

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019751.D
 Acq On : 19 Dec 2020 22:00
 Operator : SY/MD
 Sample : L5131-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4H03

Quant Time: Dec 21 06:24:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 06:23:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	731042	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	690518	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	309339	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	237493	45.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.60%
7) Chloroethane-d5	1.57	69	193434	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.58%
11) 1,1-Dichloroethene-d2	2.11	63	347678	35.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.46%
21) 2-Butanone-d5	3.89	46	339639	119.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.20%
24) Chloroform-d	4.35	84	441303	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
26) 1,2-Dichloroethane-d4	5.04	65	310859	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.70%
32) Benzene-d6	5.05	84	887450	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
36) 1,2-Dichloropropane-d6	6.07	67	283286	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.20%
41) Toluene-d8	7.32	98	773665	46.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.32%
43) trans-1,3-Dichloropropene-	7.62	79	132435	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.72%
47) 2-Hexanone-d5	8.09	63	208176	91.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.94%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	337531	43.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.52%
64) 1,2-Dichlorobenzene-d4	11.63	152	283958	49.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.22%

Target Compounds

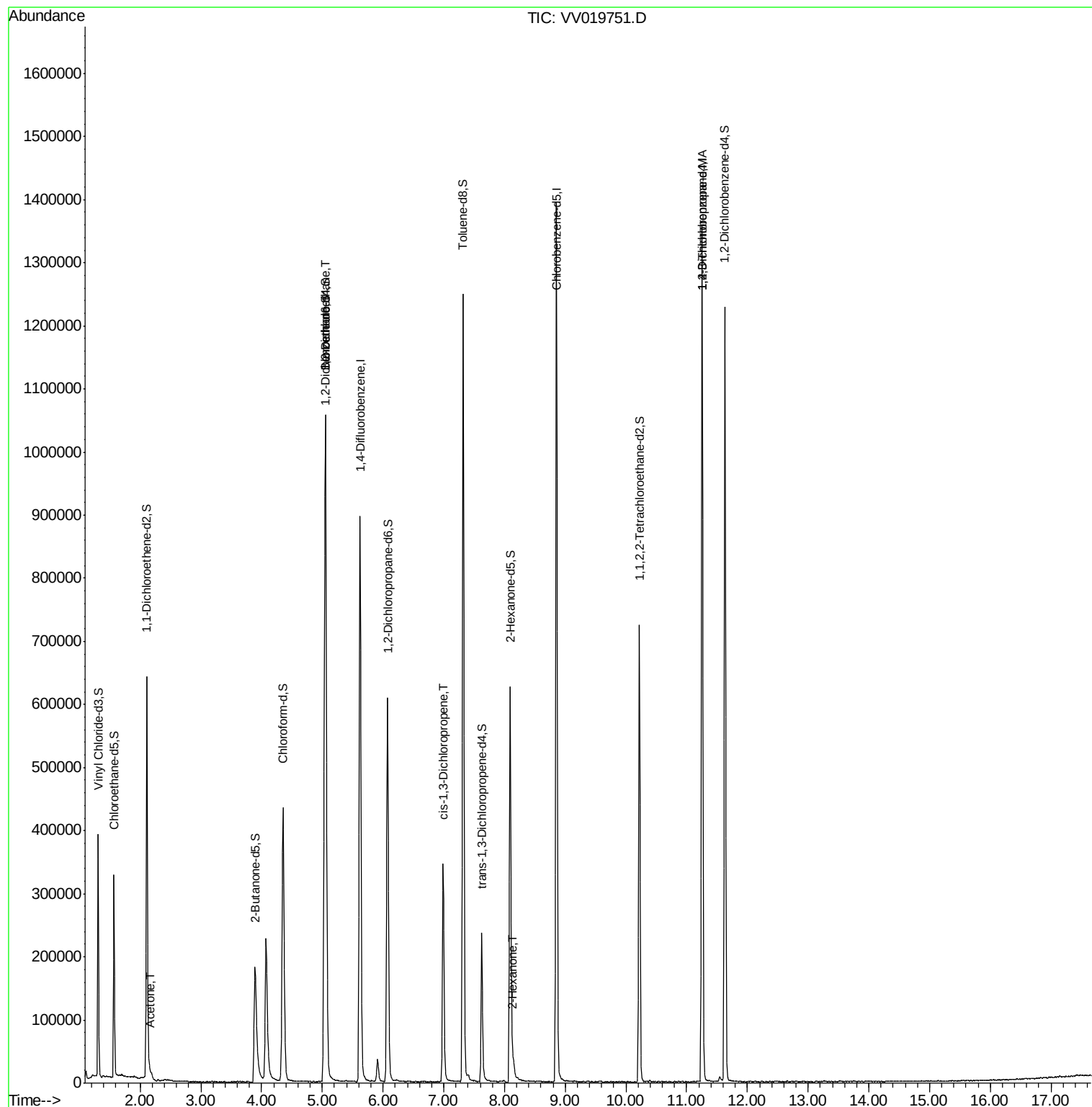
					Ovalue
13) Acetone	2.18	43	12155	5.008 ug/L	95
27) 1,2-Dichloroethane	5.05	62	5643	0.737 ug/L	100
39) cis-1,3-Dichloropropene	6.99	75	8733	0.998 ug/L #	58
48) 2-Hexanone	8.15	43	14834	2.571 ug/L #	51
59) 1,2,3-Trichloropropane	11.25	75	44537	6.794 ug/L	91

