

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120320\
 Data File : VV019463.D
 Acq On : 03 Dec 2020 17:44
 Operator : SY/MD
 Sample : L4941-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BH9

Quant Time: Dec 04 08:05:14 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	332660	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	338028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157647	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106072	31.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.86%
7) Chloroethane-d5	1.58	69	103210	38.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.34%
11) 1,1-Dichloroethene-d2	2.12	63	191819	32.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.86%
21) 2-Butanone-d5	3.89	46	208931	103.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.18%
24) Chloroform-d	4.37	84	248071	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
26) 1,2-Dichloroethane-d4	5.05	65	176532	50.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.42%
32) Benzene-d6	5.07	84	492646	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
36) 1,2-Dichloropropane-d6	6.09	67	168461	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.32%
41) Toluene-d8	7.33	98	415633	46.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.84%
43) trans-1,3-Dichloropropene-	7.64	79	72987	45.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.88%
47) 2-Hexanone-d5	8.10	63	102133	77.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.95%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	171848	39.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	156650	51.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.34%

Target Compounds

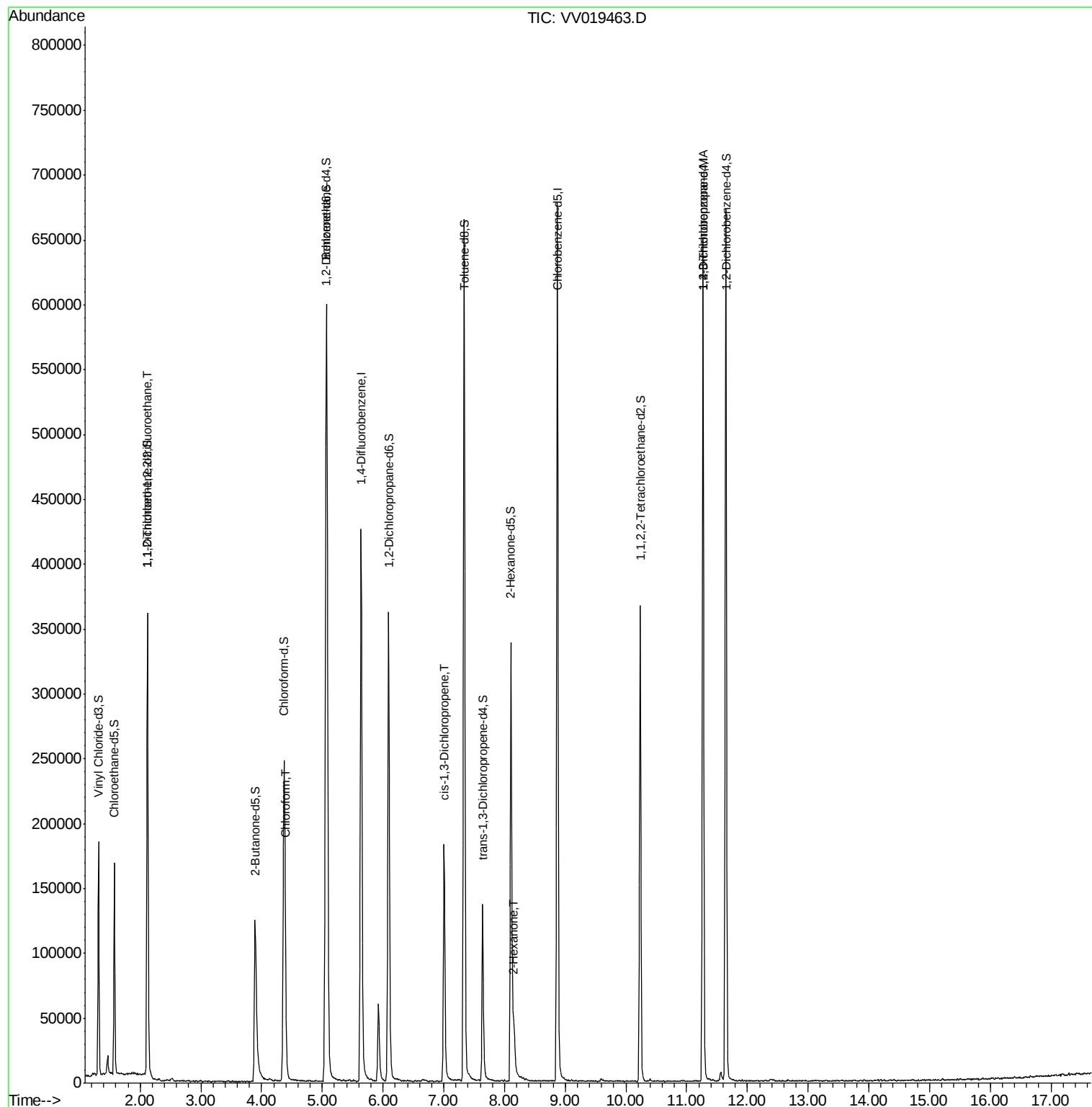
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1548	0.664 ug/L #	23
25) Chloroform	4.40	83	5335	1.071 ug/L	88
39) cis-1,3-Dichloropropene	7.00	75	4715	1.144 ug/L #	56
48) 2-Hexanone	8.16	43	23804	7.639 ug/L #	84
59) 1,2,3-Trichloropropane	11.27	75	21030	5.738 ug/L	96

