

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111120\
 Data File : VV019336.D
 Acq On : 11 Nov 2020 13:50
 Operator : SY/MD
 Sample : L4693-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4C3

Quant Time: Nov 12 00:49:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 00:41:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	241916	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	237436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114014	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106762	55.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.06%
7) Chloroethane-d5	1.58	69	86280	57.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.54%
11) 1,1-Dichloroethene-d2	2.12	63	155541	42.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.06%
21) 2-Butanone-d5	3.91	46	127022	107.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.88%
24) Chloroform-d	4.38	84	184310	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.08%
26) 1,2-Dichloroethane-d4	5.05	65	128132	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.84%
32) Benzene-d6	5.07	84	358669	53.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.50%
36) 1,2-Dichloropropane-d6	6.09	67	111806	55.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.34%
41) Toluene-d8	7.34	98	310474	47.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.98%
43) trans-1,3-Dichloropropene-	7.64	79	54767	47.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.26%
47) 2-Hexanone-d5	8.11	63	70060	80.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.55%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	121442	44.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	127202	53.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

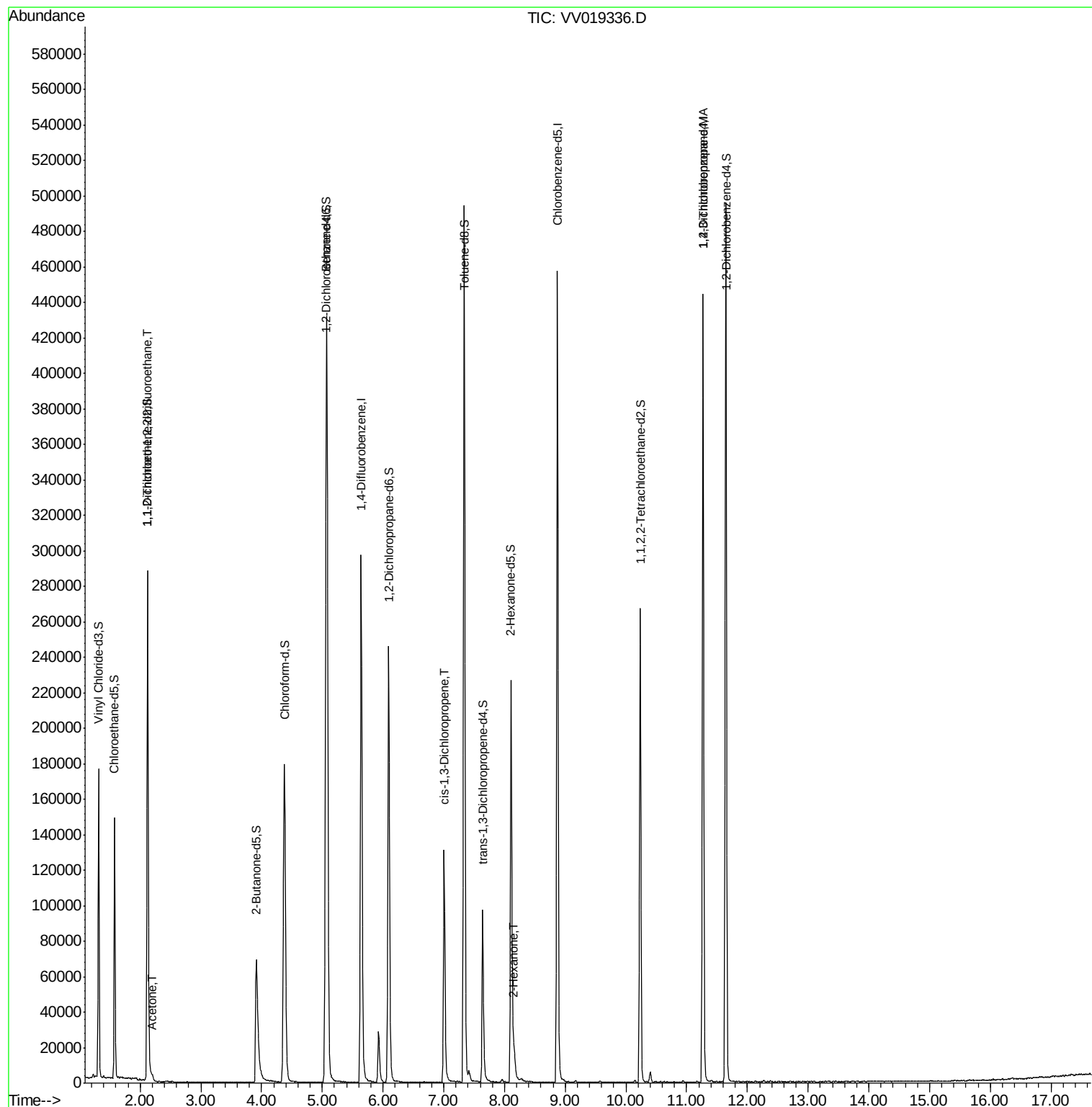
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1382	0.872 ug/L #	17
13) Acetone	2.20	43	4160	3.803 ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	3484	1.241 ug/L #	58
48) 2-Hexanone	8.16	43	9215	4.943 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	13402	6.030 ug/L	94