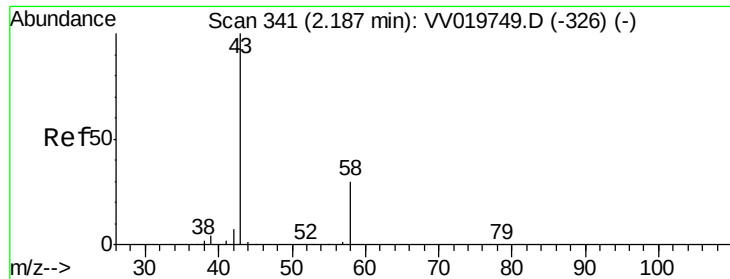
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.008 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV019751.D

Acq: 19 Dec 2020 22:00

Instrument :

MSVOA_V

ClientSampleId :

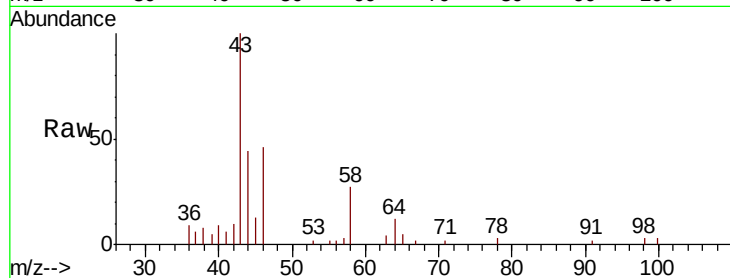
F4H03

Tot Ion: 43 Resp: 12155

Ion Ratio Lower Upper

43 100

58 33.3 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

5000

4000

3000

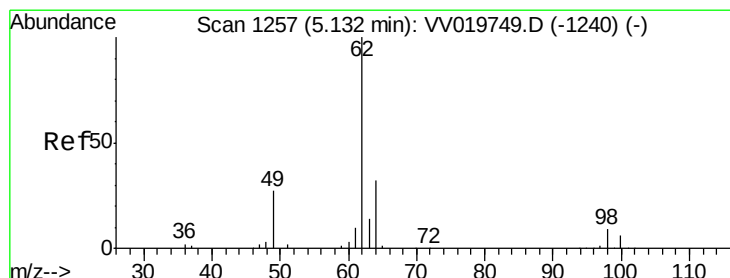
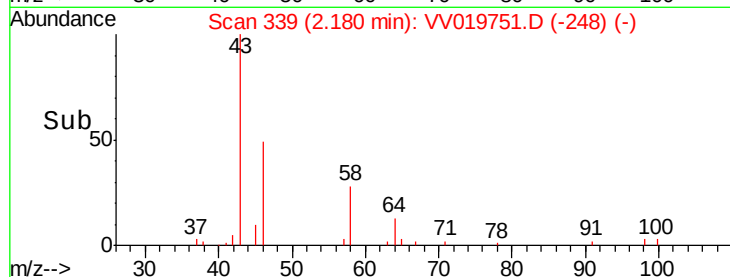
2000

