

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121520\
 Data File : VV019657.D
 Acq On : 15 Dec 2020 18:23
 Operator : SY/MD
 Sample : L5024-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 00:31:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 16 00:27:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	603737	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	562967	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	257597	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	227968	52.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.32%
7) Chloroethane-d5	1.57	69	179223	52.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.98%
11) 1,1-Dichloroethene-d2	2.11	63	320901	39.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.88%
21) 2-Butanone-d5	3.89	46	289689	123.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.11%
24) Chloroform-d	4.35	84	387454	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	5.04	65	269614	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.76%
32) Benzene-d6	5.05	84	795433	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.96%
36) 1,2-Dichloropropane-d6	6.07	67	247089	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.06%
41) Toluene-d8	7.32	98	701796	51.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.82%
43) trans-1,3-Dichloropropene-	7.62	79	120887	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.38%
47) 2-Hexanone-d5	8.09	63	206252	111.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.73%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	308526	48.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.63	152	251297	52.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.38%

Target Compounds

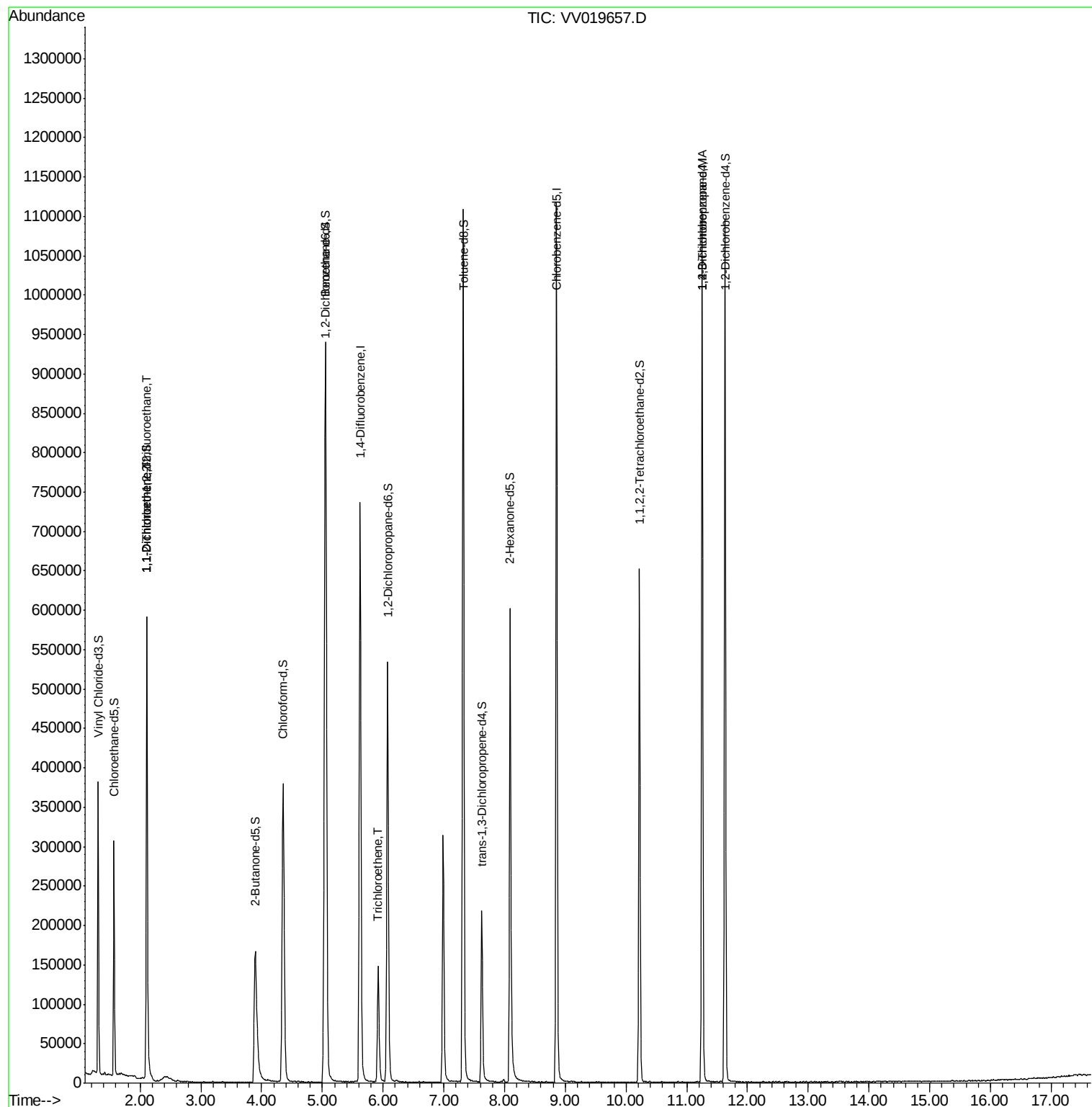
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2753	0.785 ug/L #	23
12) 1,1-Dichloroethene	2.12	96	4886	1.358 ug/L #	1
34) Trichloroethene	5.92	95	50700	11.665 ug/L	97
59) 1,2,3-Trichloropropane	11.25	75	35198	6.586 ug/L	92

