

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019696.D
 Acq On : 18 Dec 2020 13:44
 Operator : SY/MD
 Sample : L5151-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE9

Quant Time: Dec 19 05:28:13 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	546735	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	510304	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	237184	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	185021	47.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.38%
7) Chloroethane-d5	1.57	69	155834	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.11	63	271471	37.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.62%
21) 2-Butanone-d5	3.90	46	277293	130.13	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.13%#
24) Chloroform-d	4.35	84	346720	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
26) 1,2-Dichloroethane-d4	5.04	65	240365	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.10%
32) Benzene-d6	5.05	84	702699	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.26%
36) 1,2-Dichloropropane-d6	6.07	67	225216	52.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.64%
41) Toluene-d8	7.32	98	613396	50.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.12%
43) trans-1,3-Dichloropropene-	7.62	79	105891	43.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.34%
47) 2-Hexanone-d5	8.09	63	185145	110.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.65%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	272254	47.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.42%
64) 1,2-Dichlorobenzene-d4	11.63	152	227093	51.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.44%

Target Compounds

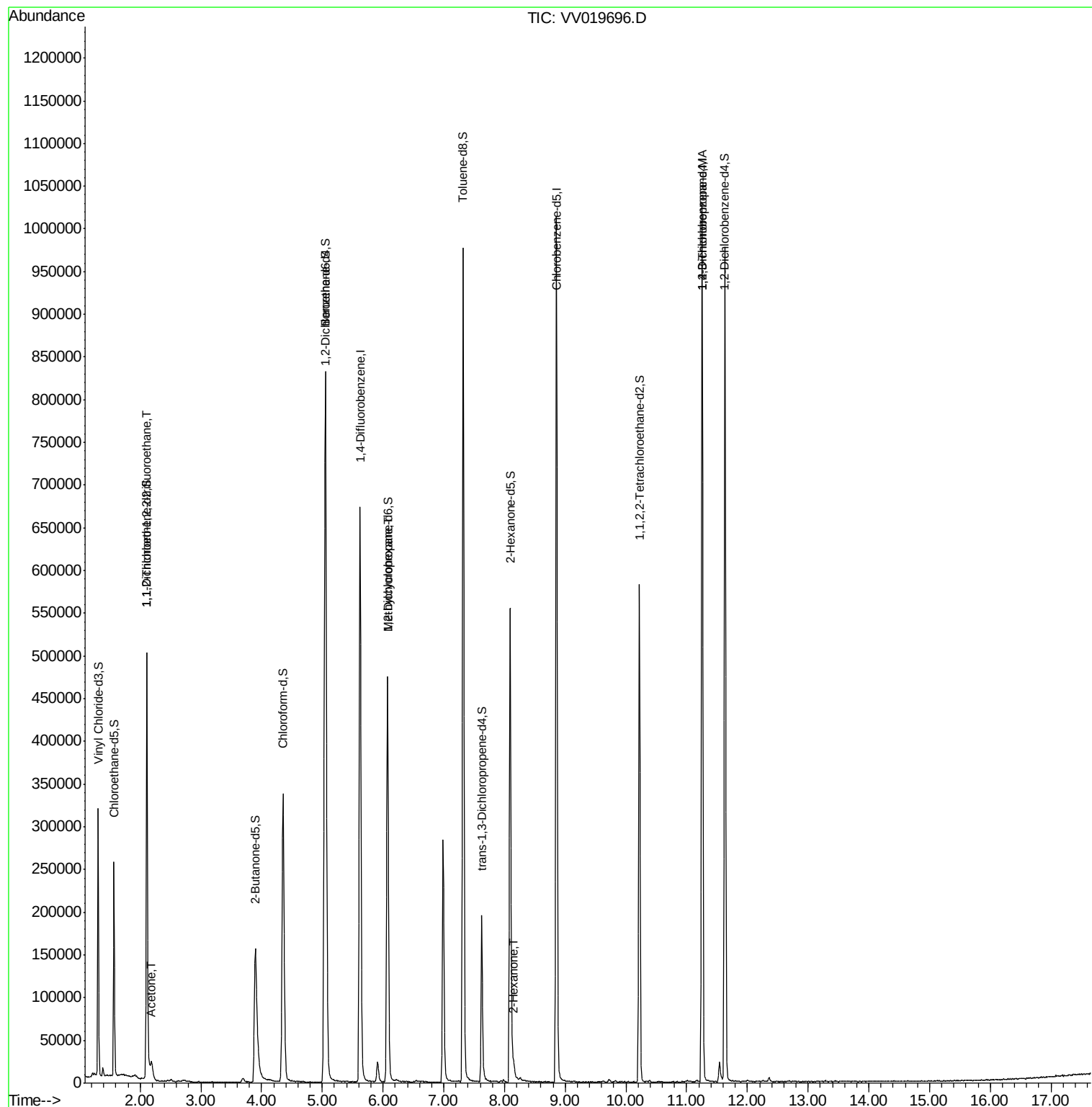
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2598	0.819 ug/L #	22
13) Acetone	2.19	43	32976	18.165 ug/L	99
35) Methylcyclohexane	6.07	83	54424	9.093 ug/L #	18
48) 2-Hexanone	8.15	43	7108	1.667 ug/L #	87
59) 1,2,3-Trichloropropane	11.25	75	31767	6.557 ug/L	90

