

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\
 Data File : VV015584.D
 Acq On : 20 Apr 2020 16:27
 Operator : SY/MD
 Sample : L2288-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCK1

Quant Time: Apr 21 02:58:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 00:05:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	99706	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	94202	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	45145	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21498	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	21518	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.12	63	33884	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	3.95	46	80800	55.62	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.24%
24) Chloroform-d	4.38	84	53809	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.06	65	31062	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.07	84	100475	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.09	67	32338	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.34	98	90228	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.64	79	11095	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.11	63	64938	47.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	23038	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	33874	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

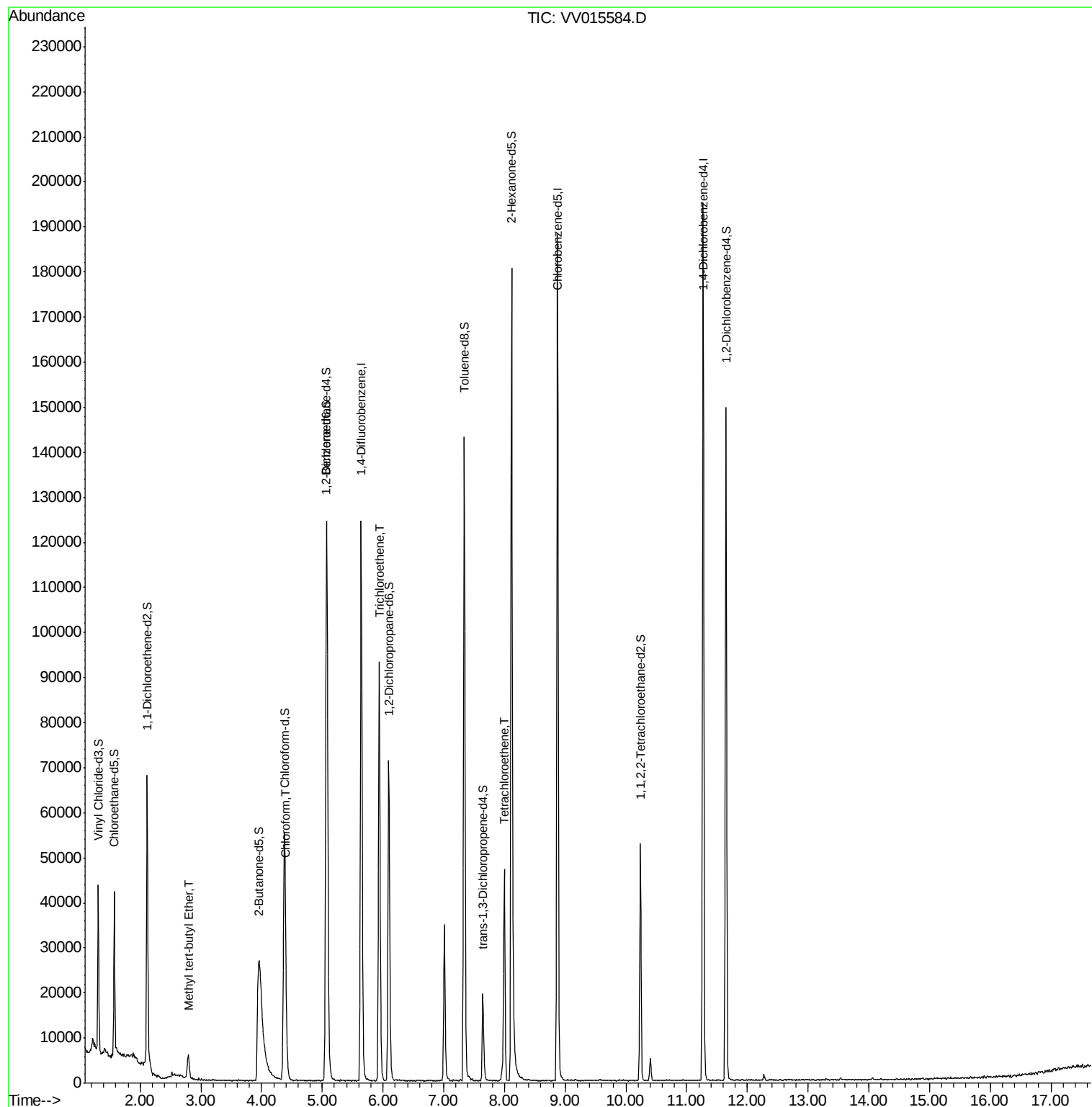
					Ovalue
17) Methyl tert-butyl Ether	2.79	73	5147	0.308 ug/L #	88
25) Chloroform	4.40	83	7953	0.585 ug/L	93
34) Trichloroethene	5.94	95	32099	4.230 ug/L	98
47) Tetrachloroethene	8.00	164	9809	1.745 ug/L	97

