

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
 Data File : VV018562.D
 Acq On : 30 Sep 2020 12:20
 Operator : SY/MD
 Sample : L4165-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA3

Quant Time: Oct 01 07:41:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 07:39:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	301570	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	294108	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146988	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81081	45.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.68%
7) Chloroethane-d5	1.58	69	81393	55.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.32%
11) 1,1-Dichloroethene-d2	2.12	63	140905	39.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.20%
21) 2-Butanone-d5	3.92	46	139348	105.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.63%
24) Chloroform-d	4.38	84	186839	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.70%
26) 1,2-Dichloroethane-d4	5.06	65	128996	53.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.26%
32) Benzene-d6	5.08	84	378160	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
36) 1,2-Dichloropropane-d6	6.09	67	118741	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.50%
41) Toluene-d8	7.34	98	349319	49.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.68%
43) trans-1,3-Dichloropropene-	7.64	79	58579	48.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.36%
47) 2-Hexanone-d5	8.11	63	74142	86.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	130992	43.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	156795	55.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.94%

Target Compounds

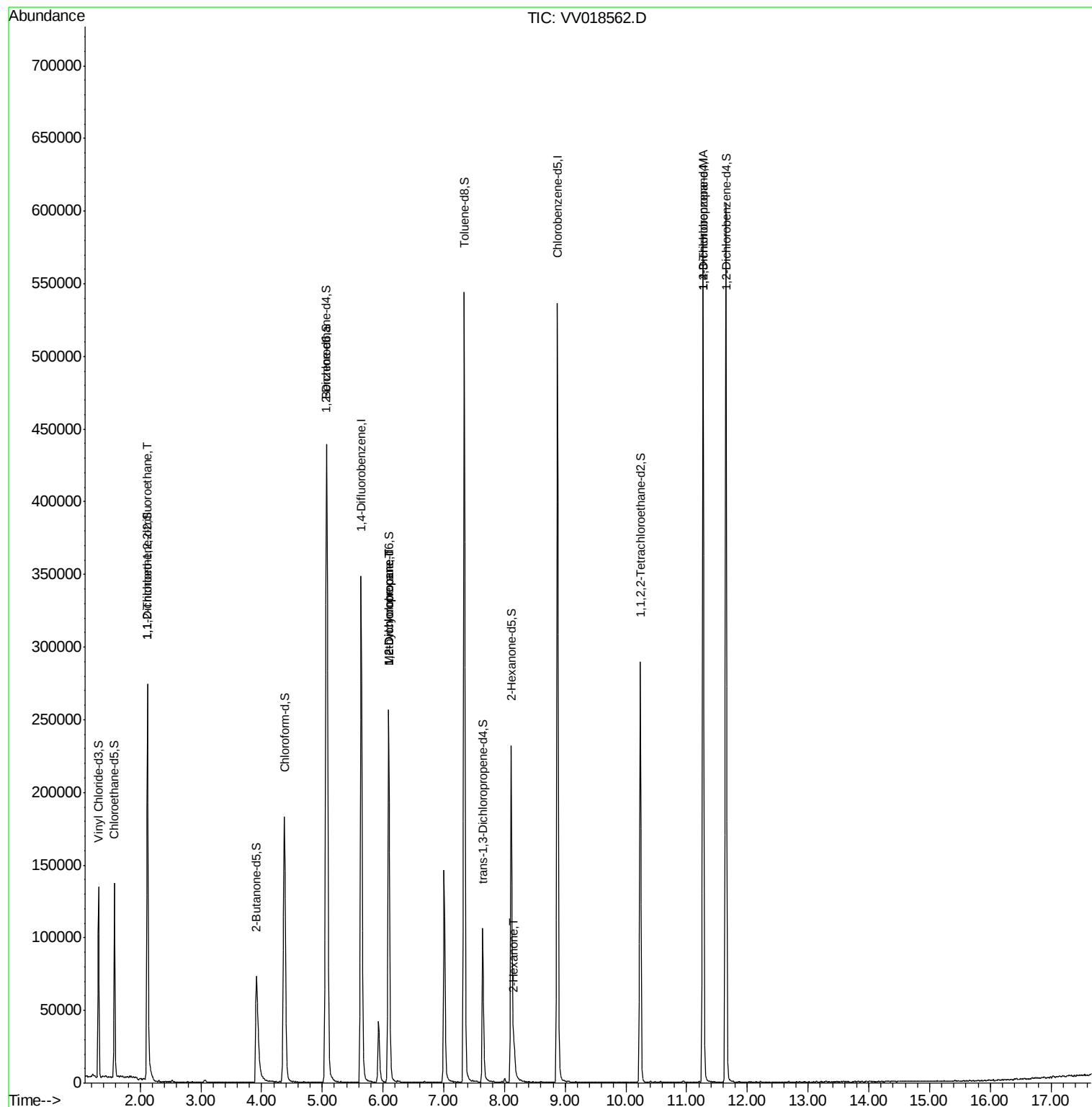
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1464	0.746 ug/L #	17
35) Methylcyclohexane	6.09	83	29502	8.718 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	13713	6.186 ug/L #	85
48) 2-Hexanone	8.16	43	13205	5.917 ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	15926	5.906 ug/L #	84

