

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018364.D
 Acq On : 21 Sep 2020 12:35
 Operator : SY/MD
 Sample : L4066-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFX08

Quant Time: Sep 22 04:36:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 04:28:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	274875	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	275126	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132134	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97053	43.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.64%
7) Chloroethane-d5	1.58	69	80667	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.02%
11) 1,1-Dichloroethene-d2	2.12	63	142434	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.32%
21) 2-Butanone-d5	3.91	46	124084	90.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.50%
24) Chloroform-d	4.38	84	174971	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	5.06	65	116102	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
32) Benzene-d6	5.08	84	352028	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.09	67	112732	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.10%
41) Toluene-d8	7.34	98	310287	43.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.46%
43) trans-1,3-Dichloropropene-	7.64	79	54747	43.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.10%
47) 2-Hexanone-d5	8.11	63	76333	80.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	130559	41.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	133209	49.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.18%

Target Compounds

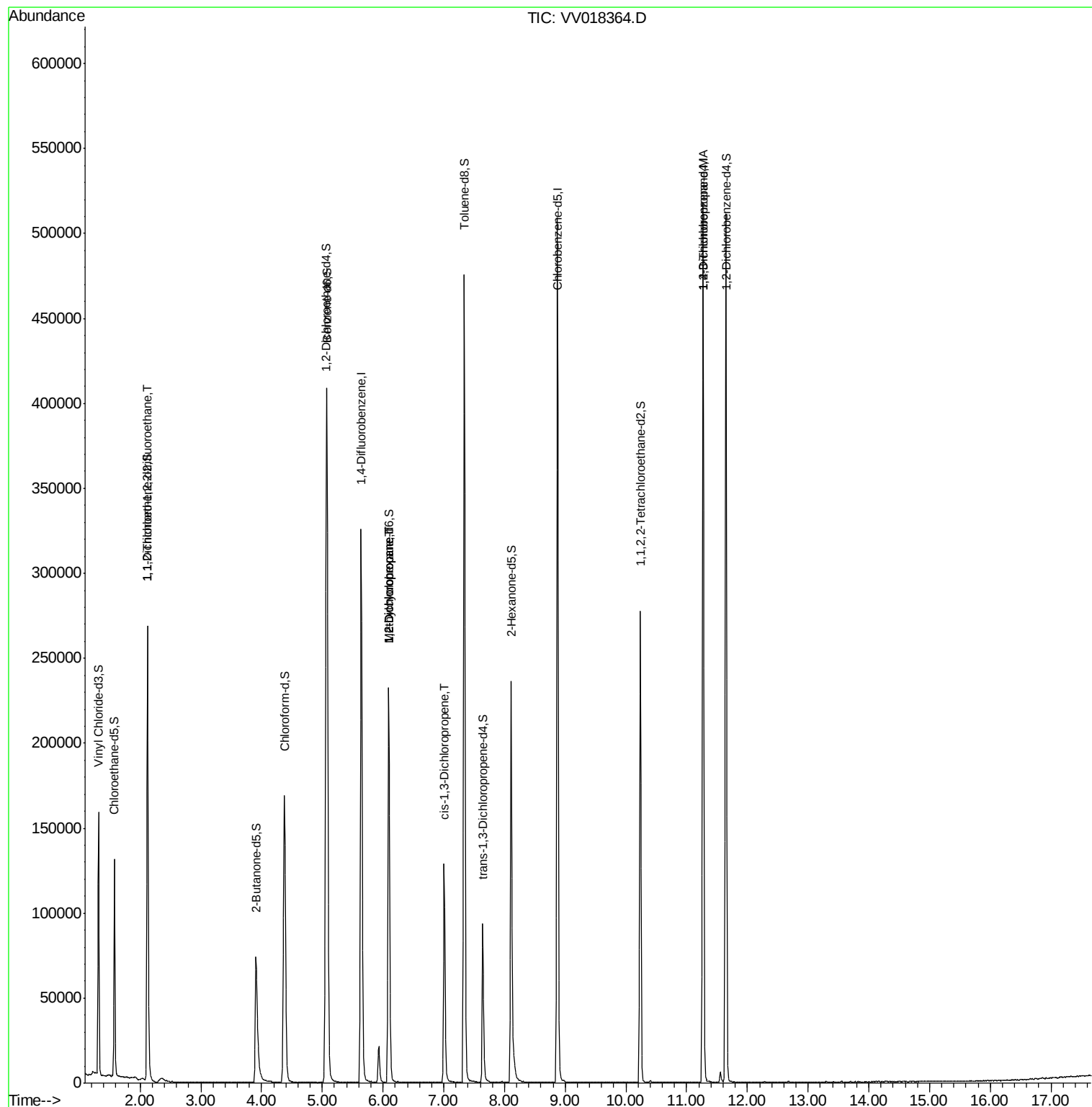
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1367	0.737 ug/L #	19
35) Methylcyclohexane	6.09	83	27268	8.452 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12204	5.855 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3078	0.958 ug/L #	56
59) 1,2,3-Trichloropropane	11.27	75	15379	6.273 ug/L	94