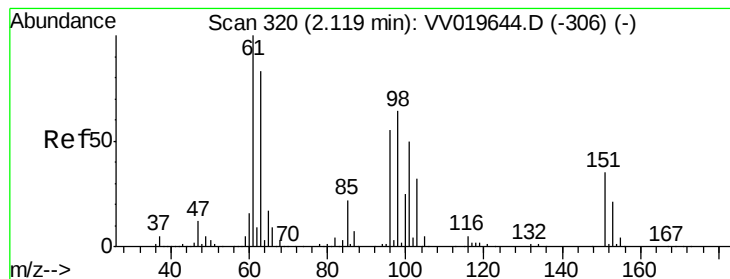
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.785 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019657.D

Acq: 15 Dec 2020 18:23

Instrument :

MSVOA_V

ClientSampleId :

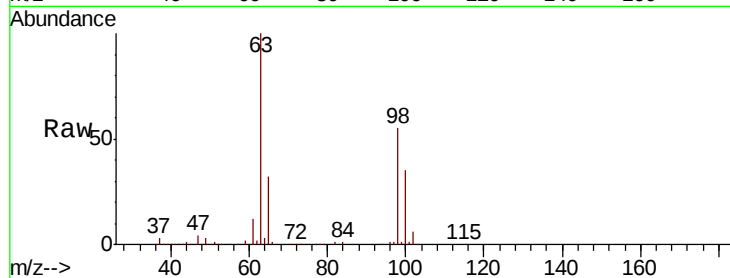
Tot Ion:101 Resp: 2753

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

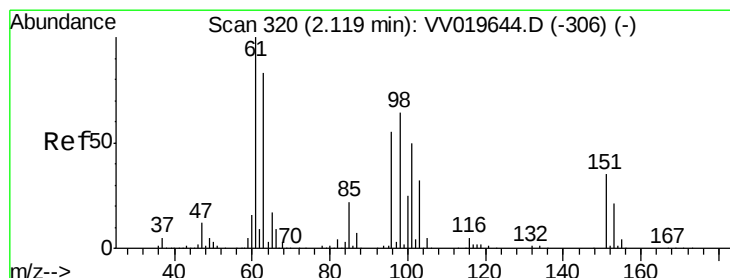
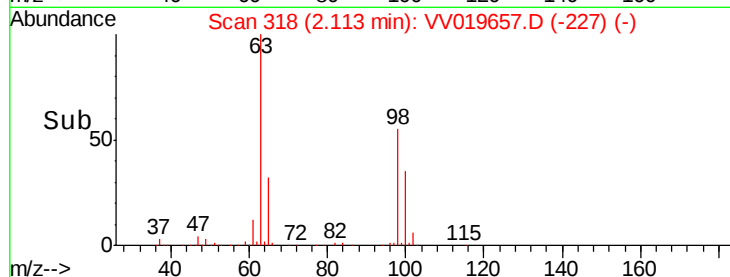
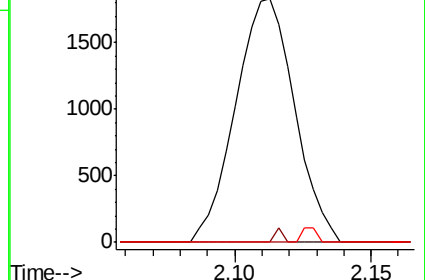
151 1.5 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019644.D (-306) (-)

