

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
 Data File : VV019060.D
 Acq On : 21 Oct 2020 19:42
 Operator : SY/MD
 Sample : L4483-05 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FH3

Quant Time: Oct 22 06:10:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 06:00:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	290528	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	287342	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137788	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126032	52.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.40%
7) Chloroethane-d5	1.58	69	105143	55.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.98%
11) 1,1-Dichloroethene-d2	2.12	63	174980	38.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.52%
21) 2-Butanone-d5	3.91	46	171887	103.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.11%
24) Chloroform-d	4.37	84	200782	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	5.06	65	147792	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.64%
32) Benzene-d6	5.07	84	388390	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.09	67	137103	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.24%
41) Toluene-d8	7.34	98	417046	55.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.84%
43) trans-1,3-Dichloropropene-	7.64	79	69339	52.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.78%
47) 2-Hexanone-d5	8.11	63	90278	90.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.61%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	130953	41.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	144661	51.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

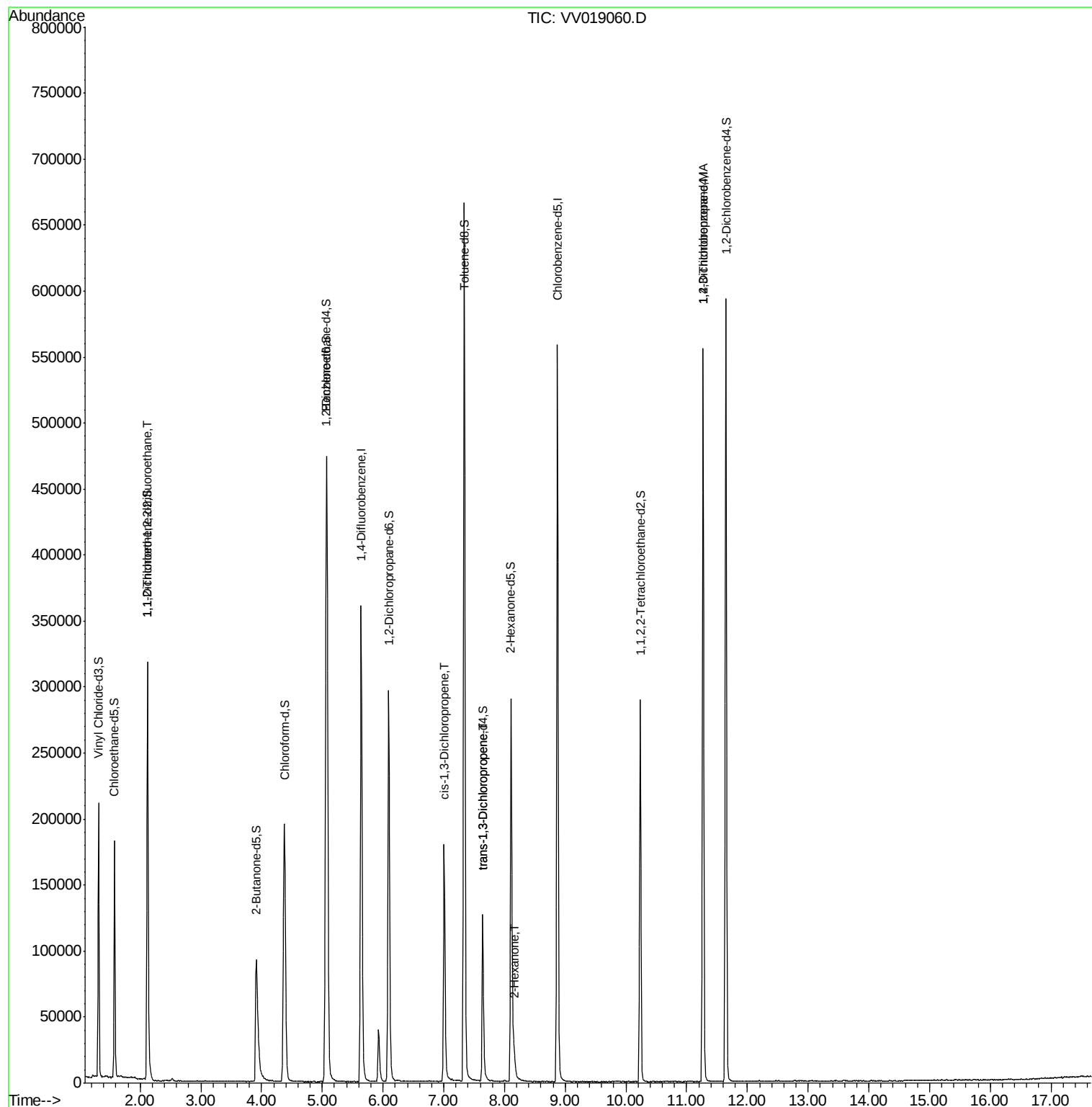
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1342	0.712 ug/L #	20
39) cis-1,3-Dichloropropene	7.01	75	4683	1.322 ug/L #	72
44) trans-1,3-Dichloropropene	7.64	75	3539	1.031 ug/L #	91
48) 2-Hexanone	8.16	43	10344	4.012 ug/L #	85
59) 1,2,3-Trichloropropane	11.27	75	16182	5.669 ug/L #	88

