

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017753.D
 Acq On : 30 Jul 2020 17:09
 Operator : SY/MD
 Sample : L3422-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C68

Quant Time: Jul 31 02:39:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 02:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	324130	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	306986	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150724	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76364	48.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.62%
7) Chloroethane-d5	1.58	69	66335	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.30%
11) 1,1-Dichloroethene-d2	2.12	63	133317	35.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.20%
21) 2-Butanone-d5	3.91	46	122009	102.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.66%
24) Chloroform-d	4.38	84	208423	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
26) 1,2-Dichloroethane-d4	5.05	65	158608	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.54%
32) Benzene-d6	5.07	84	368180	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.38%
36) 1,2-Dichloropropane-d6	6.09	67	104218	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.92%
41) Toluene-d8	7.34	98	351770	49.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.78%
43) trans-1,3-Dichloropropene-	7.64	79	62990	47.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.04%
47) 2-Hexanone-d5	8.11	63	83982	97.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.41%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	138838	45.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	155802	52.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.32%

Target Compounds

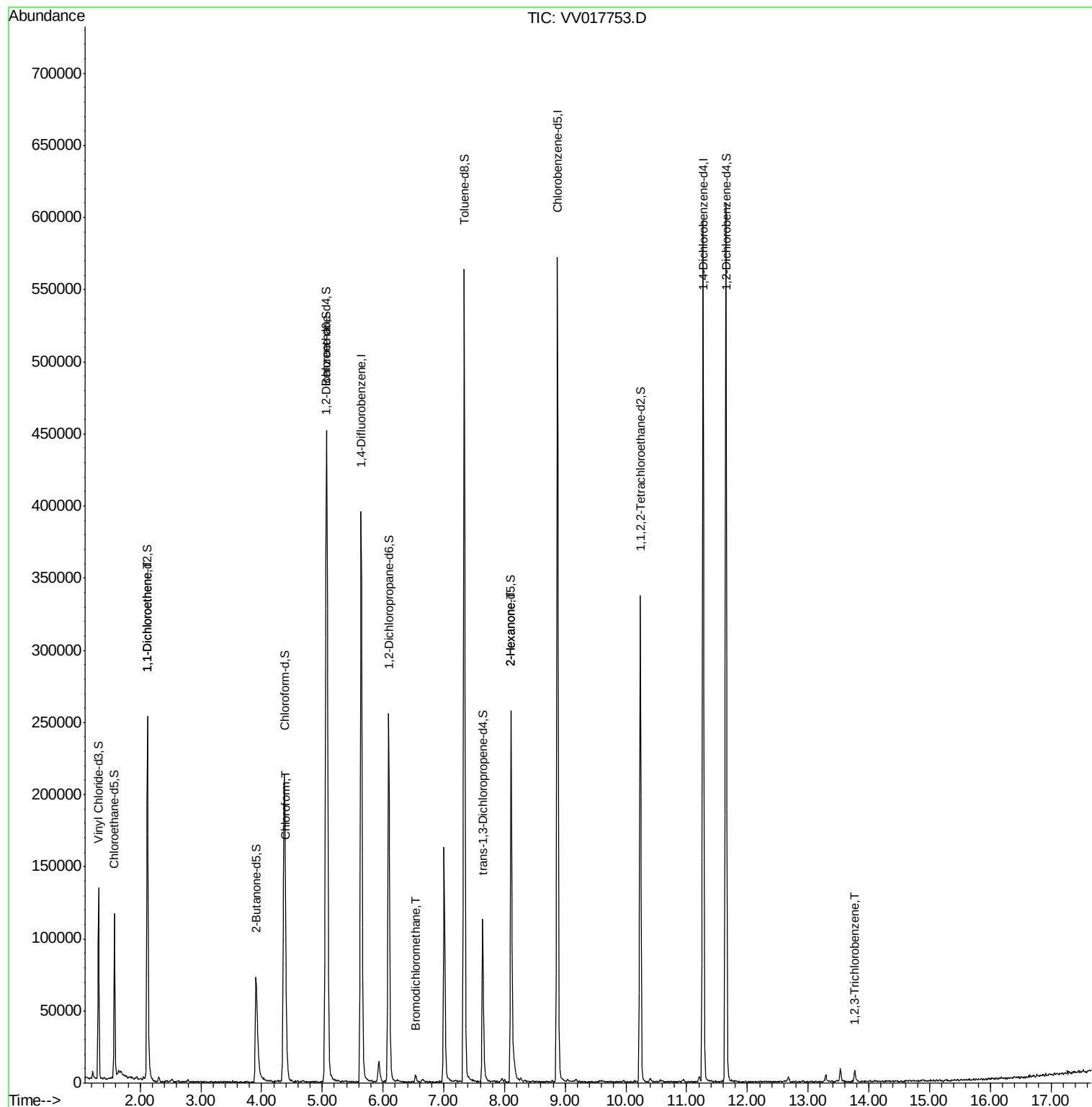
					Ovalue
12) 1,1-Dichloroethene	2.12	96	1465	0.751 ug/L #	1
25) Chloroform	4.40	83	25788	5.797 ug/L	94
38) Bromodichloromethane	6.54	83	3411	1.005 ug/L #	90
48) 2-Hexanone	8.11	43	11130	5.259 ug/L #	77
70) 1,2,3-Trichlorobenzene	13.77	180	1995	0.615 ug/L #	78

