

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019706.D
 Acq On : 18 Dec 2020 17:44
 Operator : SY/MD
 Sample : L5131-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4H11

Quant Time: Dec 19 05:29:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 05:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	593570	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	551102	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	251562	50.00	ug/L	0.00

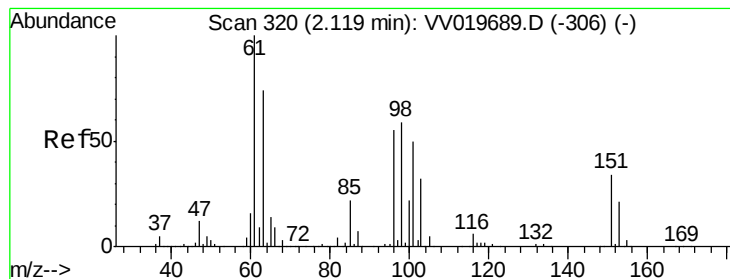
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	194840	45.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.56%
7) Chloroethane-d5	1.57	69	162129	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.11	63	288968	36.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.16%
21) 2-Butanone-d5	3.89	46	307273	132.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.82%#
24) Chloroform-d	4.35	84	370215	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	5.04	65	257314	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.66%
32) Benzene-d6	5.05	84	743713	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.07	67	238595	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.64%
41) Toluene-d8	7.32	98	650406	49.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.30%
43) trans-1,3-Dichloropropene-	7.62	79	116281	44.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.80%
47) 2-Hexanone-d5	8.09	63	200417	110.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.91%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	293006	47.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.10%
64) 1,2-Dichlorobenzene-d4	11.63	152	241568	51.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.74%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2452	0.712 ug/L #	23
13) Acetone	2.18	43	6215	3.153 ug/L	97
27) 1,2-Dichloroethane	5.05	62	4898	0.788 ug/L	100
35) Methylcyclohexane	6.07	83	56454	8.734 ug/L #	17
39) cis-1,3-Dichloropropene	6.99	75	7564	1.083 ug/L #	58
59) 1,2,3-Trichloropropane	11.25	75	36694	7.014 ug/L	93

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



#10

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

Concen: 0.712 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

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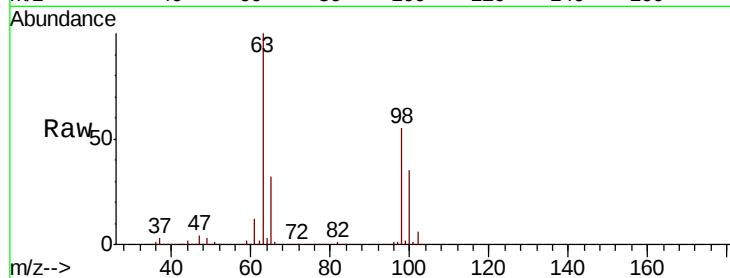
Tot Ion:101 Resp: 2452

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

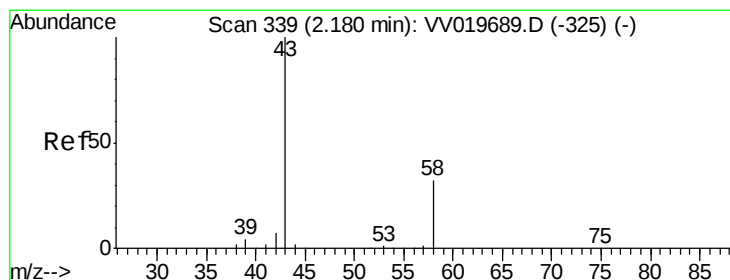
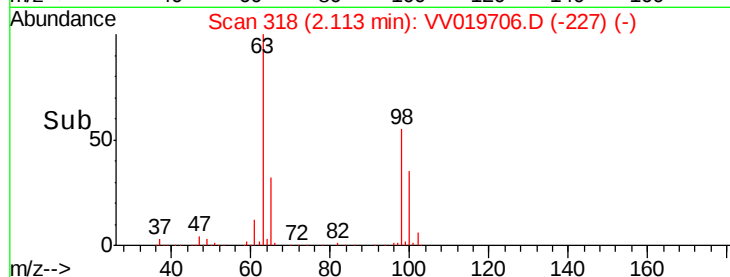
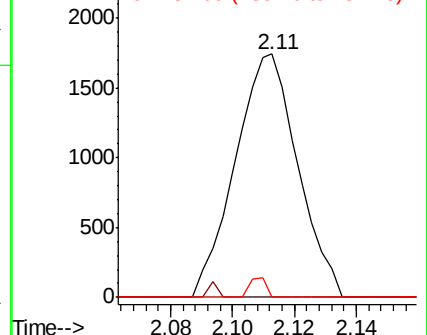
151 2.2 55.8 83.8#



