

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019035.D
 Acq On : 21 Oct 2020 01:28
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 08:05:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 07:57:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	267101	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	265220	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125910	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117468	53.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.86%
7) Chloroethane-d5	1.58	69	100951	57.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.90%
11) 1,1-Dichloroethene-d2	2.12	63	178941	43.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.22%
21) 2-Butanone-d5	3.92	46	140695	91.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.81%
24) Chloroform-d	4.38	84	190432	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
26) 1,2-Dichloroethane-d4	5.06	65	139497	53.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.40%
32) Benzene-d6	5.07	84	376762	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.32%
36) 1,2-Dichloropropane-d6	6.09	67	121350	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.04%
41) Toluene-d8	7.34	98	332558	47.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.76%
43) trans-1,3-Dichloropropene-	7.64	79	56887	47.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.02%
47) 2-Hexanone-d5	8.11	63	79404	86.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.34%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	135550	46.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	136236	53.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.36%

Target Compounds

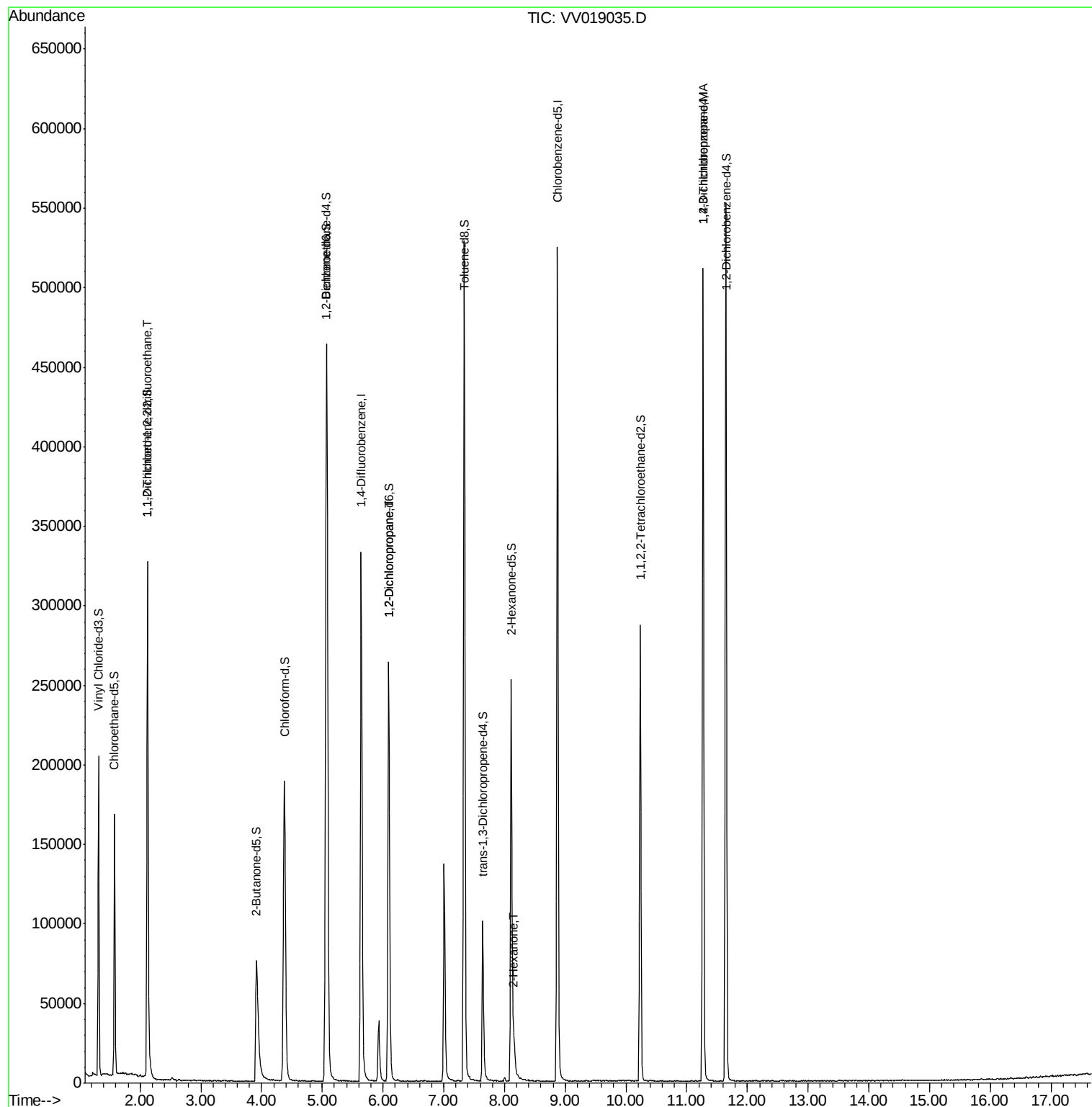
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1597	0.922 ug/L #	20
37) 1,2-Dichloropropane	6.09	63	14643	6.728 ug/L #	88
48) 2-Hexanone	8.16	43	11776	4.948 ug/L #	77
59) 1,2,3-Trichloropropane	11.27	75	15387	5.841 ug/L	92

