

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120320\
 Data File : VV019462.D
 Acq On : 03 Dec 2020 17:18
 Operator : SY/MD
 Sample : L4920-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4C6

Quant Time: Dec 04 08:05:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 08:04:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	341702	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	343162	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155888	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110463	32.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.74%
7) Chloroethane-d5	1.58	69	106326	38.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.56%
11) 1,1-Dichloroethene-d2	2.12	63	197324	32.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.96%
21) 2-Butanone-d5	3.90	46	215436	103.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.57%
24) Chloroform-d	4.37	84	256968	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
26) 1,2-Dichloroethane-d4	5.05	65	181903	50.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.74%
32) Benzene-d6	5.07	84	500583	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
36) 1,2-Dichloropropane-d6	6.09	67	173652	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.88%
41) Toluene-d8	7.33	98	425159	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%
43) trans-1,3-Dichloropropene-	7.64	79	76633	47.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.00%
47) 2-Hexanone-d5	8.11	63	103359	77.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.71%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	173606	39.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.46%
64) 1,2-Dichlorobenzene-d4	11.64	152	159446	52.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.34%

Target Compounds

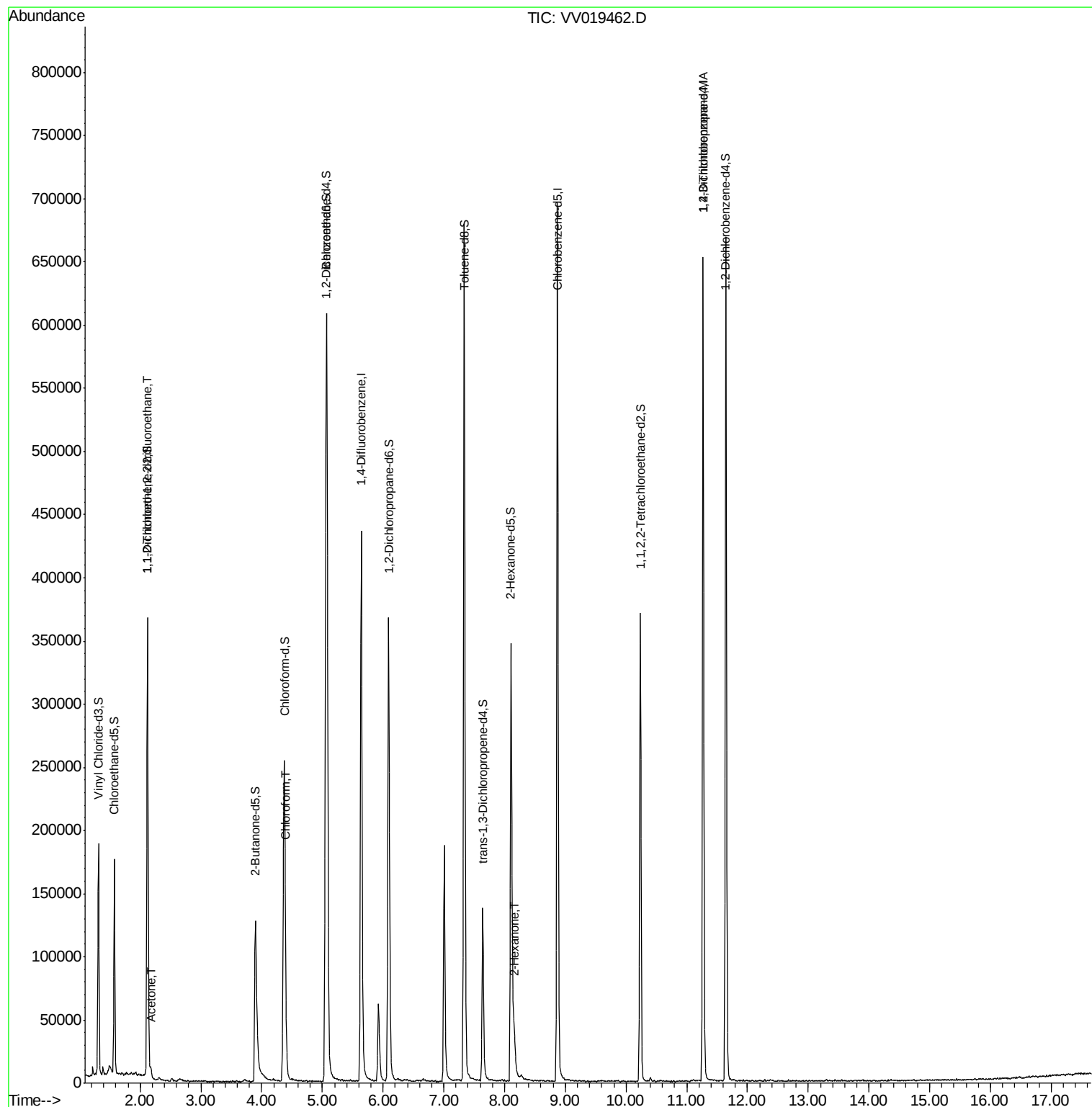
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1770	0.739 ug/L #	25
13) Acetone	2.18	43	6528	4.105 ug/L	98
25) Chloroform	4.40	83	5640	1.102 ug/L	76
48) 2-Hexanone	8.16	43	26297	8.313 ug/L #	77
59) 1,2,3-Trichloropropane	11.27	75	20299	5.455 ug/L	90

