

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\
 Data File : VV019112.D
 Acq On : 26 Oct 2020 12:15
 Operator : SY/MD
 Sample : L4502-14 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG453

Quant Time: Oct 27 07:15:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 07:08:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	290282	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	288742	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135688	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101597	38.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.06%
7) Chloroethane-d5	1.58	69	83003	39.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.12	63	156912	31.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.54%
21) 2-Butanone-d5	3.91	46	146650	82.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.69%
24) Chloroform-d	4.38	84	196396	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
26) 1,2-Dichloroethane-d4	5.06	65	141101	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
32) Benzene-d6	5.07	84	385115	43.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.22%
36) 1,2-Dichloropropane-d6	6.09	67	121652	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.04%
41) Toluene-d8	7.34	98	339711	43.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.02%
43) trans-1,3-Dichloropropene-	7.64	79	61236	41.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.54%
47) 2-Hexanone-d5	8.11	63	106430	85.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.56%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	158482	41.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	133917	47.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.10%

Target Compounds

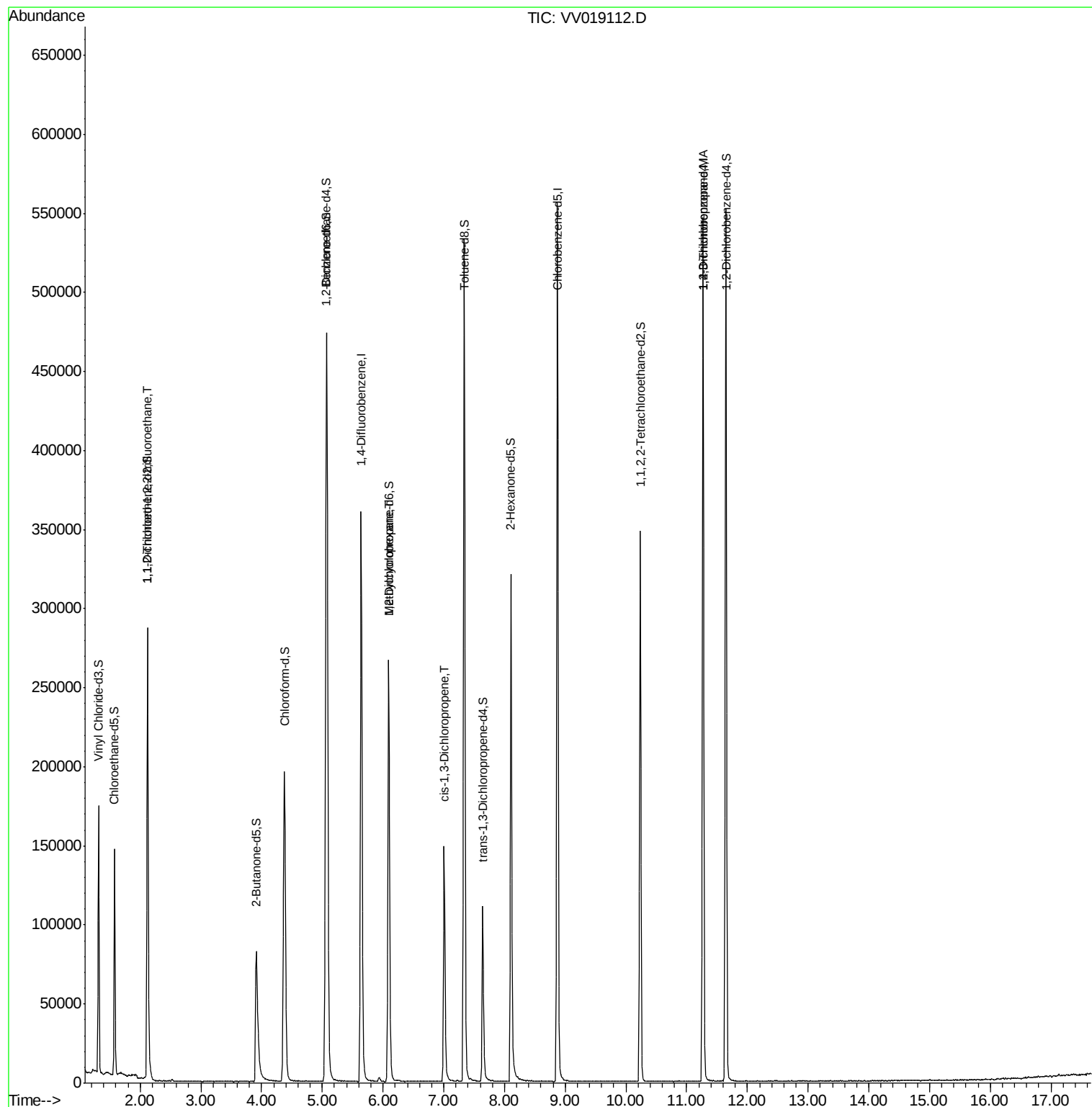
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1306	0.674 ug/L #	20
35) Methylcyclohexane	6.09	83	29745	9.733 ug/L #	16
39) cis-1,3-Dichloropropene	7.01	75	3975	1.105 ug/L #	73
59) 1,2,3-Trichloropropane	11.27	75	16577	5.826 ug/L	92