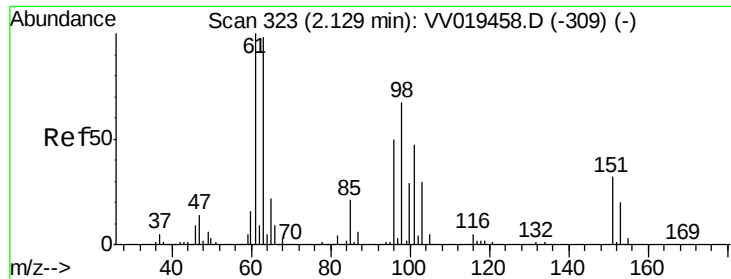
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.664 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019463.D

Acq: 03 Dec 2020 17:44

Instrument :

MSVOA_V

ClientSampleId :

C0BH9

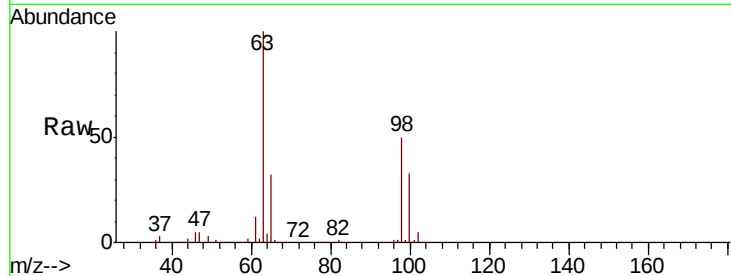
Tot Ion:101 Resp: 1548

Ion Ratio Lower Upper

101 100

85 6.2 35.5 53.3#

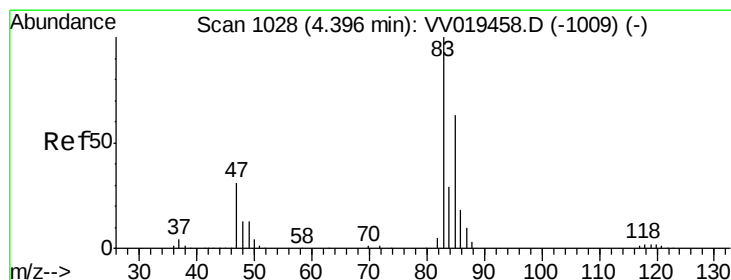
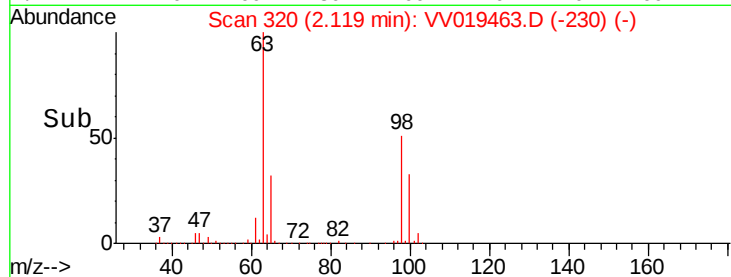
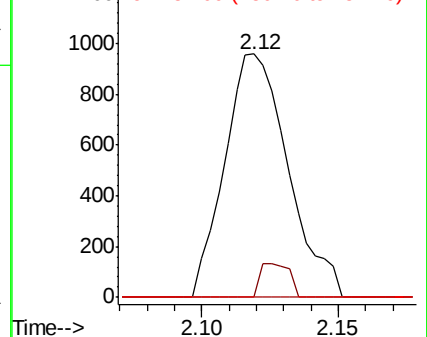
151 0.0 58.9 88.3#



