

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022519\
 Data File : VV009350.D
 Acq On : 25 Feb 2019 15:49
 Operator : SY/MD
 Sample : K1579-14MSD
 Misc : 6.95G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB609MSD

Quant Time: Feb 26 03:03:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 26 02:46:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	108111	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	99085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36568	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33389	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.84%
7) Chloroethane-d5	1.56	69	34925	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.12%
10) 1,1-Dichloroethene-d2	2.13	63	94902	26.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.36%
20) 2-Butanone-d5	3.93	46	24464	48.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.20%
24) Chloroform-d	4.40	84	53794	21.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.72%
26) 1,2-Dichloroethane-d4	5.08	65	36849	27.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.28%
29) Benzene-d6	5.10	84	125546	25.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.04%
33) 1,2-Dichloropropane-d6	6.12	67	41525	28.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.56%
37) Toluene-d8	7.36	98	113731	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.16%
38) trans-1,3-Dichloropropene-	7.66	79	18278	24.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.36%
39) 2-Hexanone-d5	8.13	63	21118	51.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42559	26.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.48%
61) 1,2-Dichlorobenzene-d4	11.68	152	33545	24.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.92%

Target Compounds

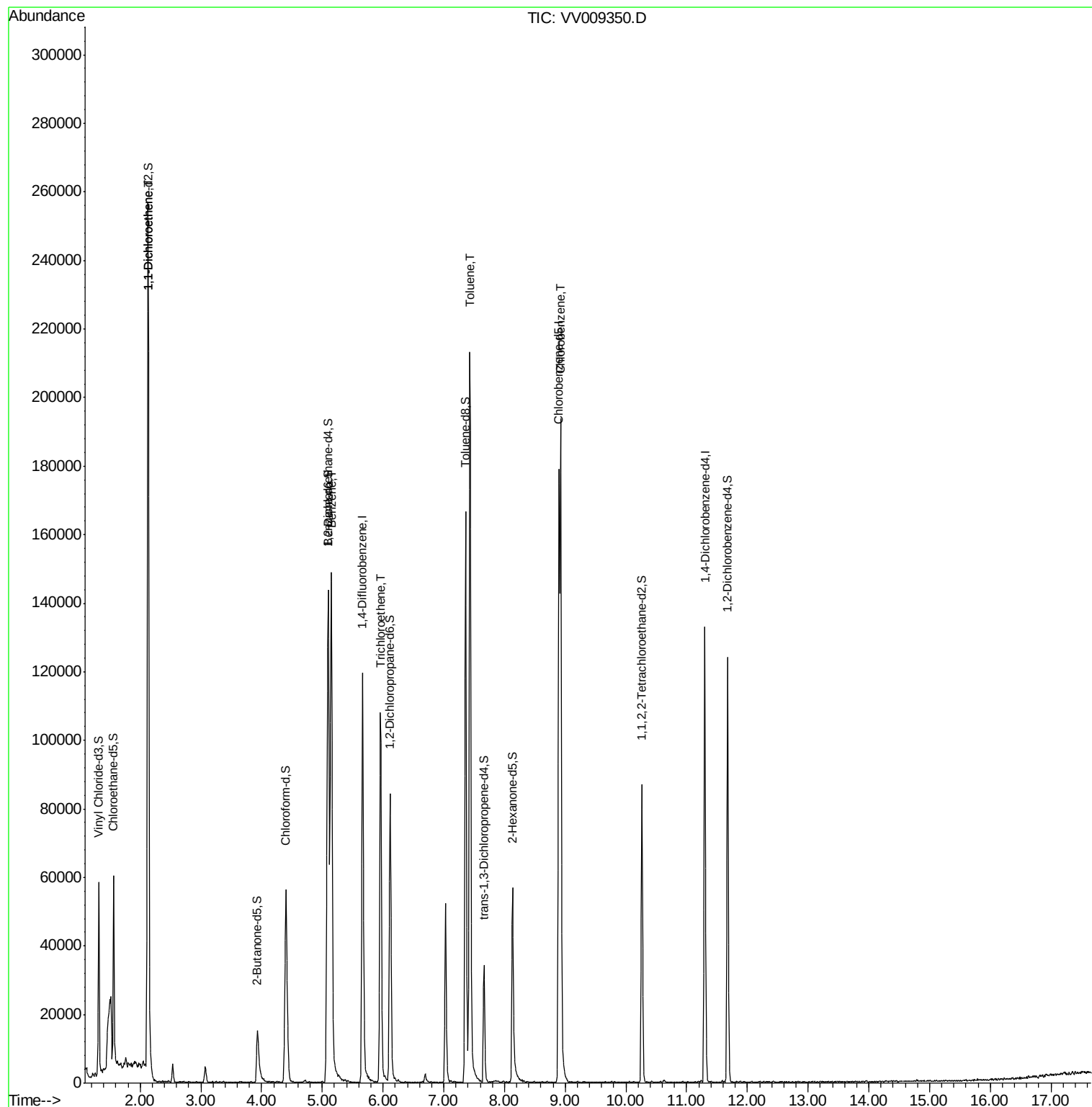
					Ovalue
12) 1,1-Dichloroethene	2.14	96	46023	29.015	ug/L 95
34) Benzene	5.15	78	151949	28.046	ug/L 100
35) Trichloroethene	5.96	95	35570	23.604	ug/L 99
44) Toluene	7.43	91	163271	27.171	ug/L 99
52) Chlorobenzene	8.93	112	100586	25.708	ug/L 98