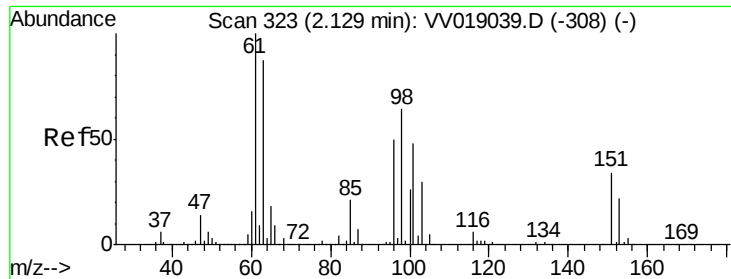
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 22 06:00:52 2020
Response via : Initial Calibration





#10

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

Concen: 0.712 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019060.D

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Instrument :

MSVOA_V

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C0FH3

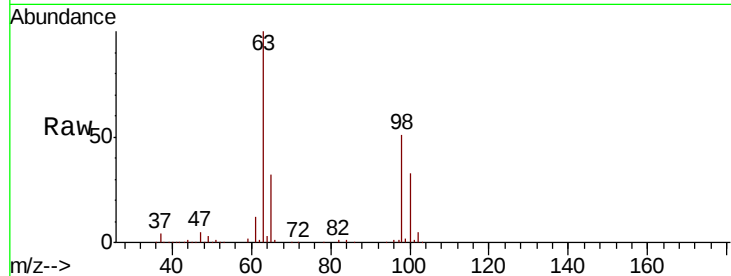
Tot Ion:101 Resp: 1342

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

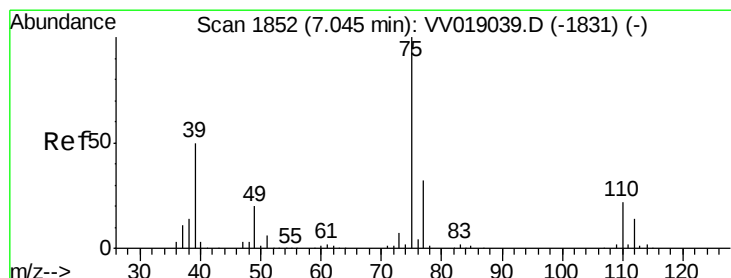
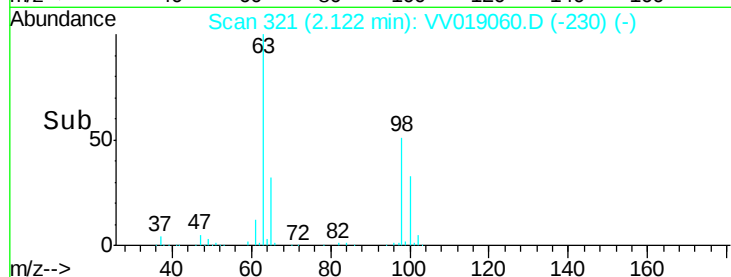
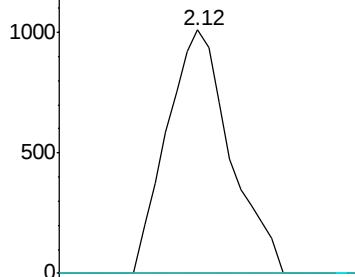
151 0.0 59.7 89.5#



