

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111020\
 Data File : VV019325.D
 Acq On : 10 Nov 2020 15:54
 Operator : SY/MD
 Sample : L4693-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 02:17:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 02:14:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	255089	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	253398	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120570	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103155	50.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.78%
7) Chloroethane-d5	1.58	69	84789	53.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.68%
11) 1,1-Dichloroethene-d2	2.12	63	157891	40.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.88%
21) 2-Butanone-d5	3.91	46	119932	96.59	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.59%
24) Chloroform-d	4.37	84	175413	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	5.06	65	123842	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
32) Benzene-d6	5.07	84	339530	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
36) 1,2-Dichloropropane-d6	6.09	67	109566	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.24%
41) Toluene-d8	7.34	98	301057	43.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.64	79	51927	41.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.74%
47) 2-Hexanone-d5	8.11	63	67421	72.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.64%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	117724	40.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	119940	47.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.70%

Target Compounds

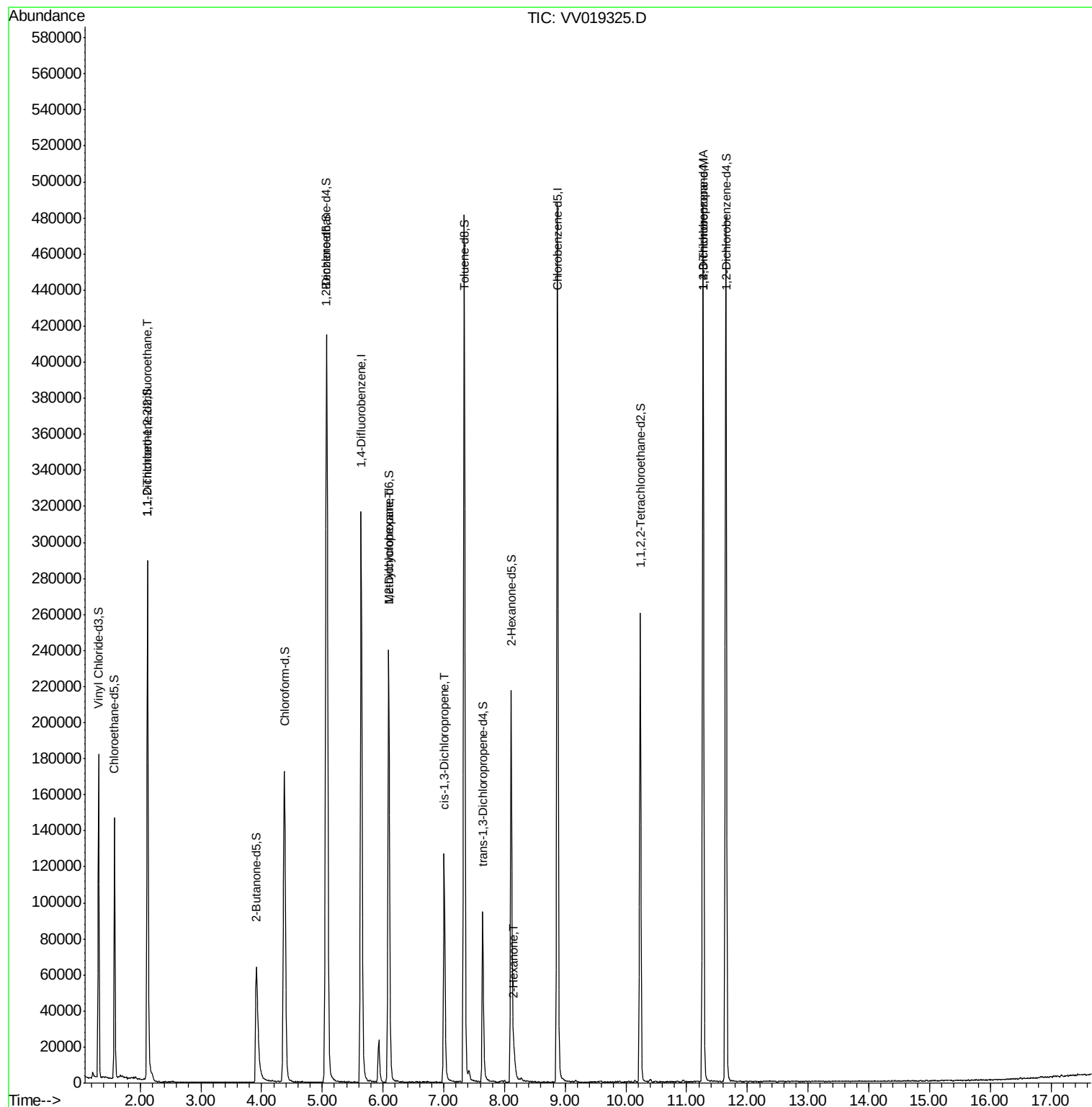
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1394	0.835	ug/L # 17
35) Methylcyclohexane	6.09	83	27020	10.000	ug/L # 18
39) cis-1,3-Dichloropropene	7.01	75	3321	1.108	ug/L # 74
48) 2-Hexanone	8.16	43	8312	4.178	ug/L # 44
59) 1,2,3-Trichloropropane	11.27	75	14286	6.023	ug/L # 88