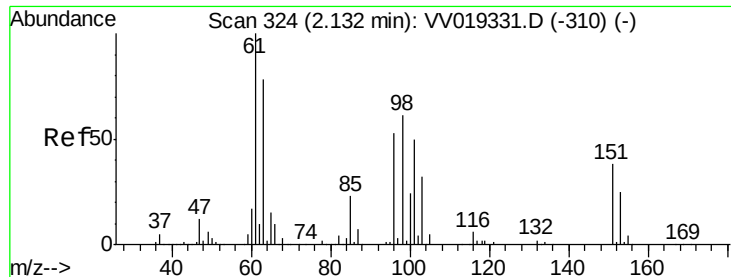
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.872 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV019336.D

Acq: 11 Nov 2020 13:50

Instrument :

MSVOA_V

ClientSampled :

BG4C3

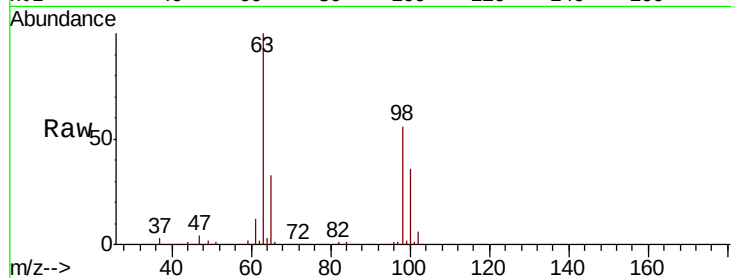
Tot Ion:101 Resp: 1382

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

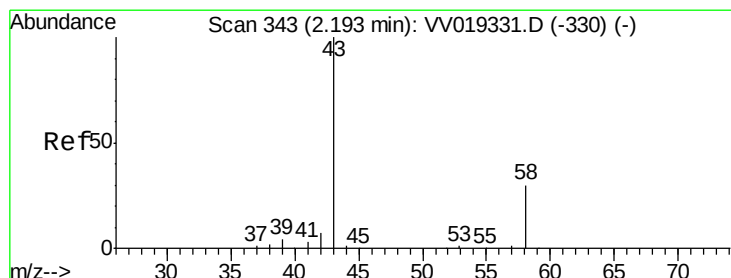
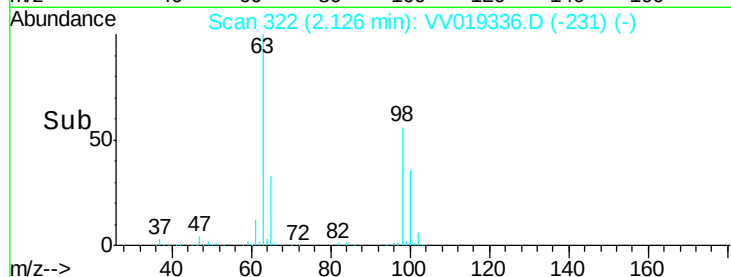
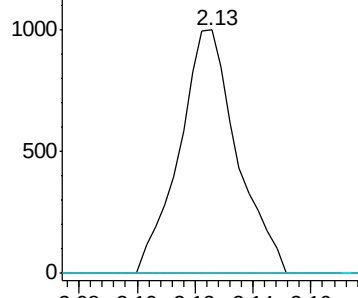
151 0.0 65.0 97.4#



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: 3.803 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV019336.D

