.09	83	17912	6.442	ug/L # 18
39) cis-1,3-Dichloropropene	7.01	75	2073	0.725	ug/L # 55
48) 2-Hexanone	8.16	43	11863	6.469	ug/L # 95
59) 1,2,3-Trichloropropane	11.27	75	13448	6.070	ug/L 90

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



#17

trans-1,2-Dichloroethene

Concen: 8.684 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV018584.D

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Instrument :

MSVOA_V

ClientSampleId :

E0AA4

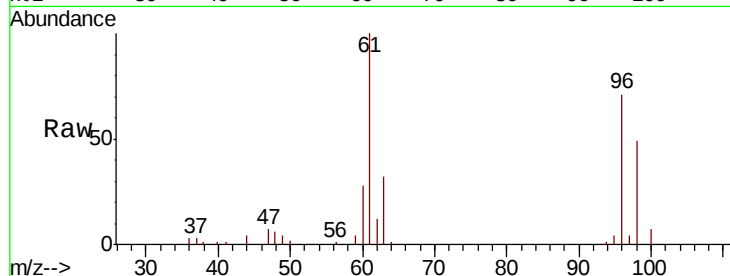
Tot Ion: 96 Resp: 15431

Ion Ratio Lower Upper

96 100

61 141.1 95.0 176.4

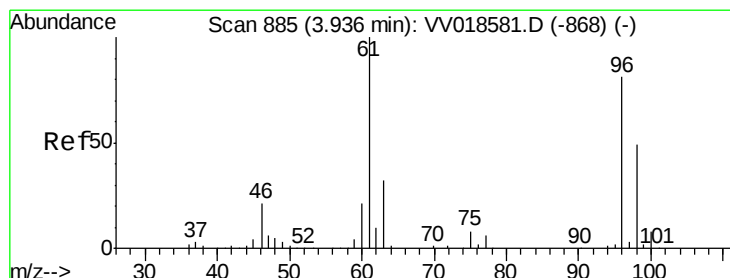
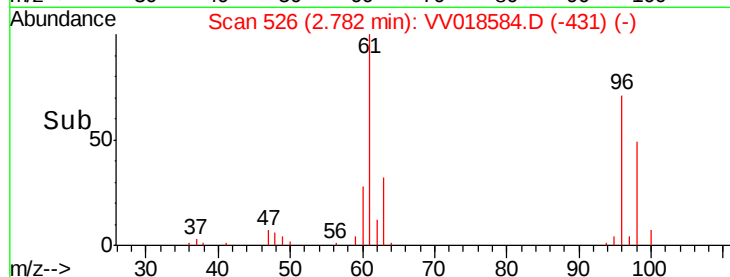
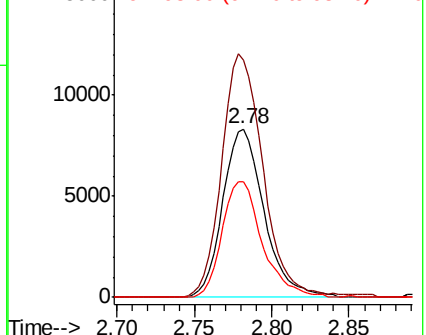
98 68.6 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 5.237 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018584.D