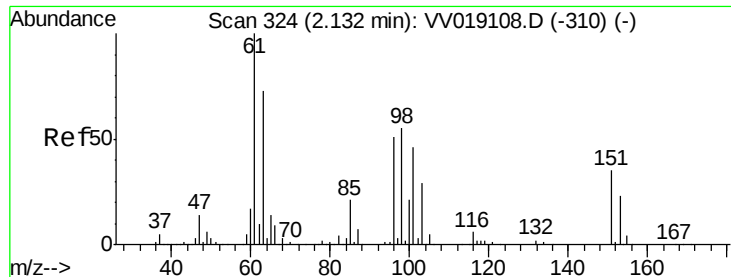
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.674 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019112.D

Acq: 26 Oct 2020 12:15

Instrument :

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BG453

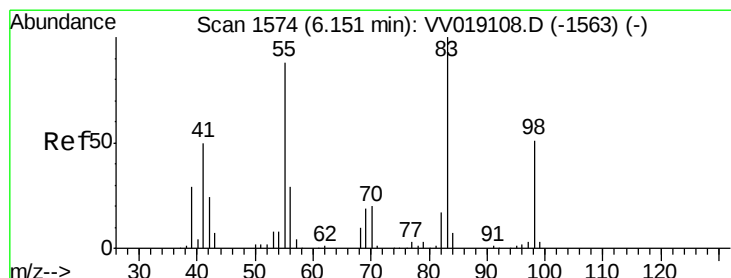
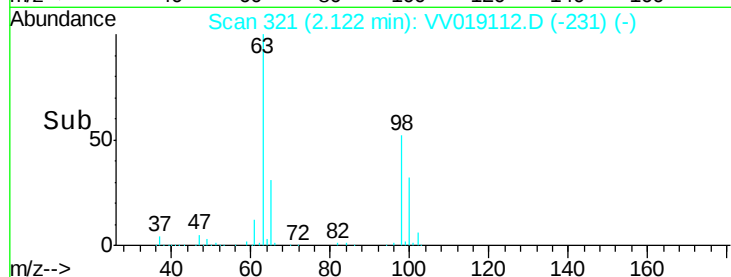
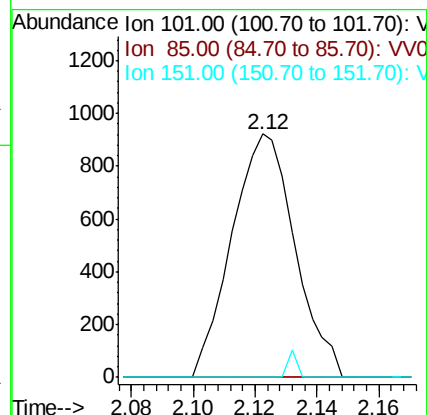
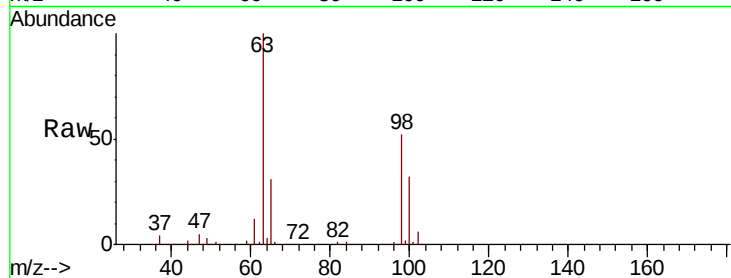
Tot Ion:101 Resp: 1306

