

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011251.D
 Acq On : 06 Jun 2019 18:00
 Operator : SY/MD
 Sample : K3230-01
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 P025-SMITH-1906-01

Quant Time: Jun 09 21:08:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 07 01:28:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	159754	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147601	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61435	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57653	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.56	69	47766	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.12	63	90271	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.94	46	136769	50.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.38%
24) Chloroform-d	4.40	84	101840	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	56603	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.09	84	214900	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	64922	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	195678	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.66	79	21180	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.13	63	112106	51.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43940	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	59539	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

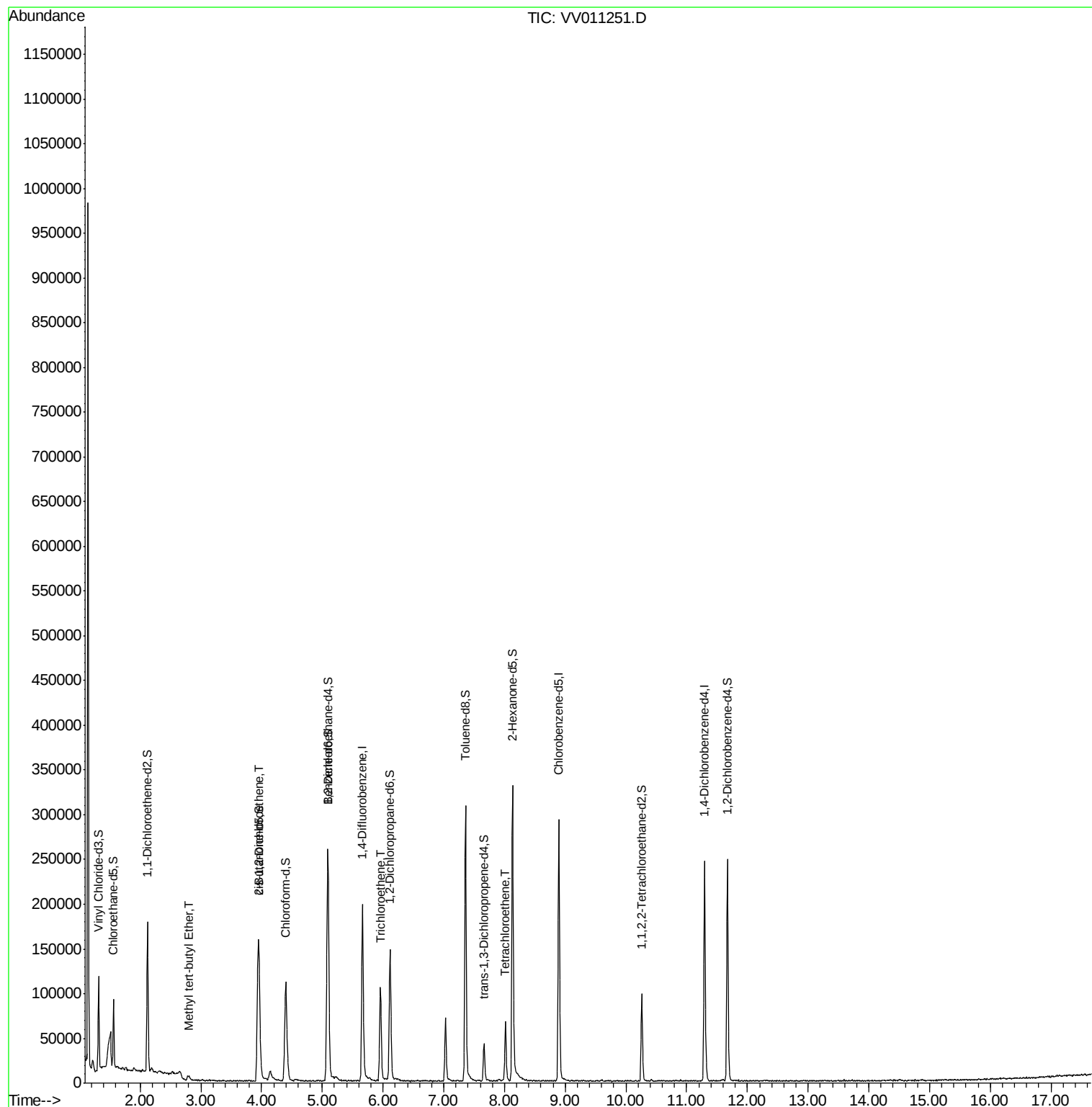
					Ovalue
17) Methyl tert-butyl Ether	2.81	73	4511	0.168 ug/L #	87
22) cis-1,2-Dichloroethene	3.96	96	51740	4.146 ug/L #	90
34) Trichloroethene	5.96	95	34387	2.834 ug/L	98
47) Tetrachloroethene	8.02	164	13078	1.491 ug/L	98

