

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\
 Data File : VV018946.D
 Acq On : 16 Oct 2020 18:49
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0ml/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK61

Quant Time: Oct 17 06:04:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 05:56:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	320482	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	317029	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147501	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	113684	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.18%
7) Chloroethane-d5	1.58	69	95958	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.82%
11) 1,1-Dichloroethene-d2	2.12	63	177940	35.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.46%
21) 2-Butanone-d5	3.90	46	168226	91.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.49%
24) Chloroform-d	4.37	84	212971	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.86%
26) 1,2-Dichloroethane-d4	5.06	65	150516	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
32) Benzene-d6	5.07	84	424816	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.09	67	141741	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.80%
41) Toluene-d8	7.34	98	374251	45.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.16%
43) trans-1,3-Dichloropropene-	7.64	79	65177	45.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.12%
47) 2-Hexanone-d5	8.11	63	89901	81.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141505	40.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	149821	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%

Target Compounds

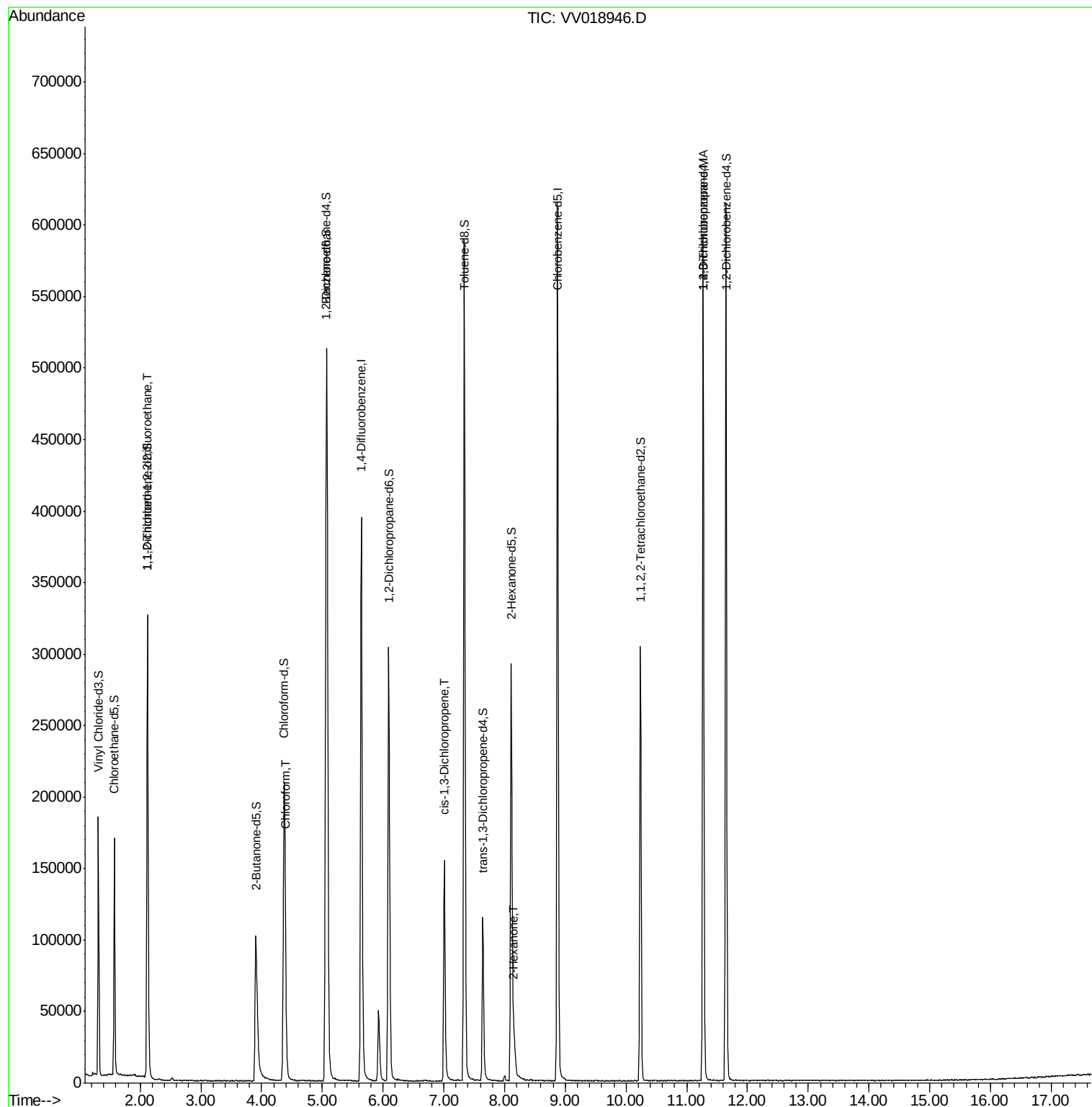
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1524	0.733 ug/L #	20
25) Chloroform	4.40	83	5214	1.140 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	4012	1.026 ug/L #	70
48) 2-Hexanone	8.16	43	17165	6.034 ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	17983	5.710 ug/L	89