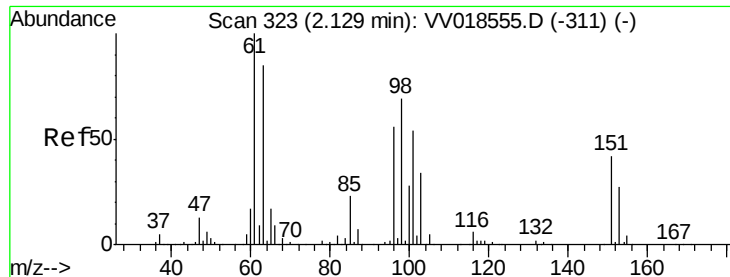
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 07:39:17 2020
Response via : Initial Calibration





#10

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

Concen: 0.746 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018562.D

Acq: 30 Sep 2020 12:20

Instrument :

MSVOA_V

ClientSampleId :

C0AA3

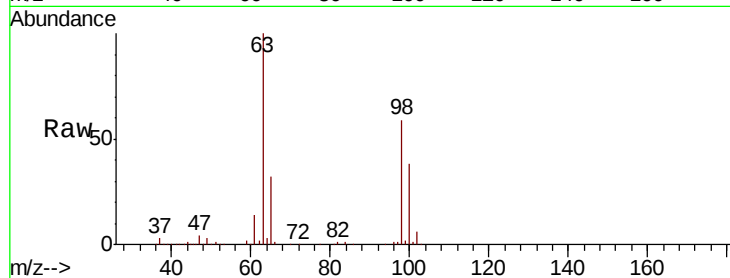
Tot Ion:101 Resp: 1464

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

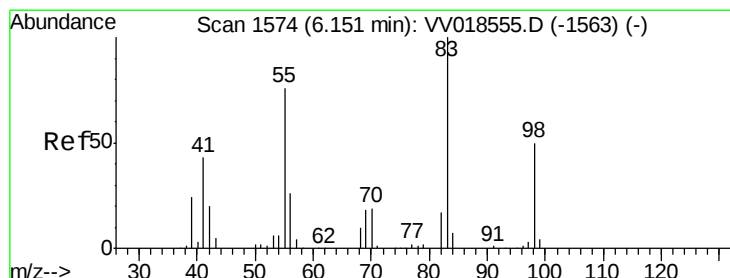
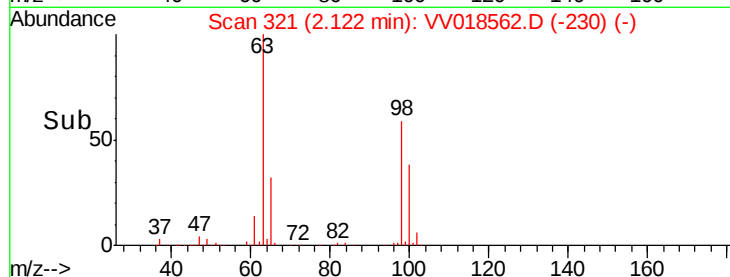
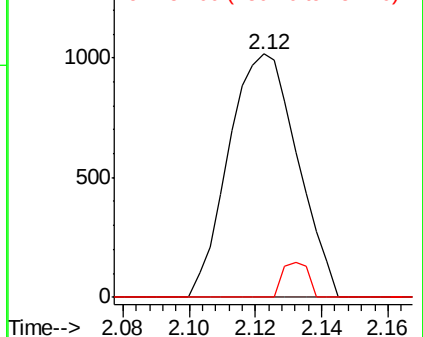
151 0.0 64.3 96.5#