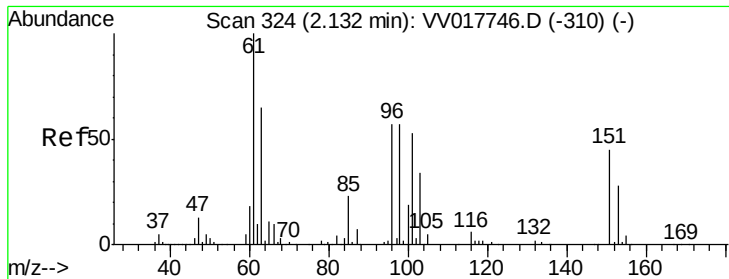
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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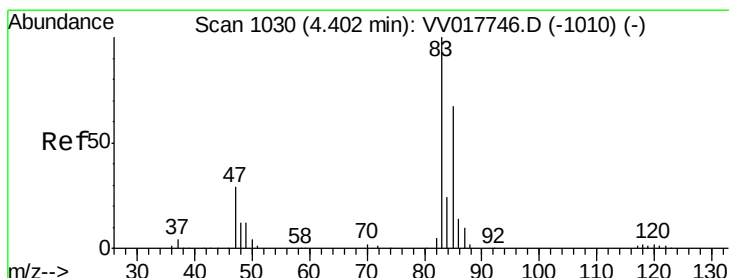
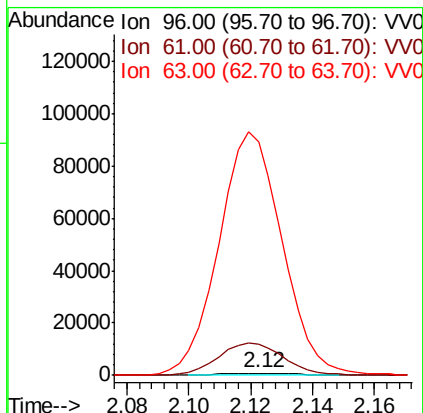
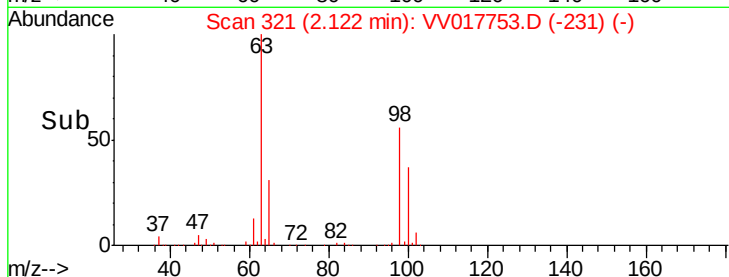
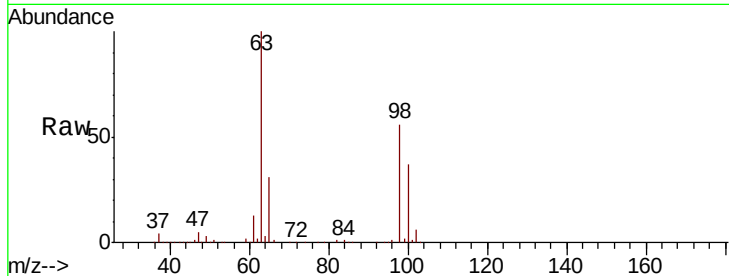




#12
 1,1-Dichloroethene
 Concen: 0.751 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV017753.D
 Acq: 30 Jul 2020 17:09

