

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018494.D
 Acq On : 28 Sep 2020 15:19
 Operator : SY/MD
 Sample : L4117-06DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA7DL

Quant Time: Sep 29 00:52:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	335249	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324875	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160347	50.00	ug/L	0.00

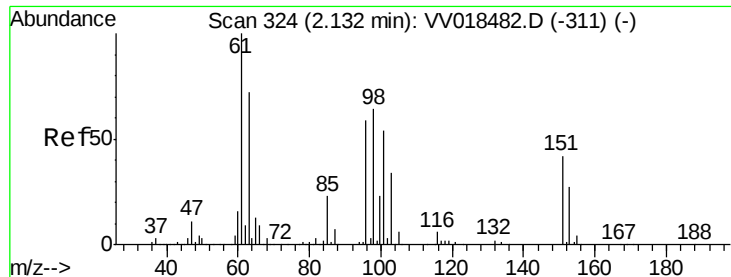
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111735	40.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.80%
7) Chloroethane-d5	1.58	69	94879	42.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.88%
11) 1,1-Dichloroethene-d2	2.12	63	157873	31.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.00%
21) 2-Butanone-d5	3.91	46	155541	93.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.01%
24) Chloroform-d	4.38	84	203393	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.82%
26) 1,2-Dichloroethane-d4	5.06	65	133592	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
32) Benzene-d6	5.08	84	420572	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
36) 1,2-Dichloropropane-d6	6.09	67	134740	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.20%
41) Toluene-d8	7.34	98	373814	44.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.64	79	65423	43.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.14%
47) 2-Hexanone-d5	8.11	63	93862	83.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.85%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	164602	44.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	157975	47.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.94%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1582	0.699 ug/L #	19
34) Trichloroethene	5.94	95	187525	74.111 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	3650	0.962 ug/L #	72
48) 2-Hexanone	8.16	43	9418	4.001 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	18391	6.353 ug/L	92

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



#10

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

Concen: 0.699 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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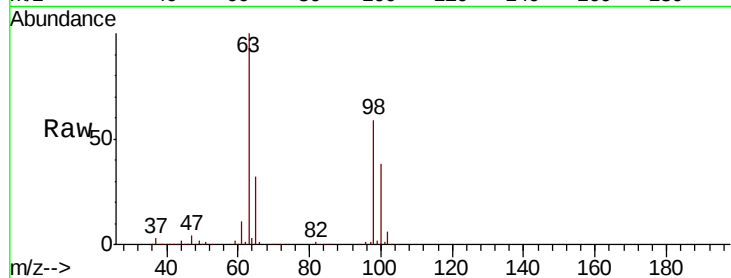
Tot Ion:101 Resp: 1582

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

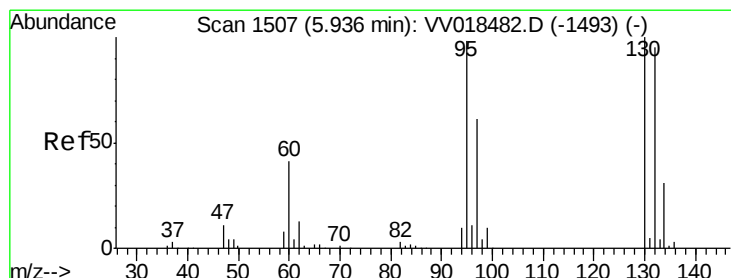
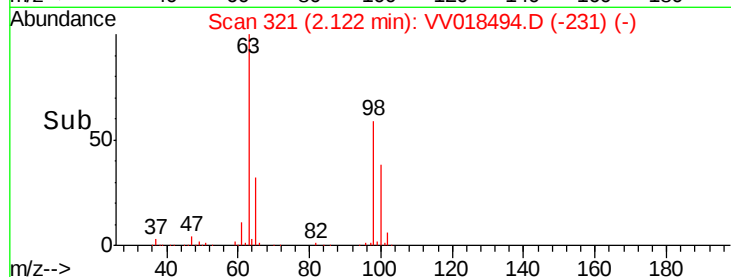
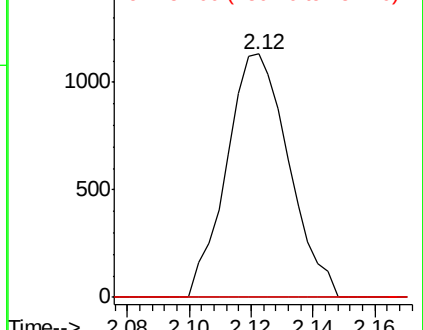
151 0.0 62.2 93.2#



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: 74.111 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 187525