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



#13

Acetone

Concen: 3.153 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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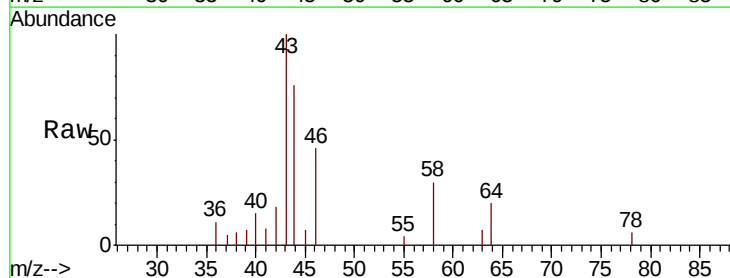
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Tgt Ion: 43 Resp: 6215

Ion Ratio Lower Upper

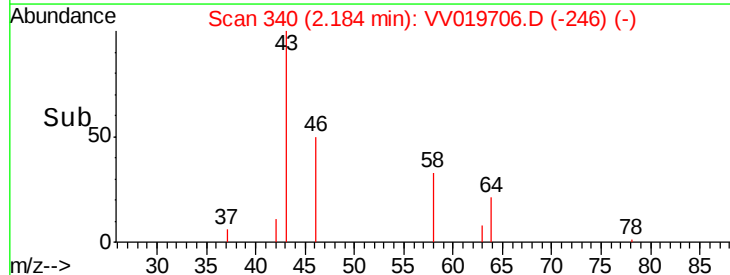
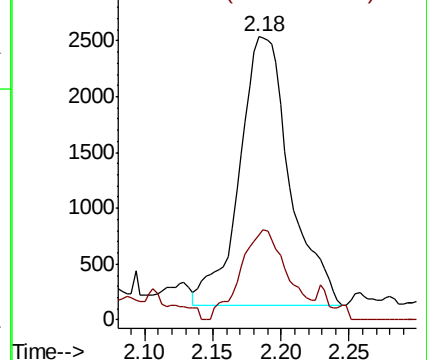
43 100

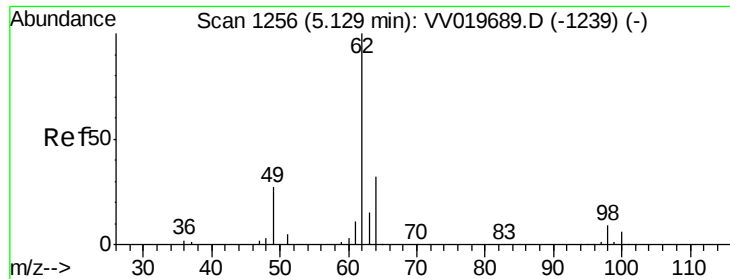
58 29.4 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

