

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007827.D
 Acq On : 24 Sep 2018 19:48
 Operator : SY/MD
 Sample : J5043-02MS
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FE2MS

Quant Time: Sep 25 04:39:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 04:04:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	218199	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213295	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110824	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35041	29.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.10%#
7) Chloroethane-d5	1.58	69	38944	36.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.28%
11) 1,1-Dichloroethene-d2	2.14	63	103018	36.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.70%
21) 2-Butanone-d5	3.95	46	59149	75.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.52%
24) Chloroform-d	4.41	84	89858	35.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.78%
26) 1,2-Dichloroethane-d4	5.09	65	62649	38.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.38%
32) Benzene-d6	5.11	84	174921	35.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.36%
36) 1,2-Dichloropropane-d6	6.13	67	54218	37.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.90%
41) Toluene-d8	7.36	98	177576	34.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.32%#
43) trans-1,3-Dichloropropene-	7.67	79	23472	32.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.32%
47) 2-Hexanone-d5	8.14	63	45945	72.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81821	36.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	85873	37.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.34%#

Target Compounds

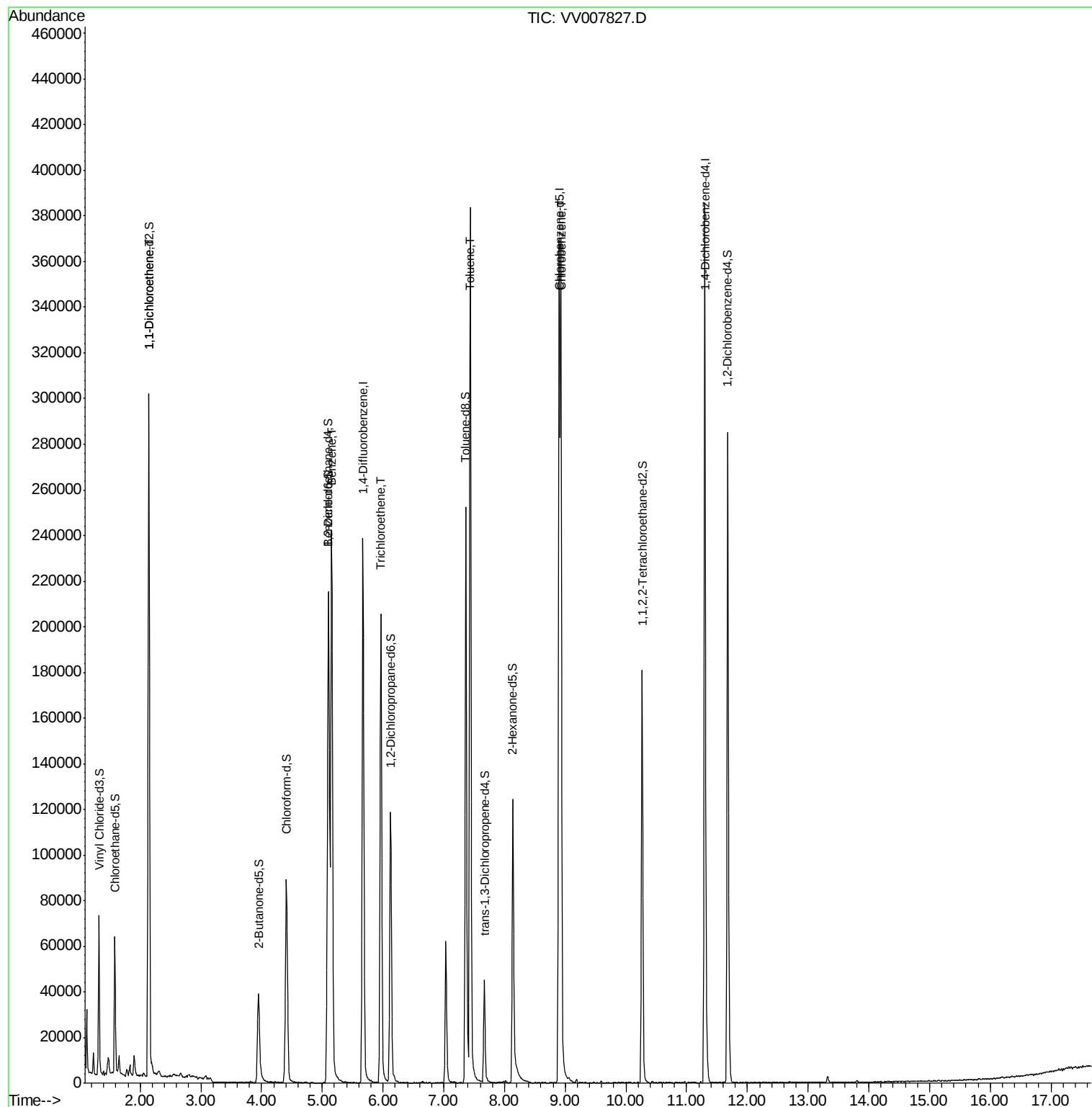
					Ovalue
12) 1,1-Dichloroethene	2.15	96	69143	47.776	ug/L 90
33) Benzene	5.15	78	241058	47.182	ug/L 100
34) Trichloroethene	5.96	95	67196	44.471	ug/L 98
42) Toluene	7.44	91	284491	46.976	ug/L 100
51) Chlorobenzene	8.93	112	199233	45.671	ug/L 100