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



#35

Methylcyclohexane

Concen: 8.718 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018562.D

Acq: 30 Sep 2020 12:20

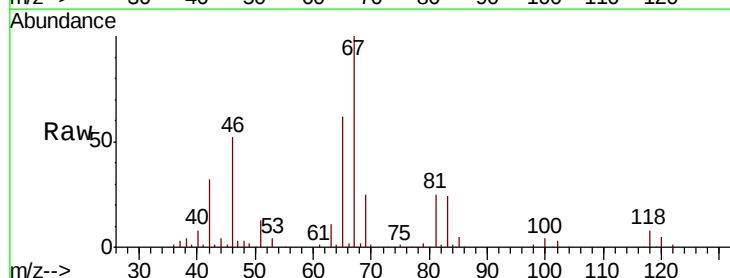
Tgt Ion: 83 Resp: 29502

Ion Ratio Lower Upper

83 100

55 0.3 60.1 90.1#

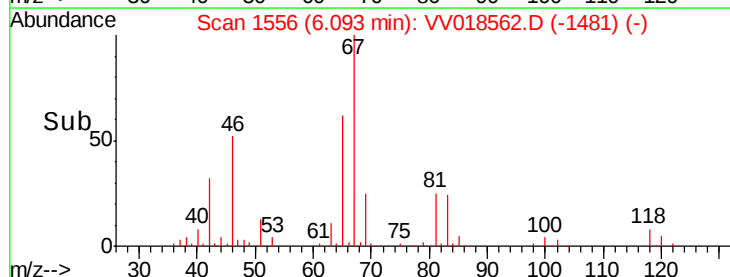
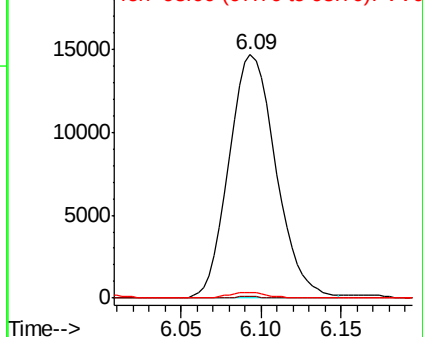
98 1.8 40.2 60.4#

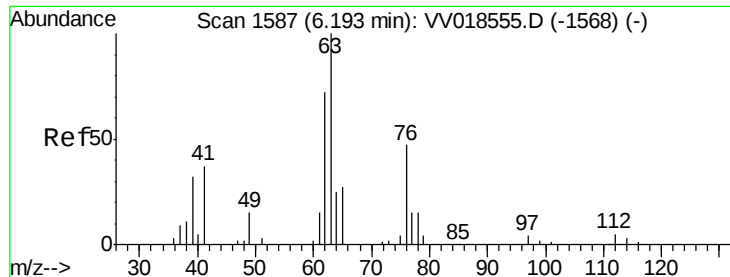


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

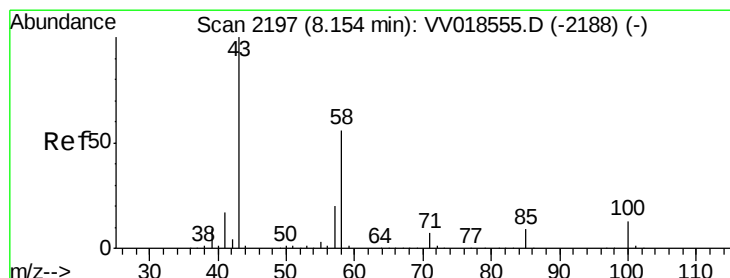
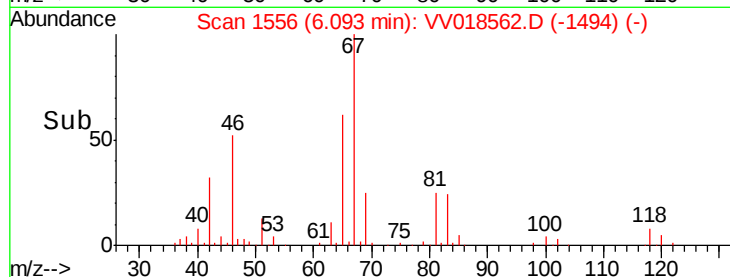
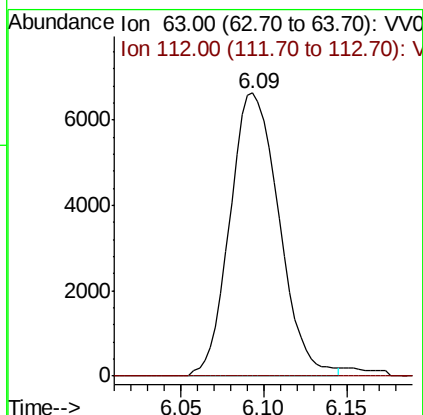
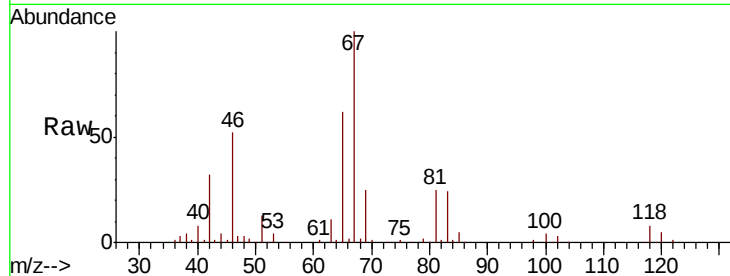