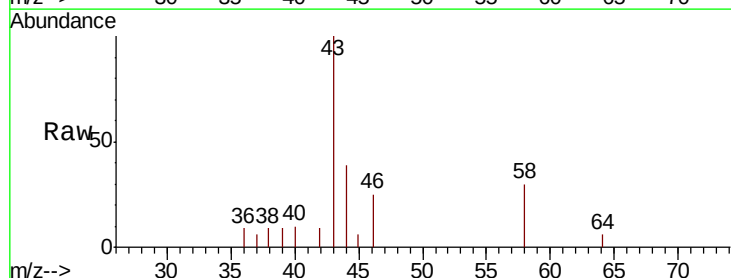
Acq: 11 Nov 2020 13:50

Tgt Ion: 43 Resp: 4160

Ion Ratio Lower Upper

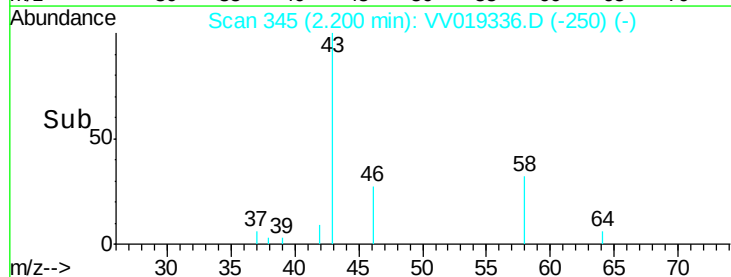
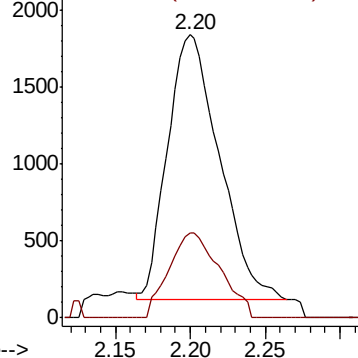
43 100

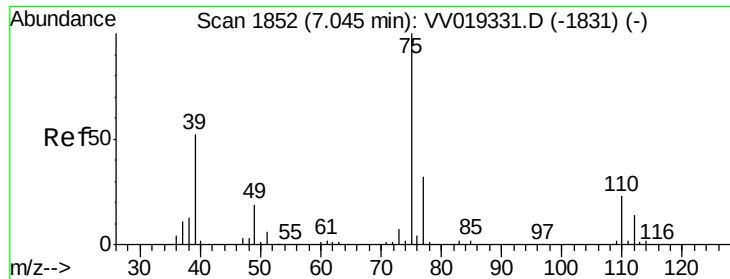
58 31.7 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

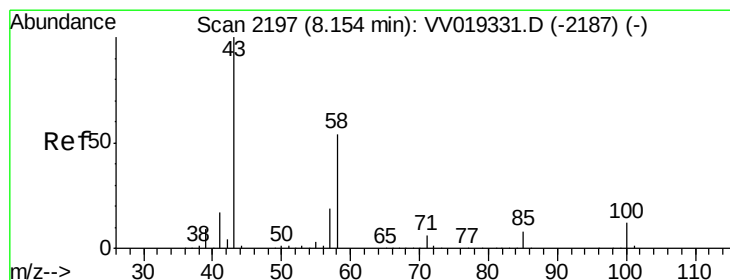
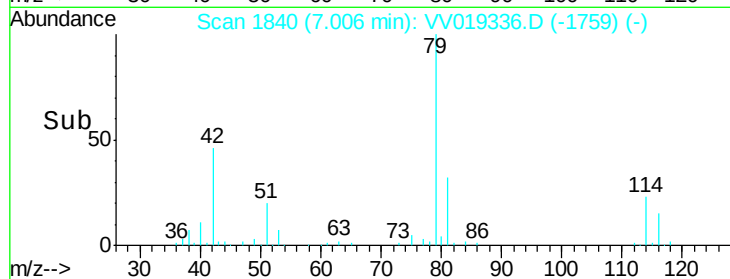
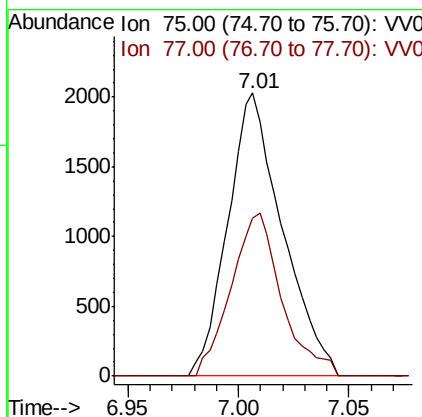
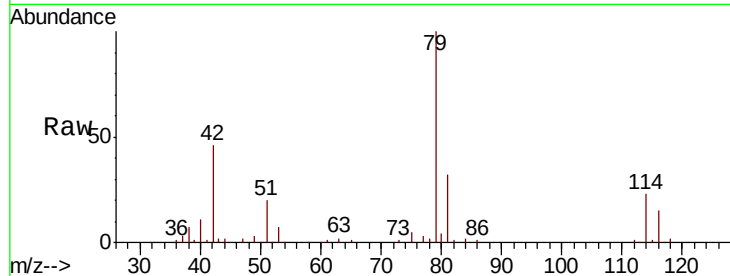