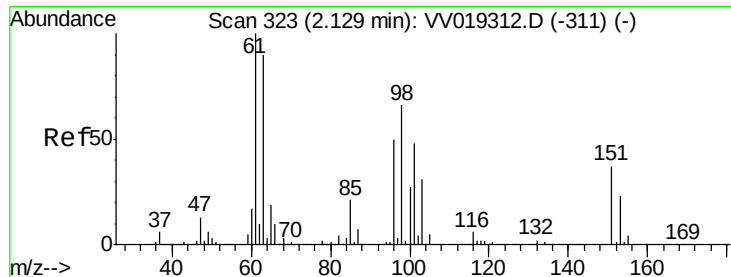
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.835 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019325.D

Acq: 10 Nov 2020 15:54

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MSVOA_V

ClientSampleId :

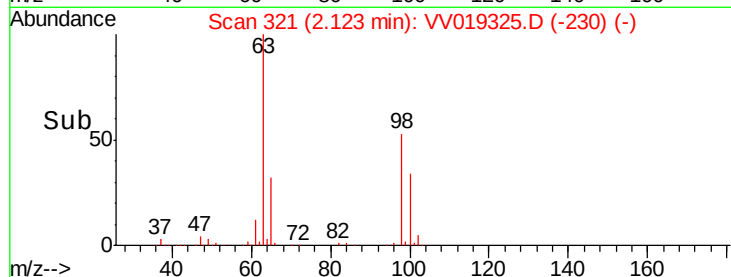
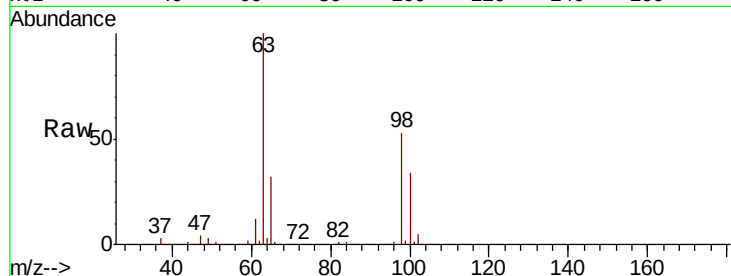
Tot Ion:101 Resp: 1394

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

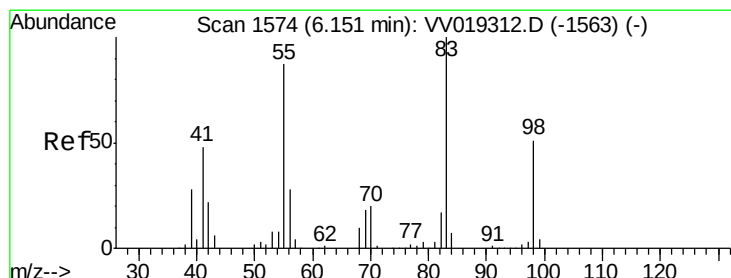
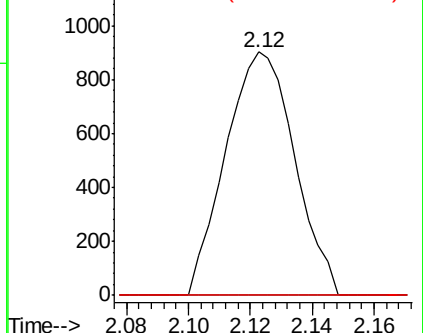
151 0.0 65.0 97.4#



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: 10.000 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019325.D

