

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122120\
 Data File : VV019781.D
 Acq On : 21 Dec 2020 17:29
 Operator : SY/MD
 Sample : L5173-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 22 00:26:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 22 00:24:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	618322	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	578787	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	273567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	255672	57.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.32%
7) Chloroethane-d5	1.57	69	201162	57.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.04%
11) 1,1-Dichloroethene-d2	2.11	63	358835	43.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.22%
21) 2-Butanone-d5	3.89	46	355688	147.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	147.59%#
24) Chloroform-d	4.35	84	432685	54.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.30%
26) 1,2-Dichloroethane-d4	5.04	65	299284	57.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.62%
32) Benzene-d6	5.05	84	873050	56.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.12%
36) 1,2-Dichloropropane-d6	6.07	67	278496	57.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.18%
41) Toluene-d8	7.32	98	761919	54.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.64%
43) trans-1,3-Dichloropropene-	7.62	79	127877	46.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.98%
47) 2-Hexanone-d5	8.09	63	209575	110.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.43%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	322907	49.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.74%
64) 1,2-Dichlorobenzene-d4	11.63	152	270799	52.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.90%

Target Compounds

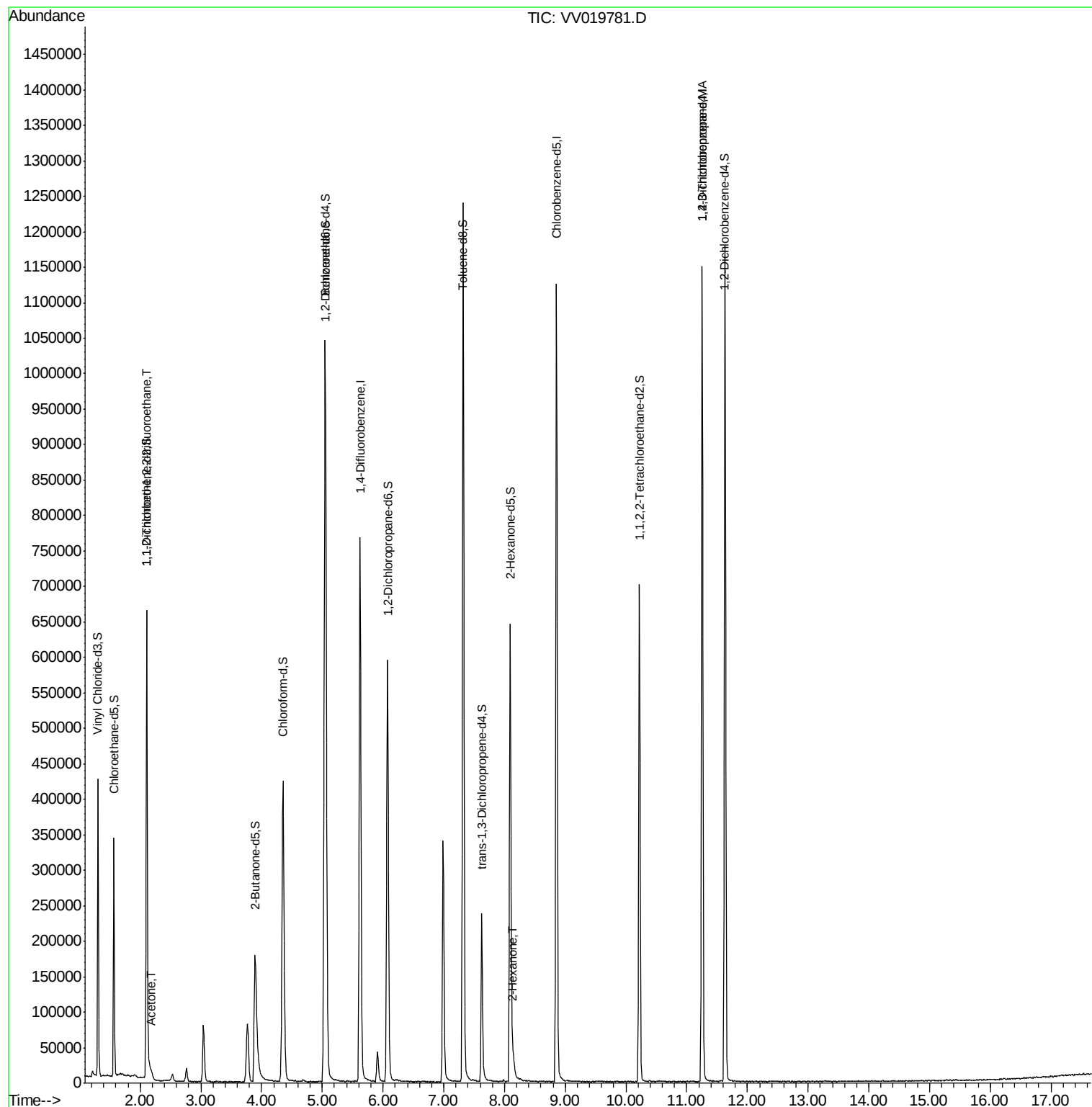
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3154	0.879 ug/L #	22
13) Acetone	2.19	43	14163	6.898 ug/L	94
48) 2-Hexanone	8.14	43	13312	2.753 ug/L #	76
59) 1,2,3-Trichloropropane	11.26	75	36837	6.704 ug/L	96