Acq: 01 Oct 2020 12:15

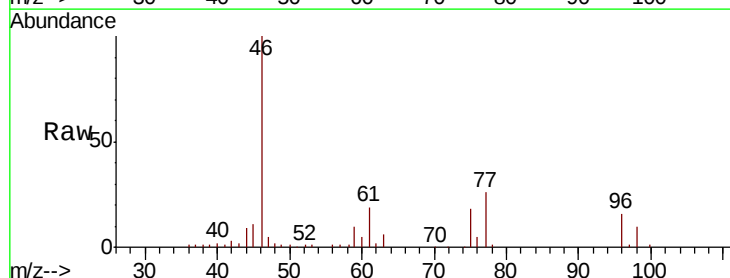
Tgt Ion: 96 Resp: 9889

Ion Ratio Lower Upper

96 100

61 123.2 86.8 161.2

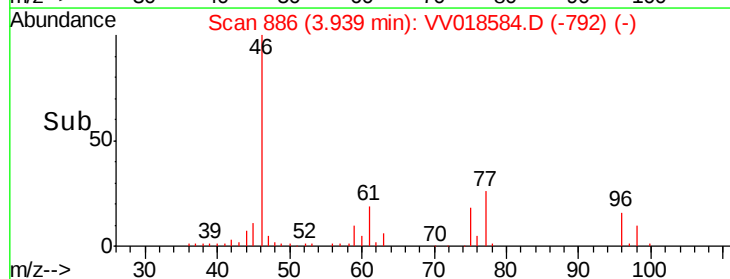
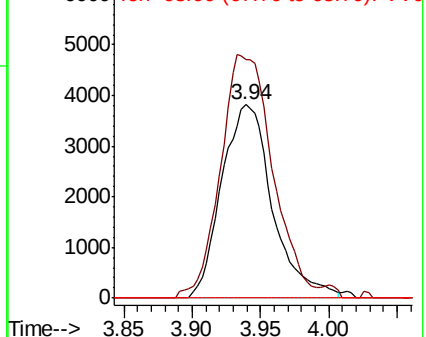
68 0.0 0.0 0.0

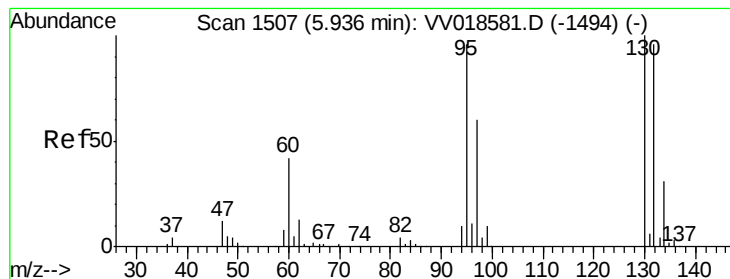


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 68.346 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV018584.D

Acq: 01 Oct 2020 12:15

Instrument :

MSVOA_V

ClientSampleId :

E0AA4

Tot Ion: 95 Resp: 140867

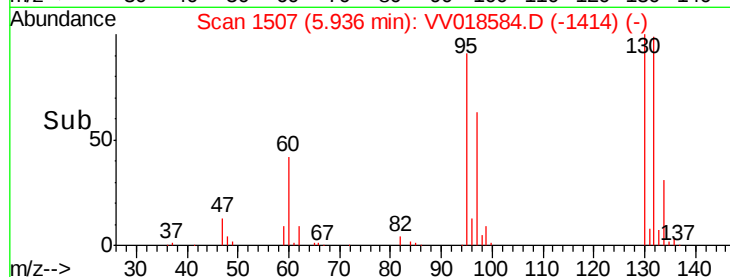
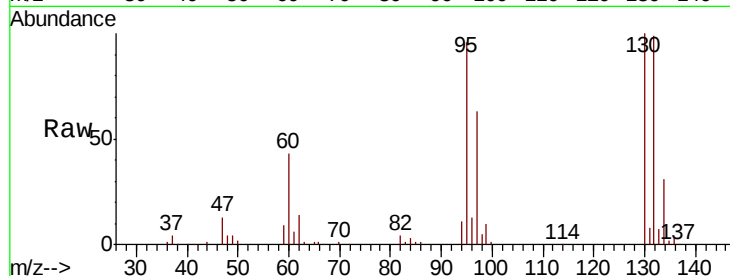
Ion Ratio Lower Upper

95 100

97 65.1 45.9 85.3

132 102.8 70.8 131.4

130 104.1 75.3 139.8

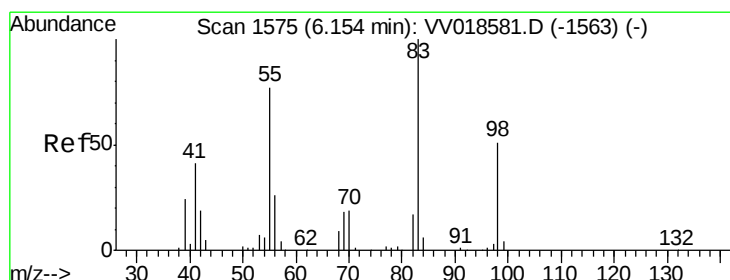
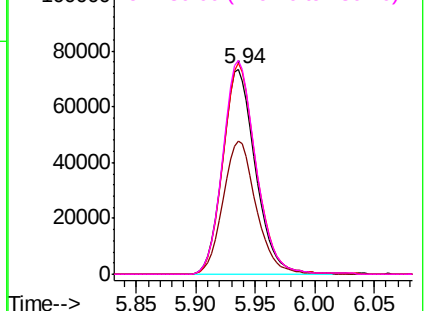


Abundance Ion 95.00 (94.70 to 95.70): VV018584.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV018584.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV018584.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV018584.D (-1414) (-)