#37
 1,2-Dichloropropane
 Concen: 6.186 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018562.D
 Acq: 30 Sep 2020 12:20

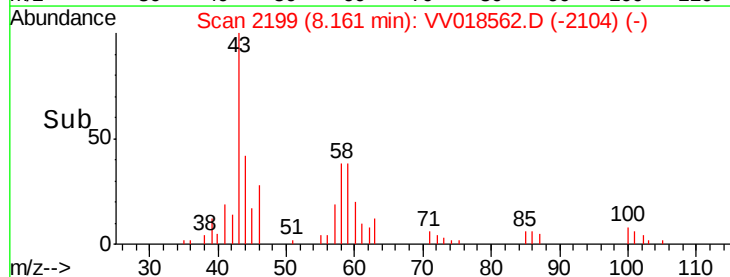
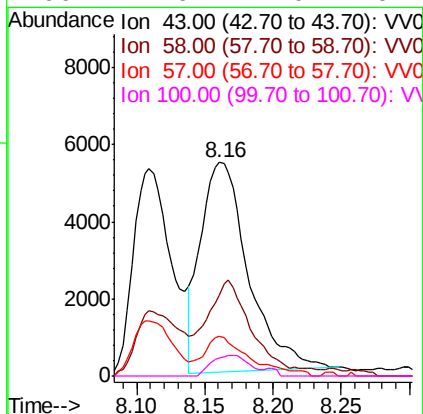
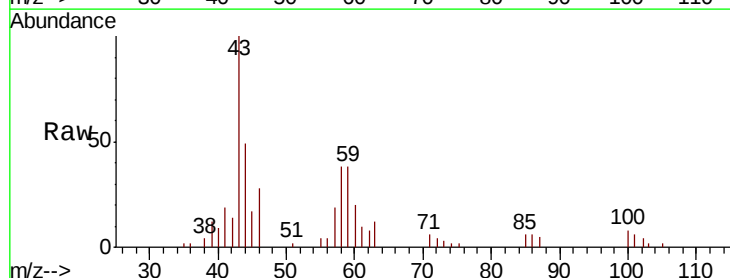
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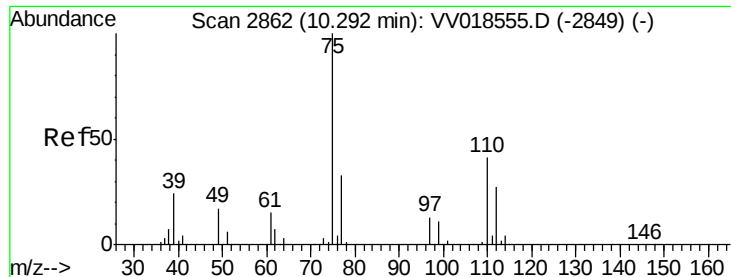
Tot Ion: 63 Resp: 13713
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#48
 2-Hexanone
 Concen: 5.917 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV018562.D
 Acq: 30 Sep 2020 12:20

Tgt Ion: 43 Resp: 13205
 Ion Ratio Lower Upper
 43 100
 58 35.1 45.1 67.7#
 57 9.7 15.7 23.5#
 100 7.6 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 5.906 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018562.D

Acq: 30 Sep 2020 12:20

Instrument :

MSVOA_V

ClientSampleId :

C0AA3

Tot Ion: 75 Resp: 15926

Ion Ratio Lower Upper

75 100

77 40.3 25.4 38.0#

