

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019754.D
 Acq On : 19 Dec 2020 23:12
 Operator : SY/MD
 Sample : L5131-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4H06

Quant Time: Dec 21 06:25:29 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	696524	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	649365	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	291933	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	233845	46.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.64%
7) Chloroethane-d5	1.57	69	196362	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.70%
11) 1,1-Dichloroethene-d2	2.11	63	350137	37.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.54%
21) 2-Butanone-d5	3.89	46	347341	127.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.95%
24) Chloroform-d	4.35	84	442570	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
26) 1,2-Dichloroethane-d4	5.04	65	311745	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.98%
32) Benzene-d6	5.05	84	890853	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.88%
36) 1,2-Dichloropropane-d6	6.07	67	284668	52.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.94%
41) Toluene-d8	7.32	98	780620	50.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.12%
43) trans-1,3-Dichloropropene-	7.62	79	130507	42.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.58%
47) 2-Hexanone-d5	8.09	63	207433	97.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.42%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	340621	46.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.84%
64) 1,2-Dichlorobenzene-d4	11.63	152	280004	51.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.62%

Target Compounds

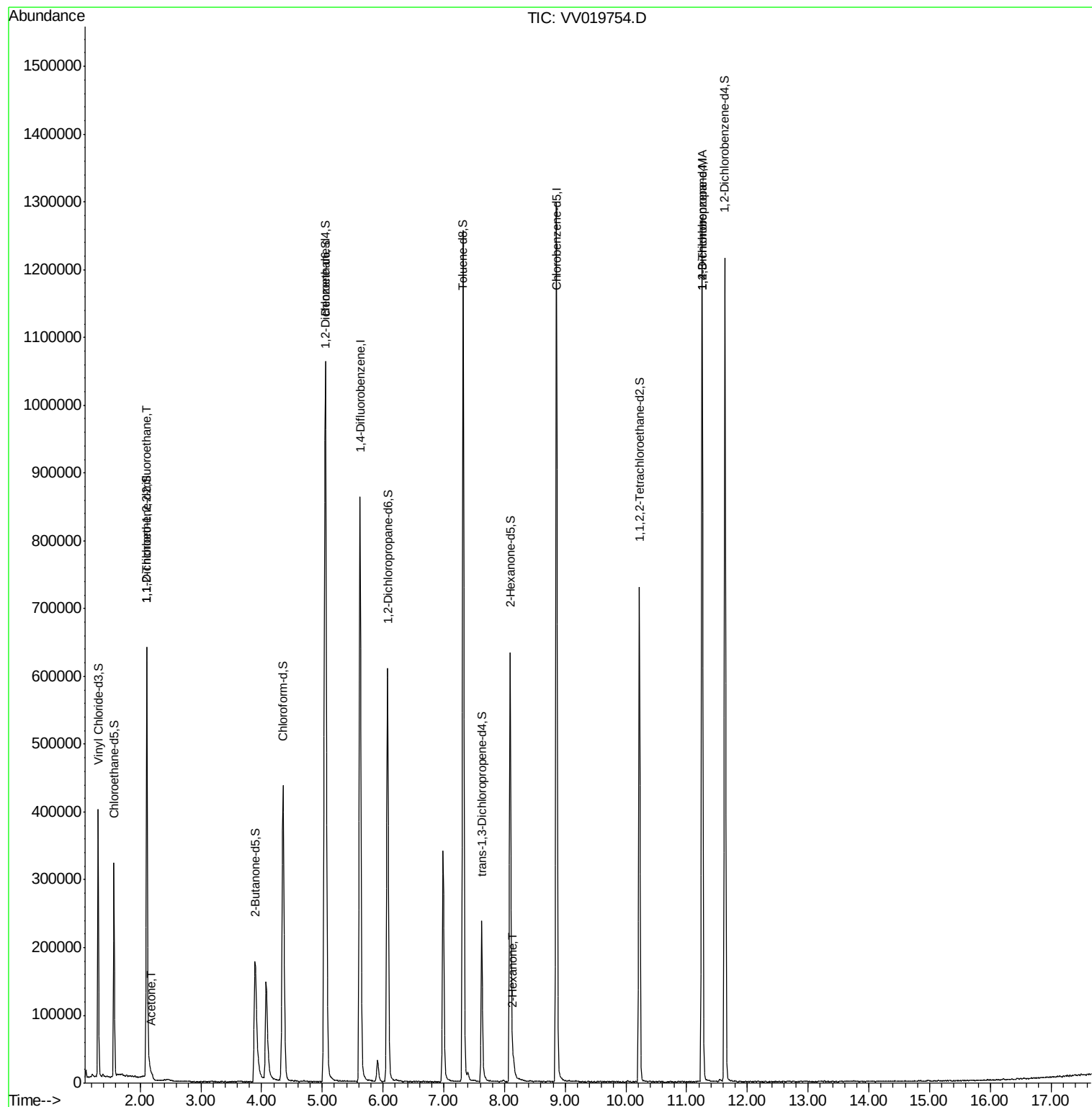
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3138	0.776 ug/L #	22
13) Acetone	2.18	43	10665	4.611 ug/L	97
48) 2-Hexanone	8.15	43	13943	2.570 ug/L #	41
59) 1,2,3-Trichloropropane	11.25	75	41179	6.680 ug/L	89