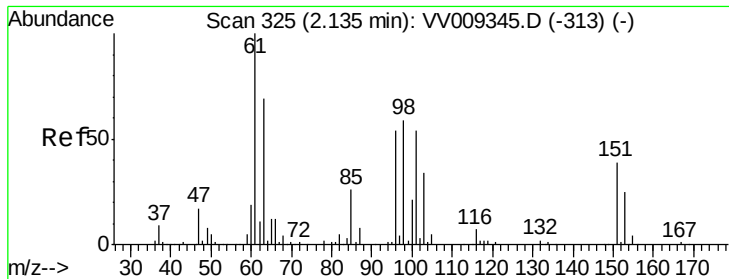
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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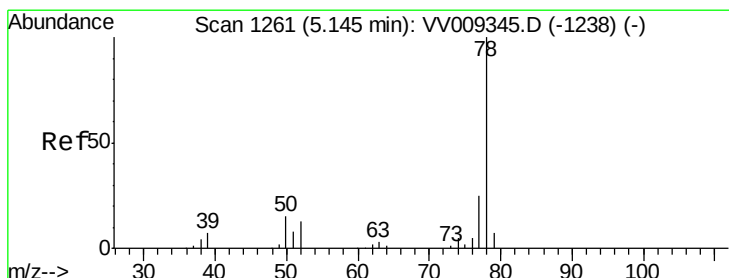
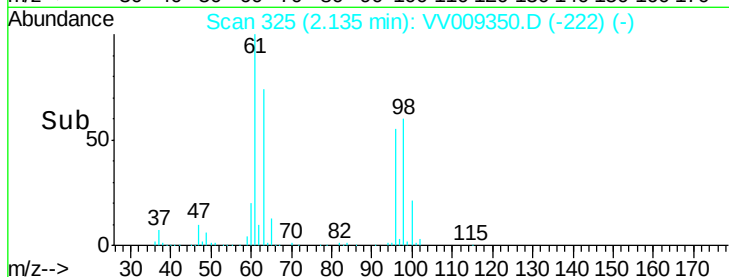
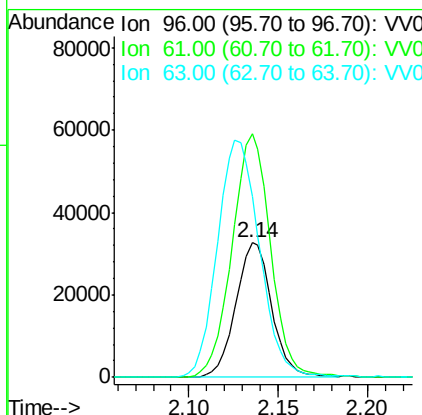
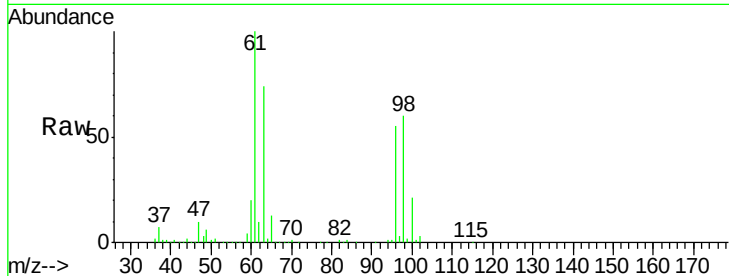




#12
 1,1-Dichloroethene
 Concen: 29.015 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VV009350.D
 Acq: 25 Feb 2019 15:49