#39
 cis-1,3-Dichloropropene
 Concen: 1.241 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019336.D
 Acq: 11 Nov 2020 13:50

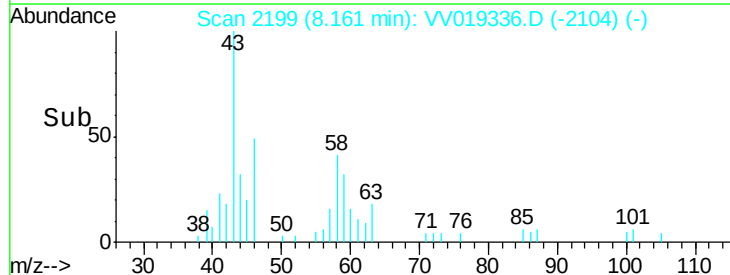
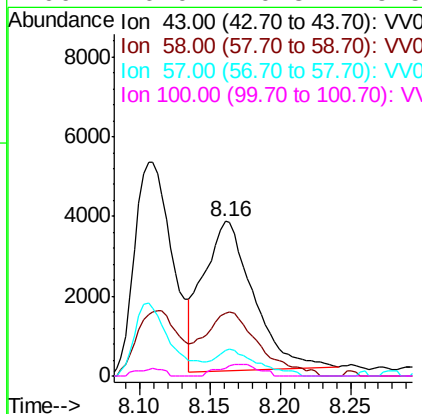
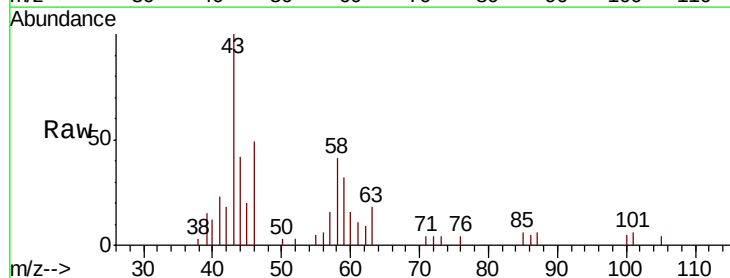
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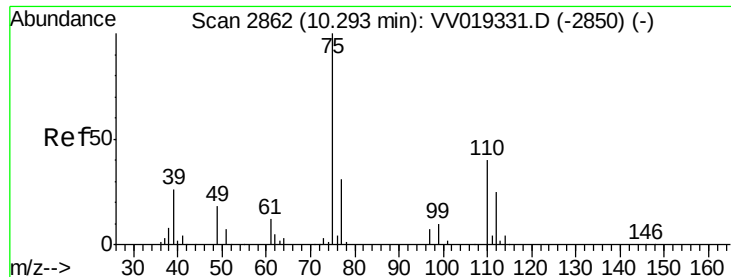
Tot Ion: 75 Resp: 3484
 Ion Ratio Lower Upper
 75 100
 77 56.0 22.7 42.1#



#48
 2-Hexanone
 Concen: 4.943 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV019336.D
 Acq: 11 Nov 2020 13:50

Tgt Ion: 43 Resp: 9215
 Ion Ratio Lower Upper
 43 100
 58 36.0 43.6 65.4#
 57 15.0 16.0 24.0#
 100 6.0 10.3 15.5#





#59

1,2,3-Trichloropropane

Concen: 6.030 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019336.D

Acq: 11 Nov 2020 13:50

Instrument :

MSVOA_V

ClientSampleId :

BG4C3

Tot Ion: 75 Resp: 13402

Ion Ratio Lower Upper

75 100

77 36.4 26.2 39.4