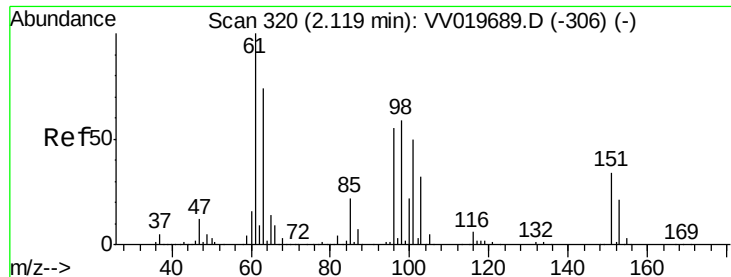
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.819 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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C0AE9

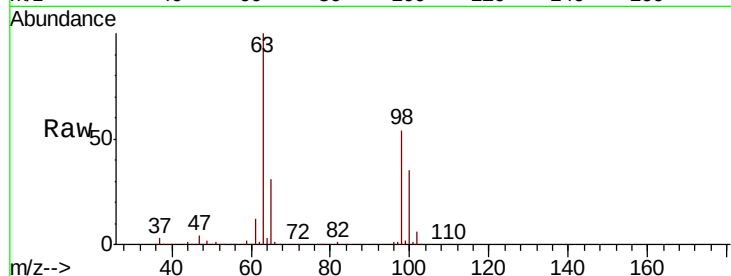
Tot Ion:101 Resp: 2598

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

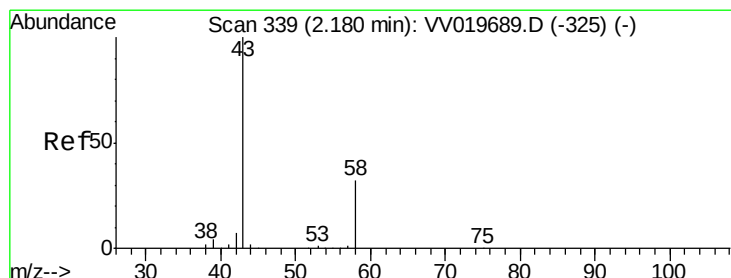
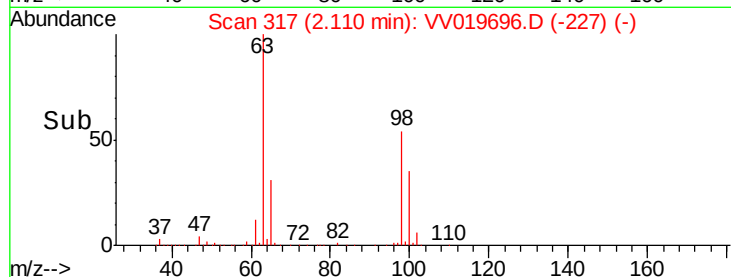
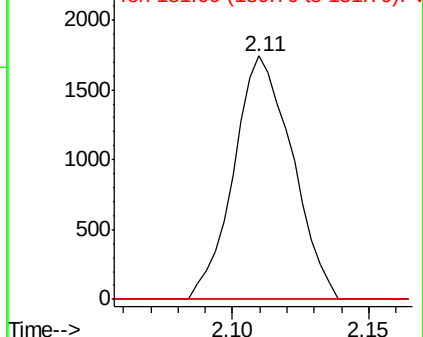
151 0.0 55.8 83.8#



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: 18.165 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV019696.D