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

151 0.0 58.2 87.2#



#35

Methylcyclohexane

Concen: 9.733 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019112.D

Acq: 26 Oct 2020 12:15

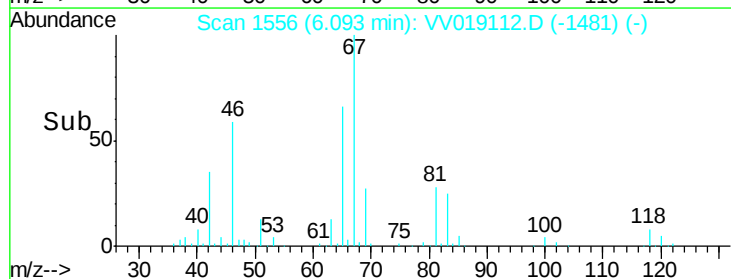
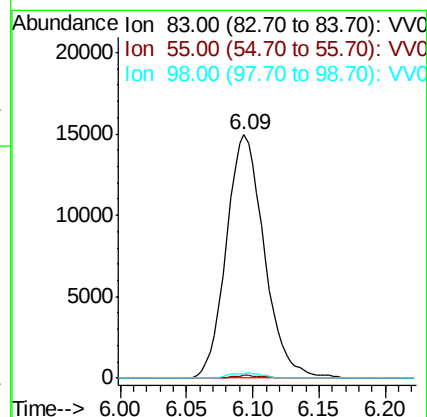
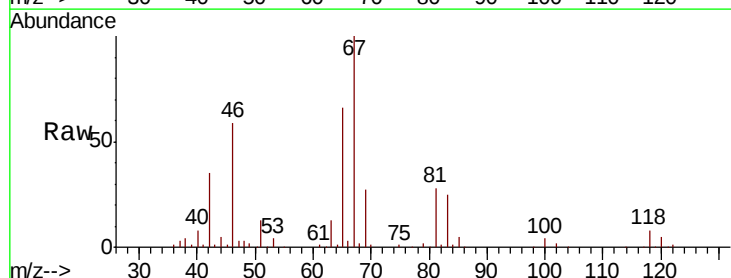
Tgt Ion: 83 Resp: 29745

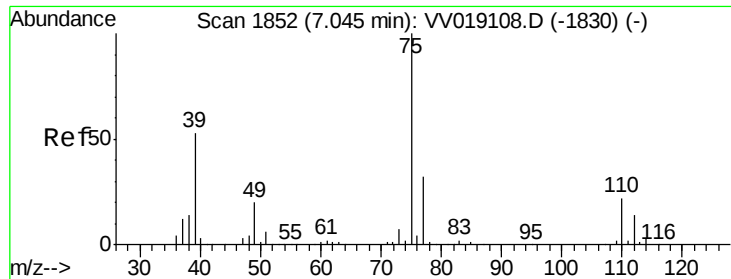
Ion Ratio Lower Upper

83 100

55 0.5 68.1 102.1#

98 1.8 37.9 56.9#

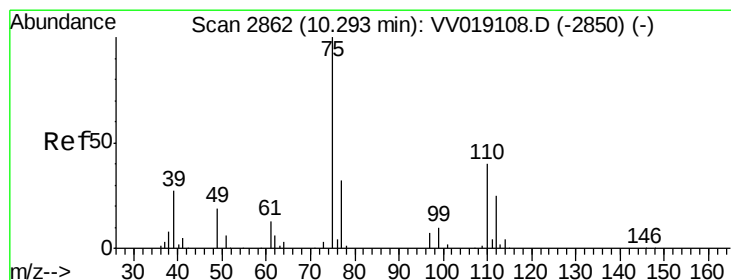
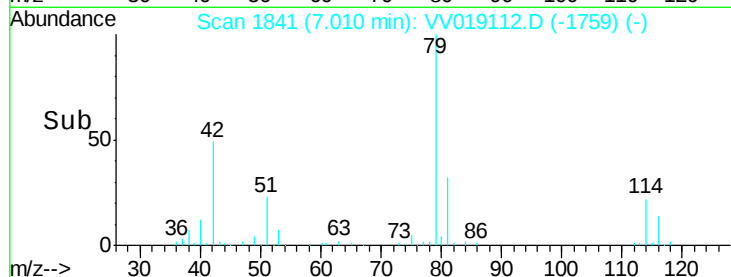
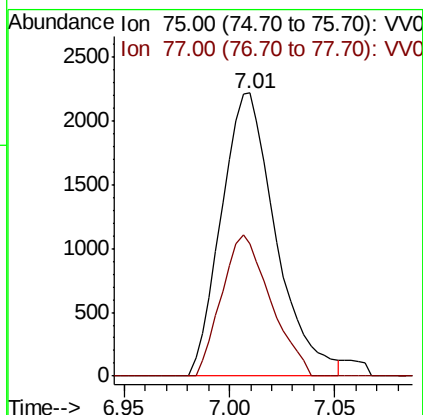
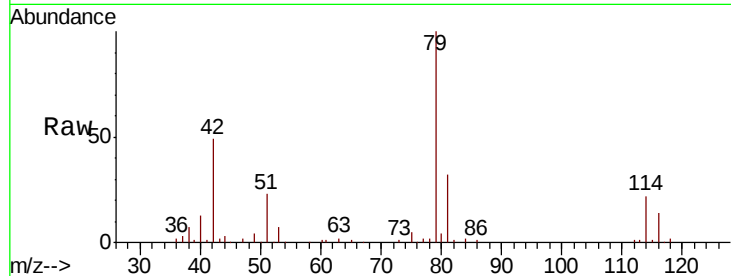




#39
 cis-1,3-Dichloropropene
 Concen: 1.105 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
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Tot Ion: 75 Resp: 3975
 Ion Ratio Lower Upper
 75 100
 77 46.8 22.1 41.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.826 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019112.D
 Acq: 26 Oct 2020 12:15

Tgt Ion: 75 Resp: 16577
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.9 38.9