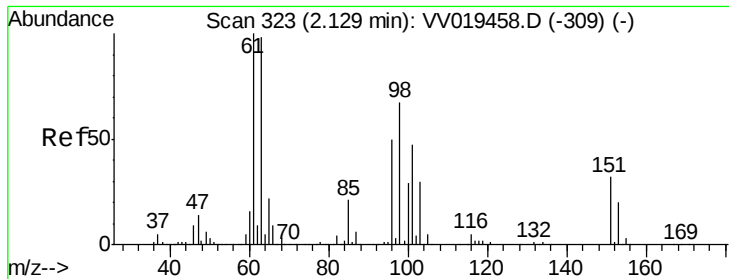
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 04 08:04:03 2020
Response via : Initial Calibration





#10

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

Concen: 0.739 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019462.D

Acq: 03 Dec 2020 17:18

Instrument :

MSVOA_V

ClientSampled :

BG4C6

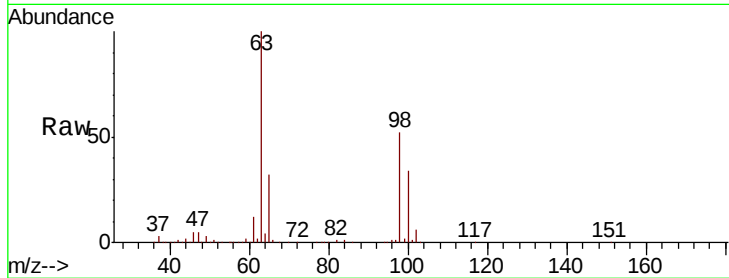
Tot Ion:101 Resp: 1770

Ion Ratio Lower Upper

101 100

85 5.0 35.5 53.3#

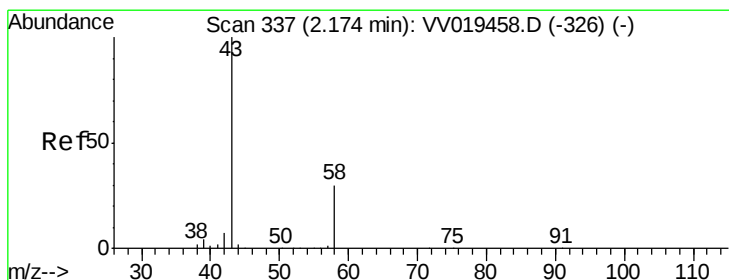
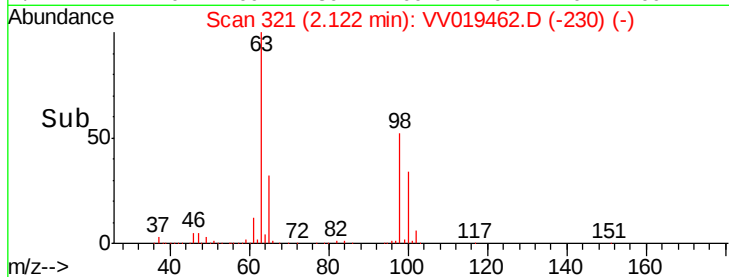
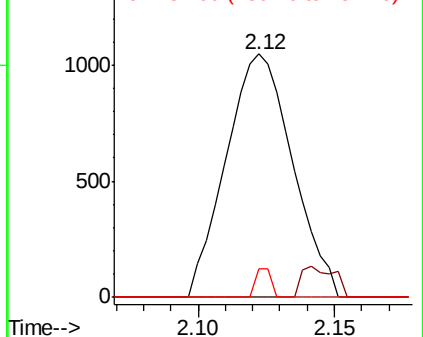
151 2.7 58.9 88.3#