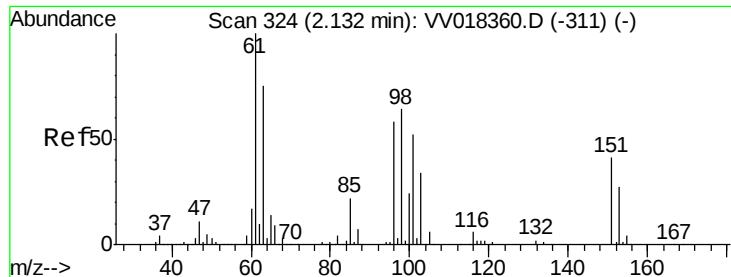
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.737 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018364.D

Acq: 21 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampled :

BFX08

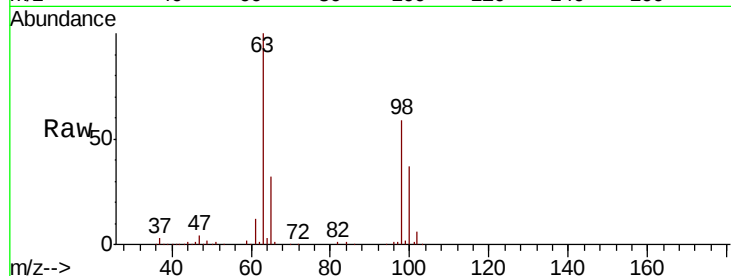
Tot Ion:101 Resp: 1367

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

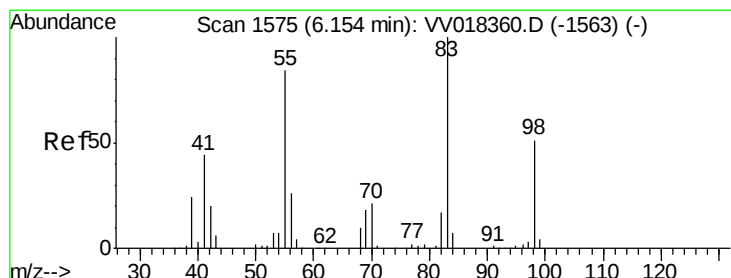
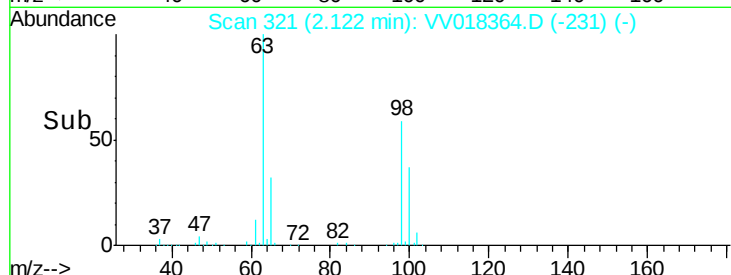
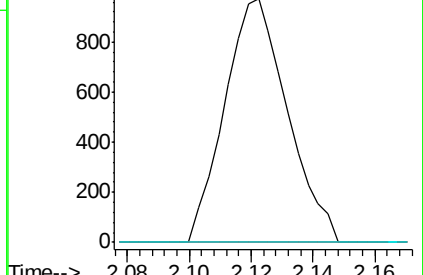
151 0.0 62.2 93.2#