#35

Methylcyclohexane

Concen: 6.442 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018584.D

Acq: 01 Oct 2020 12:15

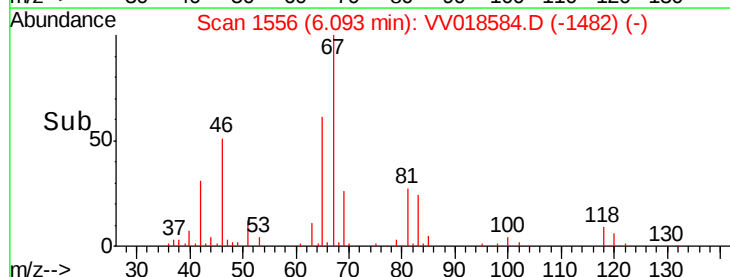
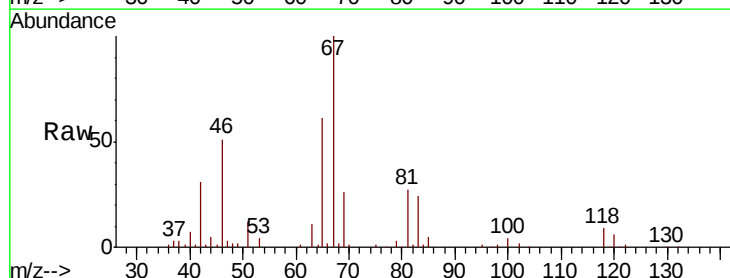
Tgt Ion: 83 Resp: 17912

Ion Ratio Lower Upper

83 100

55 0.0 60.1 90.1#

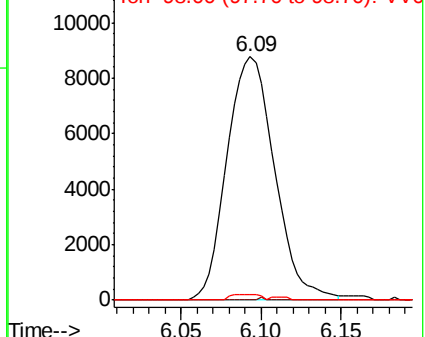
98 0.6 40.2 60.4#

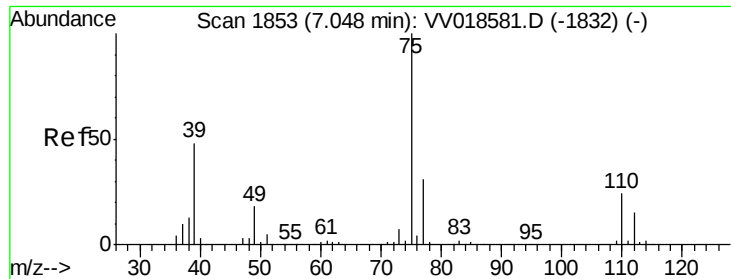


Abundance Ion 83.00 (82.70 to 83.70): VV018584.D (-1482) (-)

Ion 55.00 (54.70 to 55.70): VV018584.D (-1482) (-)

Ion 98.00 (97.70 to 98.70): VV018584.D (-1482) (-)

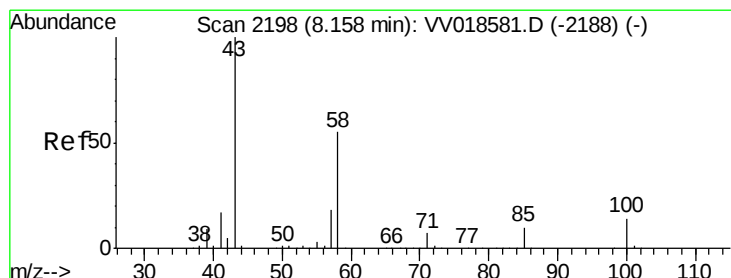
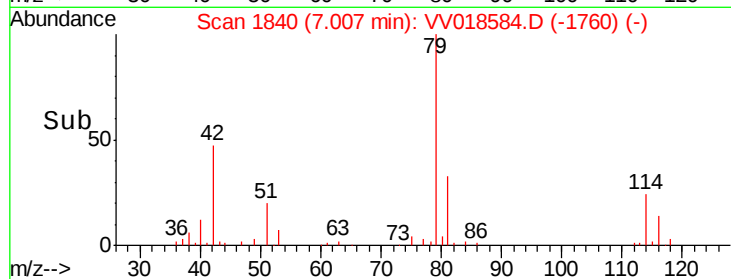
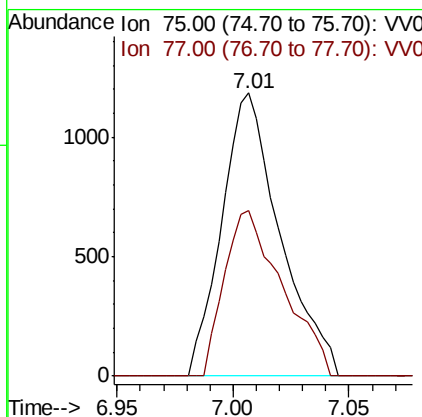
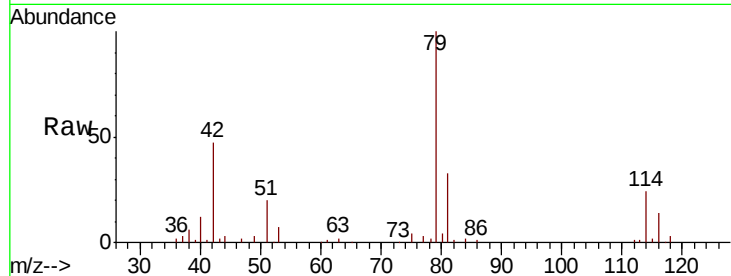