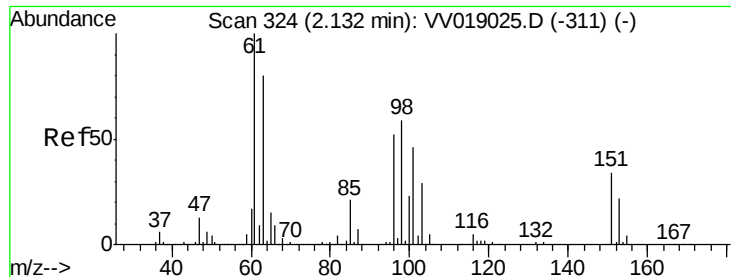
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.922 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Acq: 21 Oct 2020 01:28

Instrument :

MSVOA_V

ClientSampled :

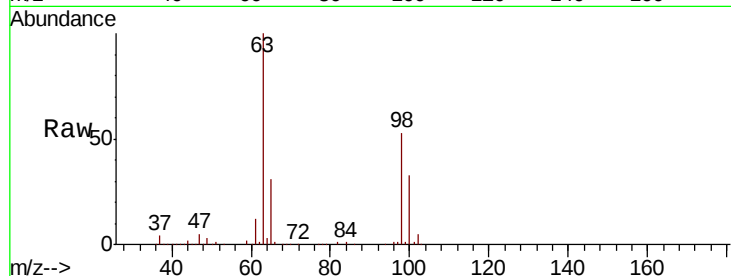
Tot Ion:101 Resp: 1597

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

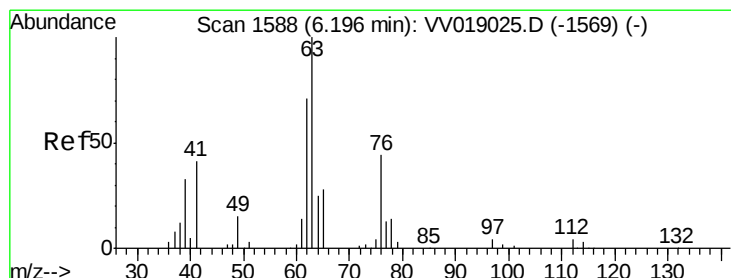
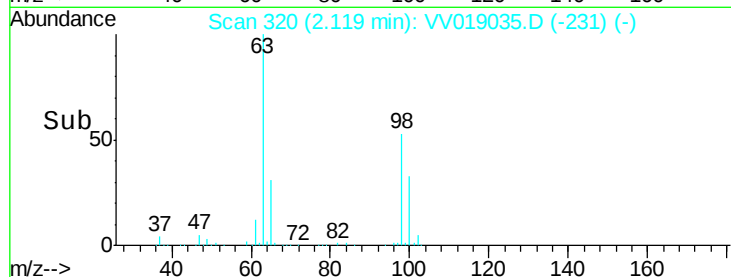
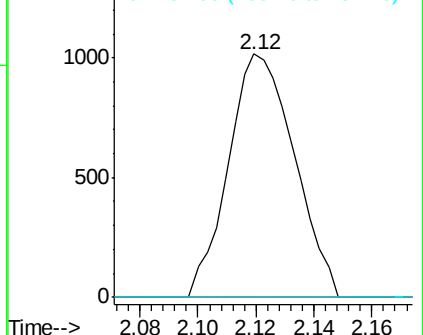
151 0.0 59.7 89.5#