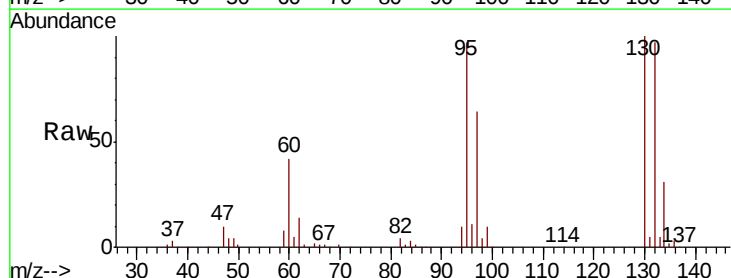
Ion Ratio Lower Upper

95 100

97 65.7 46.3 85.9

132 99.9 68.1 126.5

130 102.8 71.5 132.9

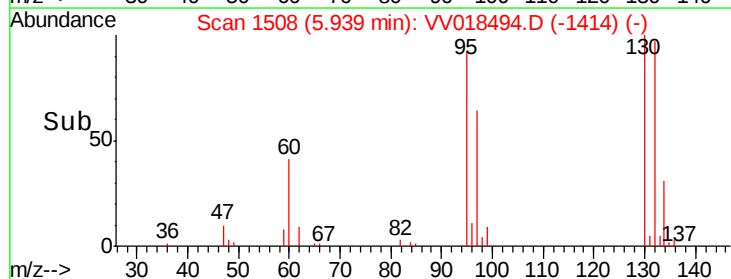
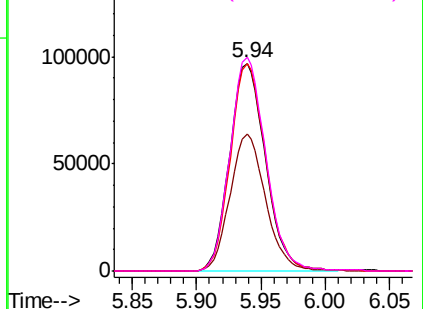


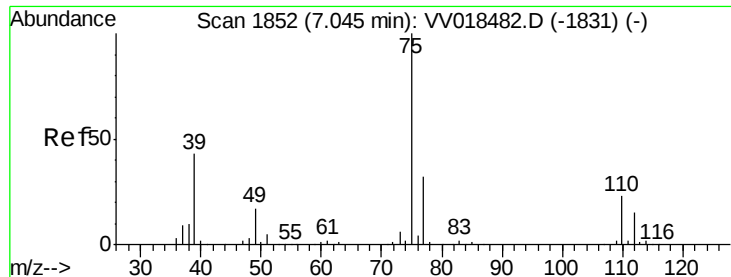
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

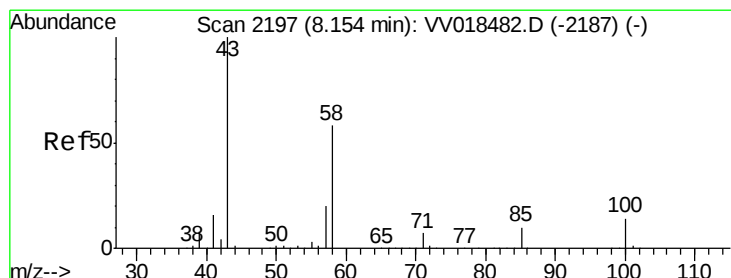
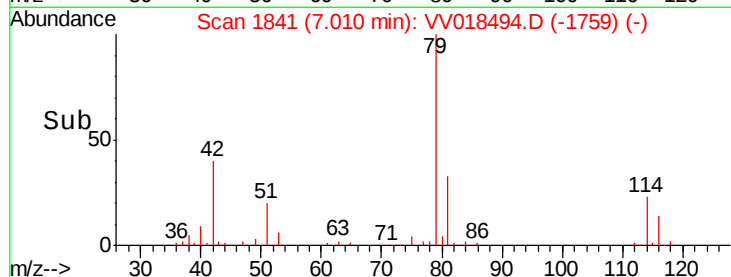
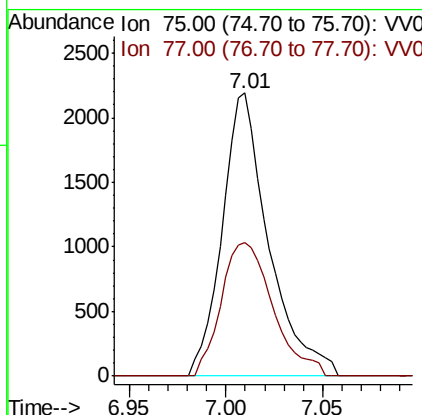
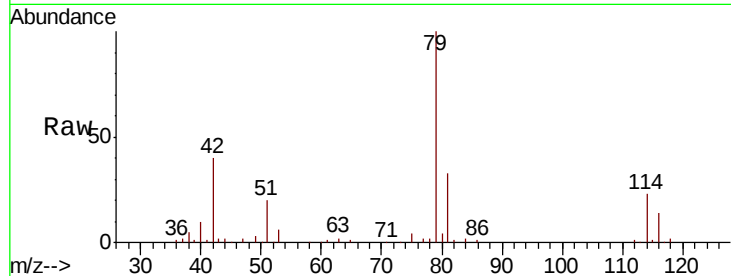




