

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018636.D
 Acq On : 02 Oct 2020 19:34
 Operator : SY/MD
 Sample : L4237-10DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC5DL

Quant Time: Oct 03 02:10:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 02:08:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	310421	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	307686	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149751	50.00	ug/L	0.00

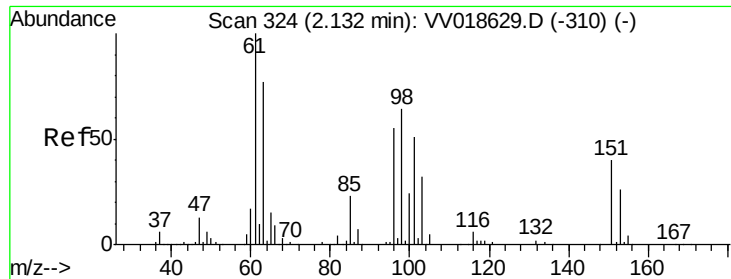
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76565	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.12%
7) Chloroethane-d5	1.58	69	77184	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.54%
11) 1,1-Dichloroethene-d2	2.12	63	137059	36.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.90%
21) 2-Butanone-d5	3.92	46	112278	82.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.68%
24) Chloroform-d	4.38	84	168676	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.70%
26) 1,2-Dichloroethane-d4	5.06	65	115957	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
32) Benzene-d6	5.07	84	327289	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.98%
36) 1,2-Dichloropropane-d6	6.09	67	101378	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.10%
41) Toluene-d8	7.34	98	300160	40.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.88%
43) trans-1,3-Dichloropropene-	7.64	79	51121	40.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.38%
47) 2-Hexanone-d5	8.11	63	63128	70.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	116675	37.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	131991	45.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.66%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1340	0.663 ug/L #	17
34) Trichloroethene	5.94	95	191629	73.021 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	3270	0.899 ug/L	86
48) 2-Hexanone	8.17	43	8470	3.628 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	16545	5.865 ug/L #	86

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



#10

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

Concen: 0.663 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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E0AC5DL

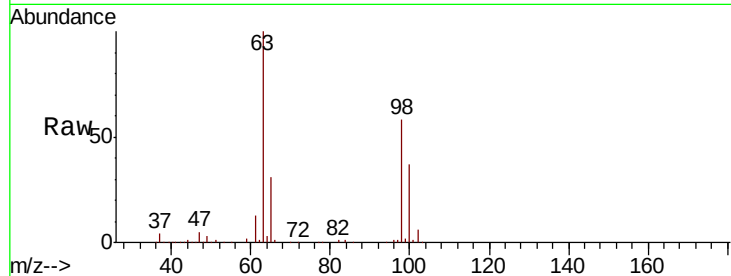
Tot Ion:101 Resp: 1340

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

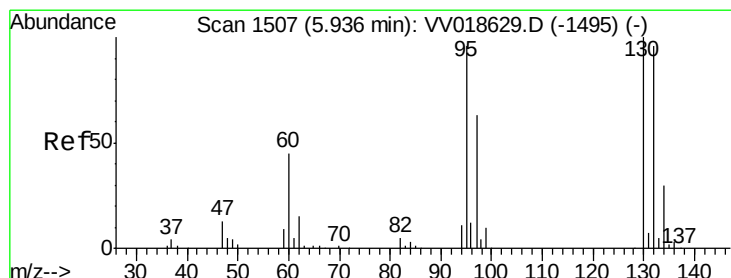
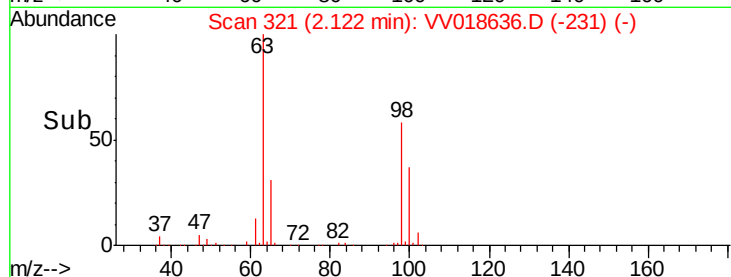
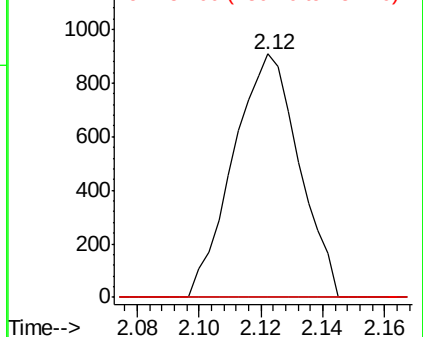
151 0.0 64.3 96.5#



