

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018621.D
 Acq On : 02 Oct 2020 13:26
 Operator : SY/MD
 Sample : L4237-13MS
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC7MS

Quant Time: Oct 03 01:24:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 00:50:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	243868	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	240931	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121952	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81549	57.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.04%
7) Chloroethane-d5	1.58	69	80841	68.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	136.72%#
11) 1,1-Dichloroethene-d2	2.12	63	172790	59.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	118.58%
21) 2-Butanone-d5	3.92	46	108626	101.82	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.82%
24) Chloroform-d	4.38	84	168711	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.10%
26) 1,2-Dichloroethane-d4	5.06	65	114708	58.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.84%
32) Benzene-d6	5.08	84	330234	54.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.22%
36) 1,2-Dichloropropane-d6	6.09	67	102179	55.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.82%
41) Toluene-d8	7.34	98	302992	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%
43) trans-1,3-Dichloropropene-	7.64	79	51533	51.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.46%
47) 2-Hexanone-d5	8.11	63	63381	90.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	119253	48.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	129435	55.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.38%

Target Compounds

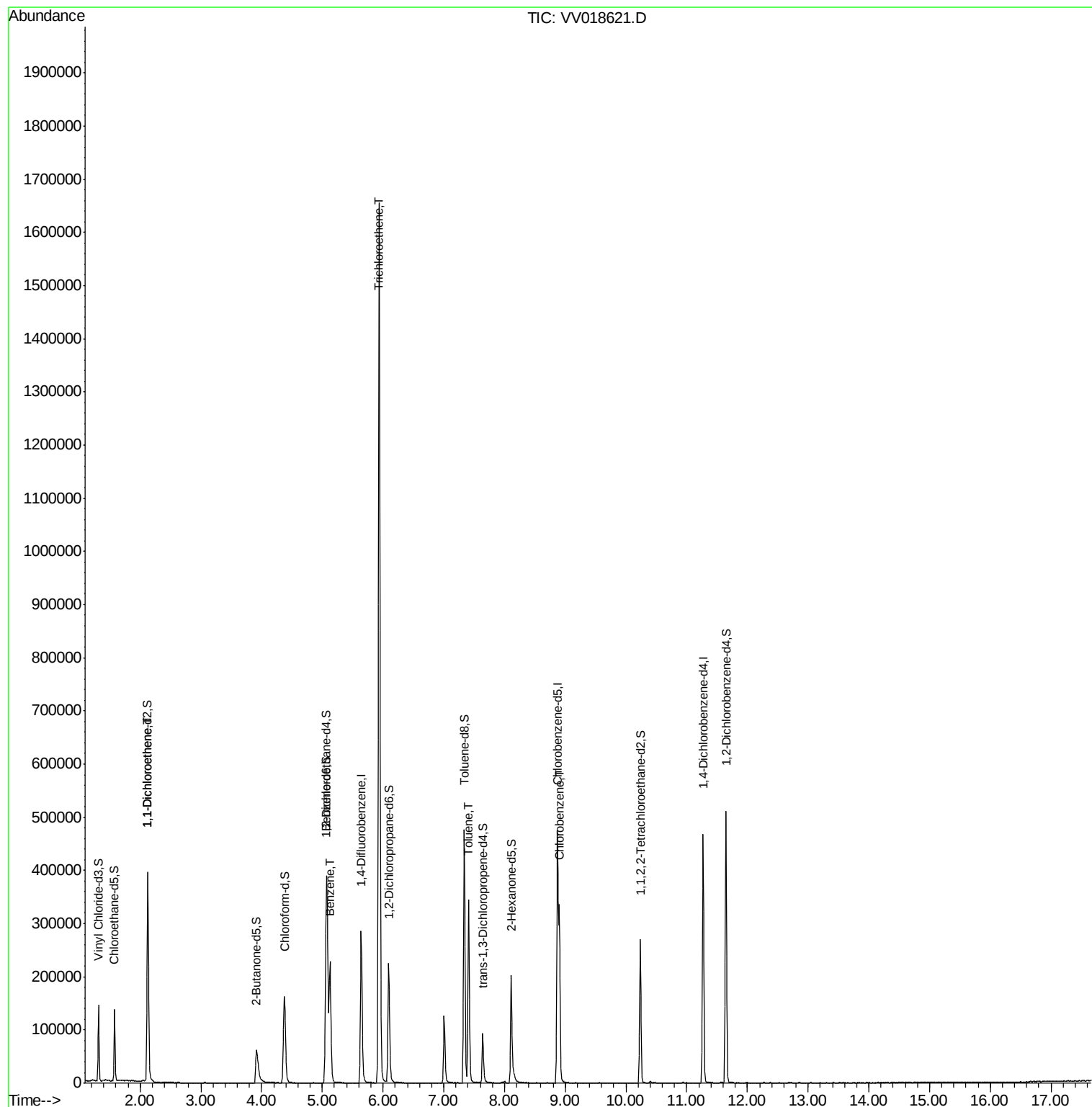
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	56312	36.990	ug/L #	76
33) Benzene	5.13	78	226780	32.039	ug/L	100
34) Trichloroethene	5.94	95	554526	269.852	ug/L	99
42) Toluene	7.41	91	244807	31.971	ug/L	98
51) Chlorobenzene	8.90	112	167908	32.414	ug/L	98