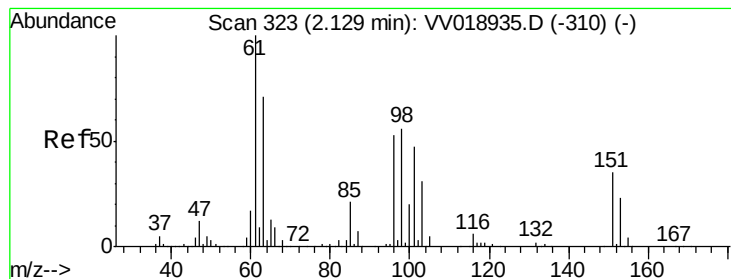
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.733 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018946.D

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VIBLK61

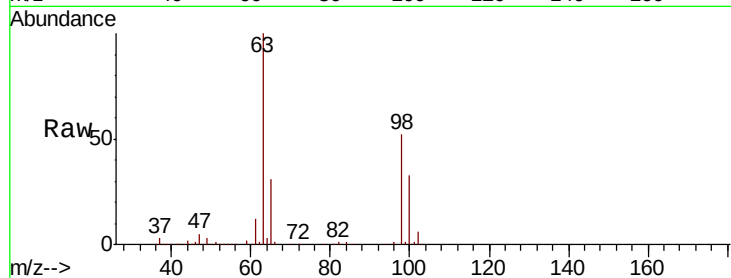
Tot Ion:101 Resp: 1524

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

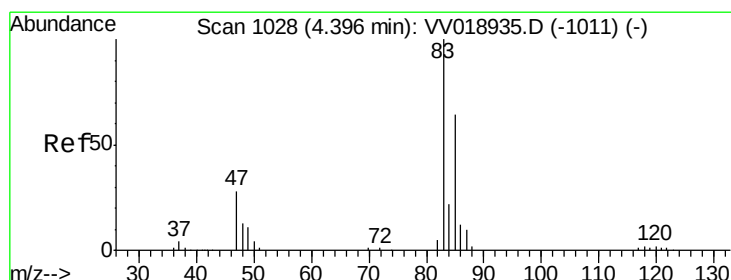
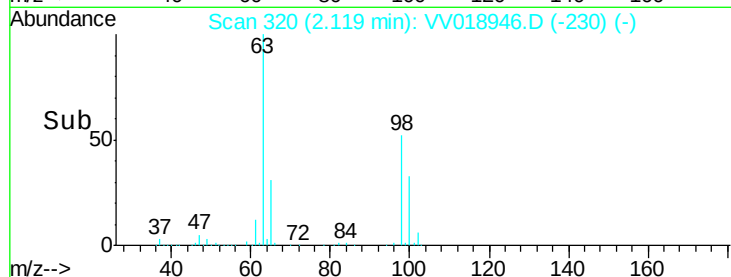
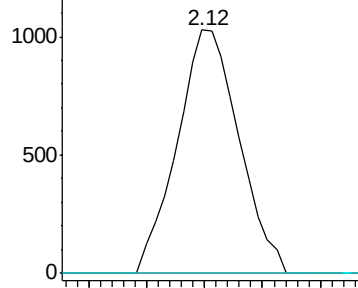
151 0.0 59.7 89.5#