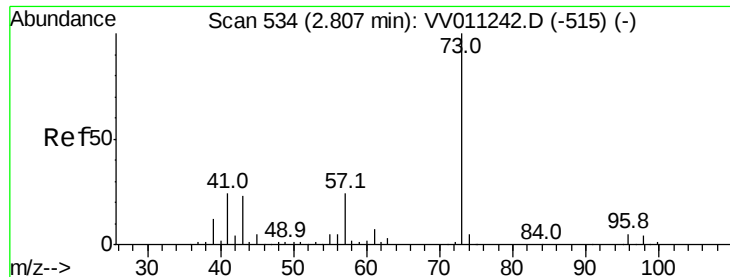
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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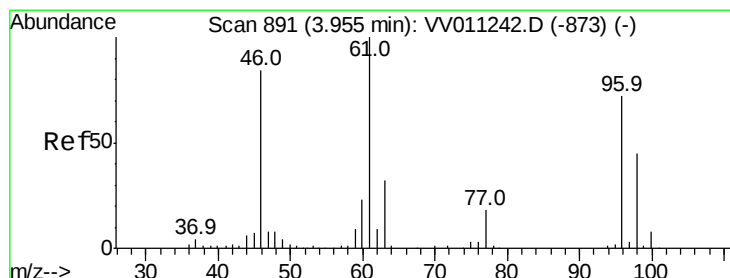
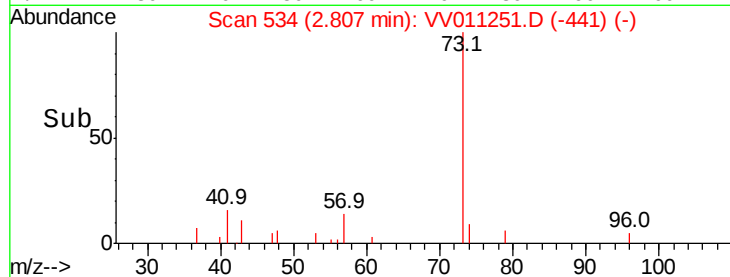
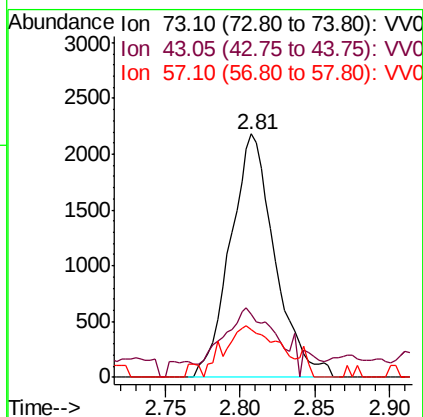
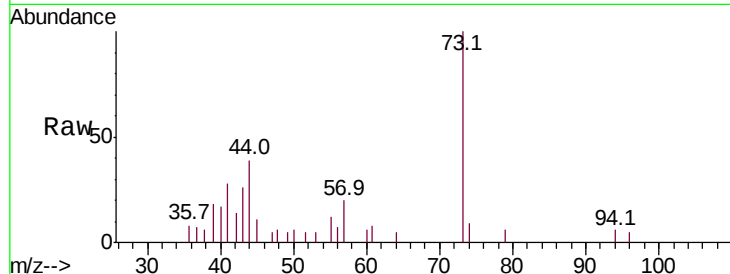




#17
Methvl tert-butvl Ether
Concen: 0.168 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV011251.D
Acq: 06 Jun 2019 18:00

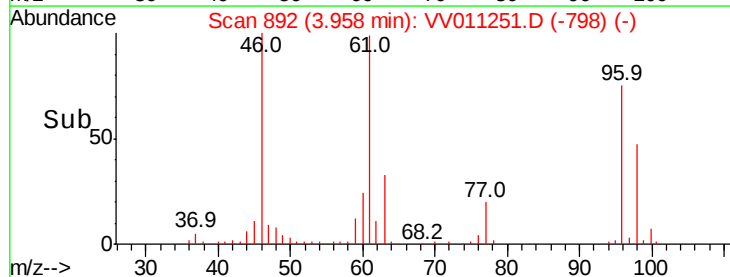
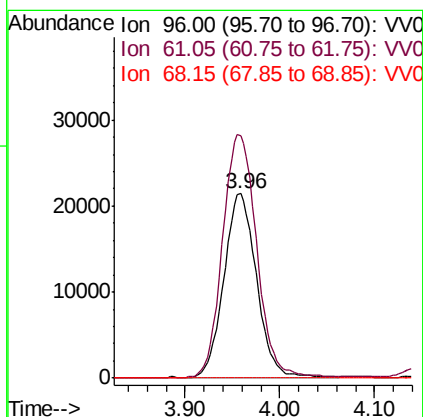
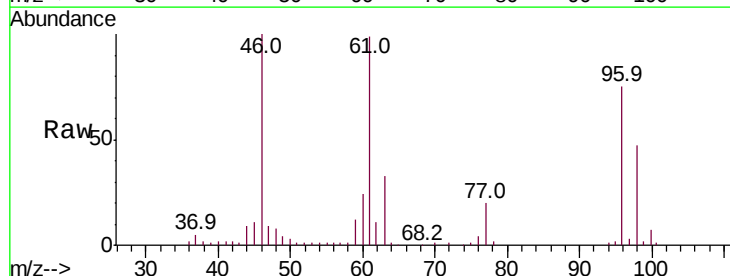
Instrument :
MSVOA_V
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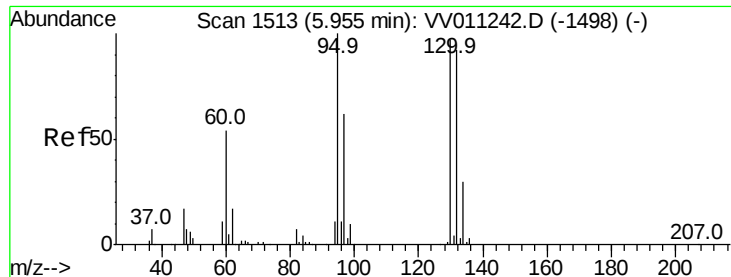
Tot Ion: 73 Resp: 4511
Ion Ratio Lower Upper
73 100
43 34.1 18.7 28.1#
57 24.7 18.1 27.1