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: 4.105 ug/L

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VV019462.D

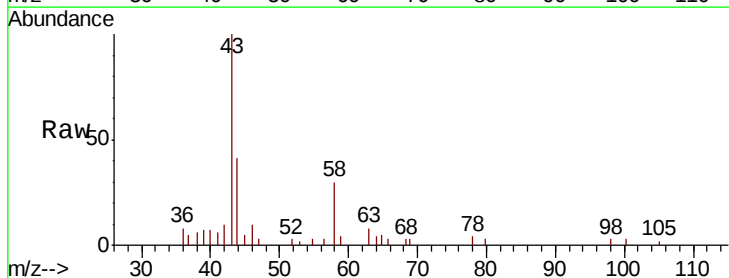
Acq: 03 Dec 2020 17:18

Tgt Ion: 43 Resp: 6528

Ion Ratio Lower Upper

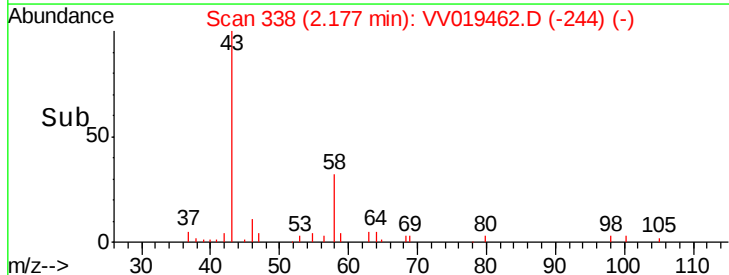
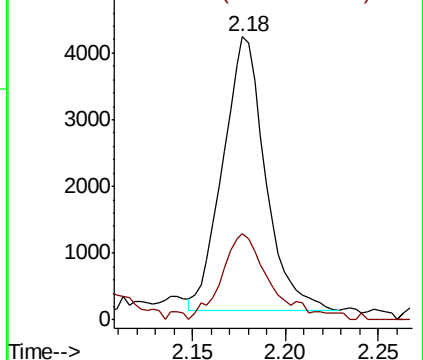
43 100

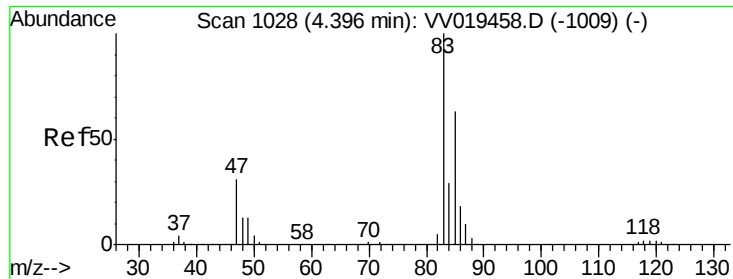
58 32.2 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

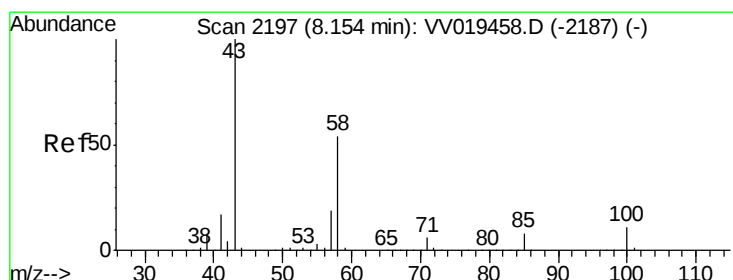
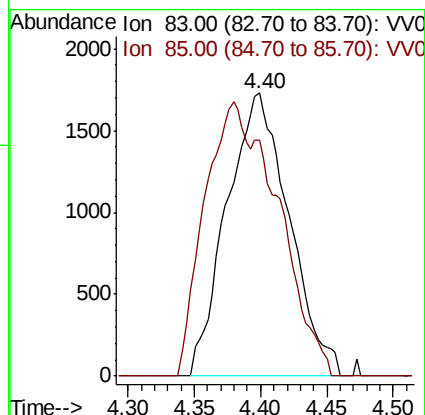
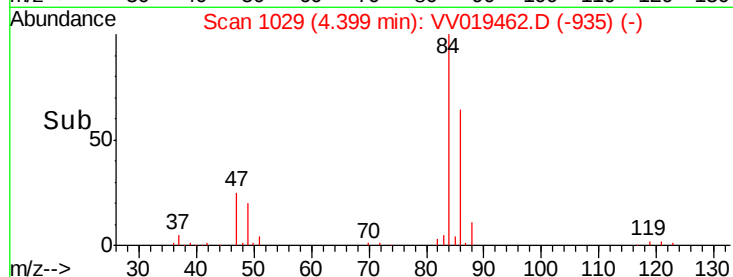
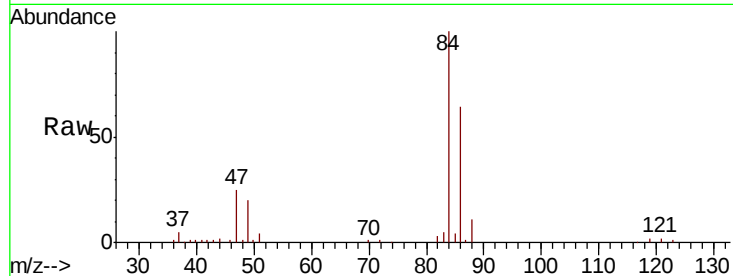