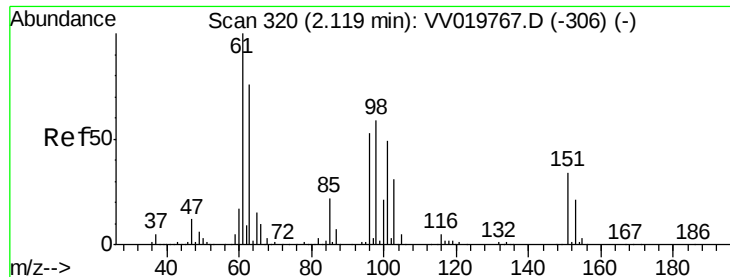
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.879 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019781.D

Acq: 21 Dec 2020 17:29

Instrument :

MSVOA_V

ClientSampled :

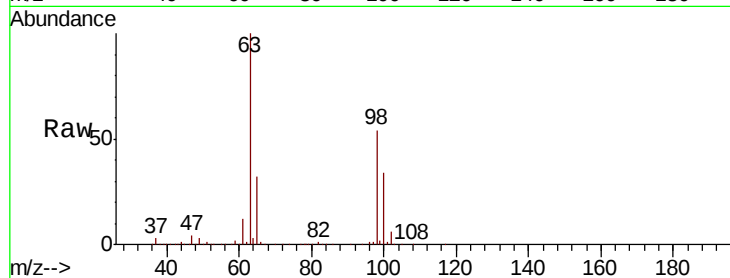
Tot Ion:101 Resp: 3154

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

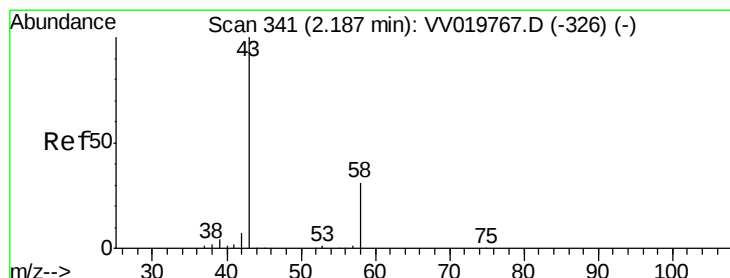
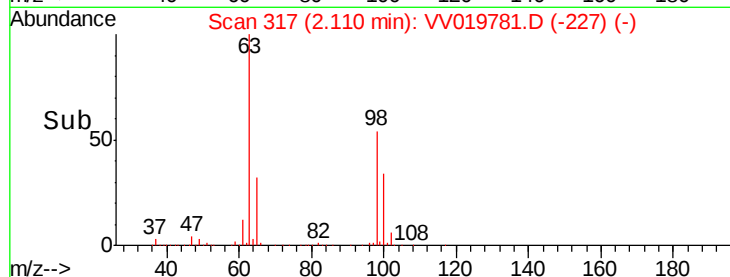
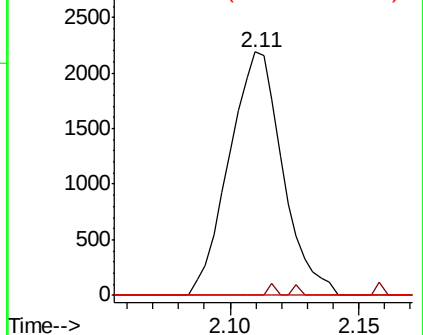
151 0.0 55.8 83.8#



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: 6.898 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV019781.D