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



#25

Chloroform

Concen: 1.140 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VV018946.D

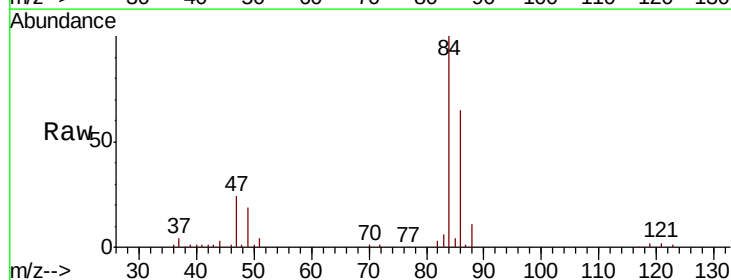
Acq: 16 Oct 2020 18:49

Tgt Ion: 83 Resp: 5214

Ion Ratio Lower Upper

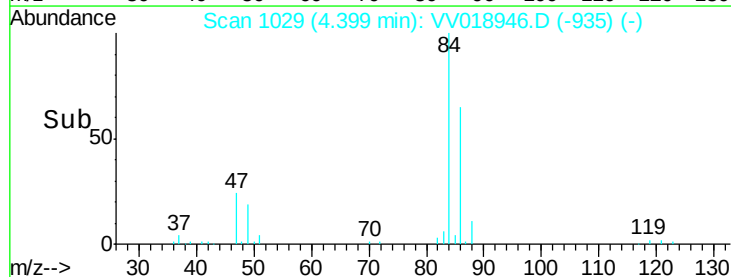
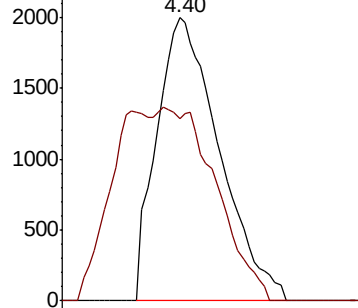
83 100

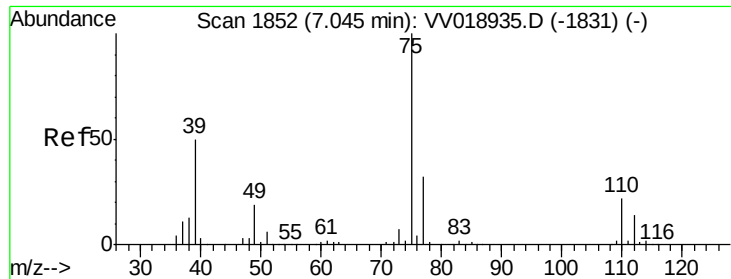
85 64.5 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

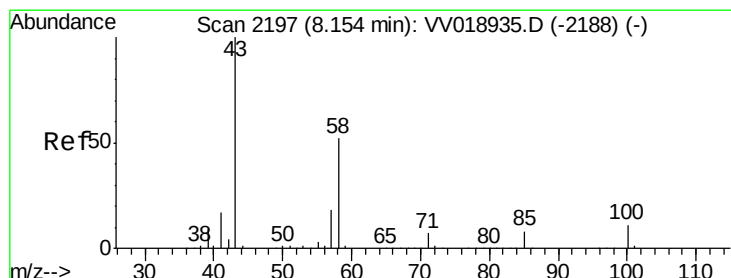
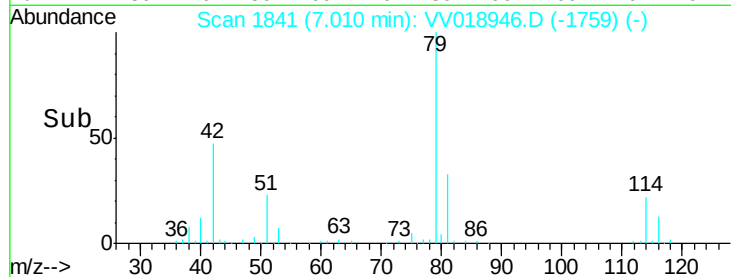
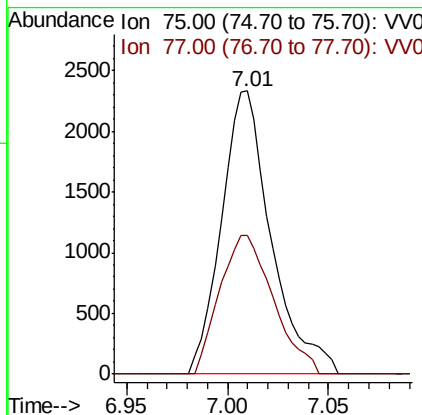
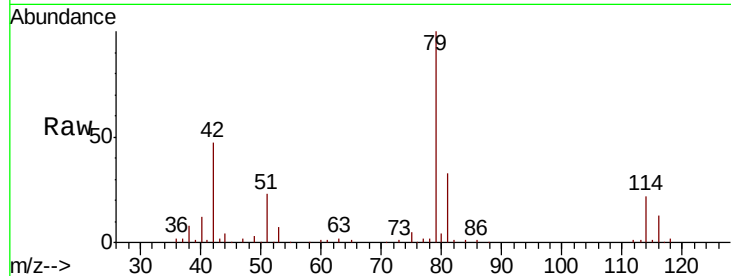