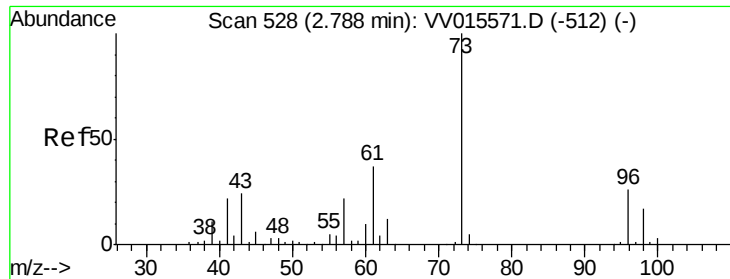
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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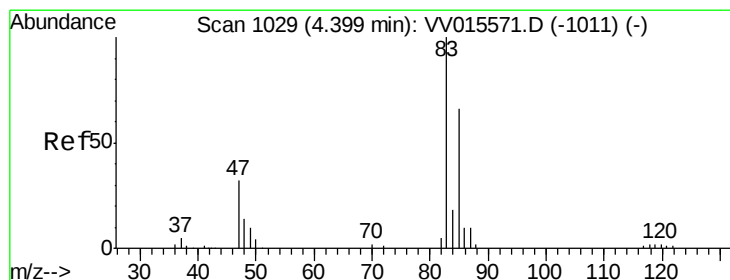
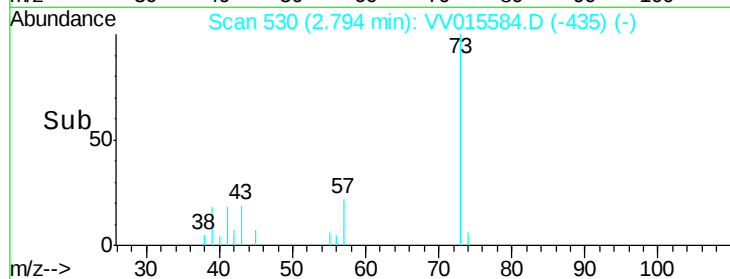
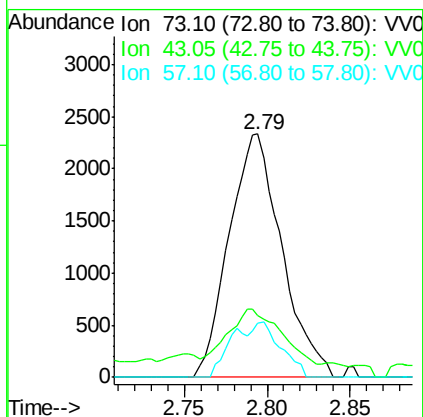
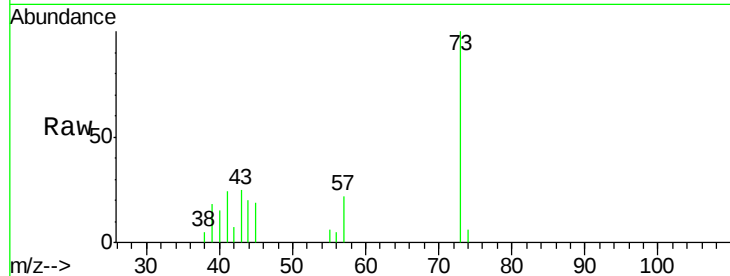




#17
Methvl tert-butvl Ether
Concen: 0.308 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV015584.D
Acq: 20 Apr 2020 16:27