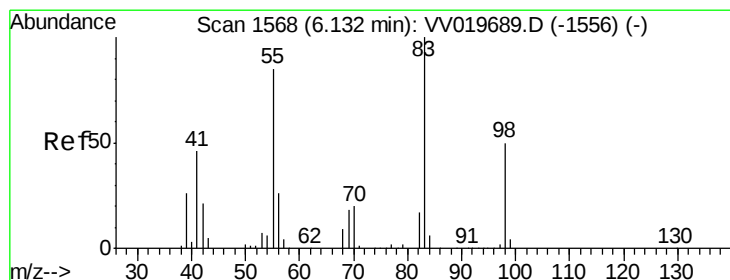
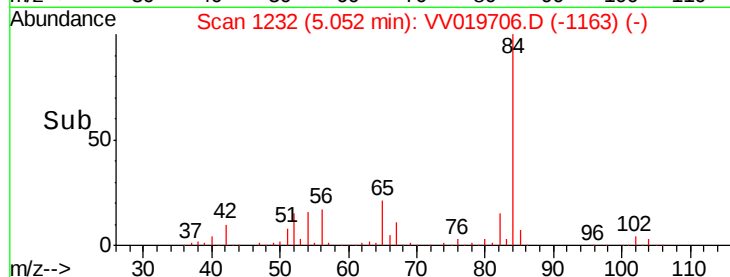
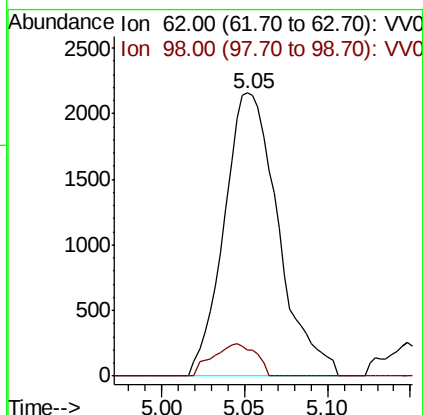
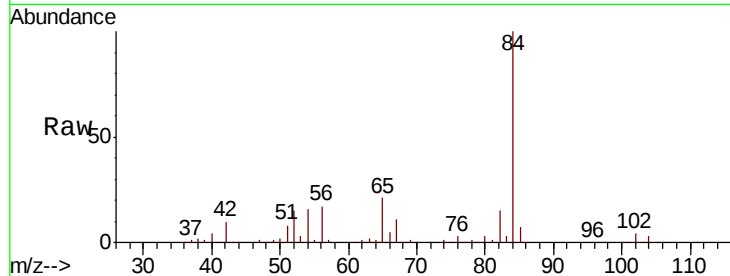




#27
 1,2-Dichloroethane
 Concen: 0.788 ug/L
 RT: 5.05 min Scan# 1232
 Delta R.T. -0.08 min
 Lab File: VV019706.D
 Acq: 18 Dec 2020 17:44

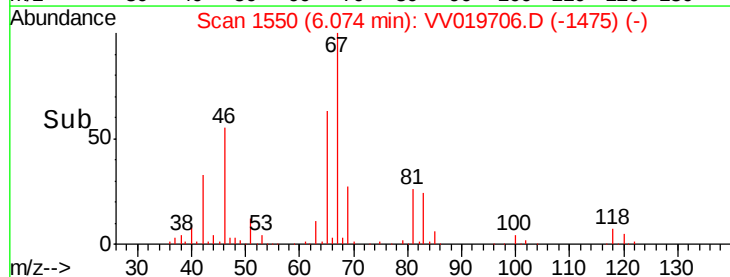
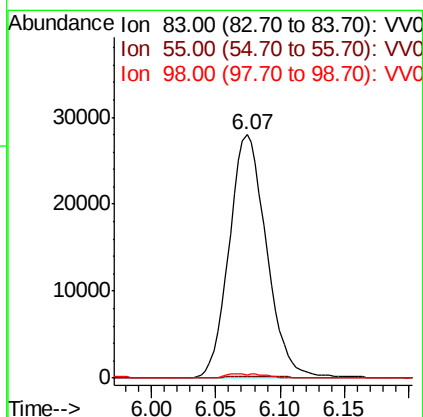
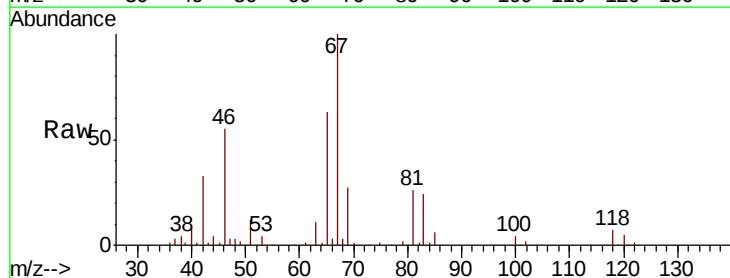
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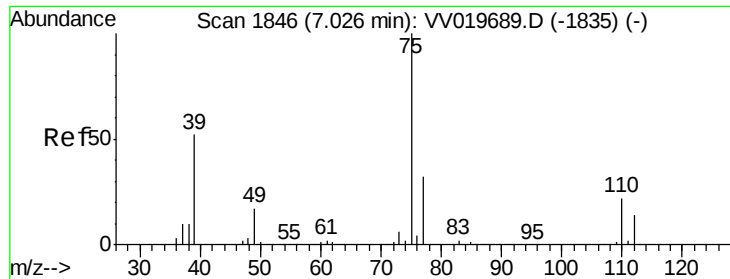
Tot Ion: 62 Resp: 4898
 Ion Ratio Lower Upper
 62 100
 98 9.4 7.4 11.0