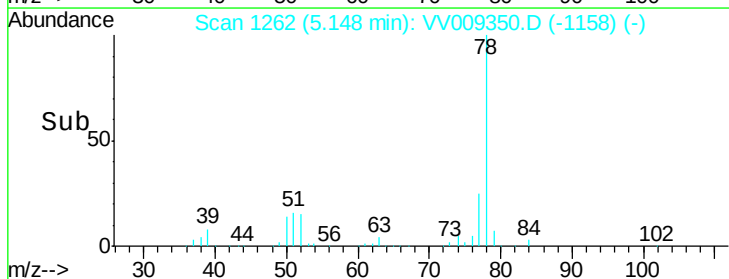
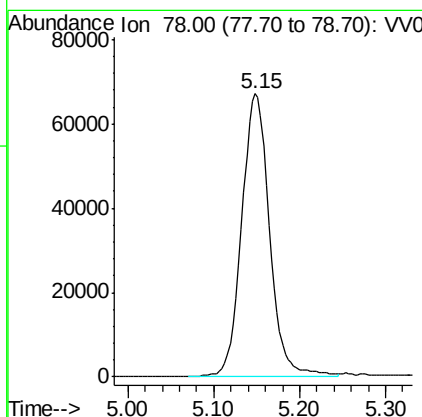
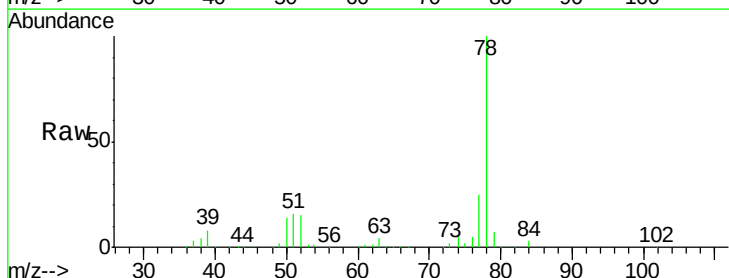
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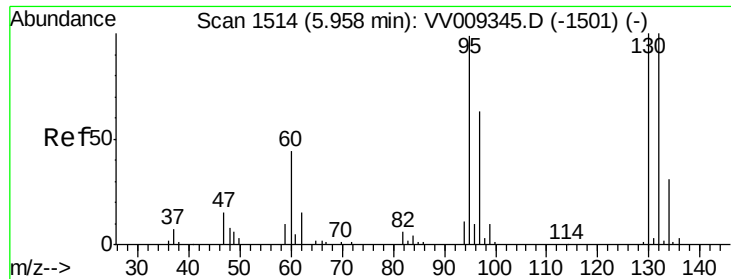
Tot Ion: 96 Resp: 46023
 Ion Ratio Lower Upper
 96 100
 61 181.2 123.3 228.9
 63 134.3 88.4 164.2



#34
 Benzene
 Concen: 28.046 ug/L
 RT: 5.15 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VV009350.D
 Acq: 25 Feb 2019 15:49

