

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018643.D
 Acq On : 02 Oct 2020 22:20
 Operator : SY/MD
 Sample : L4254-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3S2

Quant Time: Oct 03 02:11:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 02:08:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	298713	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	298278	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142163	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	76636	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.48%
7) Chloroethane-d5	1.58	69	68215	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.18%
11) 1,1-Dichloroethene-d2	2.12	63	129473	36.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.54%
21) 2-Butanone-d5	3.91	46	113492	86.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.85%
24) Chloroform-d	4.38	84	163761	43.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.46%
26) 1,2-Dichloroethane-d4	5.06	65	111669	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.86%
32) Benzene-d6	5.07	84	314872	41.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.36%
36) 1,2-Dichloropropane-d6	6.09	67	95985	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.10%
41) Toluene-d8	7.34	98	290001	40.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	7.64	79	48227	39.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.22%
47) 2-Hexanone-d5	8.11	63	58596	67.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	109729	36.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	128170	46.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.76%

Target Compounds

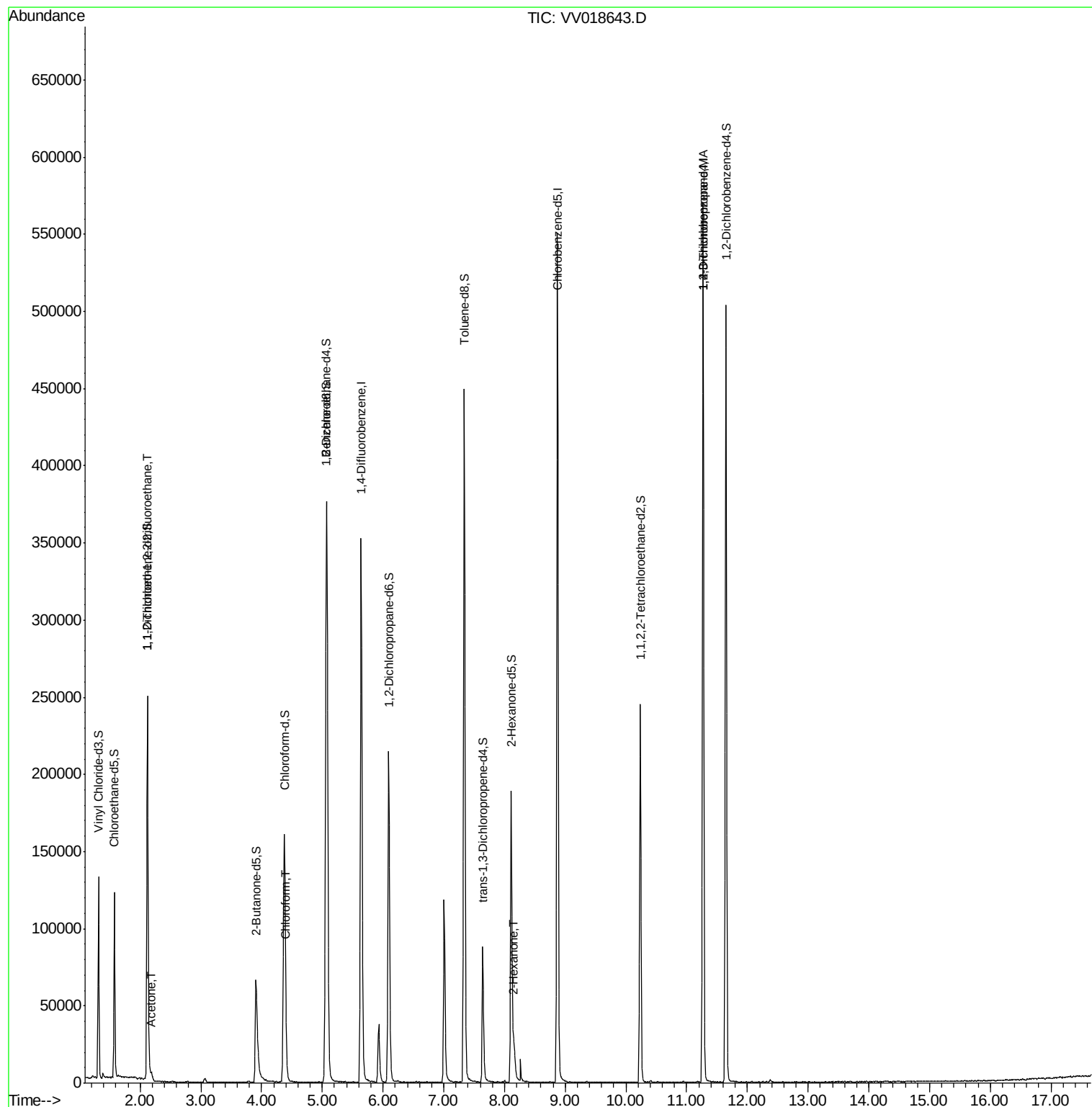
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1284	0.661 ug/L #	17
13) Acetone	2.19	43	4324	3.830 ug/L	95
25) Chloroform	4.41	83	5295	1.342 ug/L	92
48) 2-Hexanone	8.16	43	13297	5.874 ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	16120	5.895 ug/L	90