#25
Chloroform
Concen: 1.102 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV019462.D
Acq: 03 Dec 2020 17:18

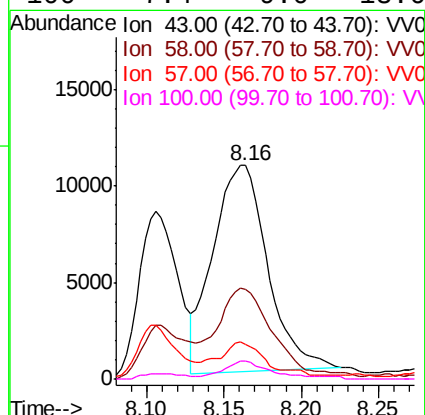
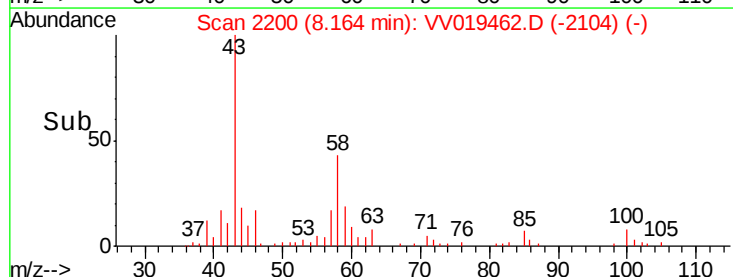
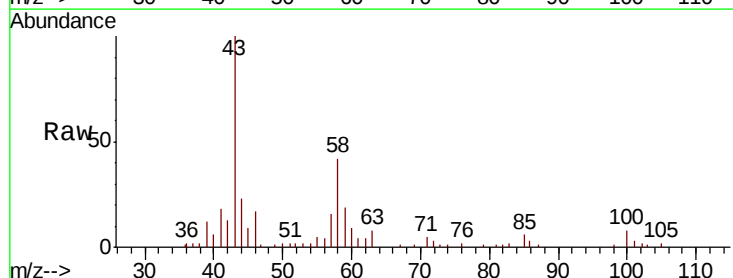
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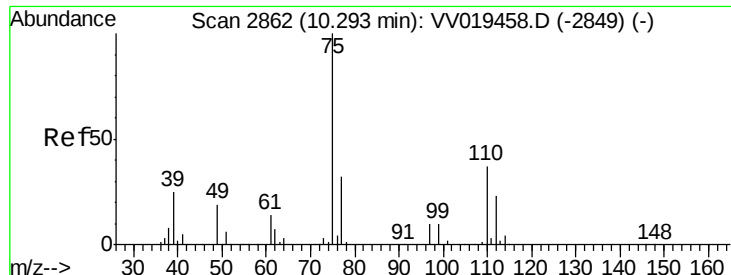
Tot Ion: 83 Resp: 5640
Ion Ratio Lower Upper
83 100
85 83.6 45.1 83.9



#48
2-Hexanone
Concen: 8.313 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV019462.D
Acq: 03 Dec 2020 17:18

Tgt Ion: 43 Resp: 26297
Ion Ratio Lower Upper
43 100
58 36.9 43.8 65.6#
57 8.1 15.4 23.2#
100 7.4 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 5.455 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019462.D

Acq: 03 Dec 2020 17:18

Instrument :

MSVOA_V

ClientSampleId :

BG4C6

Tot Ion: 75 Resp: 20299

Ion Ratio Lower Upper

75 100

77 37.1 25.2 37.8