Tgt Ion: 78 Resp: 151949

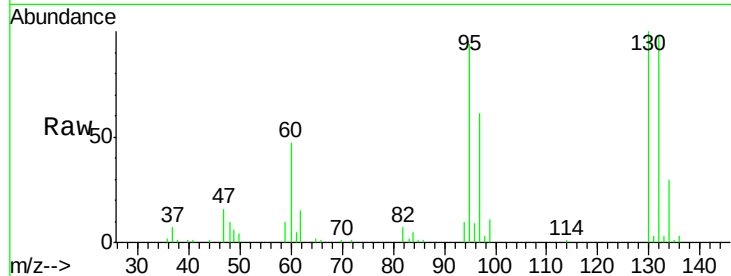




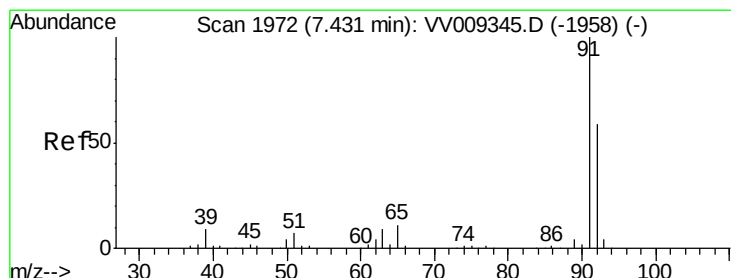
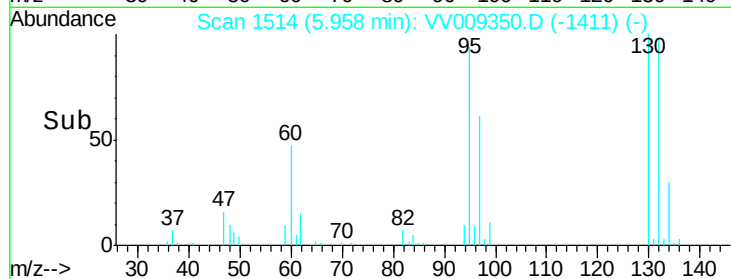
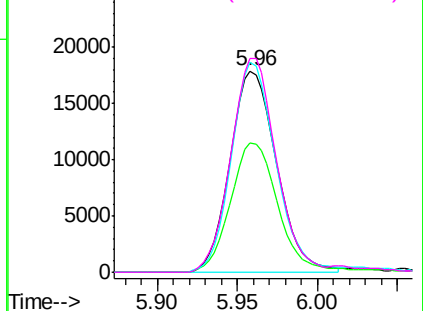
#35
 Trichloroethene
 Concen: 23.604 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV009350.D
 Acq: 25 Feb 2019 15:49

Instrument :
 MSVOA_V
 ClientSampleId :
 DB609MSD

Tot Ion: 95 Resp: 35570
 Ion Ratio Lower Upper
 95 100
 97 65.4 45.0 83.6
 132 99.1 68.7 127.5
 130 102.9 72.2 134.0

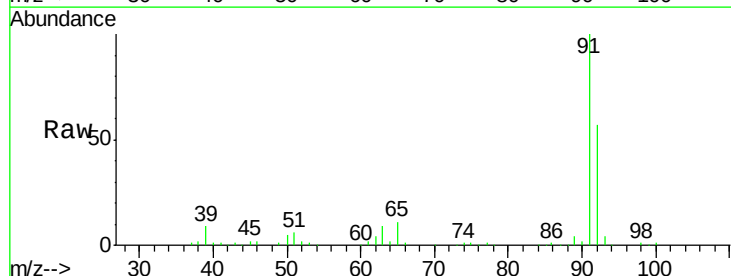


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

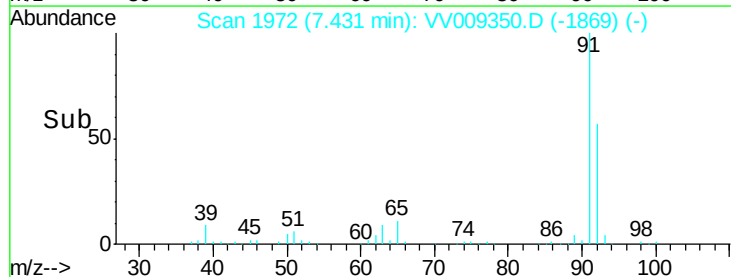
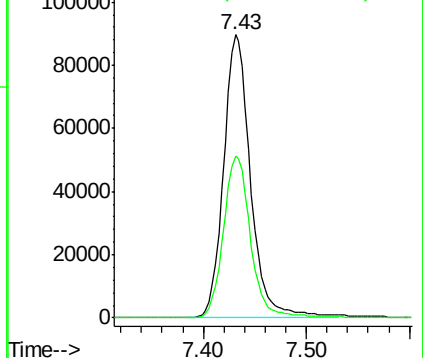


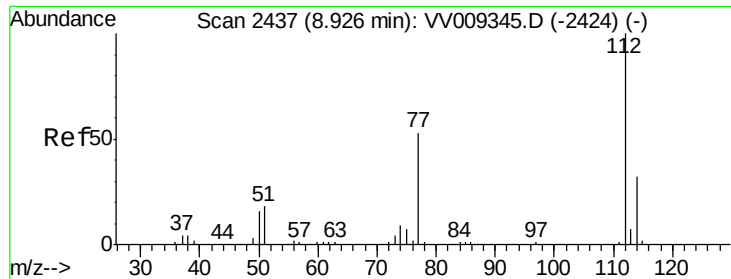
#44
 Toluene
 Concen: 27.171 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV009350.D
 Acq: 25 Feb 2019 15:49

Tgt Ion: 91 Resp: 163271
 Ion Ratio Lower Upper
 91 100
 92 57.0 40.5 75.3



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





#52

Chlorobenzene

Concen: 25.708 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. -0.00 min

Lab File: VV009350.D

Acq: 25 Feb 2019 15:49

Instrument :

MSVOA_V

ClientSampleId :

DB609MSD

Tot Ion:112 Resp: 100586

Ion Ratio Lower Upper

112 100

77 54.7 45.0 67.4

114 32.9 22.0 41.0

