

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018362.D
 Acq On : 21 Sep 2020 11:50
 Operator : SY/MD
 Sample : L4065-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH5

Quant Time: Sep 22 04:35:48 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	266758	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	266109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128069	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98424	45.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.54%
7) Chloroethane-d5	1.58	69	82691	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.96%
11) 1,1-Dichloroethene-d2	2.12	63	144900	36.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.68%
21) 2-Butanone-d5	3.91	46	119271	89.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.63%
24) Chloroform-d	4.37	84	178002	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
26) 1,2-Dichloroethane-d4	5.05	65	119563	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
32) Benzene-d6	5.07	84	358708	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
36) 1,2-Dichloropropane-d6	6.09	67	116112	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.94%
41) Toluene-d8	7.34	98	320342	46.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.28%
43) trans-1,3-Dichloropropene-	7.64	79	55954	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.98%
47) 2-Hexanone-d5	8.11	63	74463	81.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129943	42.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	132694	50.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.90%

Target Compounds

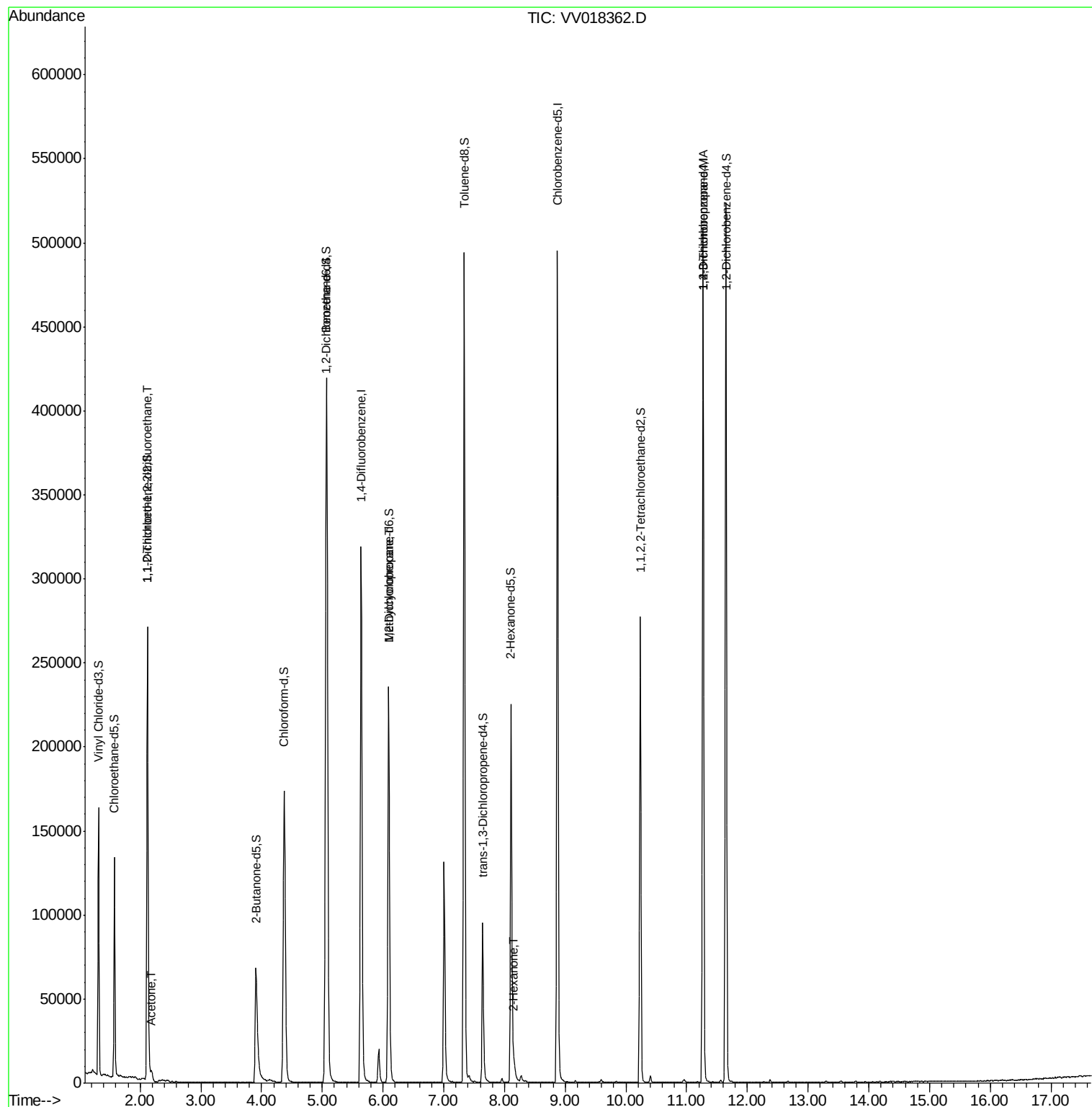
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1247	0.693 ug/L #	19
13) Acetone	2.19	43	7171	6.730 ug/L	100
35) Methylcyclohexane	6.09	83	27529	8.822 ug/L #	17
48) 2-Hexanone	8.16	43	5128	2.659 ug/L #	50
59) 1,2,3-Trichloropropane	11.27	75	14884	6.277 ug/L	93