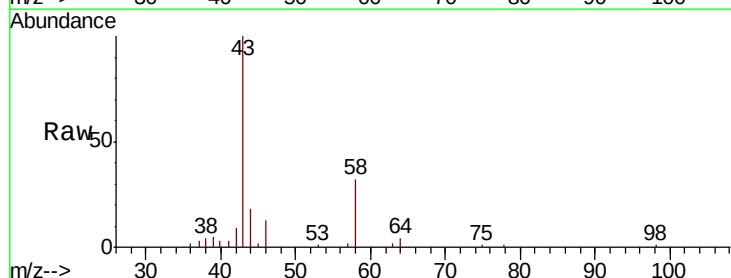
Acq: 18 Dec 2020 13:44

Tgt Ion: 43 Resp: 32976

Ion Ratio Lower Upper

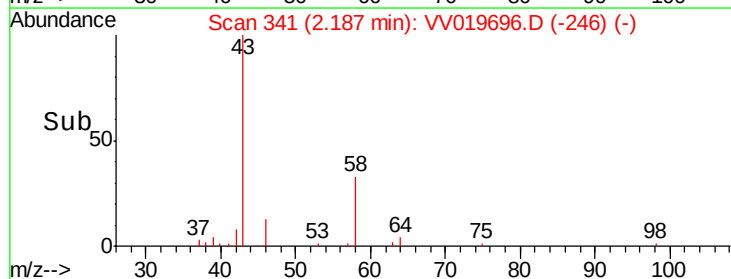
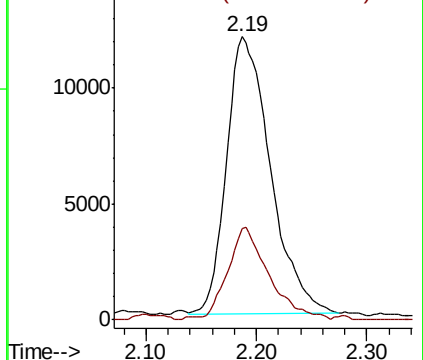
43 100

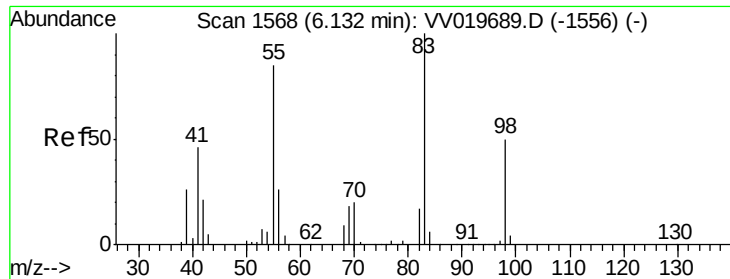
58 31.4 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

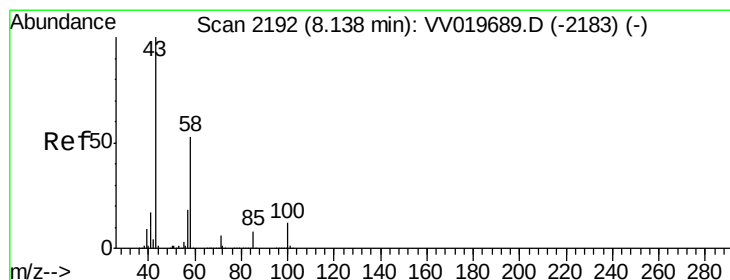
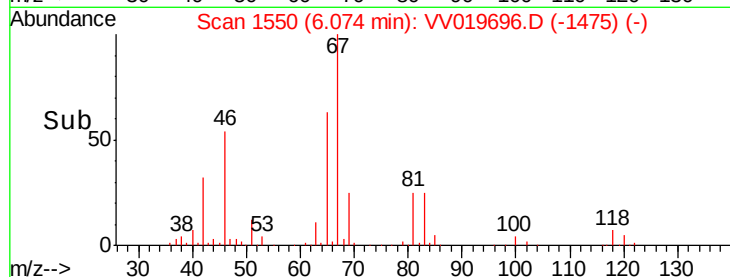
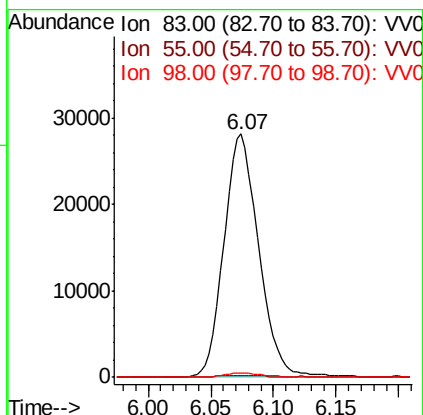
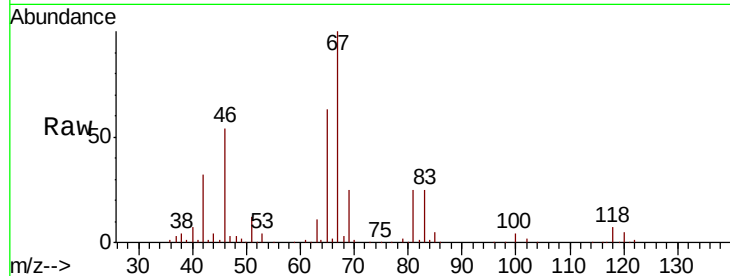




