

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100320\
 Data File : VV018654.D
 Acq On : 03 Oct 2020 14:59
 Operator : SY/MD
 Sample : L4237-12DL 4X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC7DL

Quant Time: Oct 05 04:57:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 05 04:50:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	309973	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309897	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148533	50.00	ug/L	0.00

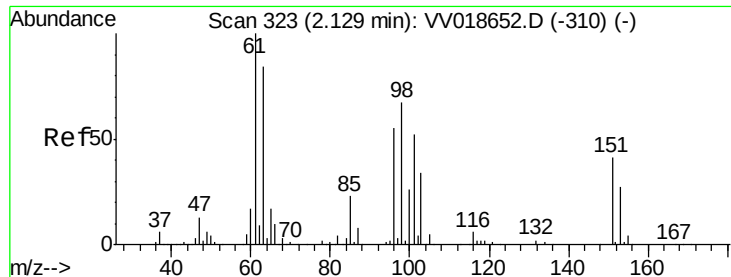
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84481	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.94%
7) Chloroethane-d5	1.58	69	77564	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.12	63	138618	37.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.84%
21) 2-Butanone-d5	3.91	46	108512	80.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.02%
24) Chloroform-d	4.37	84	168188	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.56%
26) 1,2-Dichloroethane-d4	5.05	65	113707	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
32) Benzene-d6	5.07	84	322084	41.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.06%
36) 1,2-Dichloropropane-d6	6.09	67	99164	41.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.62%
41) Toluene-d8	7.33	98	283824	38.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.86%#
43) trans-1,3-Dichloropropene-	7.64	79	49292	38.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.94%
47) 2-Hexanone-d5	8.11	63	56982	63.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	63.25%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	109162	34.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	69.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	125165	43.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.64%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1373	0.681 ug/L #	17
34) Trichloroethene	5.94	95	108772	41.153 ug/L	98
37) 1,2-Dichloropropane	5.92	63	1924	0.824 ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	3013	0.822 ug/L #	66
48) 2-Hexanone	8.16	43	10331	4.393 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	16267	5.725 ug/L #	86

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



#10

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

Concen: 0.681 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

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MSVOA_V

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E0AC7DL

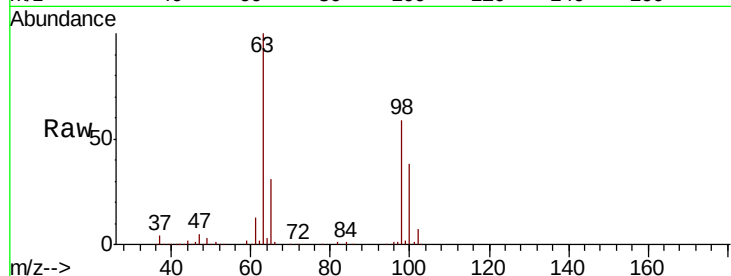
Tot Ion:101 Resp: 1373

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

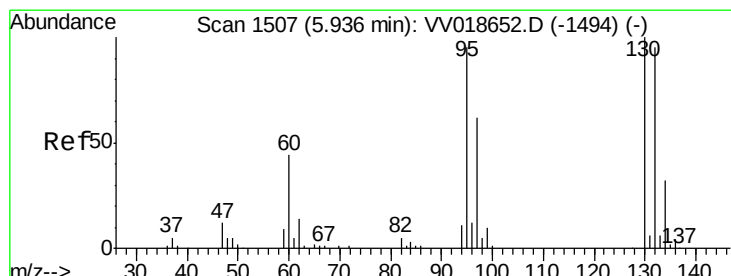
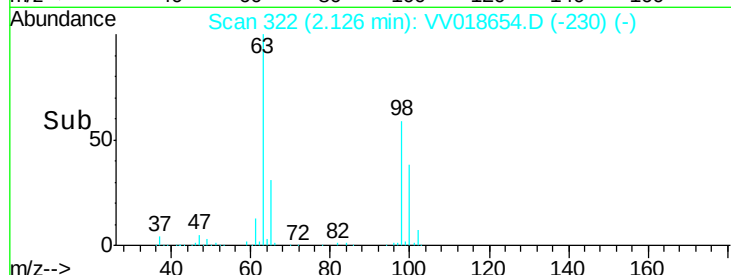
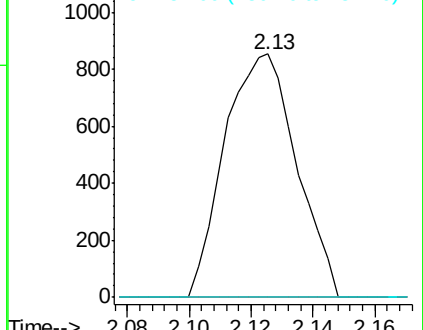
151 0.0 64.3 96.5#