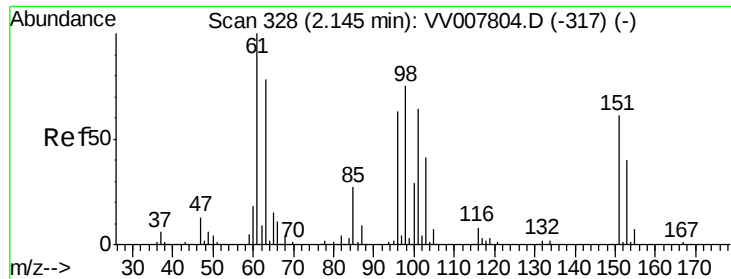
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 47.776 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

E5FE2MS

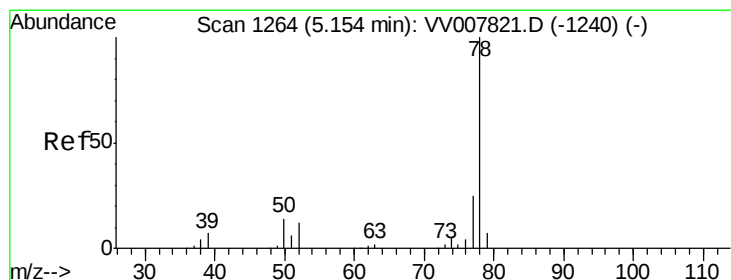
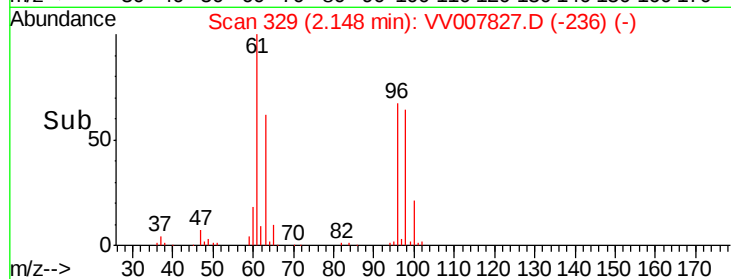
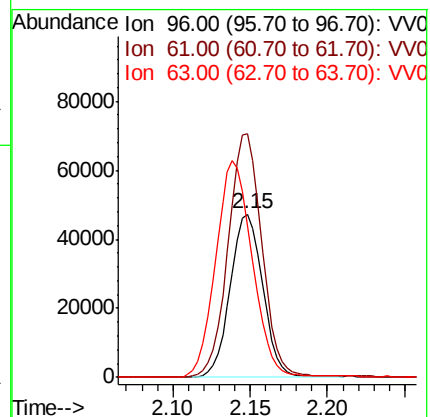
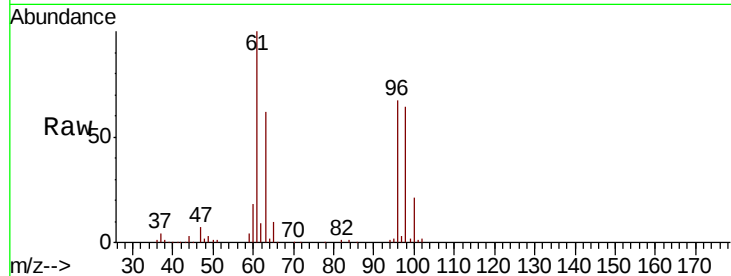
Tot Ion: 96 Resp: 69143

