

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041620\
 Data File : VV015530.D
 Acq On : 16 Apr 2020 12:23
 Operator : SY/MD
 Sample : L2288-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCK1

Quant Time: Apr 17 01:22:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 17 00:46:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	103272	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	98973	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	47686	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28382	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.58	69	26047	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.12	63	40503	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.94	46	81623	54.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.50%
24) Chloroform-d	4.38	84	59203	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.06	65	32530	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.08	84	115277	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.09	67	36100	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.34	98	105664	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.64	79	14272	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.11	63	63454	44.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	24279	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	38170	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

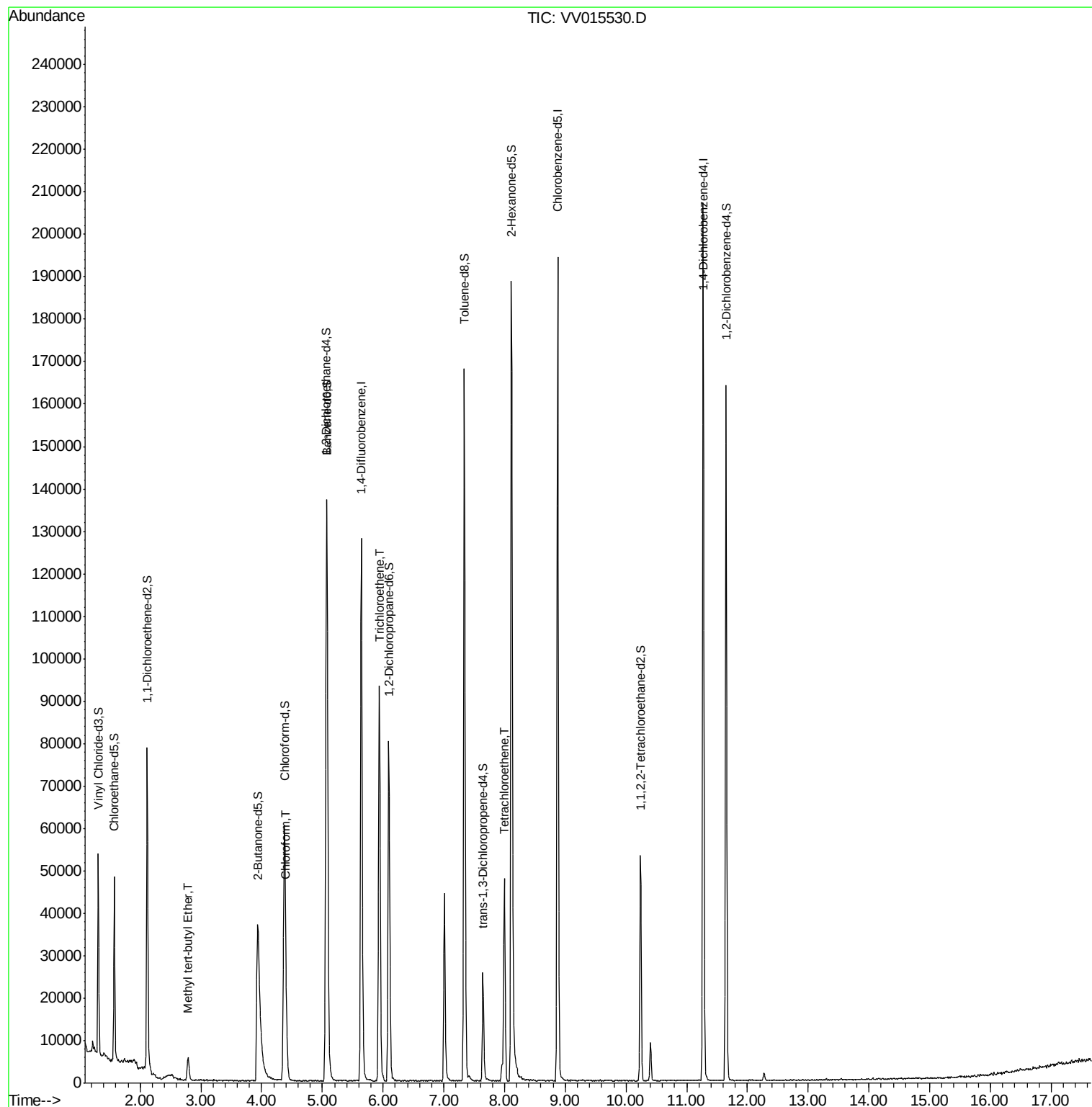
					Ovalue
17) Methyl tert-butyl Ether	2.79	73	5315	0.307 ug/L	94
25) Chloroform	4.41	83	9286	0.659 ug/L	96
34) Trichloroethene	5.94	95	32625	4.092 ug/L	97
47) Tetrachloroethene	8.00	164	10032	1.698 ug/L	98