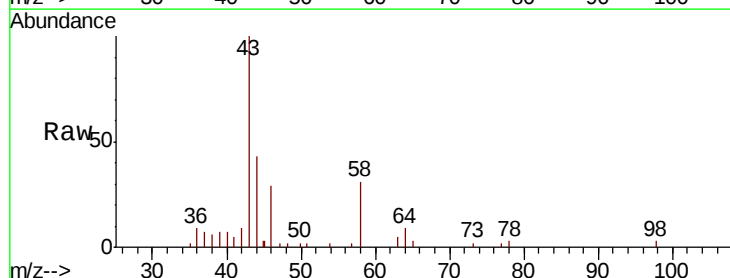
Acq: 21 Dec 2020 17:29

Tgt Ion: 43 Resp: 14163

Ion Ratio Lower Upper

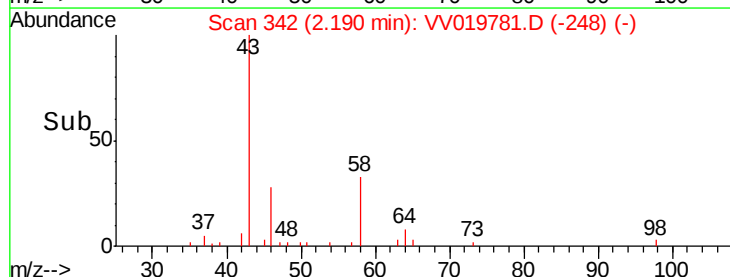
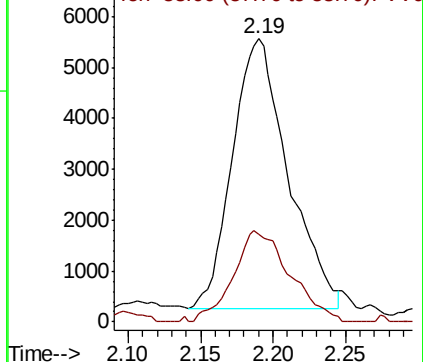
43 100

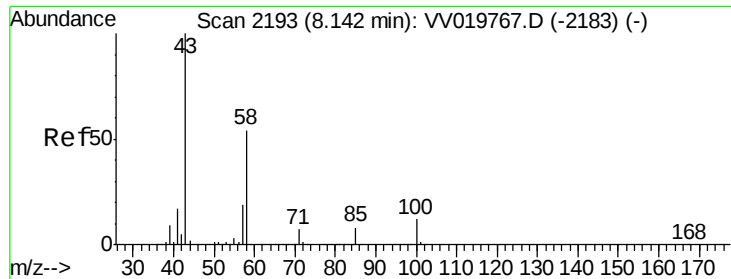
58 34.3 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

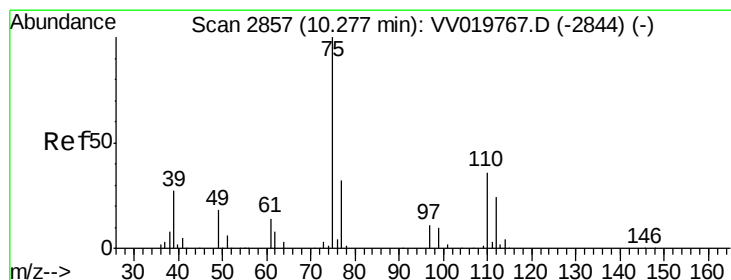
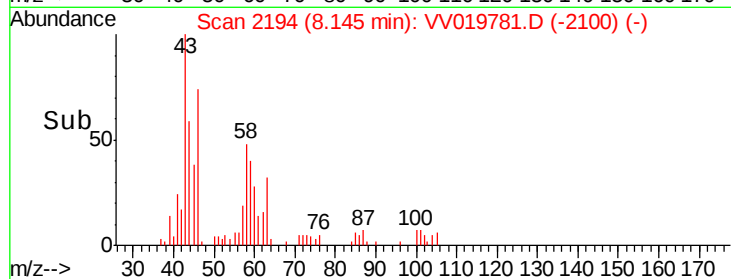
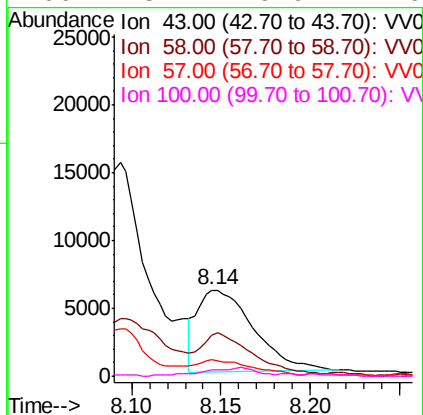
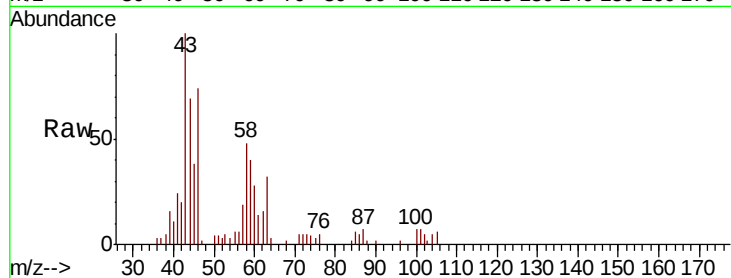




#48
2-Hexanone
Concen: 2.753 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. 0.00 min
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Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 13312
Ion Ratio Lower Upper
43 100
58 42.1 44.4 66.6#
57 2.3 15.7 23.5#
100 3.2 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 6.704 ug/L
RT: 11.26 min Scan# 3162
Delta R.T. 0.98 min
Lab File: VV019781.D
Acq: 21 Dec 2020 17:29

Tgt Ion: 75 Resp: 36837
Ion Ratio Lower Upper
75 100
77 34.6 25.8 38.8