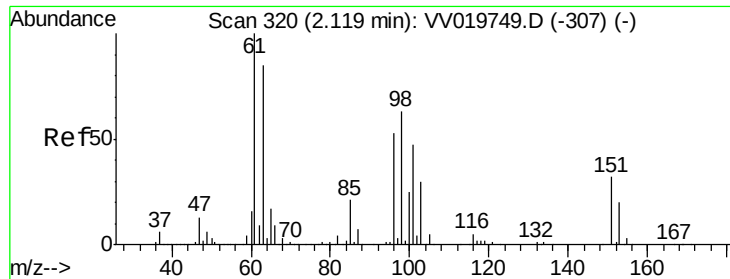
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.776 ug/L

RT: 2.11 min Scan# 316

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

F4H06

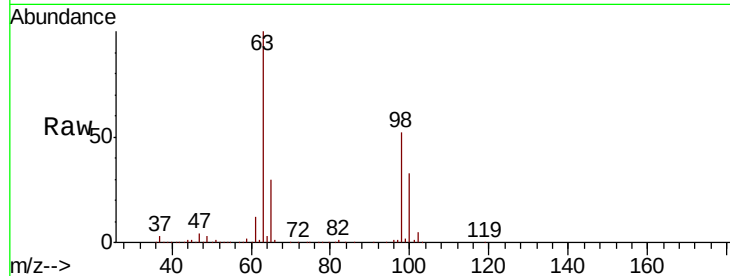
Tot Ion:101 Resp: 3138

Ion Ratio Lower Upper

101 100

85 1.5 35.0 52.4#

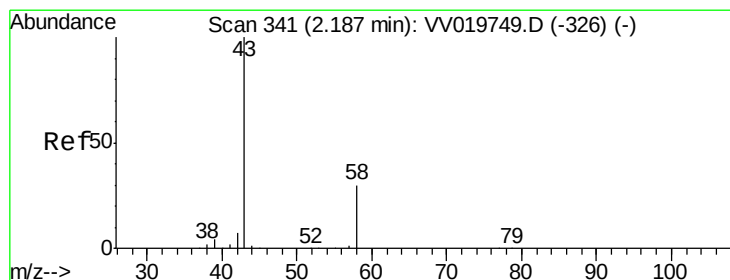
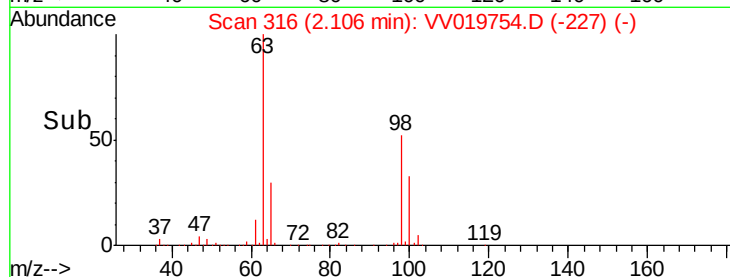
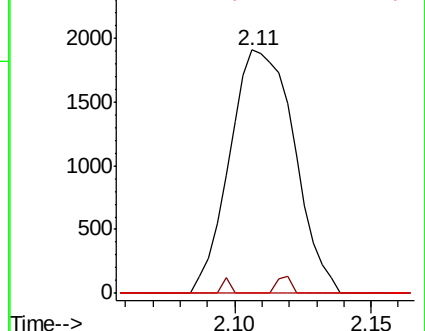
151 0.0 55.8 83.8#



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: 4.611 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV019754.D