#22
cis-1,2-Dichloroethene
Concen: 4.146 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011251.D
Acq: 06 Jun 2019 18:00

Tgt Ion: 96 Resp: 51740
Ion Ratio Lower Upper
96 100
61 131.8 100.8 187.2
68 0.5 0.0 0.0#



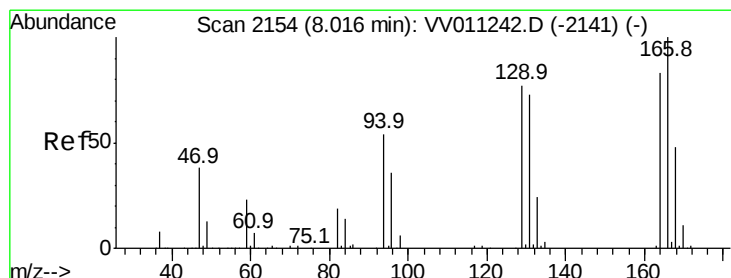
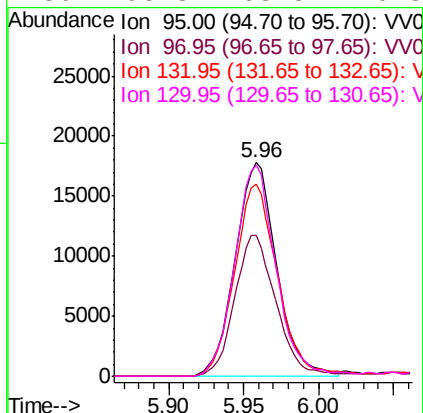
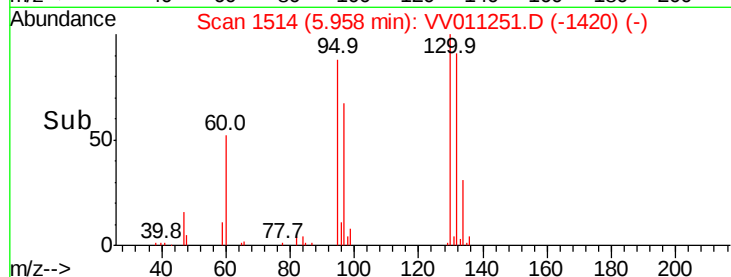
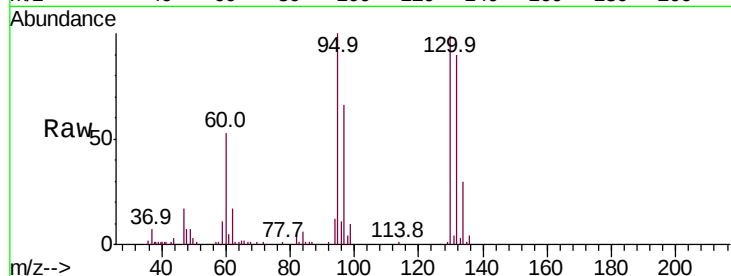


#34
 Trichloroethene
 Concen: 2.834 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV011251.D
 Acq: 06 Jun 2019 18:00

Instrument :
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Tot Ion: 95 Resp: 34387

Ion	Ratio	Lower	Upper
95	100		
97	66.0	45.8	85.2
132	90.2	66.4	123.2
130	98.8	68.3	126.8



#47
 Tetrachloroethene
 Concen: 1.491 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV011251.D
 Acq: 06 Jun 2019 18:00

Tgt Ion: 164 Resp: 13078

Ion	Ratio	Lower	Upper
164	100		
129	103.0	69.9	129.9
131	98.8	66.8	124.2
166	127.8	90.2	167.6