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: 73.021 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018636.D

Acq: 02 Oct 2020 19:34

Tgt Ion: 95 Resp: 191629

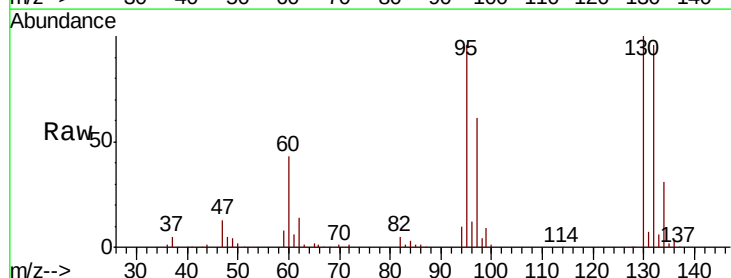
Ion Ratio Lower Upper

95 100

97 63.5 45.9 85.3

132 100.2 70.8 131.4

130 104.7 75.3 139.8

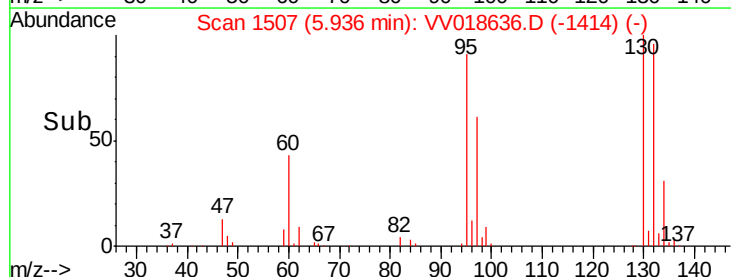
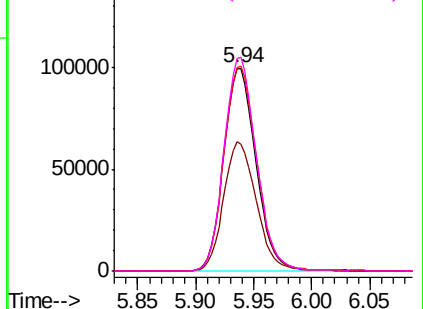


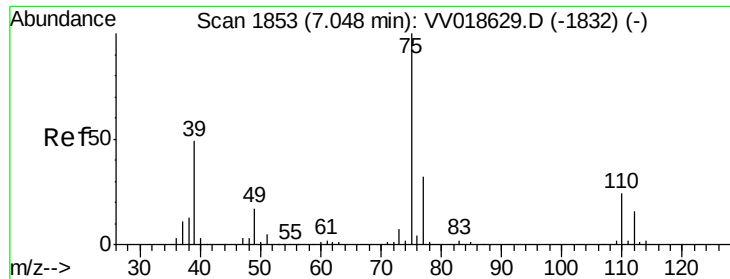
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

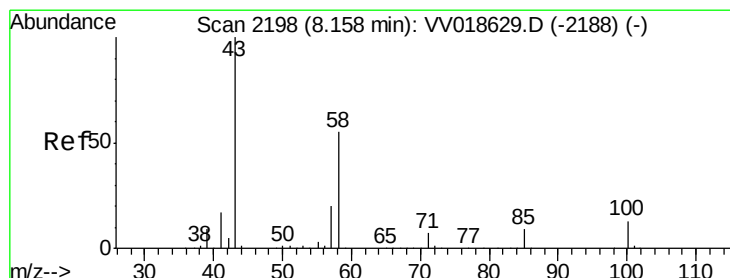
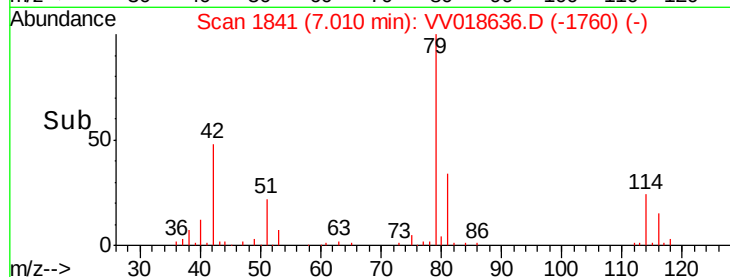
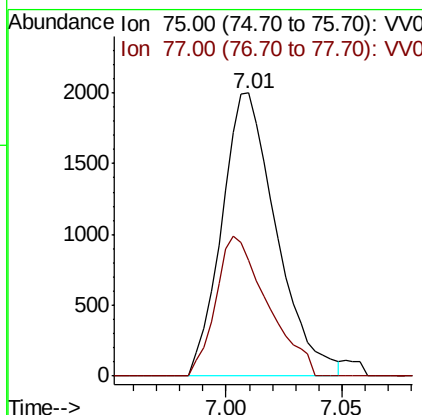
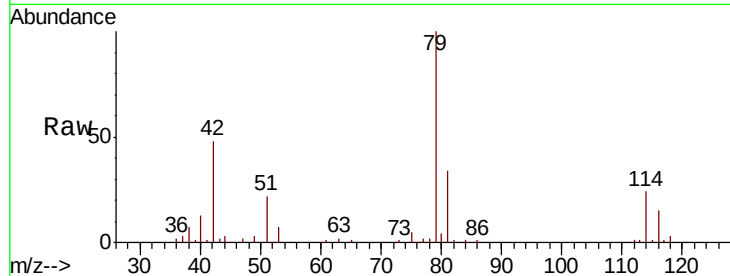