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



#25

Chloroform

Concen: 1.071 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VV019463.D

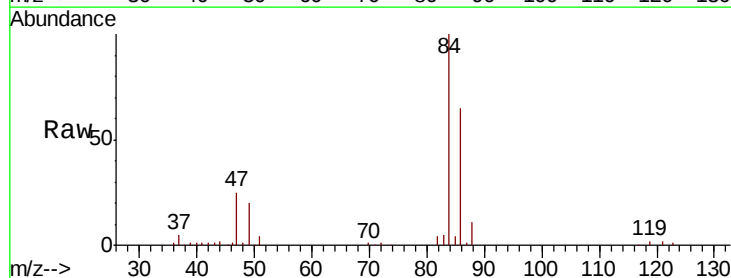
Acq: 03 Dec 2020 17:44

Tgt Ion: 83 Resp: 5335

Ion Ratio Lower Upper

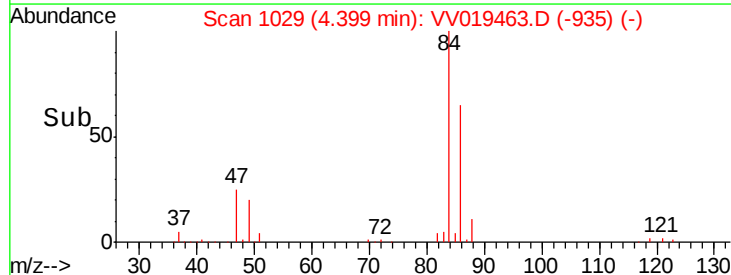
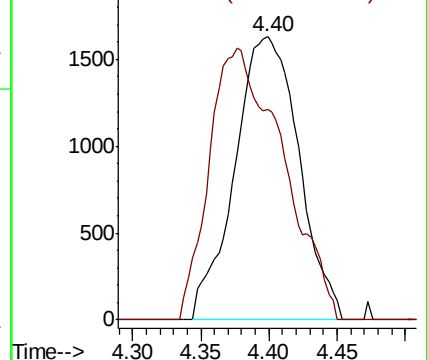
83 100

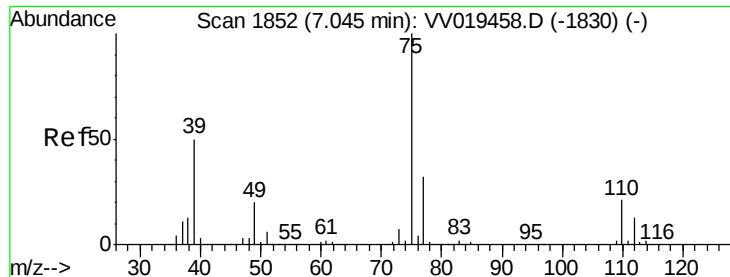
85 74.2 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

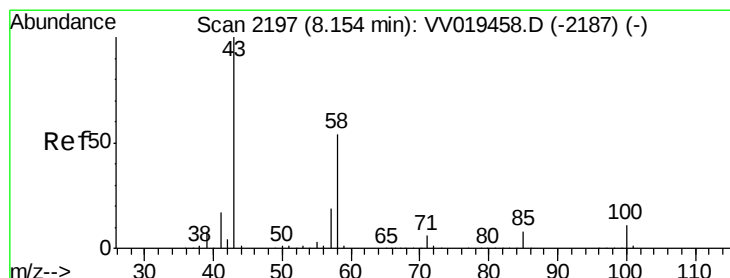
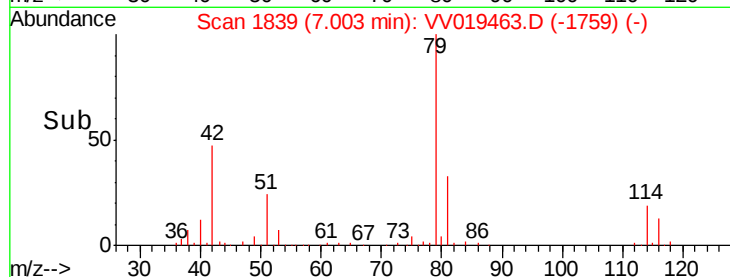
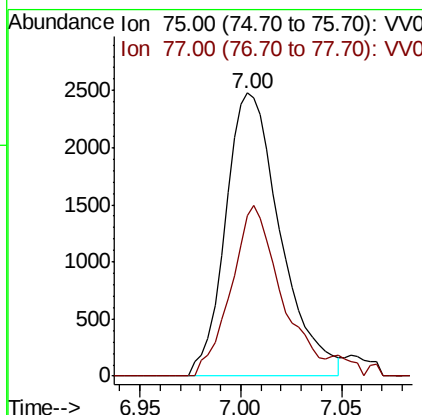
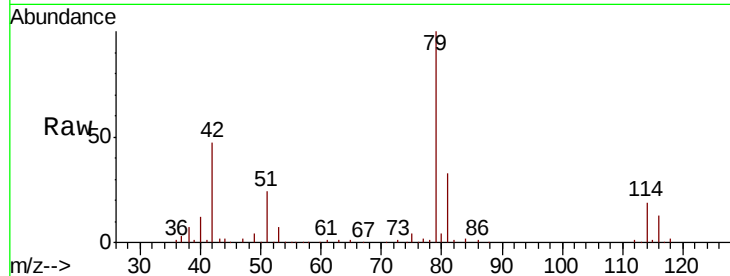