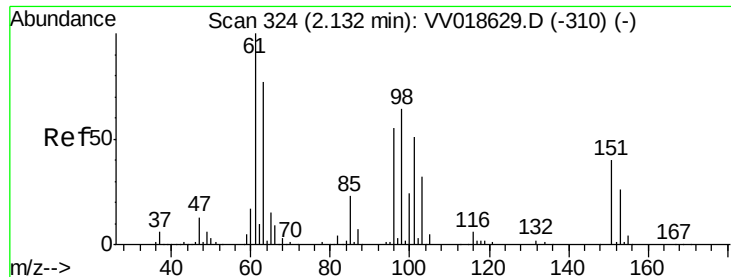
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.661 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV018643.D

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ClientSampleId :

BG3S2

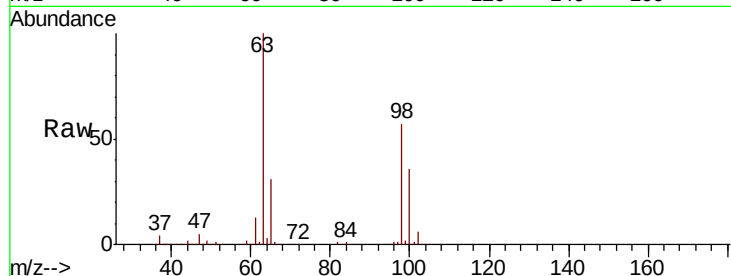
Tot Ion:101 Resp: 1284

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

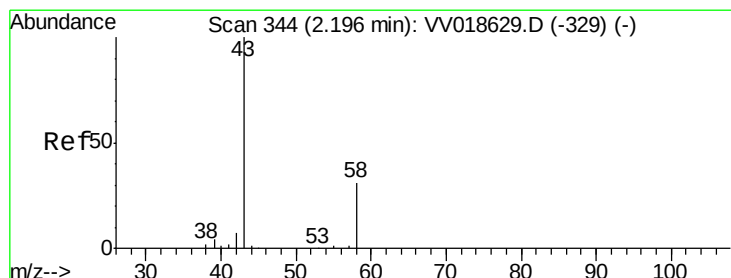
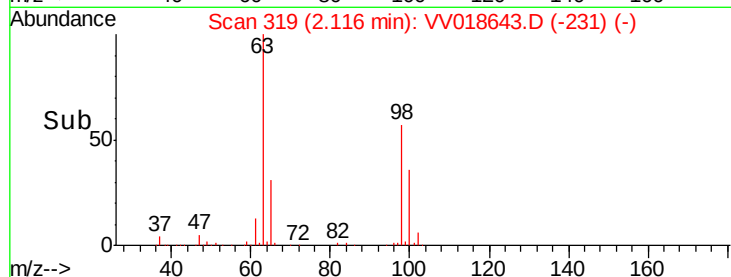
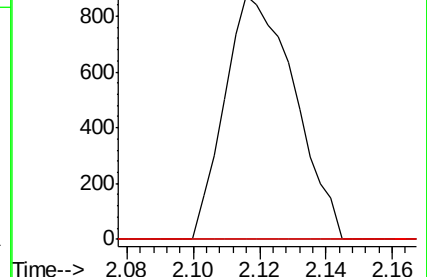
151 0.0 64.3 96.5#



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: 3.830 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV018643.D