Ion 85.00 (84.70 to 85.70): VV019644.D (-306) (-)

Ion 151.00 (150.70 to 151.70): VV019644.D (-306) (-)



#12

1,1-Dichloroethene

Concen: 1.358 ug/L

RT: 2.12 min Scan# 320

Delta R.T. 0.00 min

Lab File: VV019657.D

Acq: 15 Dec 2020 18:23

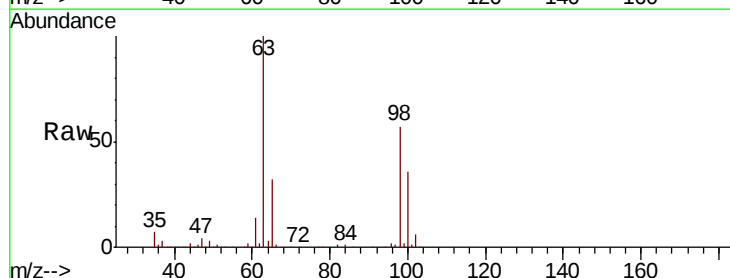
Tgt Ion: 96 Resp: 4886

Ion Ratio Lower Upper

96 100

61 684.1 120.7 224.1#

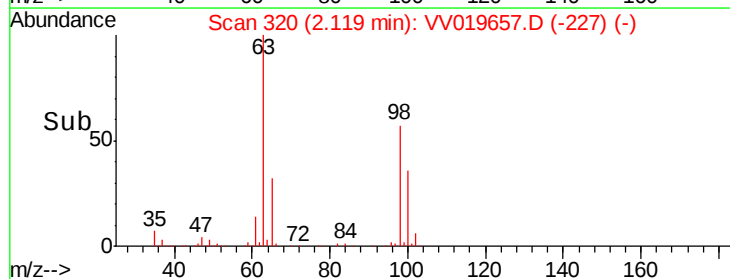
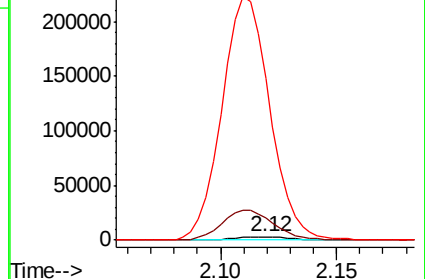
63 5012.8 64.3 119.5#

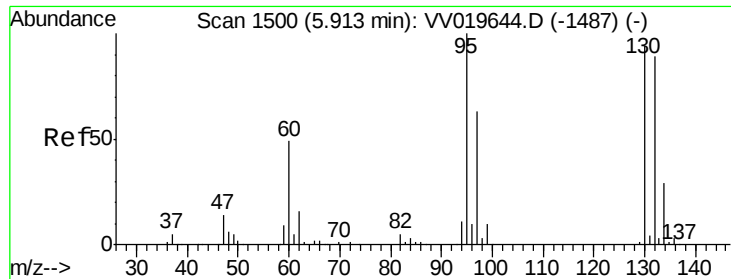


Abundance Ion 96.00 (95.70 to 96.70): VV019644.D (-306) (-)

Ion 61.00 (60.70 to 61.70): VV019644.D (-306) (-)

Ion 63.00 (62.70 to 63.70): VV019644.D (-306) (-)