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



#35

Methylcyclohexane

Concen: 8.452 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018364.D

Acq: 21 Sep 2020 12:35

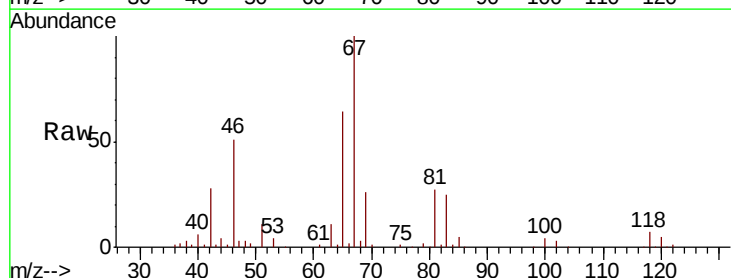
Tgt Ion: 83 Resp: 27268

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

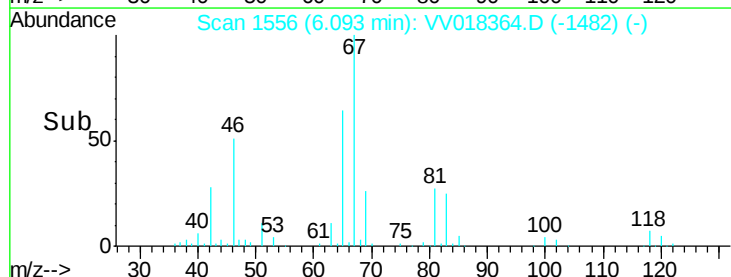
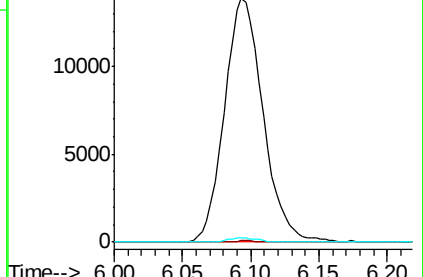
98 1.2 38.8 58.2#

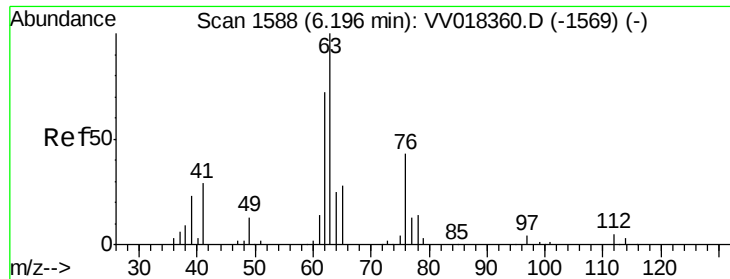


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

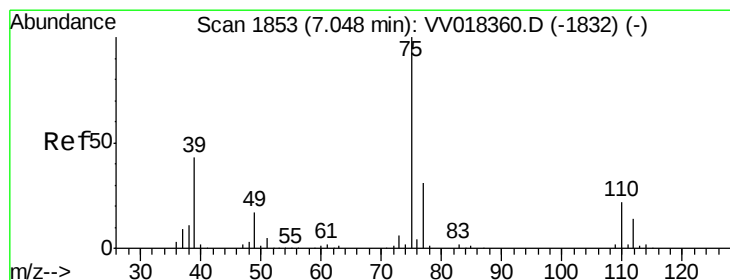
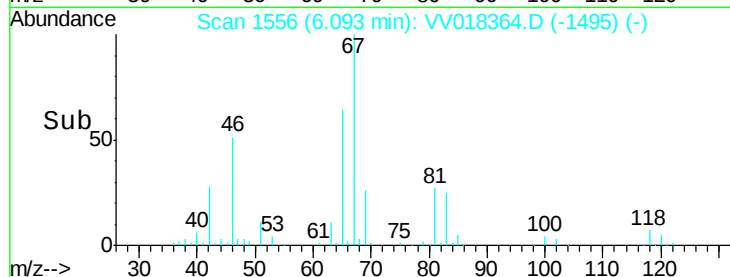
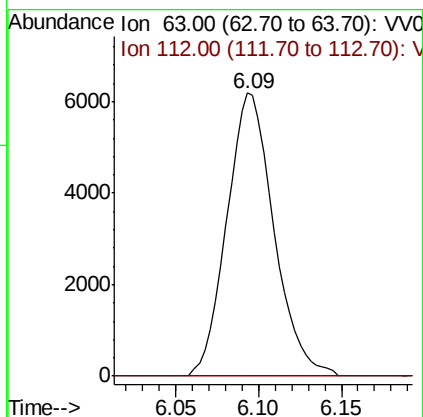
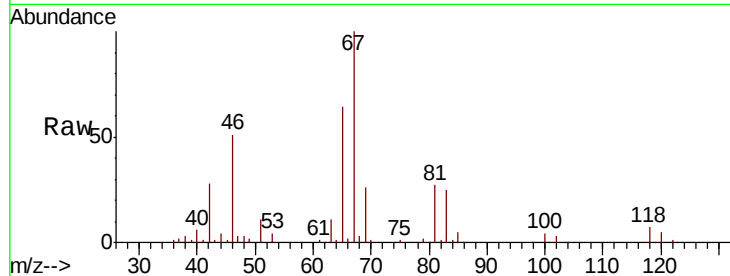