Ion Ratio Lower Upper

96 100

61 149.0 107.3 199.3

63 93.1 78.8 146.4



#33

Benzene

Concen: 47.182 ug/L

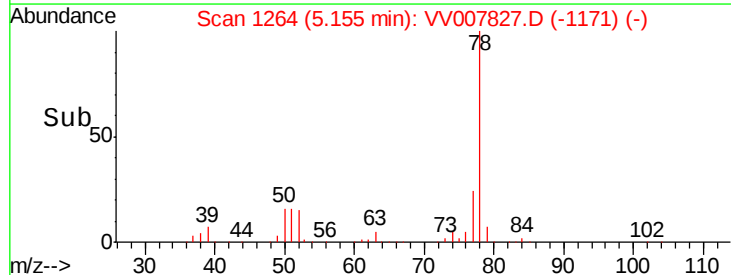
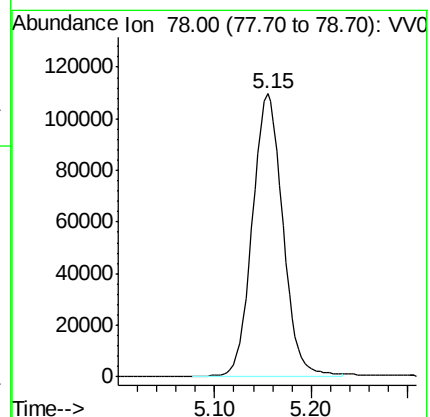
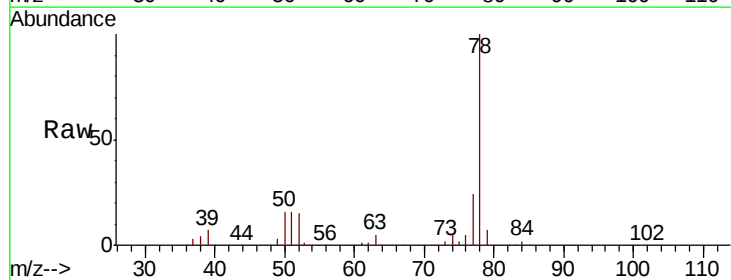
RT: 5.15 min Scan# 1264