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: 41.153 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 108772

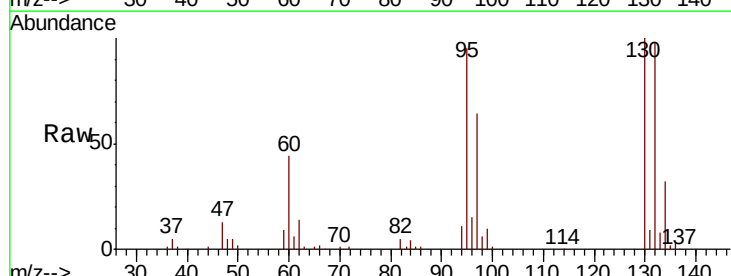
Ion Ratio Lower Upper

95 100

97 67.1 45.9 85.3

132 103.1 70.8 131.4

130 105.1 75.3 139.8

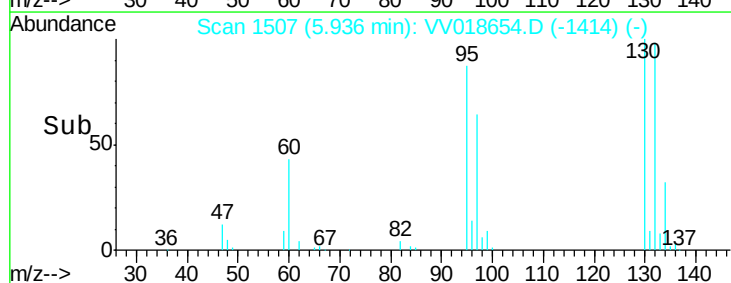
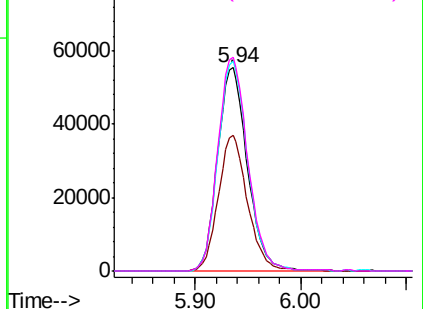


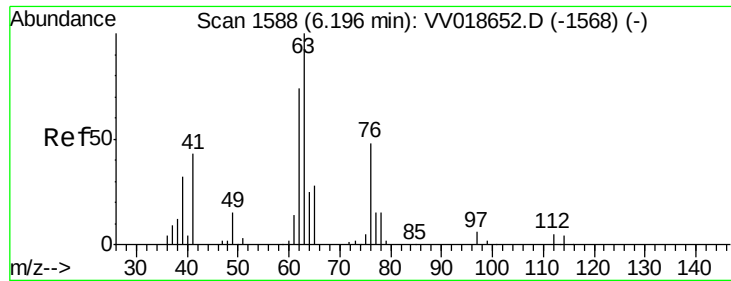
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