1000

0

Time-->

2.10 2.15 2.20 2.25



#27

1,2-Dichloroethane

Concen: 0.737 ug/L

RT: 5.05 min Scan# 1232

Delta R.T. -0.08 min

Lab File: VV019751.D

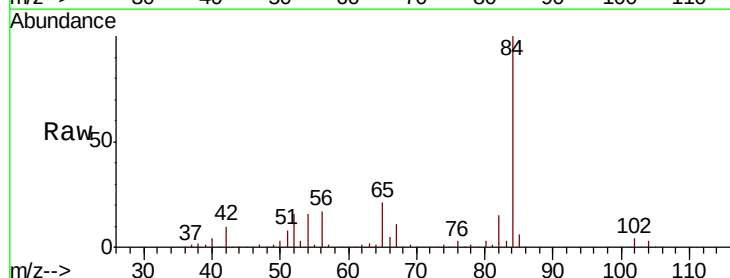
Acq: 19 Dec 2020 22:00

Tgt Ion: 62 Resp: 5643

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

5.05

2500

2000

1500

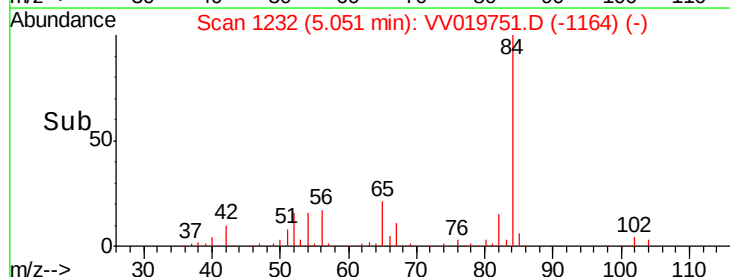
1000

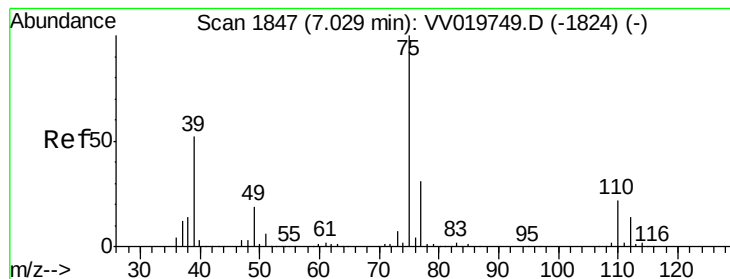
500

0

Time-->

5.00 5.05 5.10



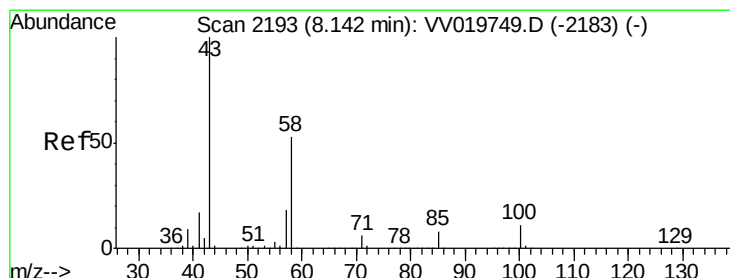
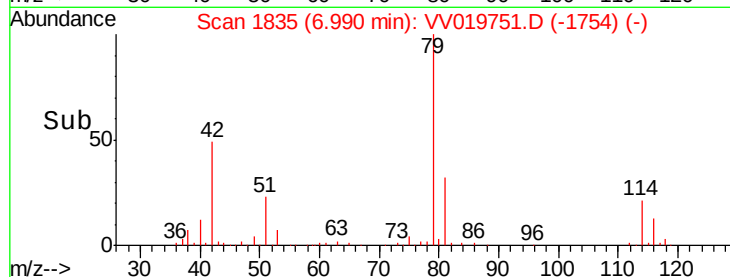
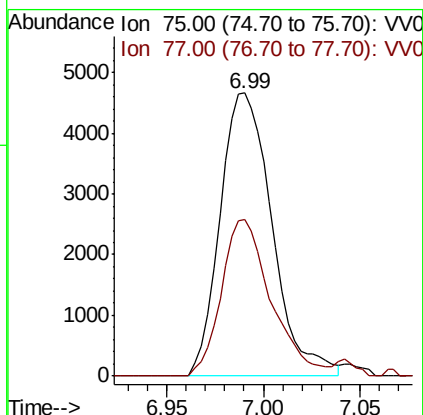
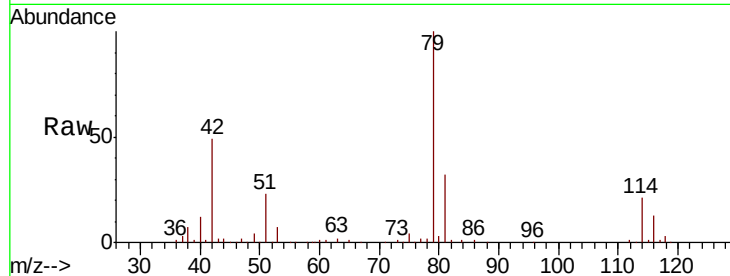