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



#39

cis-1,3-Dichloropropene

Concen: 1.322 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV019060.D

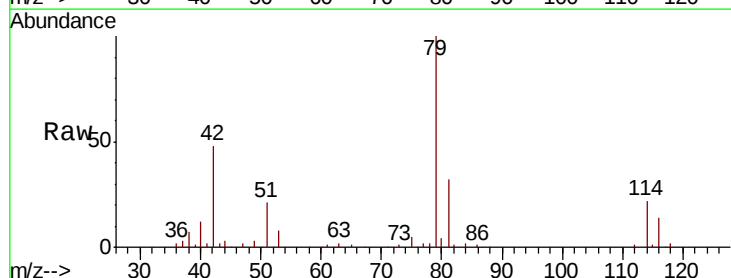
Acq: 21 Oct 2020 19:42

Tgt Ion: 75 Resp: 4683

Ion Ratio Lower Upper

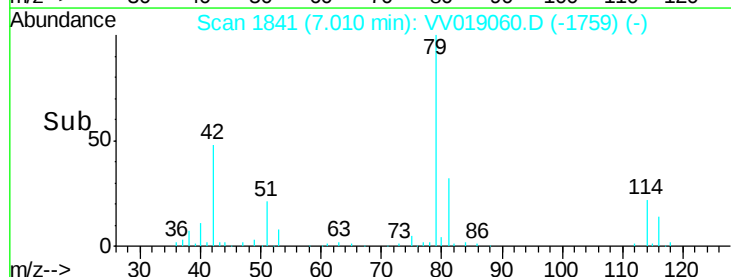
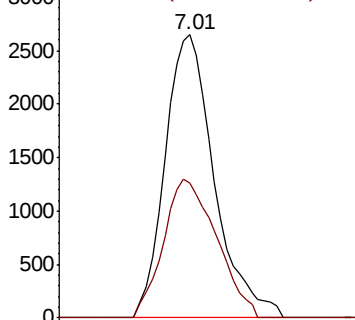
75 100

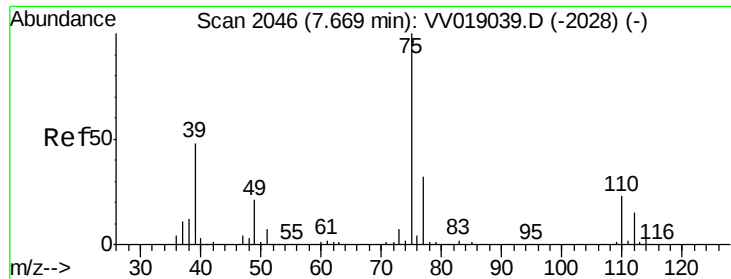
77 47.8 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 1.031 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV019060.D

Acq: 21 Oct 2020 19:42

Instrument :

MSVOA_V

ClientSampleId :

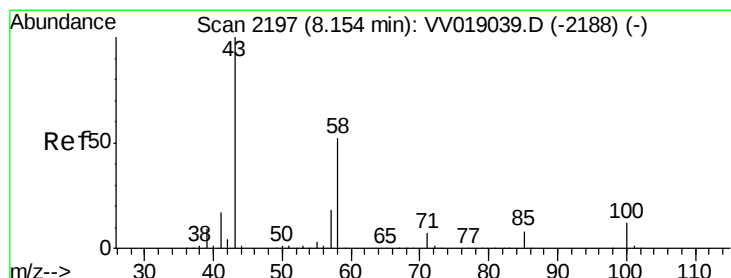
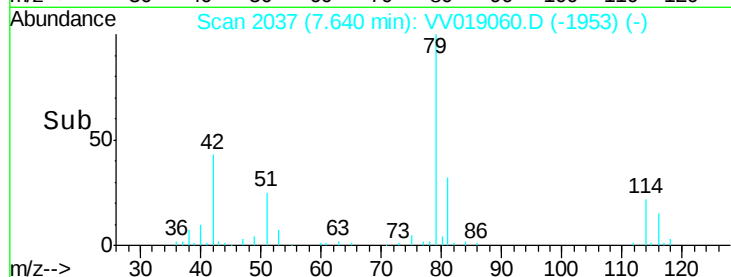
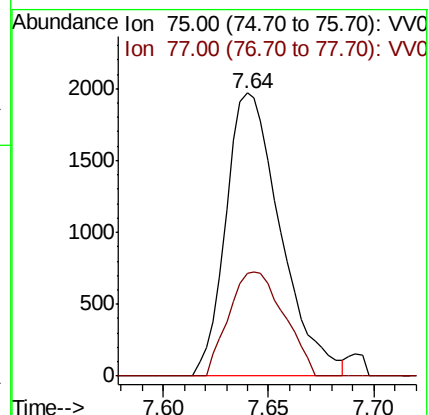
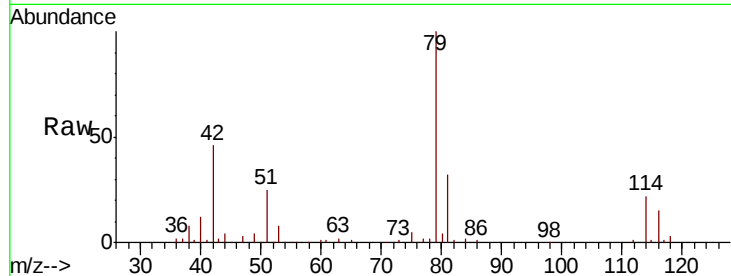
C0FH3