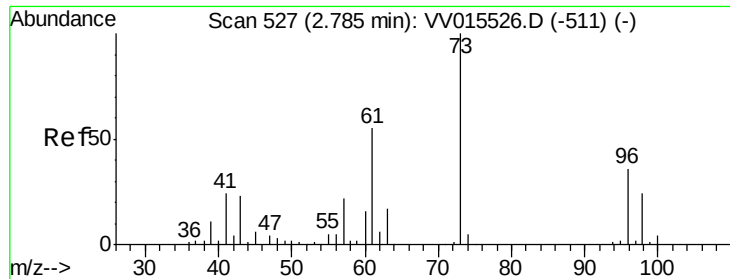
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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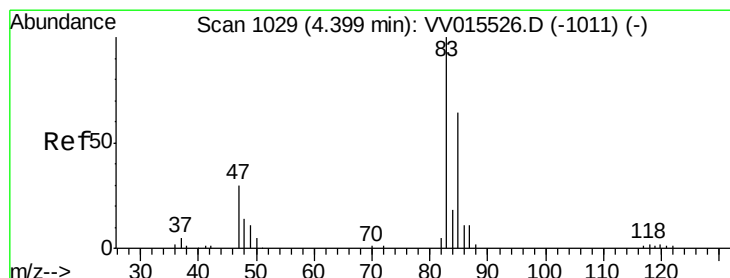
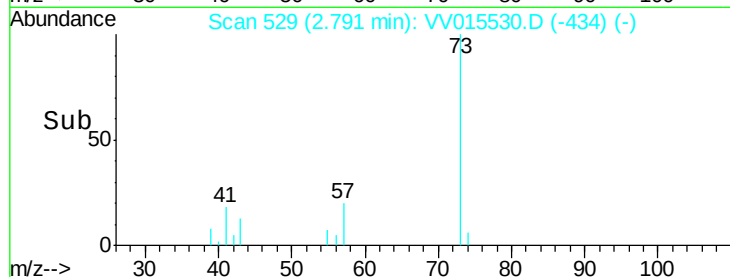
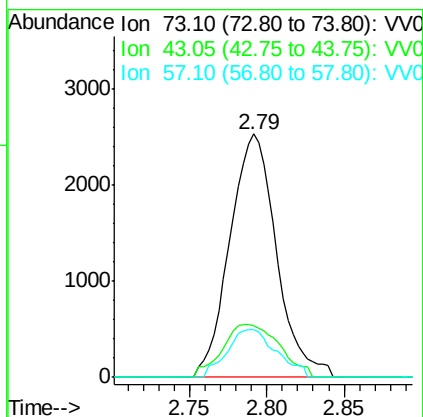
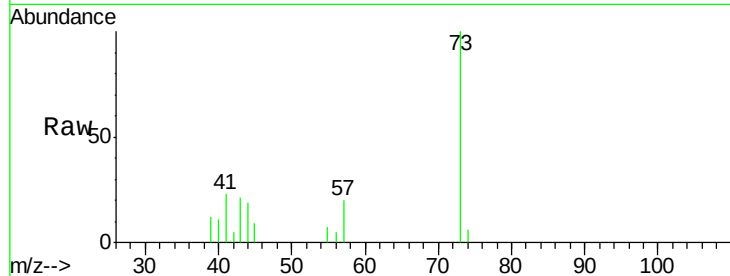




#17
Methyl tert-butyl Ether
Concen: 0.307 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.01 min
Lab File: VV015530.D
Acq: 16 Apr 2020 12:23

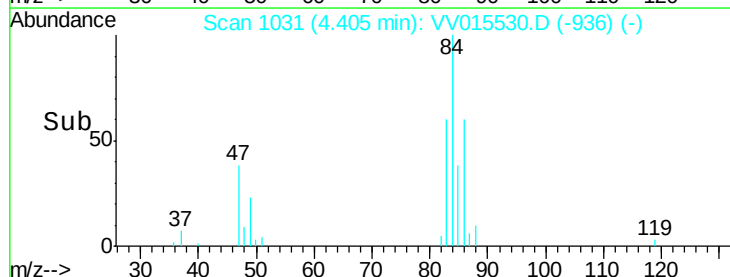
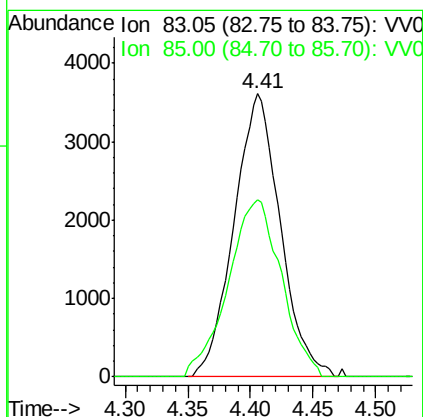
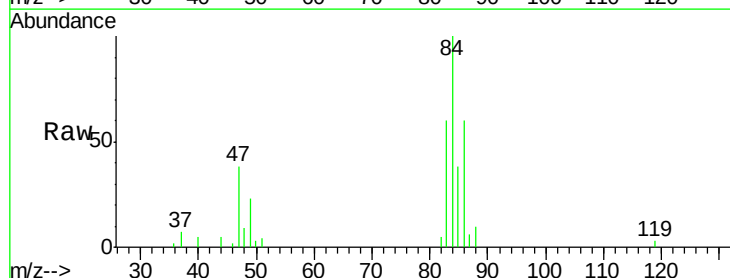
Instrument :
MSVOA_V
ClientSampled :
BFCK1