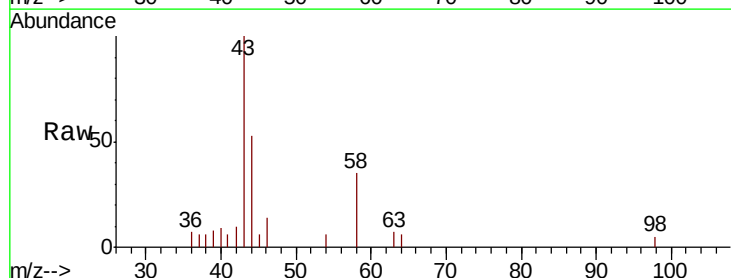
Acq: 02 Oct 2020 22:20

Tgt Ion: 43 Resp: 4324

Ion Ratio Lower Upper

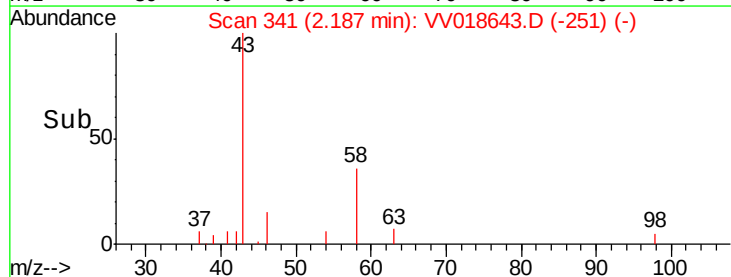
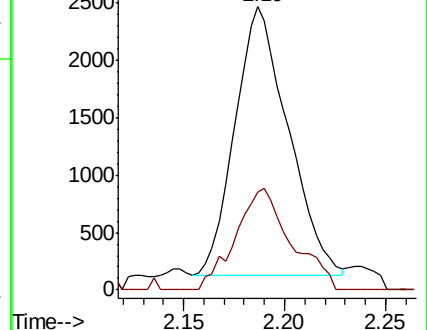
43 100

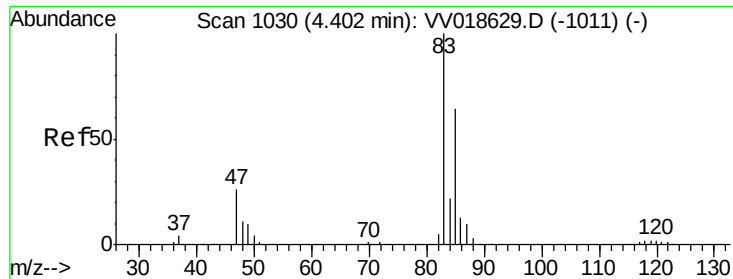
58 35.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

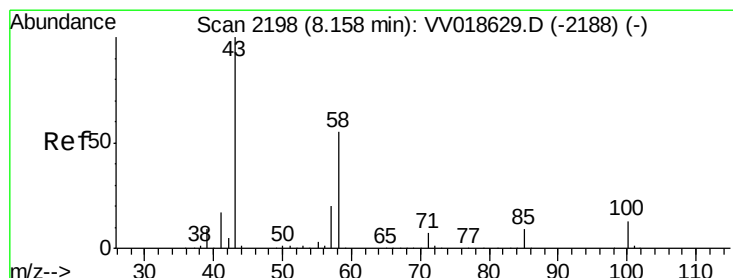
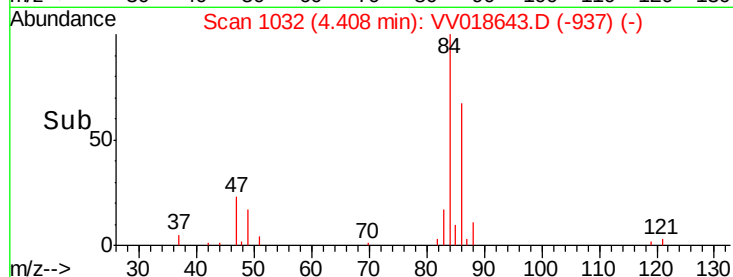
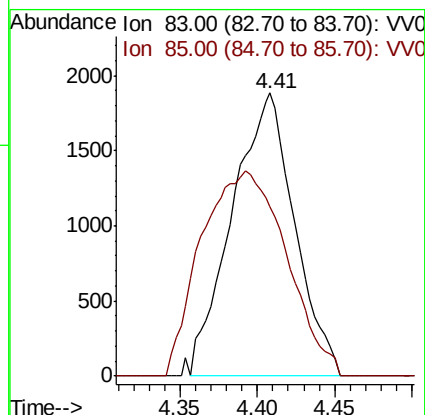
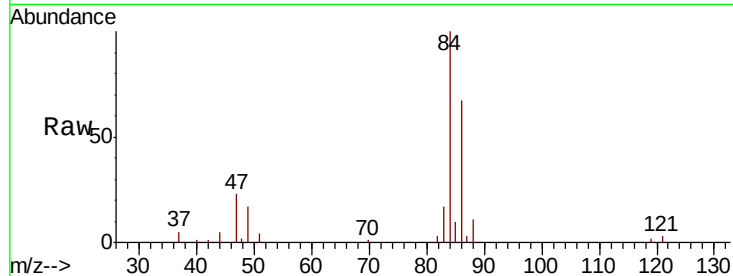