Tot Ion: 75 Resp: 3539

Ion Ratio Lower Upper

75 100

77 36.2 21.9 40.7



#48

2-Hexanone

Concen: 4.012 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV019060.D

Acq: 21 Oct 2020 19:42

Tgt Ion: 43 Resp: 10344

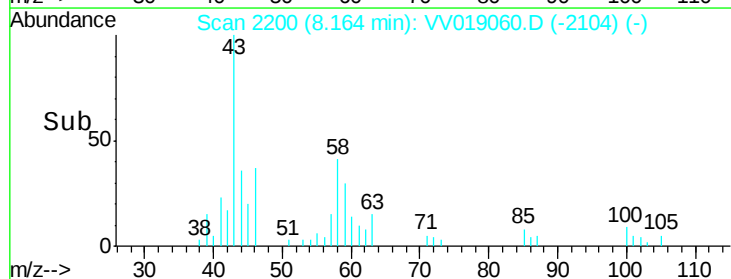
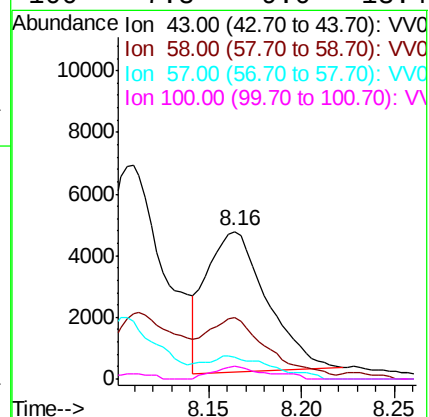
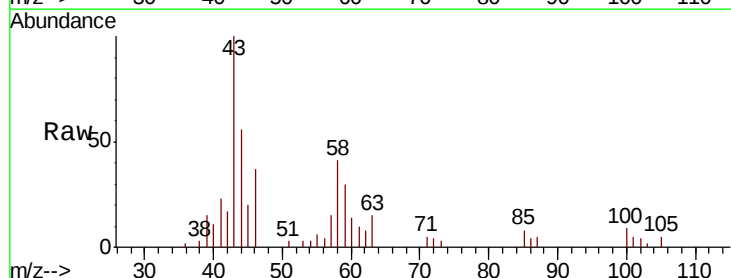
Ion Ratio Lower Upper

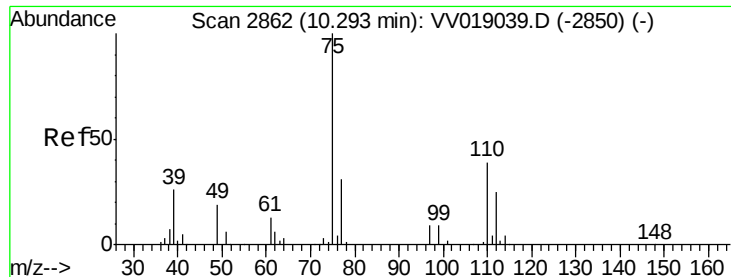
43 100

58 43.2 42.5 63.7

57 9.5 14.5 21.7#

100 7.8 9.0 13.4#





#59

1,2,3-Trichloropropane

Concen: 5.669 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019060.D

Acq: 21 Oct 2020 19:42

Instrument :

MSVOA_V

ClientSampleId :

C0FH3

Tot Ion: 75 Resp: 16182

Ion Ratio Lower Upper

75 100

77 38.6 25.4 38.2#