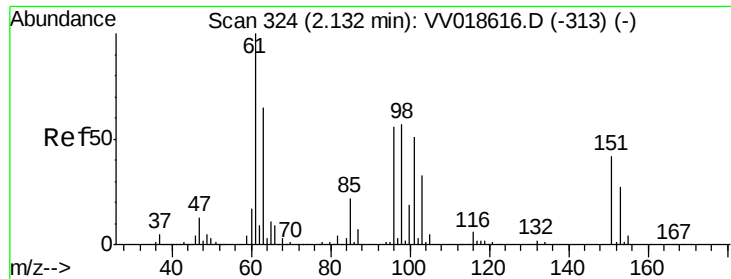
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 03 00:50:30 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 36.990 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

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ClientSampleId :

E0AC7MS

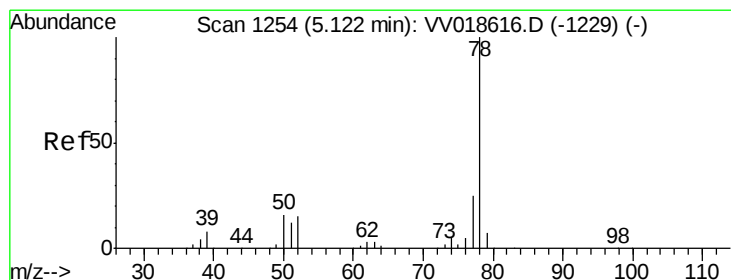
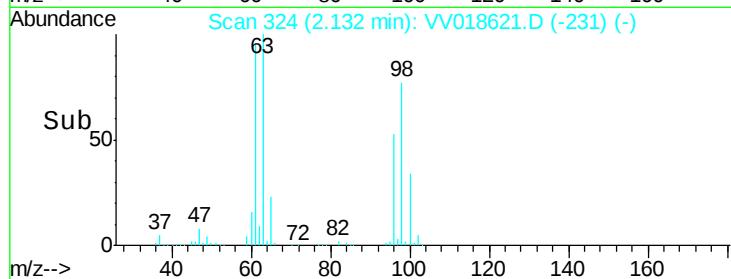
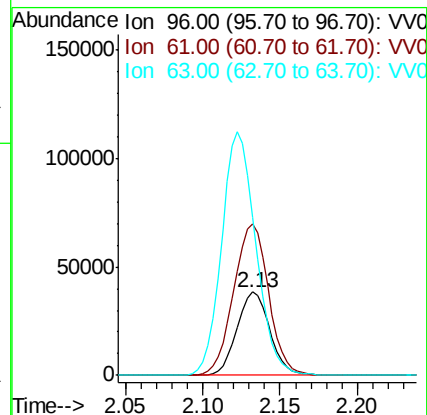
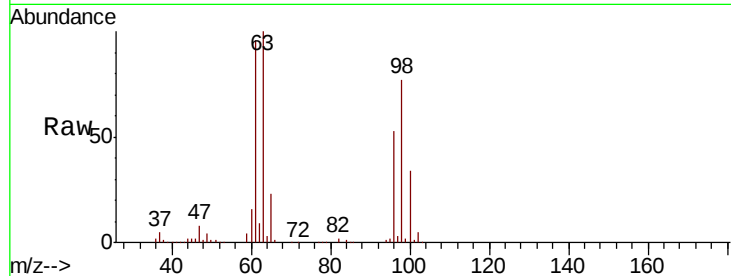
Tot Ion: 96 Resp: 56312