#39

cis-1,3-Dichloropropene
Concen: 0.998 ug/L
RT: 6.99 min Scan# 1835
Delta R.T. -0.04 min
Lab File: VV019751.D
Acq: 19 Dec 2020 22:00

Instrument :
MSVOA_V
ClientSampled :
F4H03

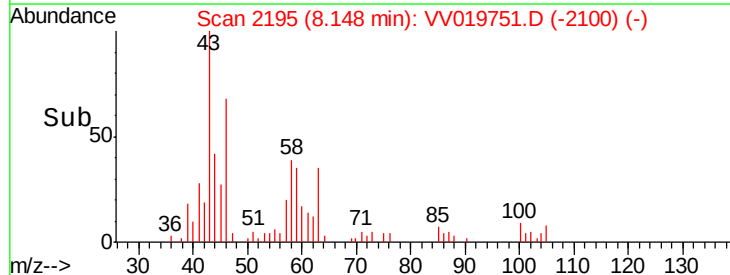
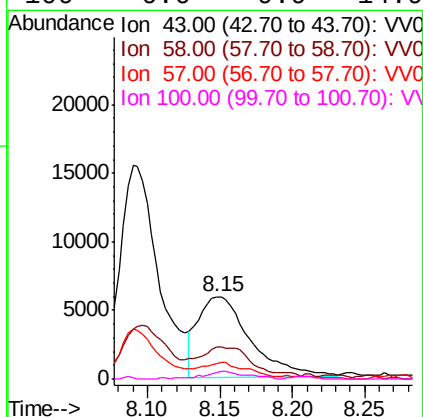
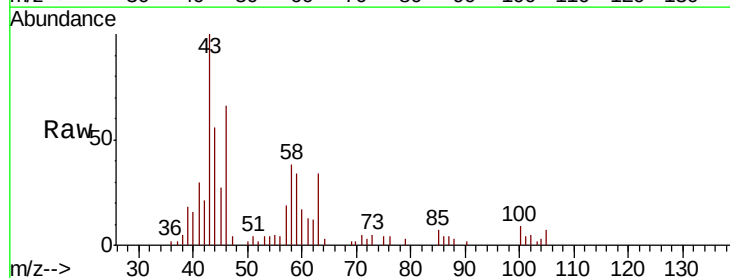
Tot Ion: 75 Resp: 8733
Ion Ratio Lower Upper
75 100
77 55.3 22.4 41.6#

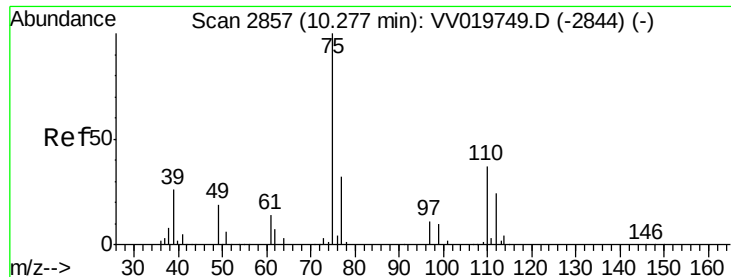


#48

2-Hexanone
Concen: 2.571 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. 0.01 min
Lab File: VV019751.D
Acq: 19 Dec 2020 22:00

Tgt Ion: 43 Resp: 14834
Ion Ratio Lower Upper
43 100
58 5.0 44.4 66.6#
57 13.5 15.7 23.5#
100 6.6 9.9 14.9#





#59

1,2,3-Trichloropropane

Concen: 6.794 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019751.D

Acq: 19 Dec 2020 22:00

Instrument :

MSVOA_V

ClientSampleId :

F4H03

Tot Ion: 75 Resp: 44537

Ion Ratio Lower Upper

75 100

77 37.6 25.8 38.8