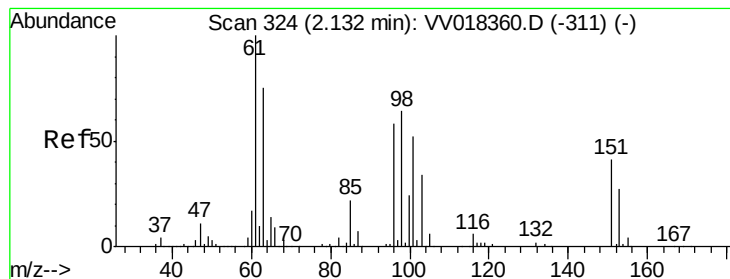
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.693 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

C0AH5

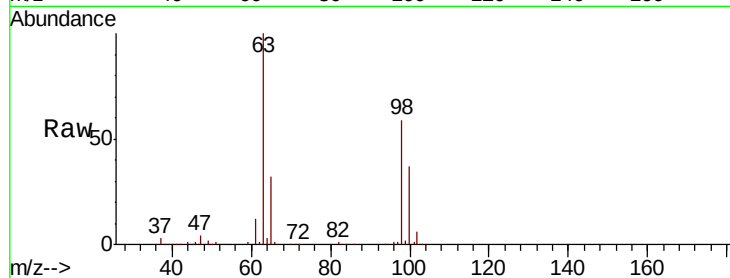
Tot Ion:101 Resp: 1247

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

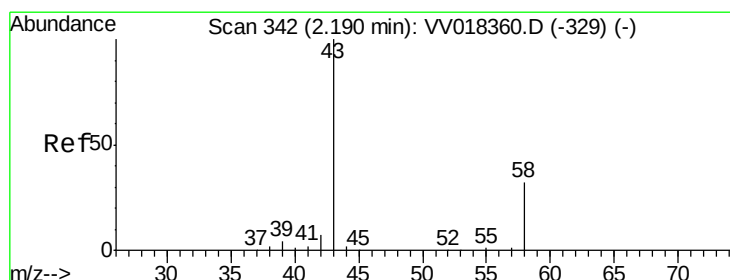
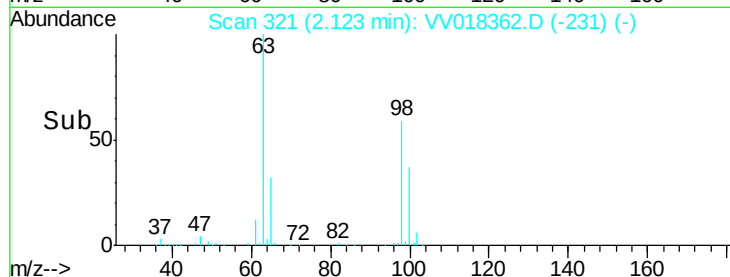
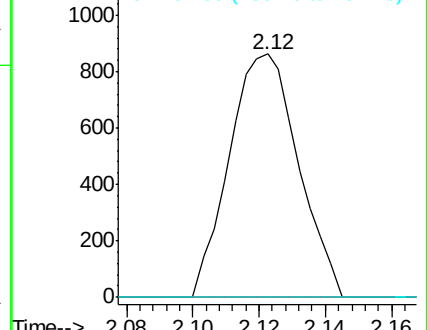
151 0.0 62.2 93.2#