Ion Ratio Lower Upper

96 100

61 182.6 122.8 228.1

63 189.9 91.9 170.7#



#33

Benzene

Concen: 32.039 ug/L

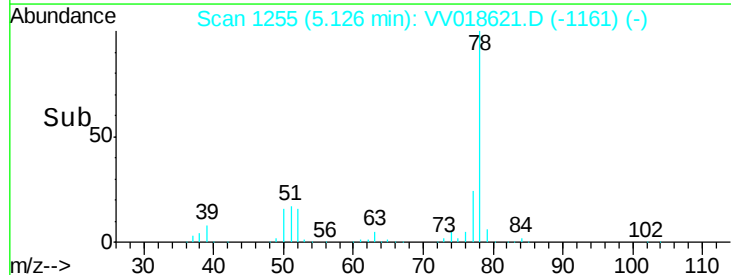
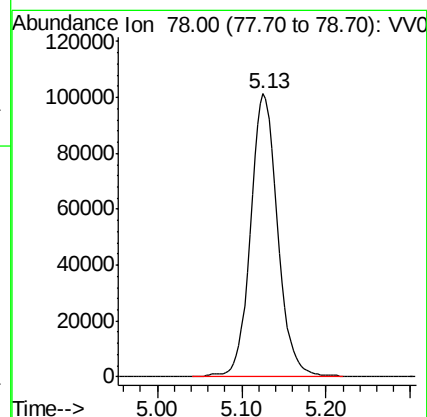
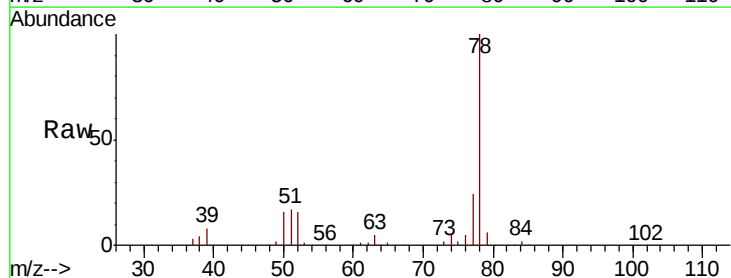
RT: 5.13 min Scan# 1255