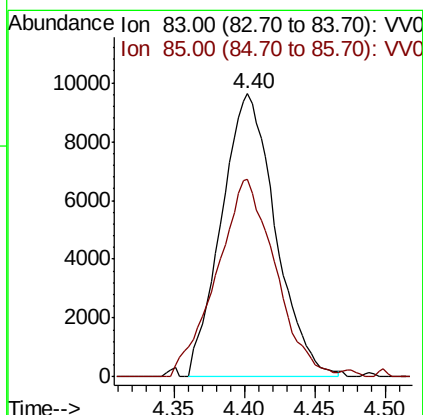
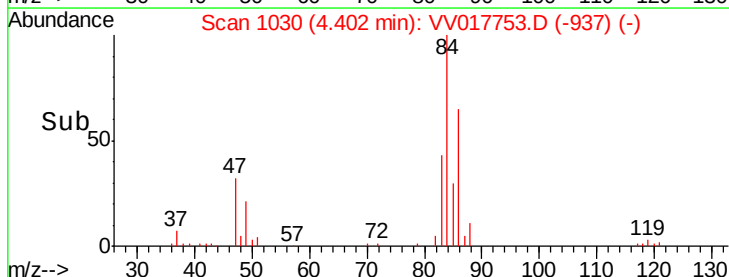
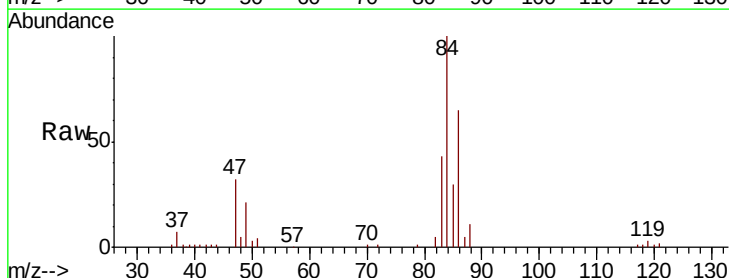
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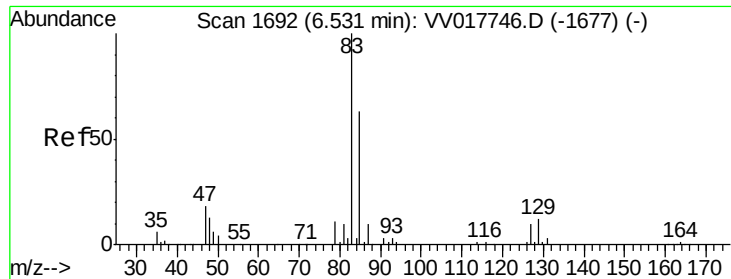
Tot Ion: 96 Resp: 1465
 Ion Ratio Lower Upper
 96 100
 61 1329.7 131.0 243.2#
 63 10004.9 88.5 164.3#



#25
 Chloroform
 Concen: 5.797 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VV017753.D
 Acq: 30 Jul 2020 17:09

Tgt Ion: 83 Resp: 25788
 Ion Ratio Lower Upper
 83 100
 85 69.7 45.7 84.9

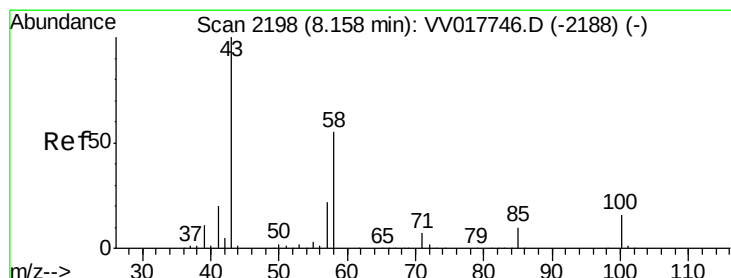
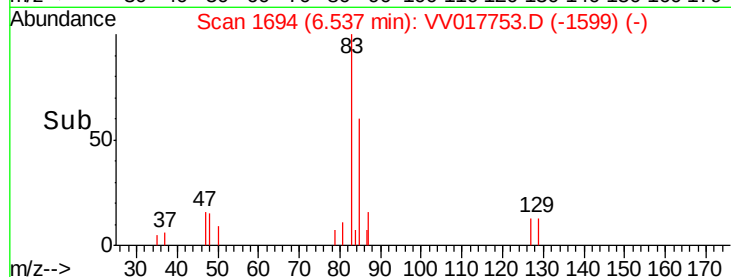
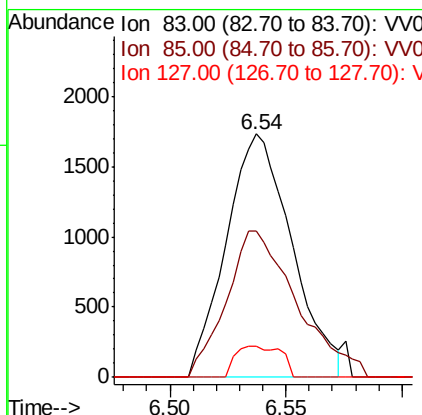
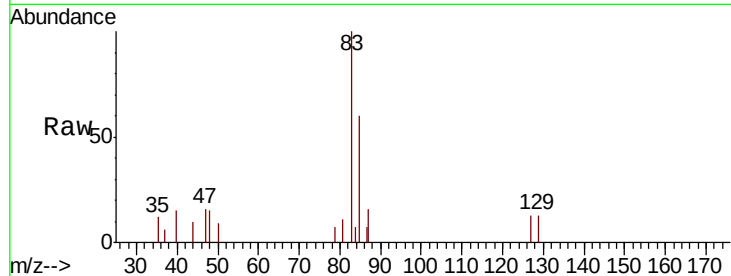