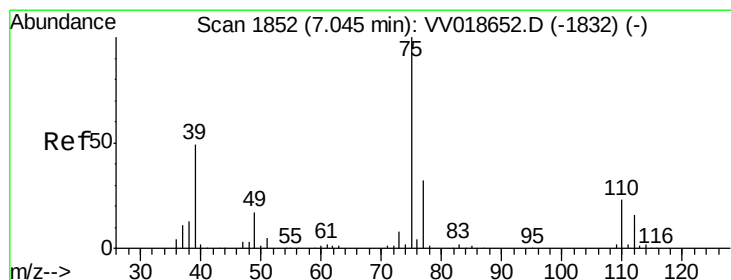
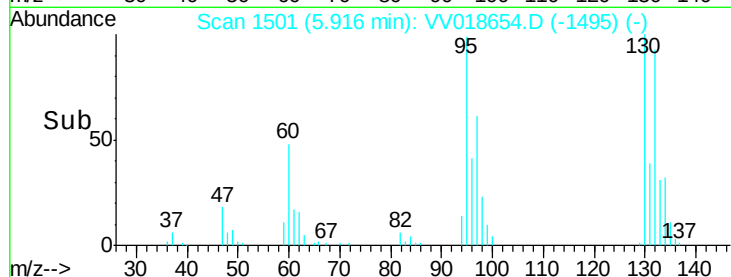
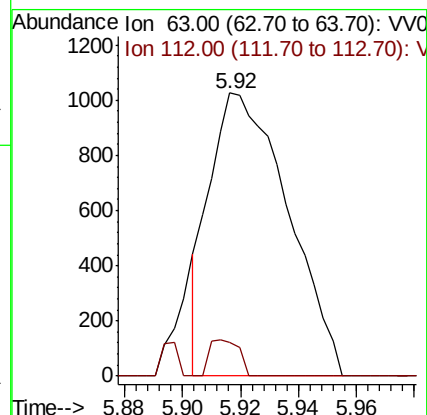
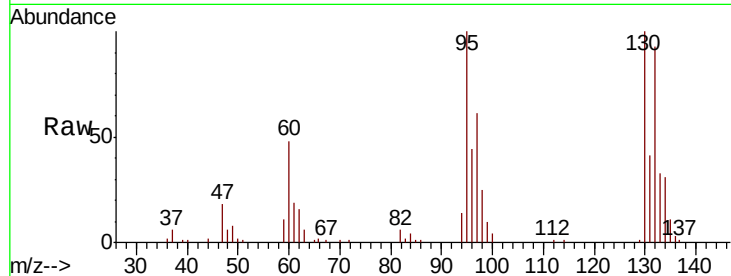




#37
 1,2-Dichloropropane
 Concen: 0.824 ug/L
 RT: 5.92 min Scan# 1501
 Delta R.T. -0.28 min
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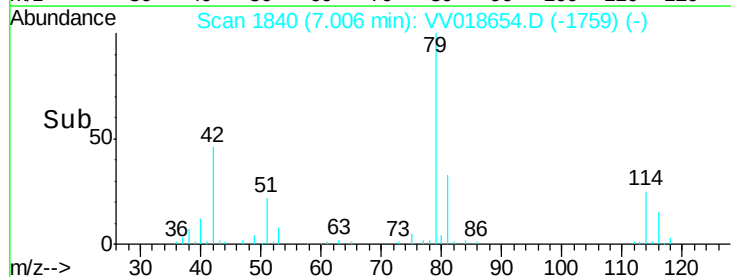
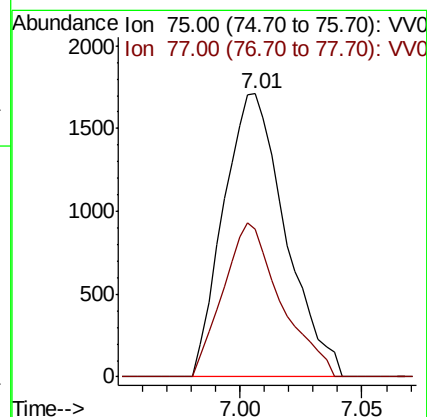
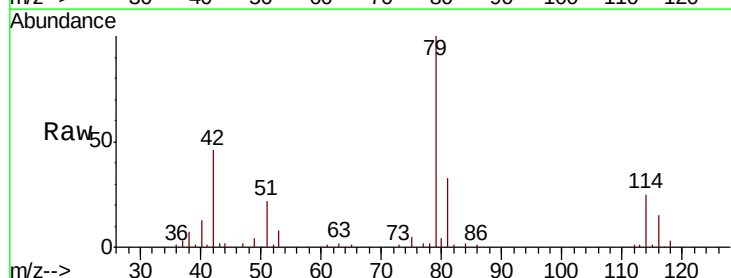
Instrument :
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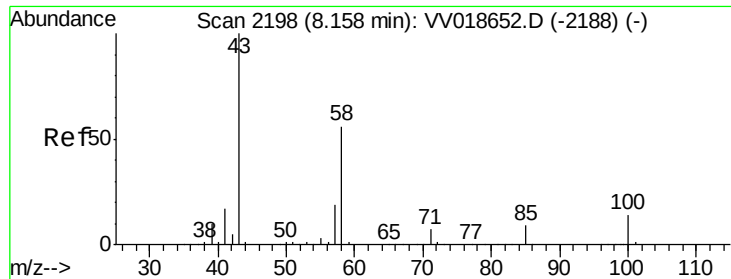
Tot Ion: 63 Resp: 1924
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.9 5.9