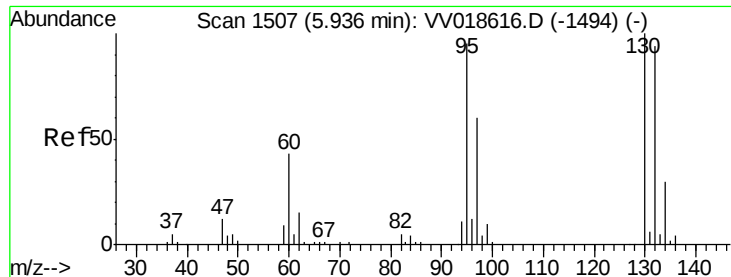
Delta R.T. 0.00 min

Lab File: VV018621.D

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Tgt Ion: 78 Resp: 226780

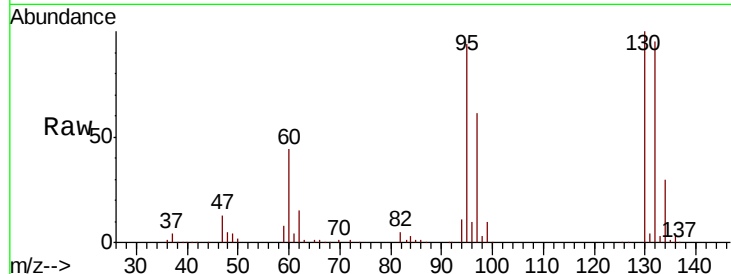




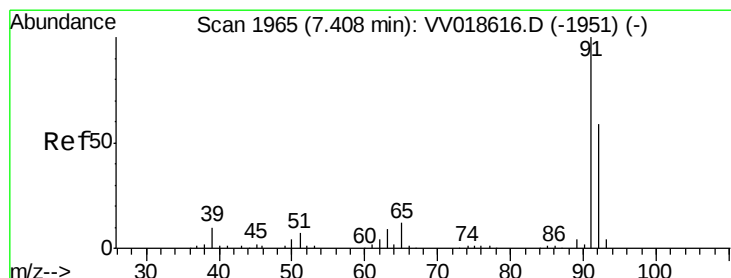
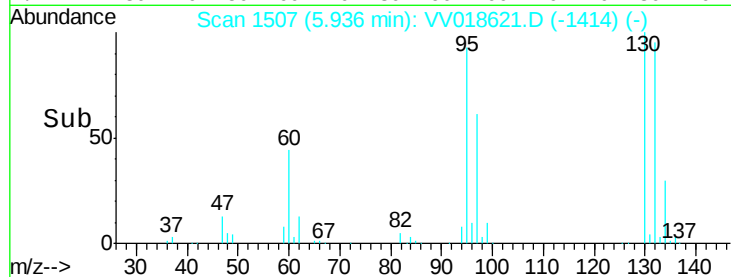
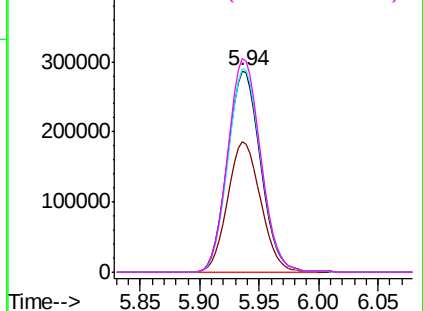
#34
 Trichloroethene
 Concen: 269.852 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV018621.D
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Instrument :
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 ClientSampleId :
 E0AC7MS

Tot Ion: 95 Resp: 554526
 Ion Ratio Lower Upper
 95 100
 97 64.7 45.9 85.3
 132 100.9 70.8 131.4
 130 106.1 75.3 139.8

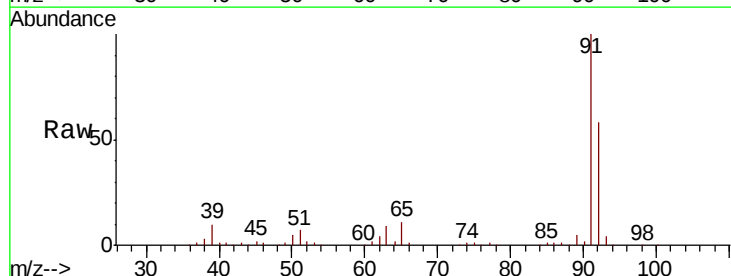


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

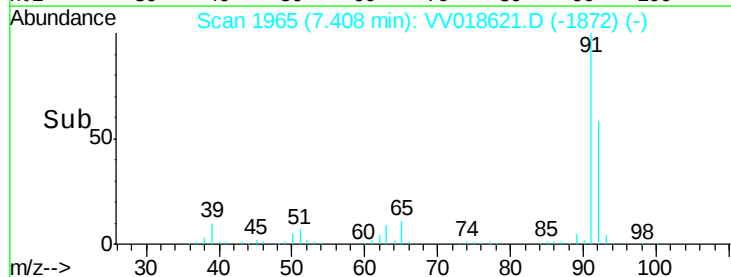
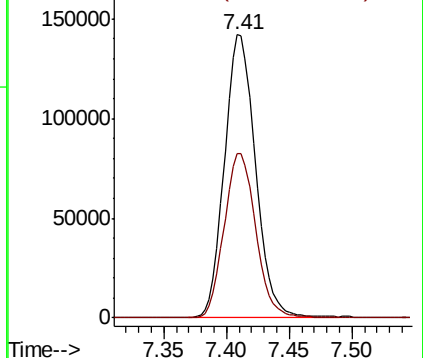


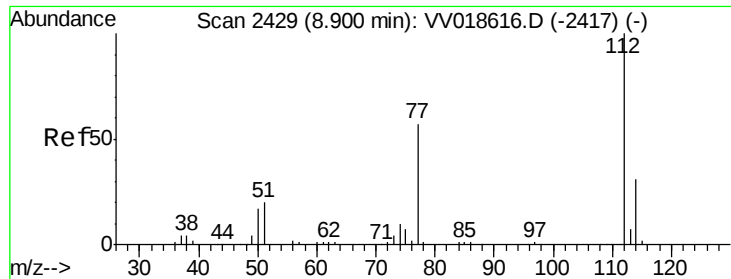
#42
 Toluene
 Concen: 31.971 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VV018621.D
 Acq: 02 Oct 2020 13:26

Tgt Ion: 91 Resp: 244807
 Ion Ratio Lower Upper
 91 100
 92 57.9 41.6 77.3



Abundance Ion 91.00 (90.70 to 91.70): VV0
 Ion 92.00 (91.70 to 92.70): VV0





#51
 Chlorobenzene
 Concen: 32.414 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV018621.D
 Acq: 02 Oct 2020 13:26

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC7MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.4	41.6
77	57.8	44.8	67.2