#35
 Methylcyclohexane
 Concen: 8.734 ug/L
 RT: 6.07 min Scan# 1550
 Delta R.T. -0.06 min
 Lab File: VV019706.D
 Acq: 18 Dec 2020 17:44

Tgt Ion: 83 Resp: 56454
 Ion Ratio Lower Upper
 83 100
 55 0.3 64.2 96.4#
 98 1.0 39.3 58.9#



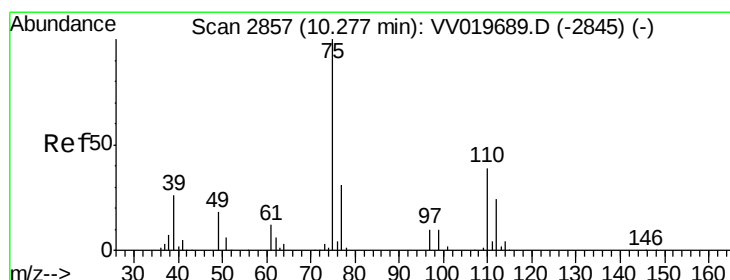
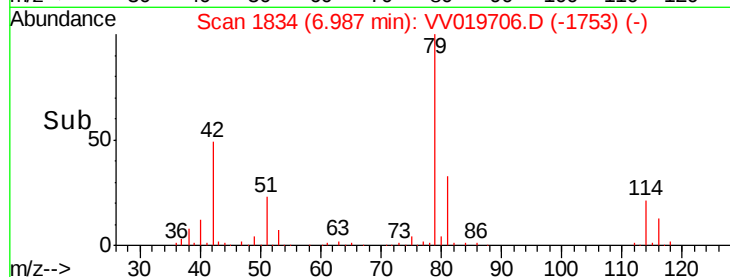
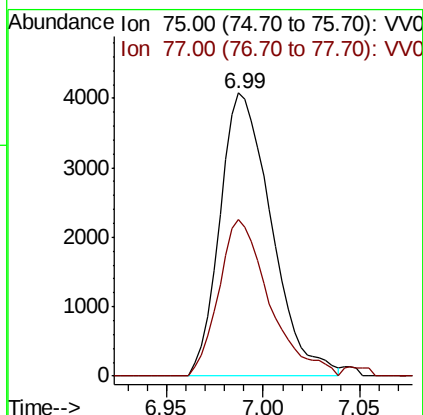
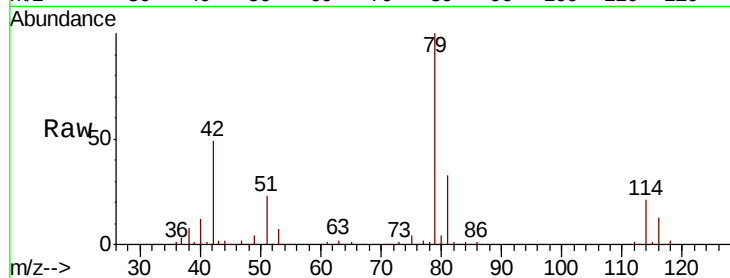


#39

cis-1,3-Dichloropropene
 Concen: 1.083 ug/L
 RT: 6.99 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: VV019706.D
 Acq: 18 Dec 2020 17:44

Instrument :
 MSVOA_V
 ClientSampleId :
 F4H11

Tot Ion: 75 Resp: 7564
 Ion Ratio Lower Upper
 75 100
 77 55.3 22.4 41.6#



#59

1,2,3-Trichloropropane
 Concen: 7.014 ug/L
 RT: 11.25 min Scan# 3161
 Delta R.T. 0.98 min
 Lab File: VV019706.D
 Acq: 18 Dec 2020 17:44

Tgt Ion: 75 Resp: 36694
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.8 38.8