#38
 Bromodichloromethane
 Concen: 1.005 ug/L
 RT: 6.54 min Scan# 1694
 Delta R.T. 0.01 min
 Lab File: VV017753.D
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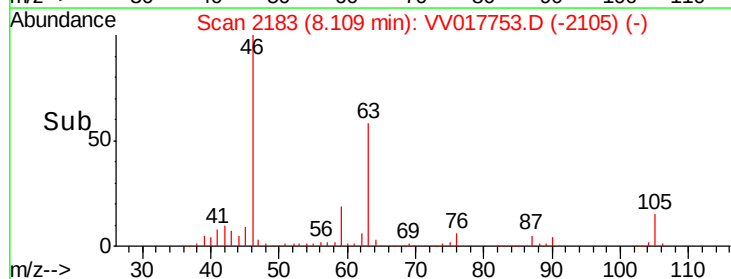
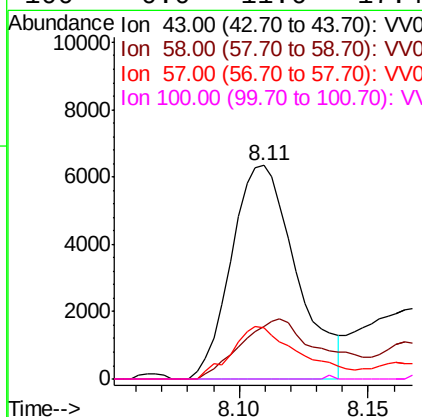
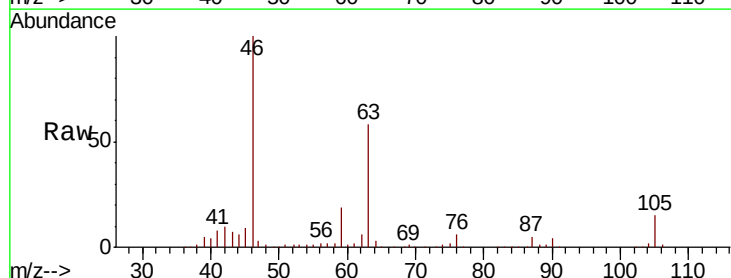
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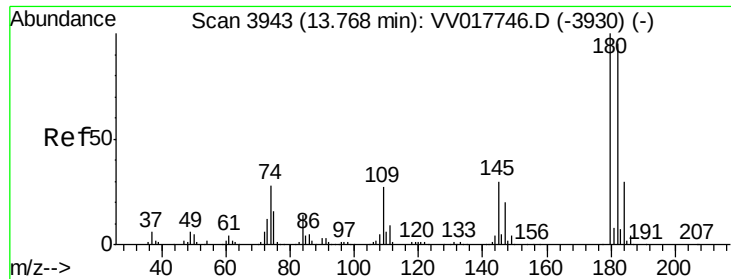
Tot Ion: 83 Resp: 3411
 Ion Ratio Lower Upper
 83 100
 85 56.0 44.8 83.2
 127 12.2 7.4 11.0#



#48
 2-Hexanone
 Concen: 5.259 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV017753.D
 Acq: 30 Jul 2020 17:09

Tgt Ion: 43 Resp: 11130
 Ion Ratio Lower Upper
 43 100
 58 35.9 42.8 64.2#
 57 25.8 16.6 24.8#
 100 0.0 11.6 17.4#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.615 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV017753.D
 Acq: 30 Jul 2020 17:09

Instrument :
 MSVOA_V
 ClientSampleId :
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Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	78.7	76.7	115.1	
145	53.7	26.4	39.6	