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



#13

Acetone

Concen: 6.730 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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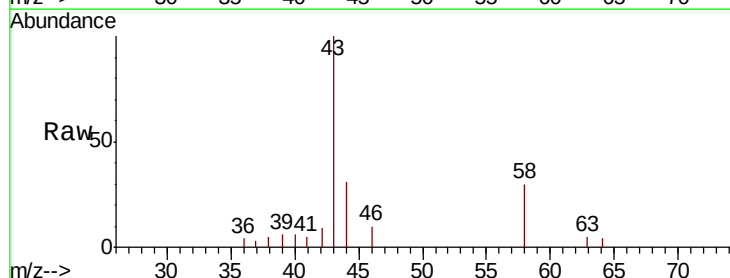
Acq: 21 Sep 2020 11:50

Tgt Ion: 43 Resp: 7171

Ion Ratio Lower Upper

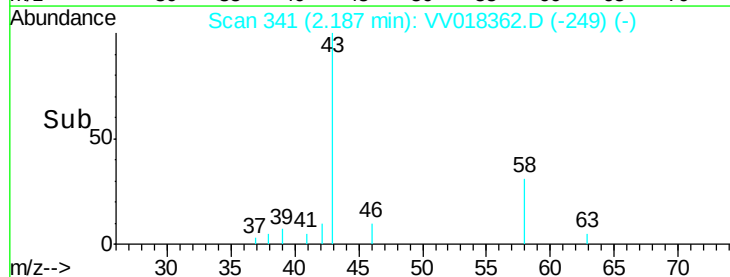
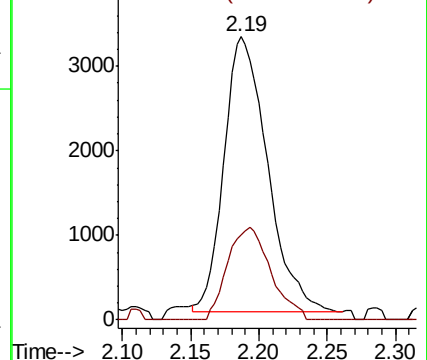
43 100

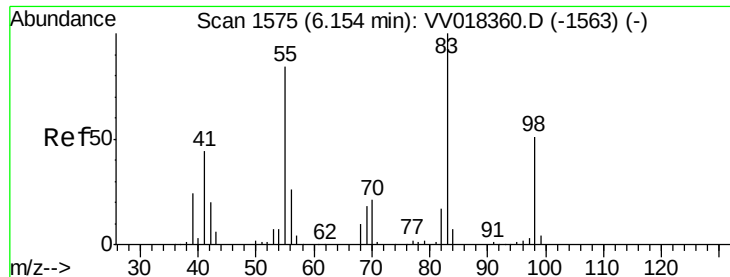
58 33.6 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

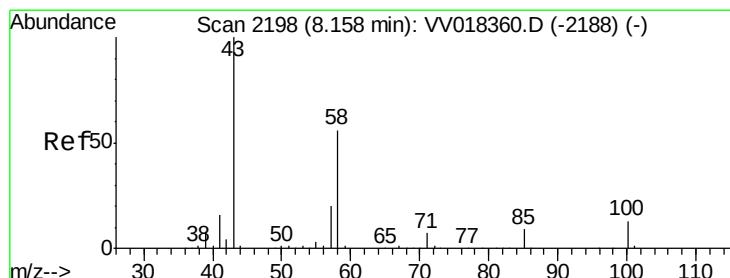
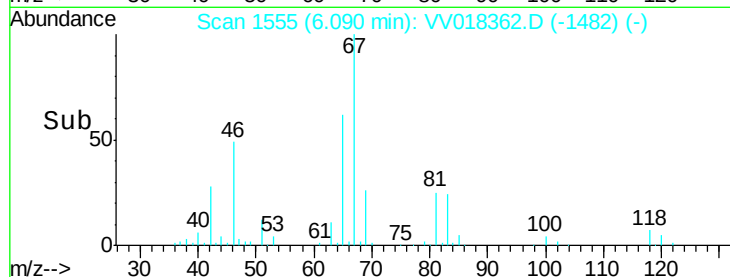
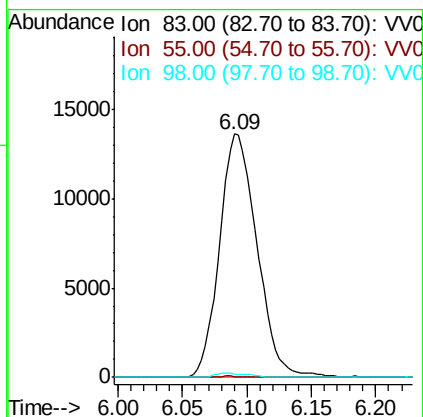
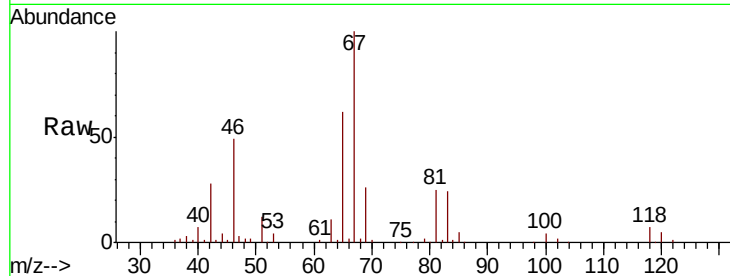