Acq: 10 Nov 2020 15:54

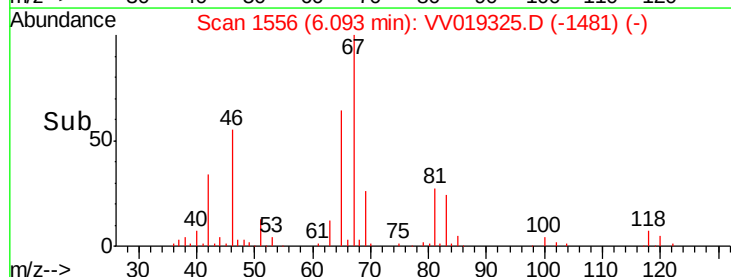
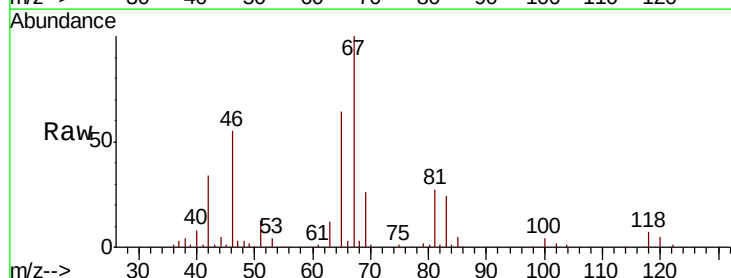
Tgt Ion: 83 Resp: 27020

Ion Ratio Lower Upper

83 100

55 0.5 62.2 93.4#

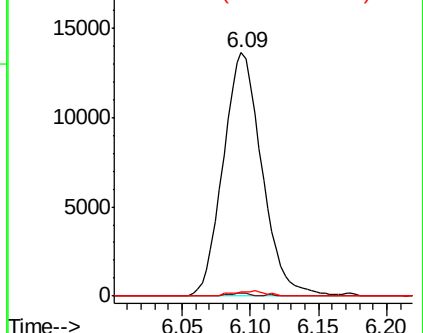
98 0.5 39.4 59.2#

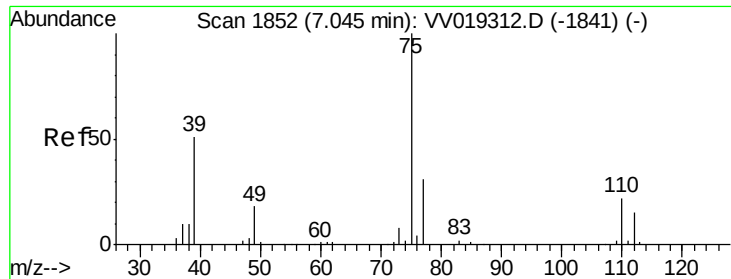


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

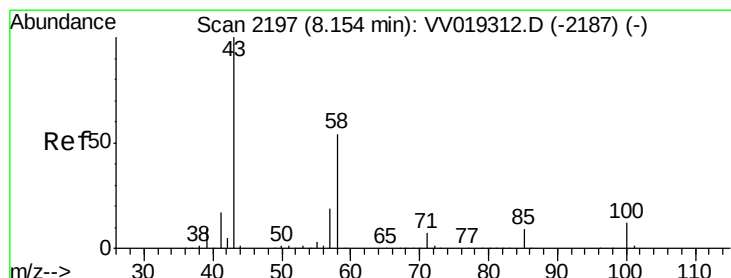
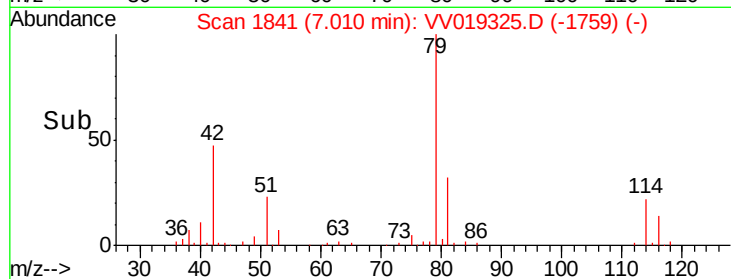
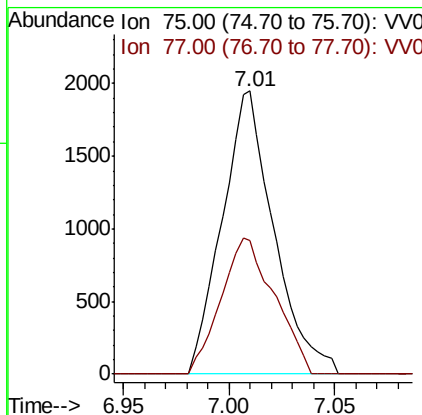
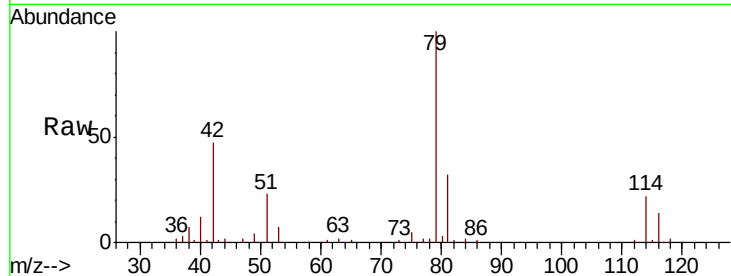