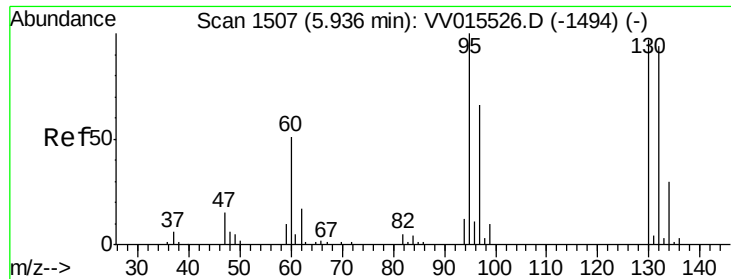
Tot Ion: 73 Resp: 5315
Ion Ratio Lower Upper
73 100
43 26.6 18.3 27.5
57 20.6 18.4 27.6



#25
Chloroform
Concen: 0.659 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015530.D
Acq: 16 Apr 2020 12:23

Tgt Ion: 83 Resp: 9286
Ion Ratio Lower Upper
83 100
85 62.8 45.9 85.3





#34

Trichloroethene

Concen: 4.092 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015530.D

Acq: 16 Apr 2020 12:23

Instrument :

MSVOA_V

ClientSampled :

BFCk1

Tot Ion: 95 Resp: 32625

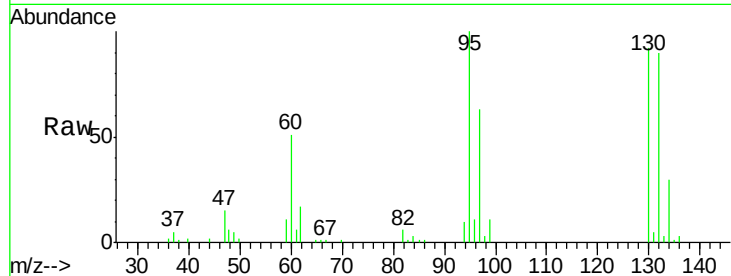
Ion Ratio Lower Upper

95 100

97 62.8 45.4 84.4

132 89.7 64.8 120.4

130 92.1 67.4 125.2

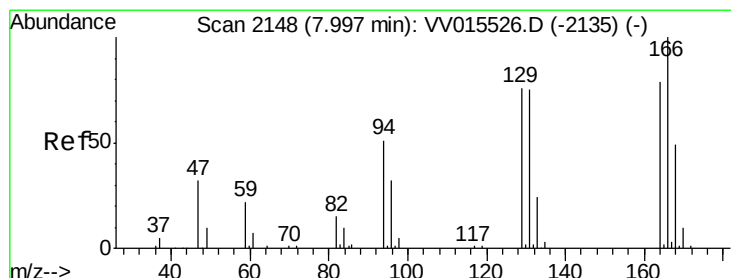
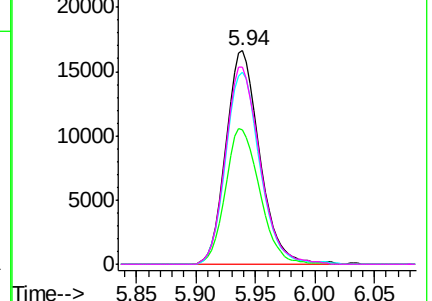
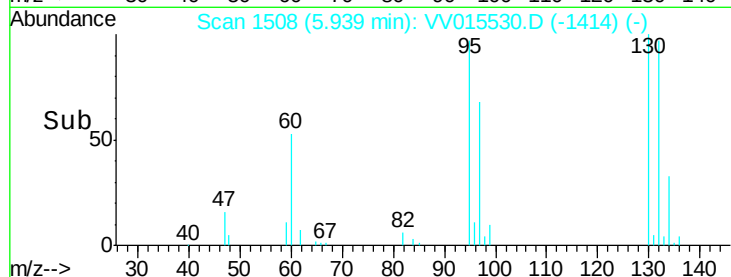


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 1.698 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015530.D

Acq: 16 Apr 2020 12:23

Tgt Ion: 164 Resp: 10032

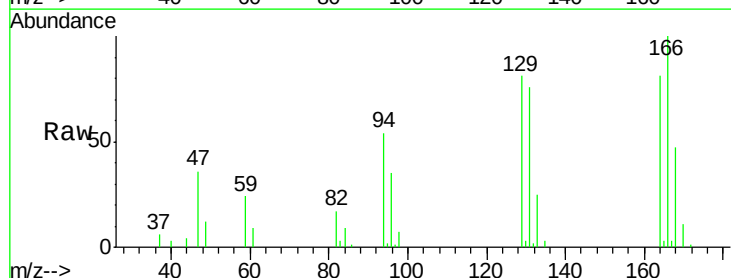
Ion Ratio Lower Upper

164 100

129 100.3 70.6 131.0

131 94.1 68.3 126.8

166 123.3 88.3 163.9



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