#39
 cis-1,3-Dichloropropene
 Concen: 1.144 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV019463.D
 Acq: 03 Dec 2020 17:44

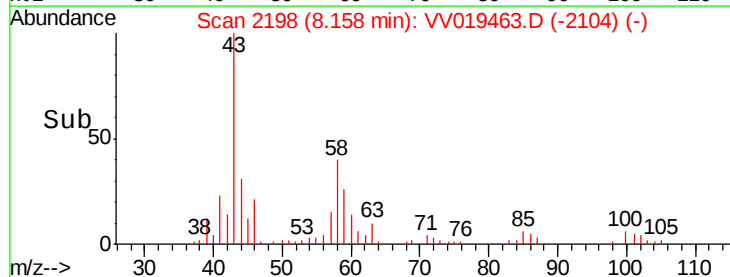
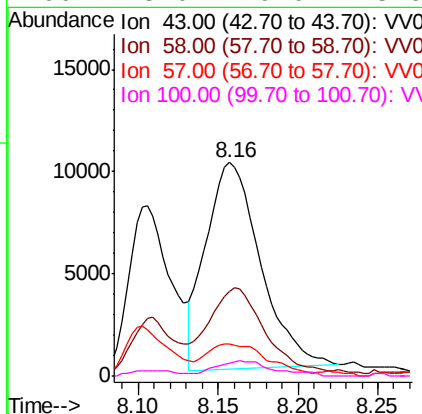
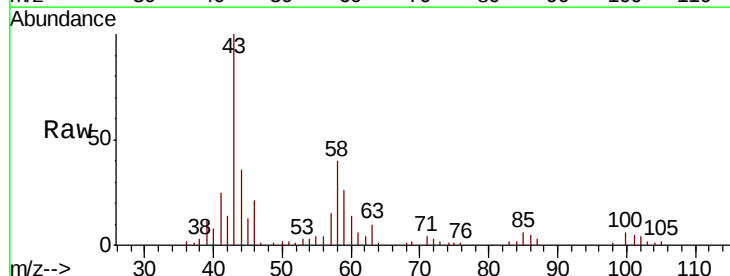
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 MSVOA_V
 ClientSampled :
 C0BH9

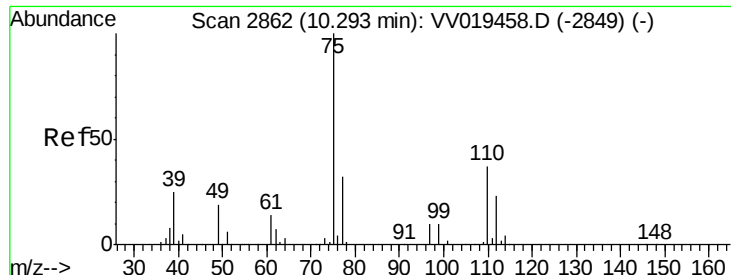
Tot Ion: 75 Resp: 4715
 Ion Ratio Lower Upper
 75 100
 77 56.5 22.5 41.7#



#48
 2-Hexanone
 Concen: 7.639 ug/L
 RT: 8.16 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VV019463.D
 Acq: 03 Dec 2020 17:44

Tgt Ion: 43 Resp: 23804
 Ion Ratio Lower Upper
 43 100
 58 40.8 43.8 65.6#
 57 17.7 15.4 23.2
 100 3.0 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 5.738 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019463.D

Acq: 03 Dec 2020 17:44

Instrument :

MSVOA_V

ClientSampleId :

C0BH9

Tot Ion: 75 Resp: 21030

Ion Ratio Lower Upper

75 100

77 33.9 25.2 37.8

