

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018637.D
 Acq On : 02 Oct 2020 19:58
 Operator : SY/MD
 Sample : L4237-12DL 4X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC7DL

Quant Time: Oct 03 02:11:00 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	319349	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	314900	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153157	50.00	ug/L	0.00

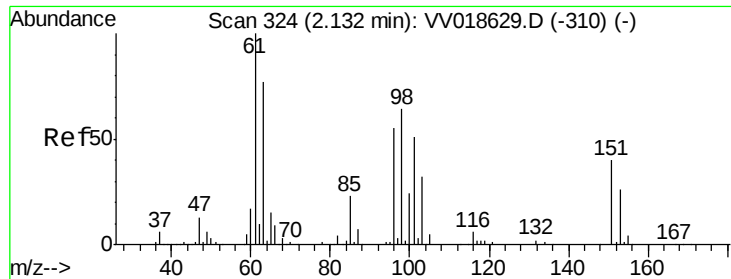
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78033	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.32%
7) Chloroethane-d5	1.58	69	73292	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.66%
11) 1,1-Dichloroethene-d2	2.12	63	137624	36.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.12%
21) 2-Butanone-d5	3.91	46	113702	81.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.39%
24) Chloroform-d	4.37	84	173344	42.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.06	65	117522	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
32) Benzene-d6	5.07	84	334582	41.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.90%
36) 1,2-Dichloropropane-d6	6.09	67	103563	42.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.94%
41) Toluene-d8	7.34	98	302938	40.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.74%
43) trans-1,3-Dichloropropene-	7.64	79	50617	38.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.76%
47) 2-Hexanone-d5	8.11	63	64650	70.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	119022	37.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	132405	44.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.90%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1398	0.673 ug/L #	17
34) Trichloroethene	5.94	95	45265	16.853 ug/L	97
35) Methylcyclohexane	6.09	83	26935	7.434 ug/L #	19
48) 2-Hexanone	8.16	43	8326	3.484 ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	17189	5.954 ug/L	91

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



#10

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

Concen: 0.673 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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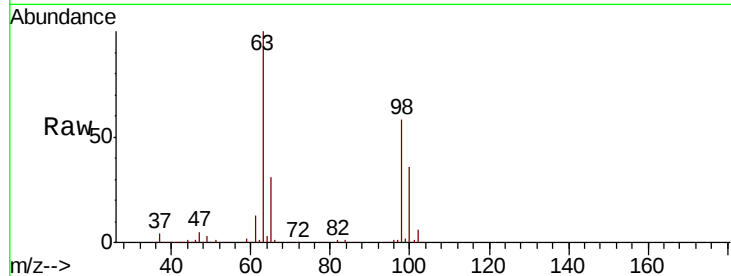
Tot Ion:101 Resp: 1398

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

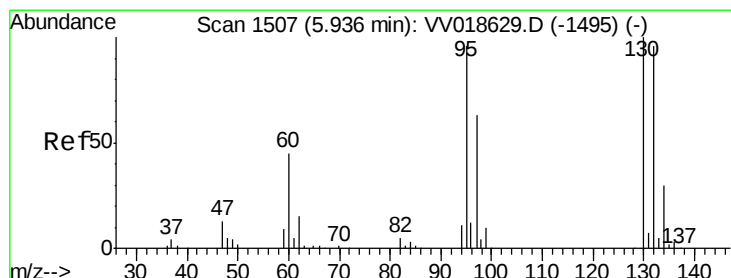
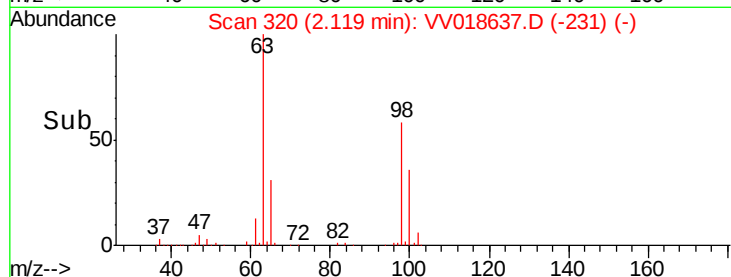
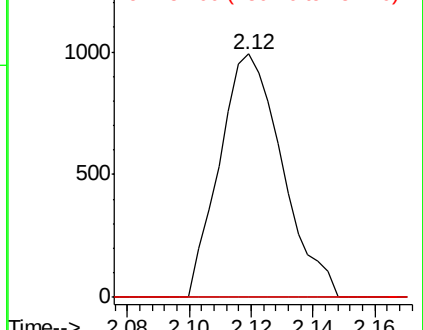
151 0.0 64.3 96.5#