#35
Methylcyclohexane
Concen: 8.822 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018362.D
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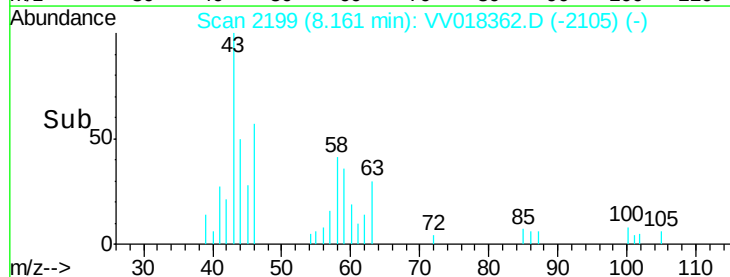
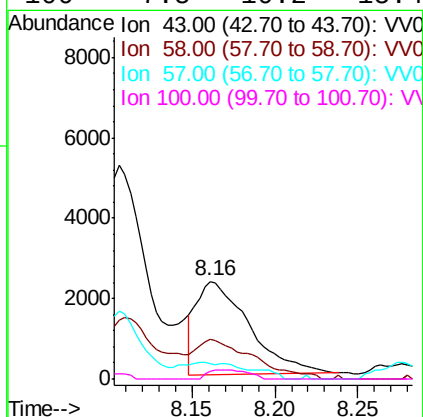
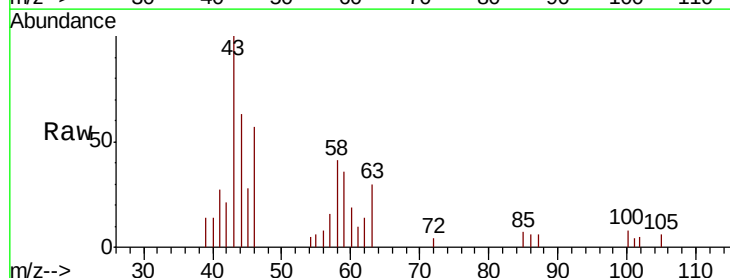
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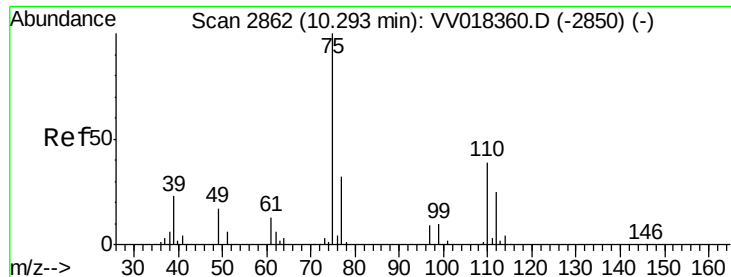
Tot Ion: 83 Resp: 27529
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 0.8 38.8 58.2#



#48
2-Hexanone
Concen: 2.659 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018362.D
Acq: 21 Sep 2020 11:50

Tgt Ion: 43 Resp: 5128
Ion Ratio Lower Upper
43 100
58 11.8 44.8 67.2#
57 0.0 15.8 23.6#
100 7.5 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.277 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018362.D

Acq: 21 Sep 2020 11:50

Instrument :

MSVOA_V

ClientSampleId :

C0AH5

Tot Ion: 75 Resp: 14884

Ion Ratio Lower Upper

75 100

77 36.4 25.8 38.6