#35
Methylvlcyclohexane
Concen: 9.093 ug/L
RT: 6.07 min Scan# 1550
Delta R.T. -0.06 min
Lab File: VV019696.D
Acq: 18 Dec 2020 13:44

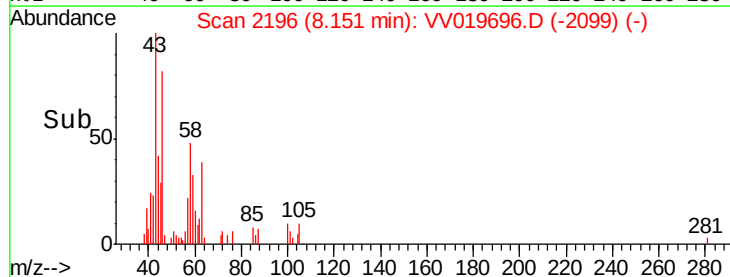
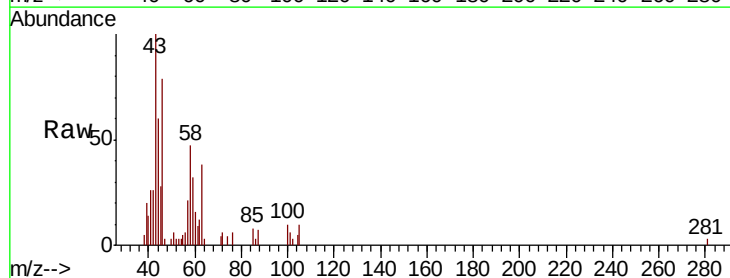
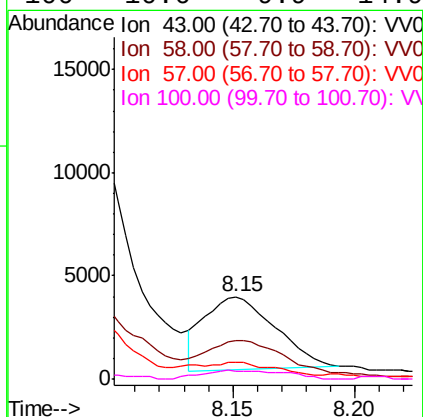
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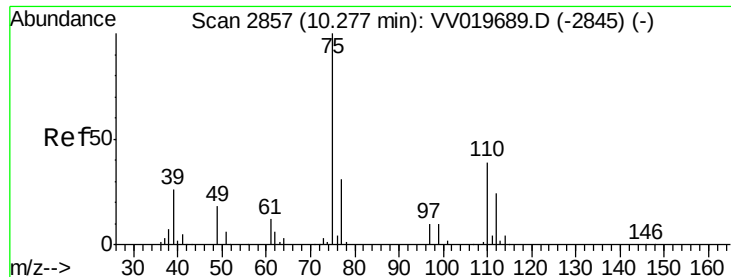
Tot Ion: 83 Resp: 54424
Ion Ratio Lower Upper
83 100
55 0.2 64.2 96.4#
98 1.9 39.3 58.9#



#48
2-Hexanone
Concen: 1.667 ug/L
RT: 8.15 min Scan# 2196
Delta R.T. 0.01 min
Lab File: VV019696.D
Acq: 18 Dec 2020 13:44

Tgt Ion: 43 Resp: 7108
Ion Ratio Lower Upper
43 100
58 50.7 44.4 66.6
57 3.4 15.7 23.5#
100 10.6 9.9 14.9





#59

1,2,3-Trichloropropane

Concen: 6.557 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019696.D

Acq: 18 Dec 2020 13:44

Instrument :

MSVOA_V

ClientSampleId :

C0AE9

Tot Ion: 75 Resp: 31767

Ion Ratio Lower Upper

75 100

77 37.8 25.8 38.8