#39
 cis-1,3-Dichloropropene
 Concen: 0.822 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018654.D
 Acq: 03 Oct 2020 14:59

Tgt Ion: 75 Resp: 3013
 Ion Ratio Lower Upper
 75 100
 77 52.2 23.0 42.6#

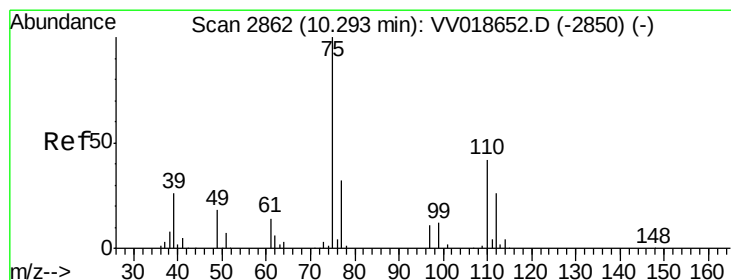
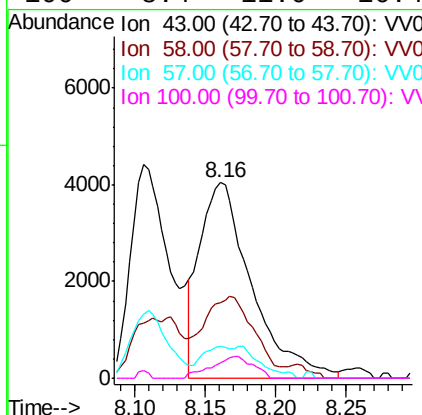
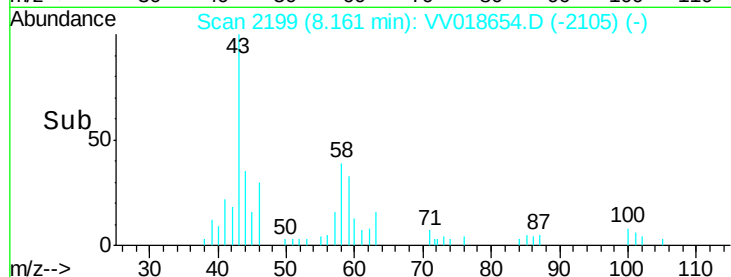
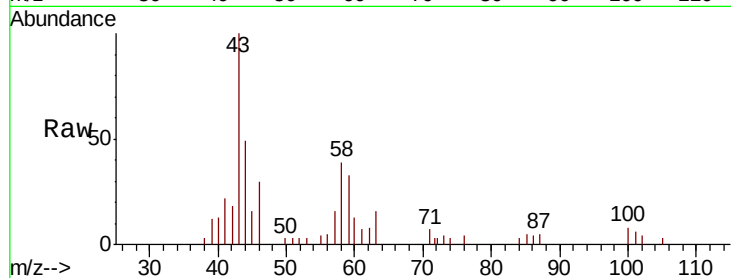




#48
2-Hexanone
Concen: 4.393 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018654.D
Acq: 03 Oct 2020 14:59

Instrument :
MSVOA_V
ClientSampleId :
E0AC7DL

Tot Ion: 43 Resp: 10331
Ion Ratio Lower Upper
43 100
58 29.4 45.1 67.7#
57 4.5 15.7 23.5#
100 8.4 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 5.725 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018654.D
Acq: 03 Oct 2020 14:59

Tgt Ion: 75 Resp: 16267
Ion Ratio Lower Upper
75 100
77 39.6 25.4 38.0#