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



#37

1,2-Dichloropropane

Concen: 6.728 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.11 min

Lab File: VV019035.D

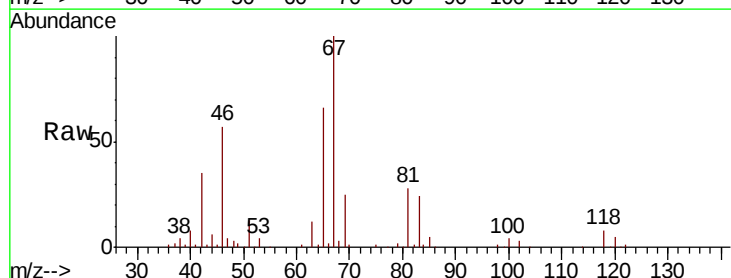
Acq: 21 Oct 2020 01:28

Tgt Ion: 63 Resp: 14643

Ion Ratio Lower Upper

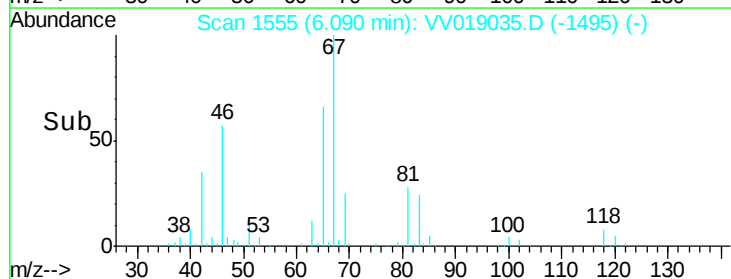
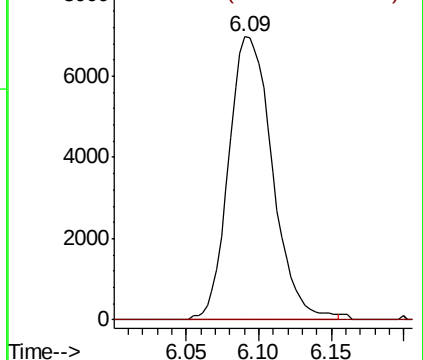
63 100

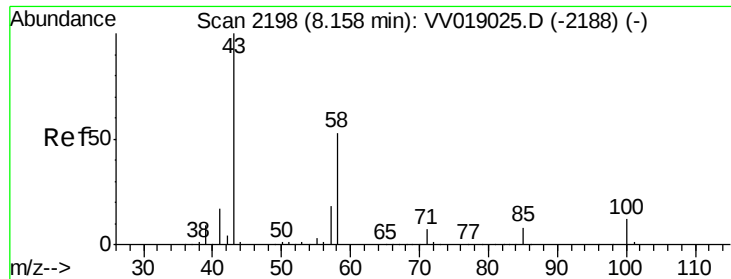
112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

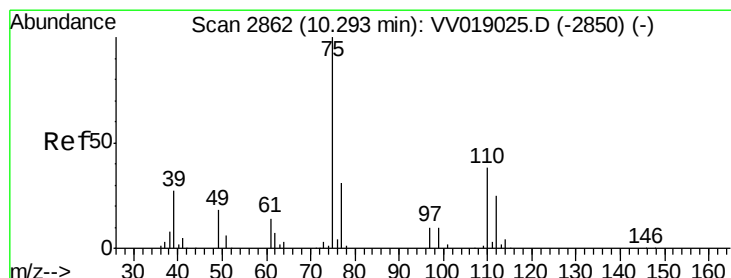
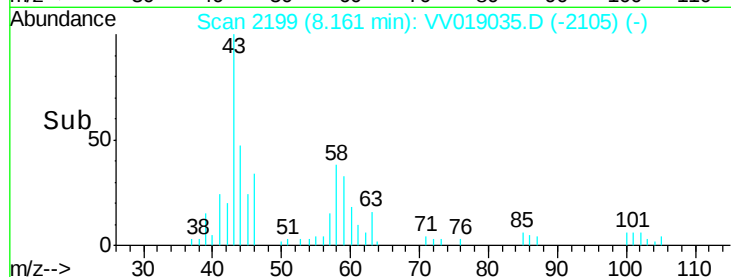
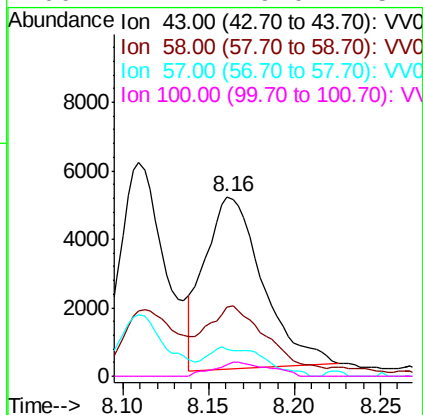
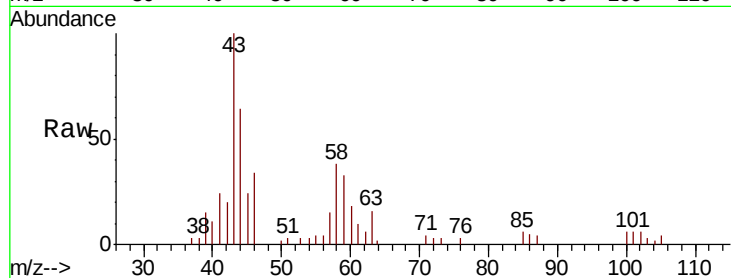




#48
2-Hexanone
Concen: 4.948 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
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MSVOA_V
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Tot Ion: 43 Resp: 11776
Ion Ratio Lower Upper
43 100
58 37.2 42.5 63.7#
57 3.6 14.5 21.7#
100 7.7 9.0 13.4#



#59
1,2,3-Trichloropropane
Concen: 5.841 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019035.D
Acq: 21 Oct 2020 01:28

Tgt Ion: 75 Resp: 15387
Ion Ratio Lower Upper
75 100
77 36.2 25.4 38.2