#39
 cis-1,3-Dichloropropene
 Concen: 0.962 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
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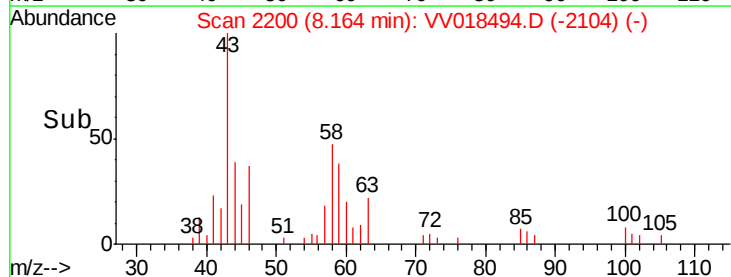
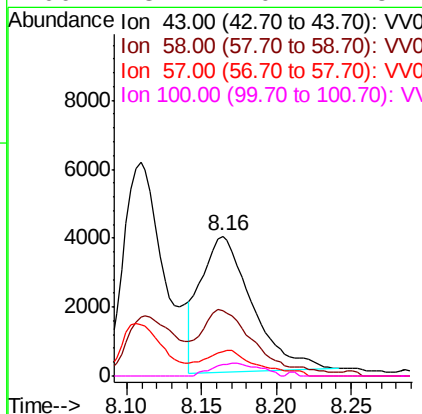
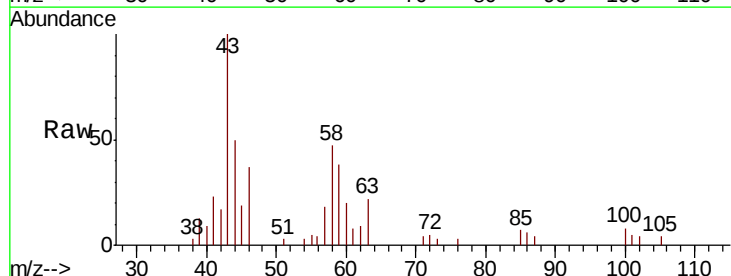
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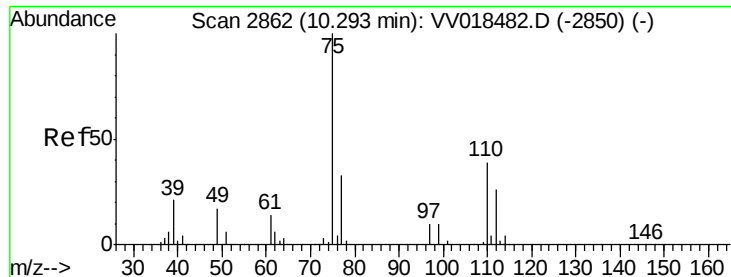
Tot Ion: 75 Resp: 3650
 Ion Ratio Lower Upper
 75 100
 77 47.2 22.3 41.3#



#48
 2-Hexanone
 Concen: 4.001 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018494.D
 Acq: 28 Sep 2020 15:19

Tgt Ion: 43 Resp: 9418
 Ion Ratio Lower Upper
 43 100
 58 39.2 44.8 67.2#
 57 13.2 15.8 23.6#
 100 8.7 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.353 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018494.D

Acq: 28 Sep 2020 15:19

Instrument :

MSVOA_V

ClientSampleId :

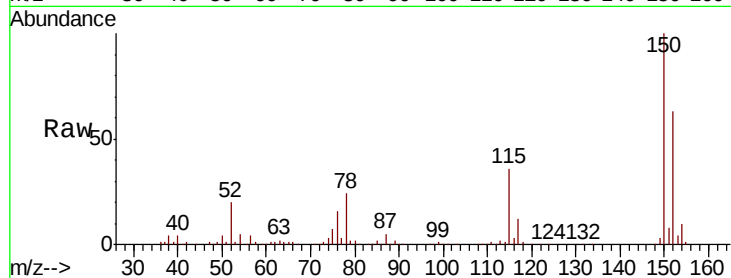
E0AA7DL

Tot Ion: 75 Resp: 18391

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