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: 16.853 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 45265

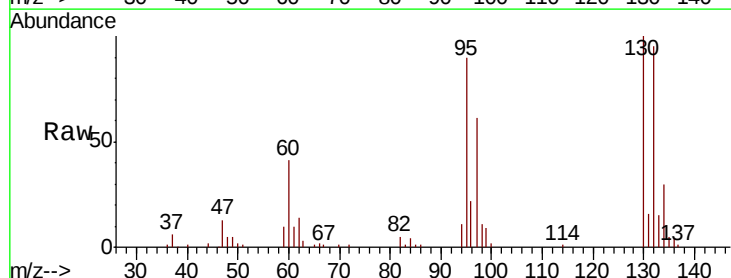
Ion Ratio Lower Upper

95 100

97 68.0 45.9 85.3

132 104.9 70.8 131.4

130 110.8 75.3 139.8

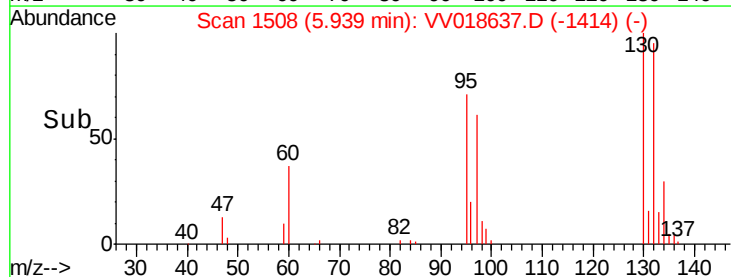
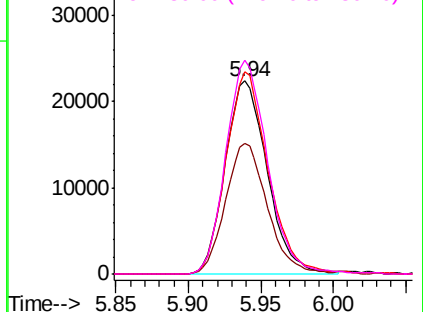


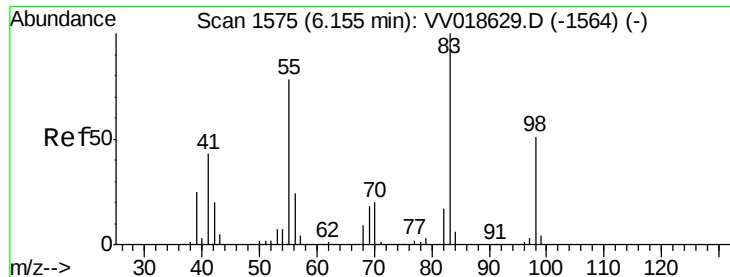
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

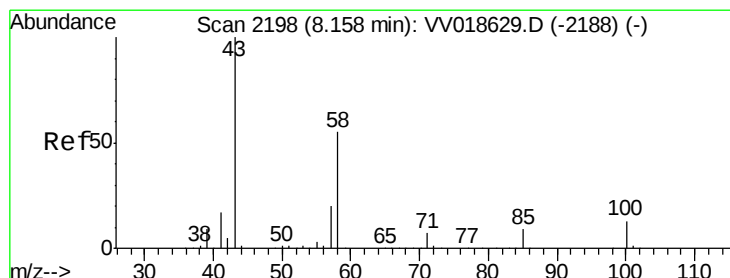
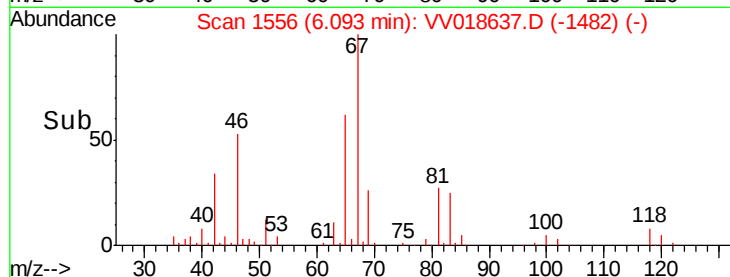
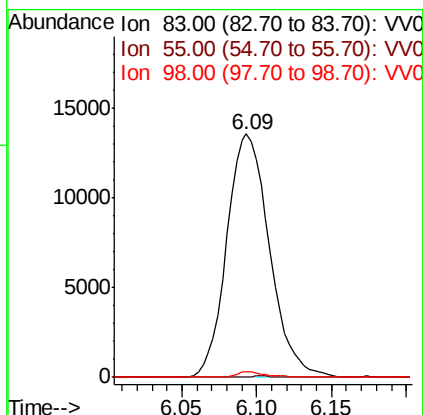
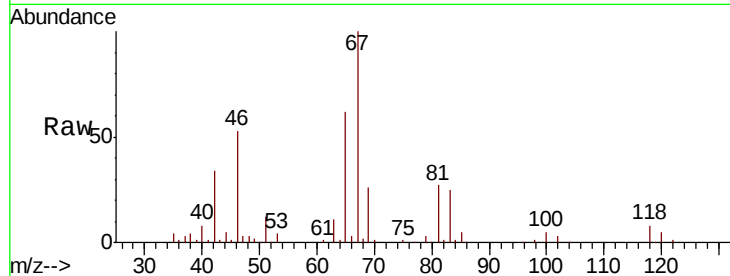