#39
 cis-1,3-Dichloropropene
 Concen: 0.899 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
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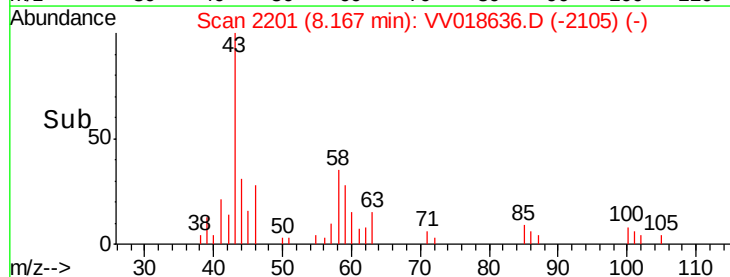
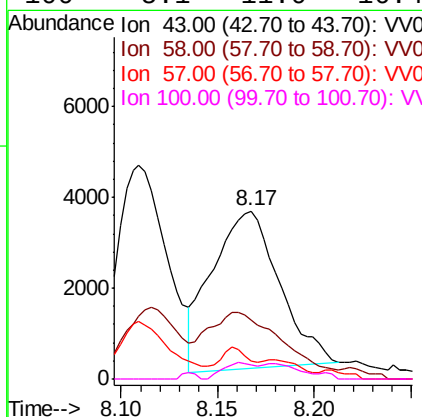
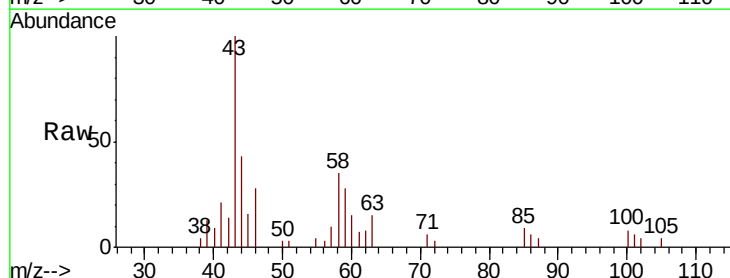
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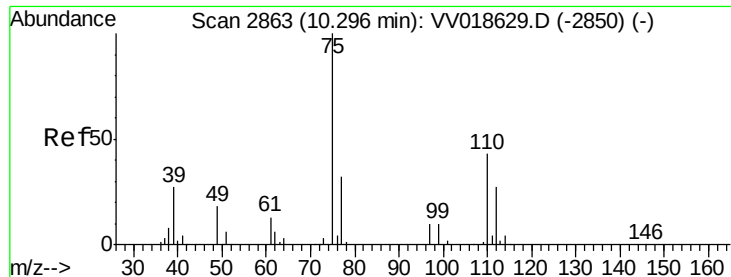
Tot Ion: 75 Resp: 3270
 Ion Ratio Lower Upper
 75 100
 77 40.7 23.0 42.6



#48
 2-Hexanone
 Concen: 3.628 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV018636.D
 Acq: 02 Oct 2020 19:34

Tgt Ion: 43 Resp: 8470
 Ion Ratio Lower Upper
 43 100
 58 44.4 45.1 67.7#
 57 8.9 15.7 23.5#
 100 5.1 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 5.865 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018636.D

Acq: 02 Oct 2020 19:34

Instrument :

MSVOA_V

ClientSampleId :

E0AC5DL

Tot Ion: 75 Resp: 16545

Ion Ratio Lower Upper

75 100

77 39.7 25.4 38.0#