#39
 cis-1,3-Dichloropropene
 Concen: 1.026 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018946.D
 Acq: 16 Oct 2020 18:49

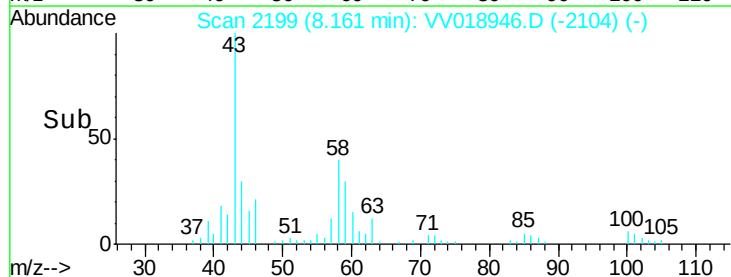
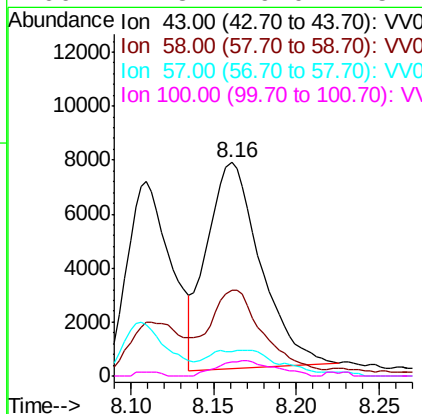
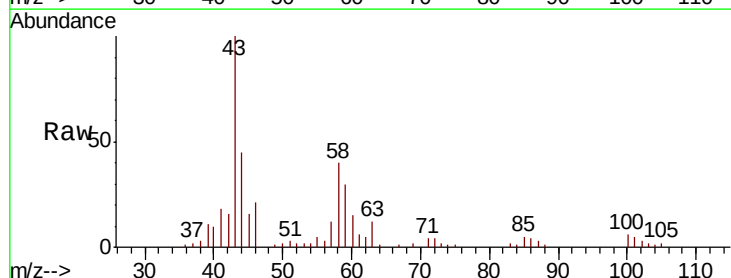
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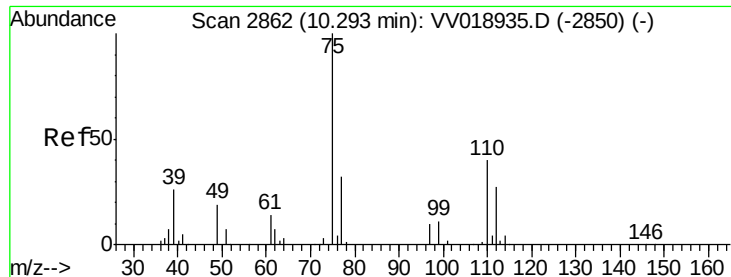
Tot Ion: 75 Resp: 4012
 Ion Ratio Lower Upper
 75 100
 77 49.1 22.5 41.9#



#48
 2-Hexanone
 Concen: 6.034 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV018946.D
 Acq: 16 Oct 2020 18:49

Tgt Ion: 43 Resp: 17165
 Ion Ratio Lower Upper
 43 100
 58 36.3 42.5 63.7#
 57 1.7 14.5 21.7#
 100 7.8 9.0 13.4#





#59

1,2,3-Trichloropropane

Concen: 5.710 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018946.D

Acq: 16 Oct 2020 18:49

Instrument :

MSVOA_V

ClientSampleId :

VIBLK61

Tot Ion: 75 Resp: 17983

Ion Ratio Lower Upper

75 100

77 38.1 25.4 38.2