#25
Chloroform
Concen: 1.342 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV018643.D
Acq: 02 Oct 2020 22:20

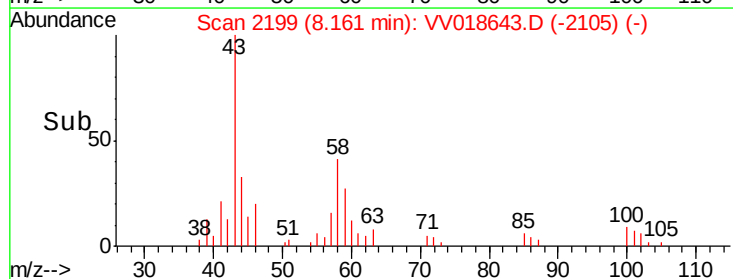
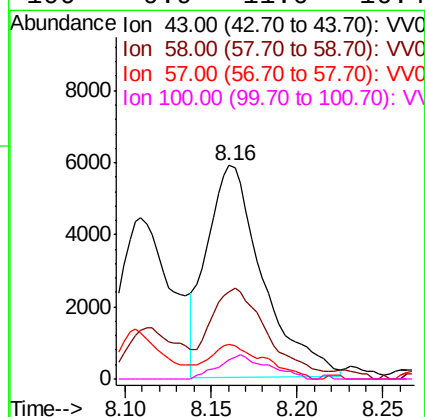
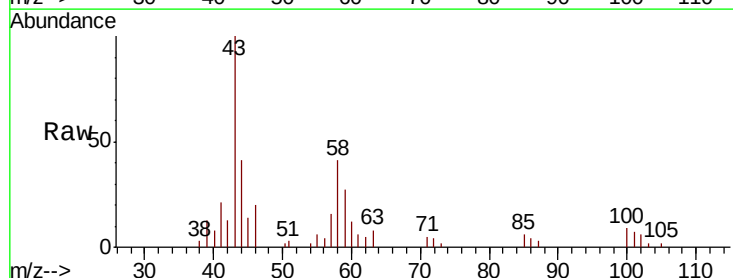
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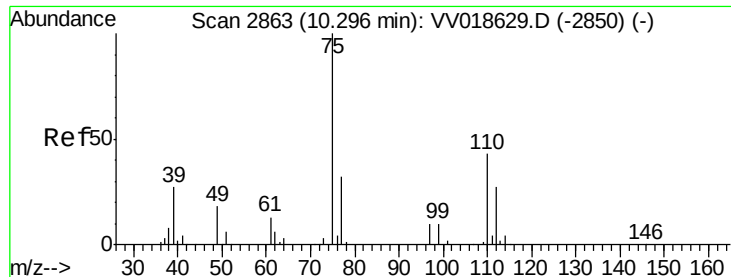
Tot Ion: 83 Resp: 5295
Ion Ratio Lower Upper
83 100
85 59.8 46.2 85.8



#48
2-Hexanone
Concen: 5.874 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018643.D
Acq: 02 Oct 2020 22:20

Tgt Ion: 43 Resp: 13297
Ion Ratio Lower Upper
43 100
58 39.7 45.1 67.7#
57 5.7 15.7 23.5#
100 9.9 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 5.895 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018643.D

Acq: 02 Oct 2020 22:20

Instrument :

MSVOA_V

ClientSampleId :

BG3S2

Tot Ion: 75 Resp: 16120

Ion Ratio Lower Upper

75 100

77 37.4 25.4 38.0