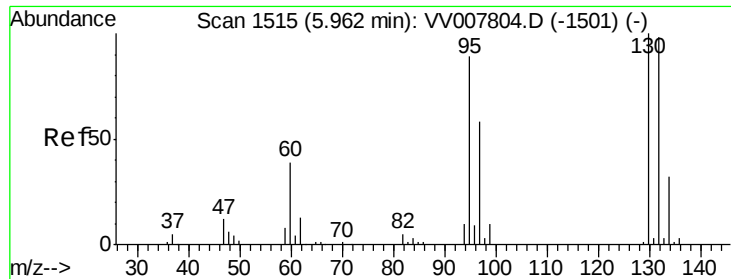
Delta R.T. 0.00 min

Lab File: VV007827.D

Acq: 24 Sep 2018 19:48

Tgt Ion: 78 Resp: 241058

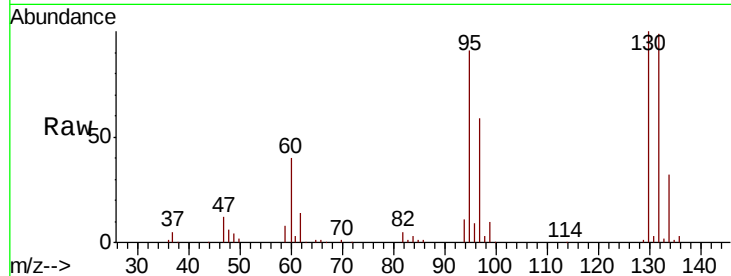




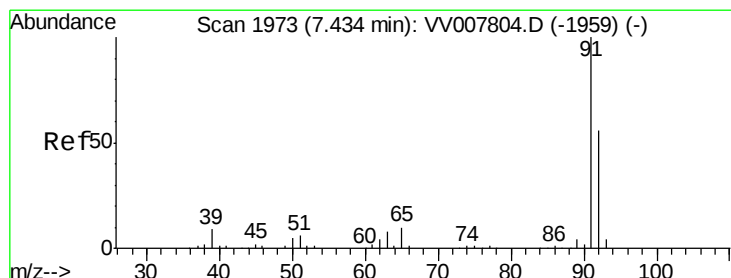
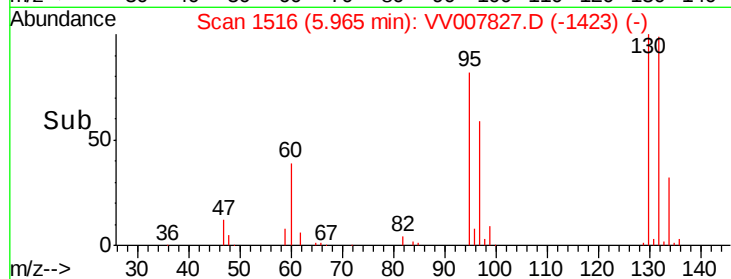
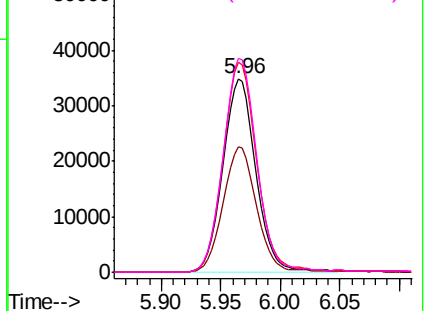
#34
 Trichloroethene
 Concen: 44.471 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
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Instrument :
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 ClientSampleId :
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Tot Ion: 95 Resp: 67196
 Ion Ratio Lower Upper
 95 100
 97 65.1 45.2 84.0
 132 108.8 77.7 144.3
 130 110.4 79.7 148.1

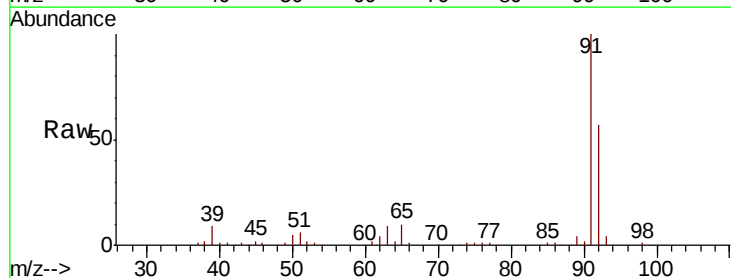


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

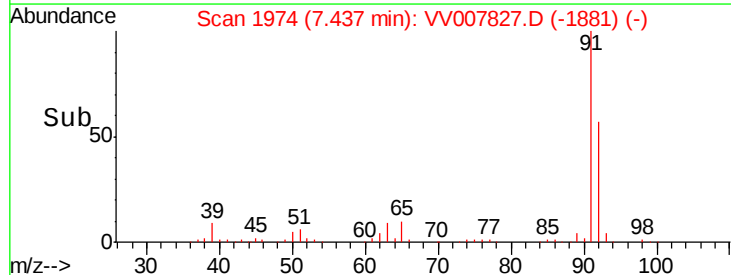
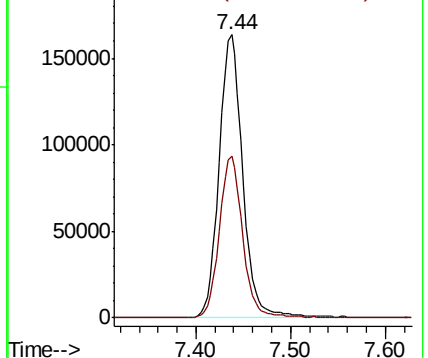


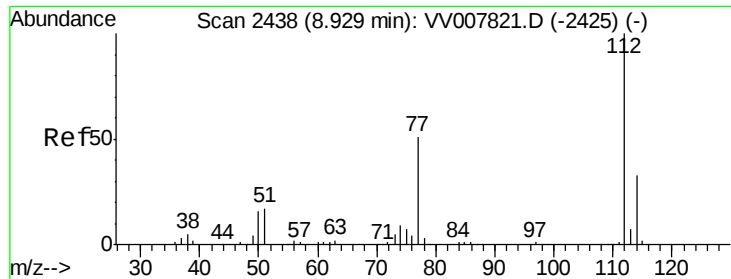
#42
 Toluene
 Concen: 46.976 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VV007827.D
 Acq: 24 Sep 2018 19:48

Tgt Ion: 91 Resp: 284491
 Ion Ratio Lower Upper
 91 100
 92 56.9 39.7 73.7



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





#51
 Chlorobenzene
 Concen: 45.671 ug/L
 RT: 8.93 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: VV007827.D
 Acq: 24 Sep 2018 19:48

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FE2MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.3	41.3
77	51.0	40.6	60.8