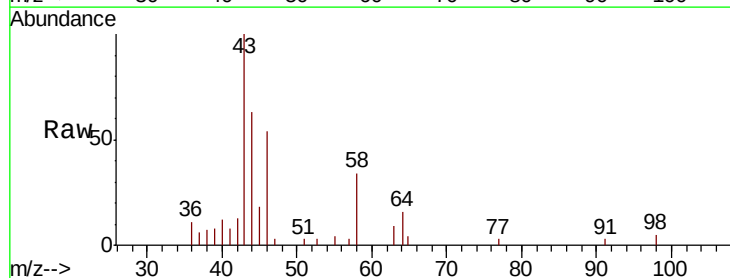
Acq: 19 Dec 2020 23:12

Tgt Ion: 43 Resp: 10665

Ion Ratio Lower Upper

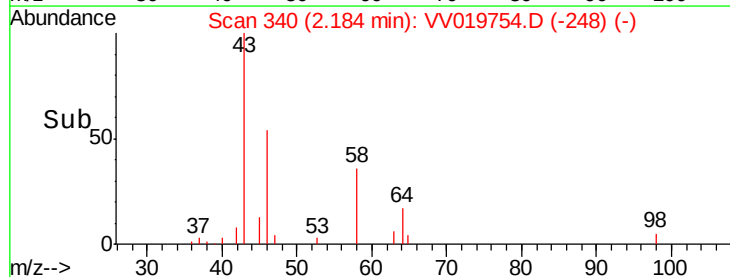
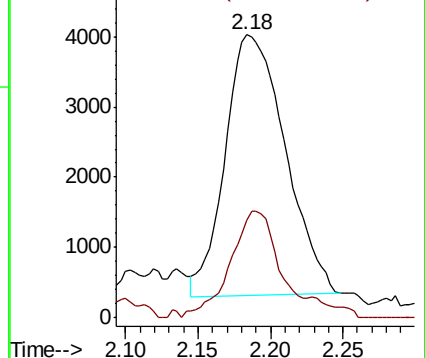
43 100

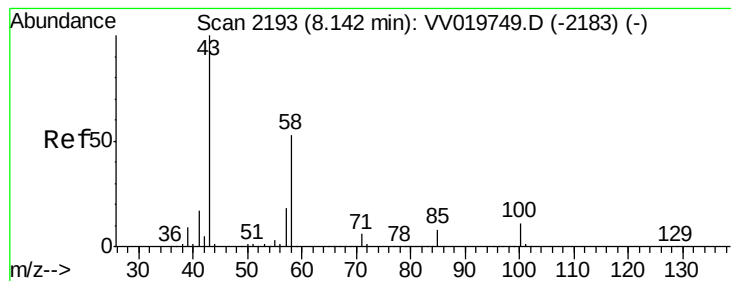
58 29.0 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#48

2-Hexanone

Concen: 2.570 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

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Acq: 19 Dec 2020 23:12

Instrument :

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ClientSampleId :

F4H06

Tot Ion: 43 Resp: 13943

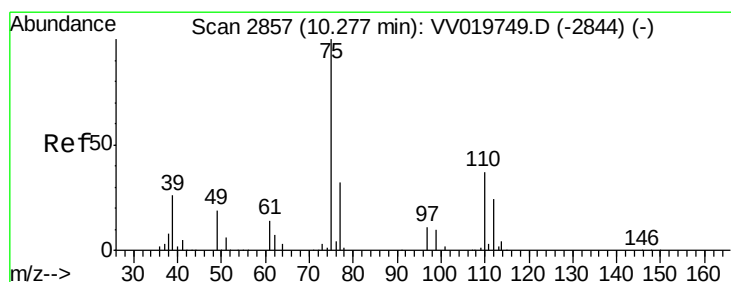
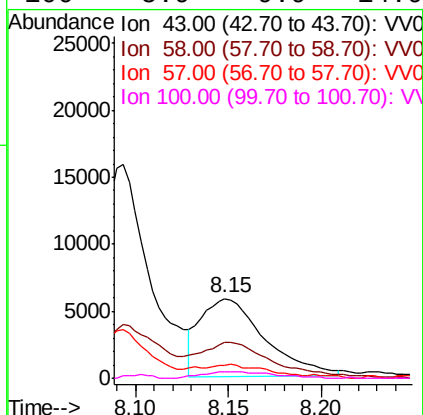
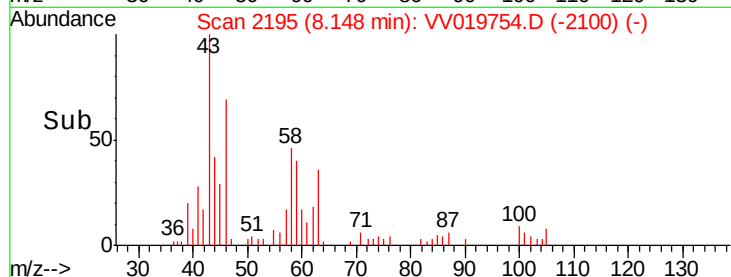
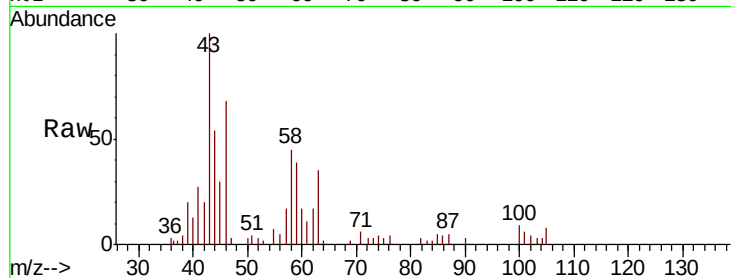
Ion Ratio Lower Upper

43 100

58 0.0 44.4 66.6#

57 2.3 15.7 23.5#

100 5.9 9.9 14.9#



#59

1,2,3-Trichloropropane

Concen: 6.680 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019754.D

Acq: 19 Dec 2020 23:12

Tgt Ion: 75 Resp: 41179

Ion Ratio Lower Upper

75 100

77 38.3 25.8 38.8