#35
Methylcyclohexane
Concen: 7.434 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
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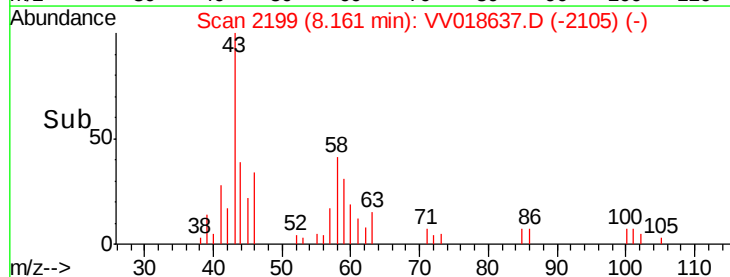
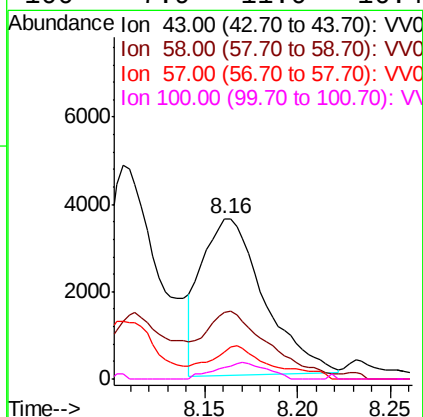
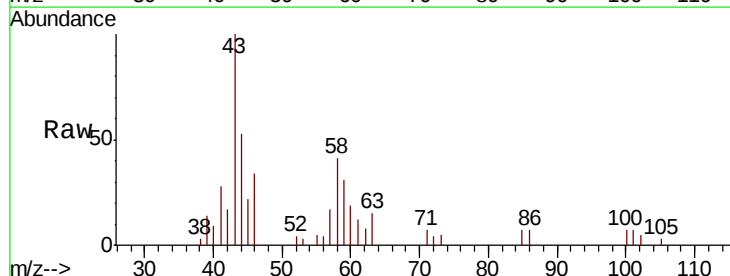
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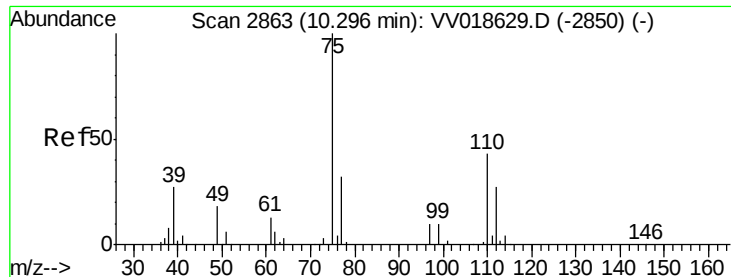
Tot Ion: 83 Resp: 26935
Ion Ratio Lower Upper
83 100
55 0.2 60.1 90.1#
98 1.5 40.2 60.4#



#48
2-Hexanone
Concen: 3.484 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018637.D
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Tgt Ion: 43 Resp: 8326
Ion Ratio Lower Upper
43 100
58 43.4 45.1 67.7#
57 11.7 15.7 23.5#
100 7.9 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 5.954 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018637.D

Acq: 02 Oct 2020 19:58

Instrument :

MSVOA_V

ClientSampleId :

E0AC7DL

Tot Ion: 75 Resp: 17189

Ion Ratio Lower Upper

75 100

77 36.5 25.4 38.0