#39
 cis-1,3-Dichloropropene
 Concen: 0.725 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018584.D
 Acq: 01 Oct 2020 12:15

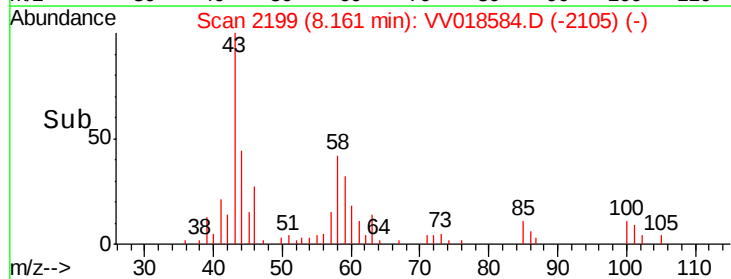
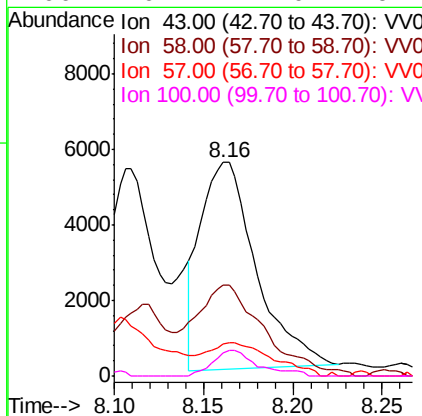
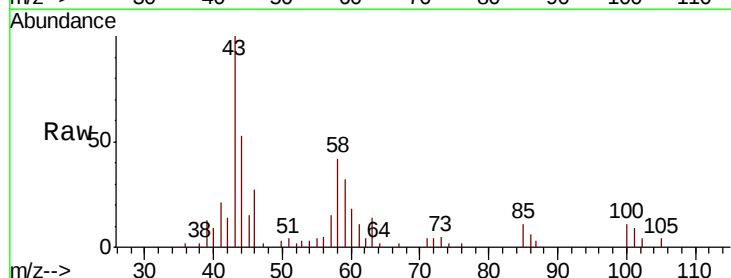
Instrument :
 MSVOA_V
 ClientSampled :
 E0AA4

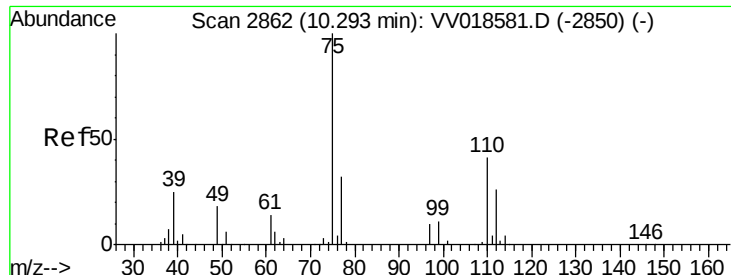
Tot Ion: 75 Resp: 2073
 Ion Ratio Lower Upper
 75 100
 77 58.3 23.0 42.6#



#48
 2-Hexanone
 Concen: 6.469 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV018584.D
 Acq: 01 Oct 2020 12:15

Tgt Ion: 43 Resp: 11863
 Ion Ratio Lower Upper
 43 100
 58 54.7 45.1 67.7
 57 15.9 15.7 23.5
 100 10.2 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 6.070 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018584.D

Acq: 01 Oct 2020 12:15

Instrument :

MSVOA_V

ClientSampleId :

E0AA4

Tot Ion: 75 Resp: 13448

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.0