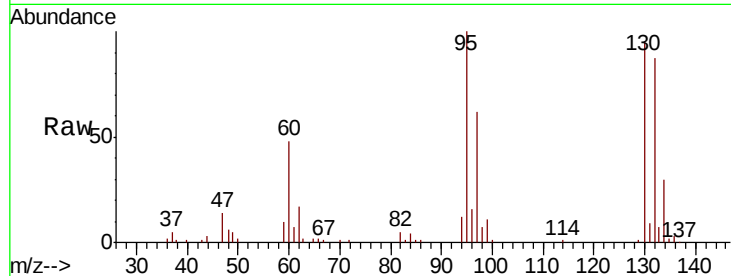




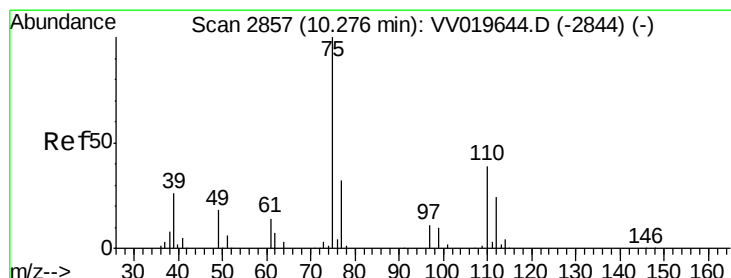
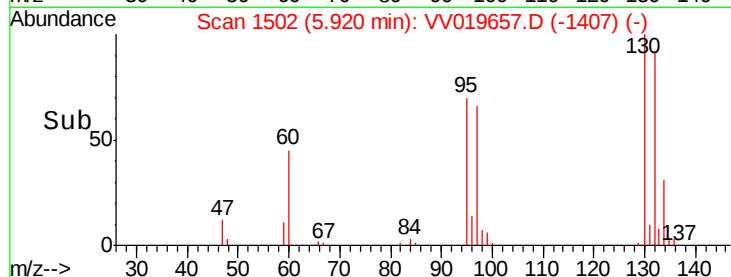
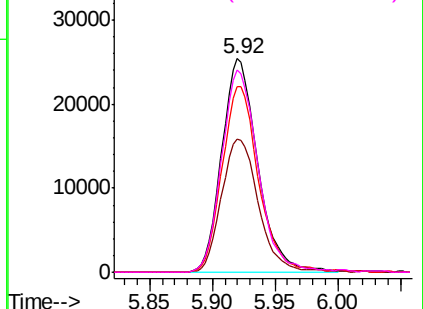
#34
 Trichloroethene
 Concen: 11.665 ug/L
 RT: 5.92 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: VV019657.D
 Acq: 15 Dec 2020 18:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	95	Resp:	50700
Ion	Ratio	Lower	Upper
95	100		
97	62.1	44.4	82.4
132	86.9	64.3	119.3
130	94.7	67.8	125.8

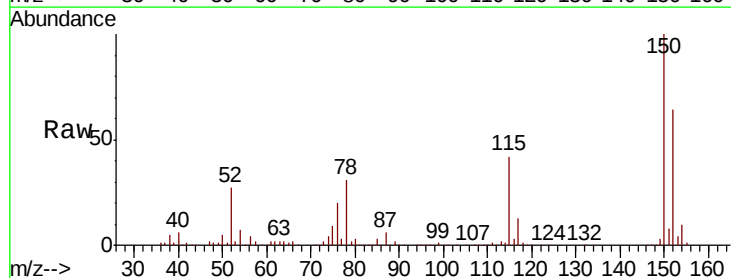


Abundance Ion 95.00 (94.70 to 95.70): VV019644.D (-1487) (-)
 Ion 97.00 (96.70 to 97.70): VV019644.D (-1487) (-)
 Ion 132.00 (131.70 to 132.70): VV019644.D (-1487) (-)
 Ion 130.00 (129.70 to 130.70): VV019644.D (-1487) (-)



#59
 1,2,3-Trichloropropane
 Concen: 6.586 ug/L
 RT: 11.25 min Scan# 3160
 Delta R.T. 0.97 min
 Lab File: VV019657.D
 Acq: 15 Dec 2020 18:23

Tgt Ion:	75	Resp:	35198
Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.8	38.8



Abundance Ion 75.00 (74.70 to 75.70): VV019644.D (-2844) (-)
 Ion 77.00 (76.70 to 77.70): VV019644.D (-2844) (-)