#39
 cis-1,3-Dichloropropene
 Concen: 1.108 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV019325.D
 Acq: 10 Nov 2020 15:54

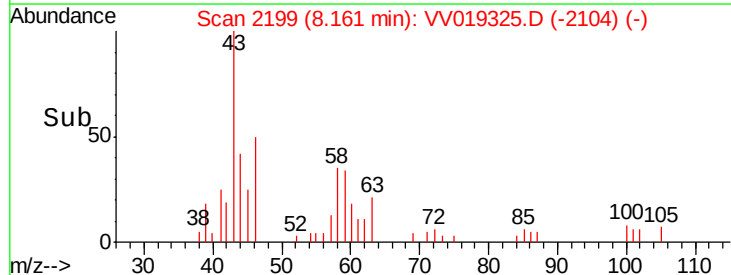
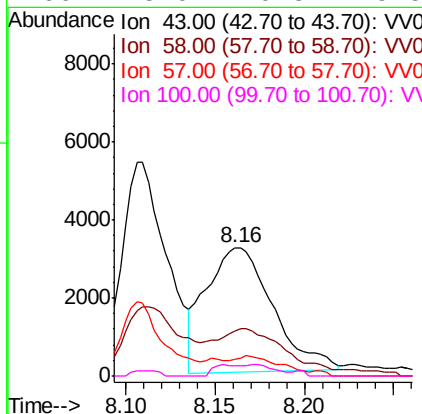
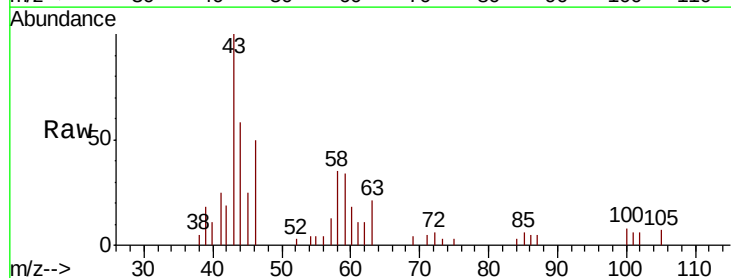
Instrument :
 MSVOA_V
 ClientSampled :

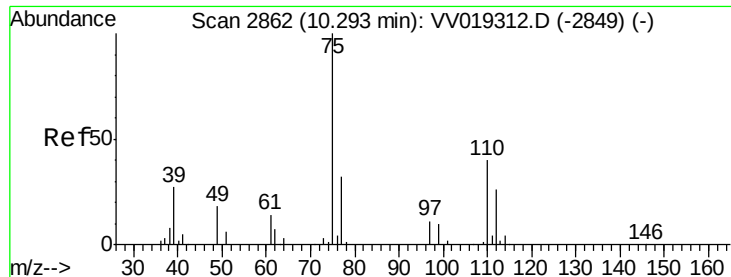
Tot Ion: 75 Resp: 3321
 Ion Ratio Lower Upper
 75 100
 77 47.1 22.7 42.1#



#48
 2-Hexanone
 Concen: 4.178 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV019325.D
 Acq: 10 Nov 2020 15:54

Tgt Ion: 43 Resp: 8312
 Ion Ratio Lower Upper
 43 100
 58 0.0 43.6 65.4#
 57 9.8 16.0 24.0#
 100 3.0 10.3 15.5#





#59

1,2,3-Trichloropropane

Concen: 6.023 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019325.D

Acq: 10 Nov 2020 15:54

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 14286

Ion Ratio Lower Upper

75 100

77 39.4 26.2 39.4#