#37
 1,2-Dichloropropane
 Concen: 5.855 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018364.D
 Acq: 21 Sep 2020 12:35

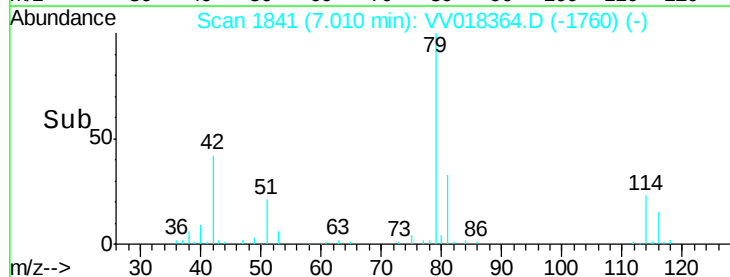
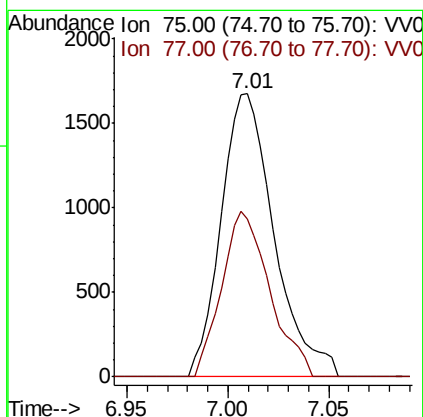
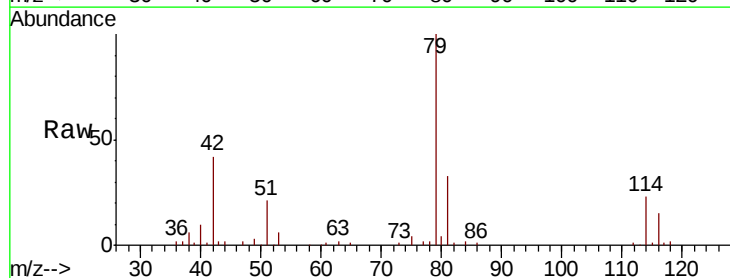
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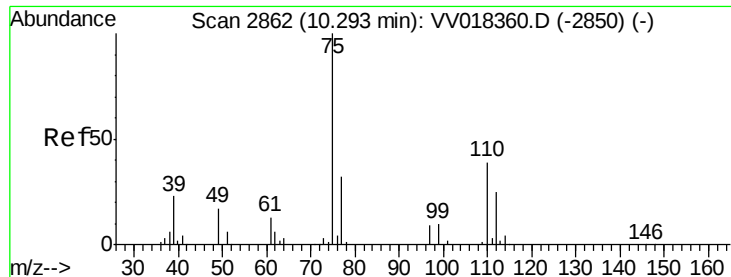
Tot Ion: 63 Resp: 12204
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.958 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018364.D
 Acq: 21 Sep 2020 12:35

Tgt Ion: 75 Resp: 3078
 Ion Ratio Lower Upper
 75 100
 77 56.0 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.273 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018364.D

Acq: 21 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

BFX08

Tot Ion: 75 Resp: 15379

Ion Ratio Lower Upper

75 100

77 35.7 25.8 38.6