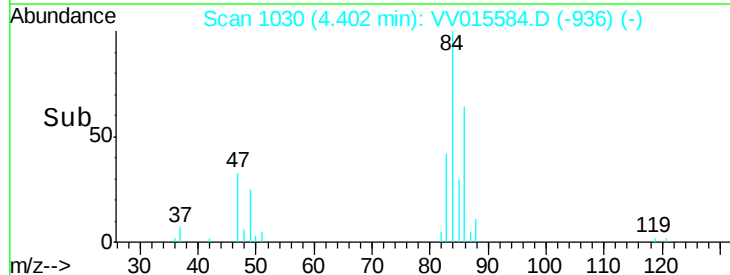
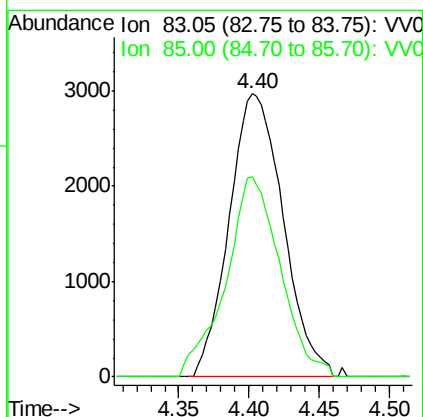
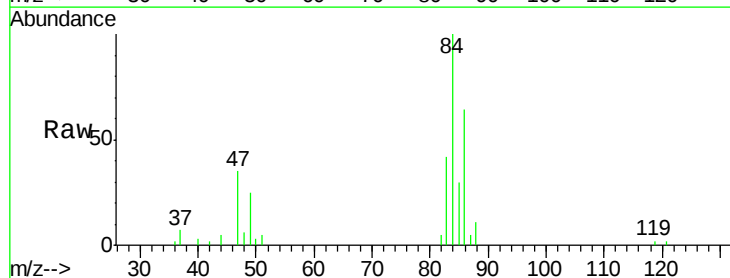
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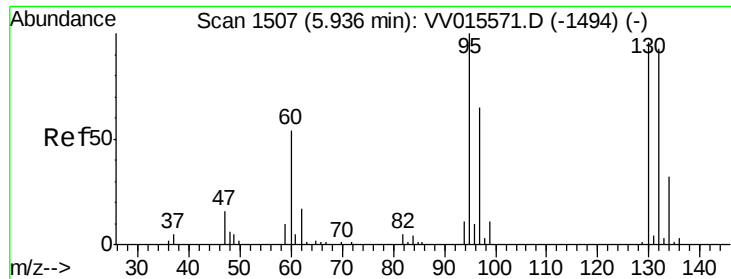
Tot Ion: 73 Resp: 5147
Ion Ratio Lower Upper
73 100
43 22.2 18.3 27.5
57 12.4 18.4 27.6#



#25
Chloroform
Concen: 0.585 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015584.D
Acq: 20 Apr 2020 16:27

Tgt Ion: 83 Resp: 7953
Ion Ratio Lower Upper
83 100
85 70.8 45.9 85.3

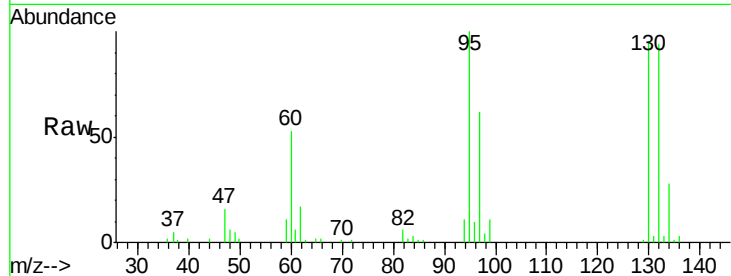




#34
 Trichloroethene
 Concen: 4.230 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV015584.D
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Tot Ion:	95	Resp:	32099
Ion	Ratio	Lower	Upper
95	100		
97	62.4	45.4	84.4
132	93.5	64.8	120.4
130	94.9	67.4	125.2

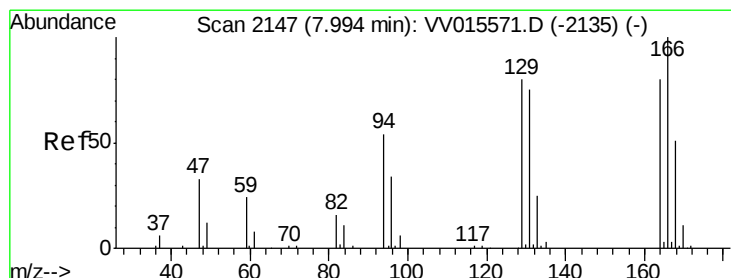
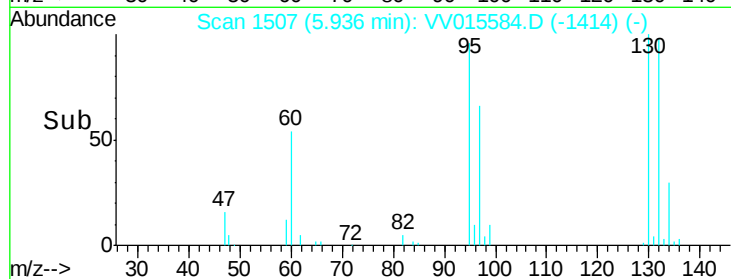
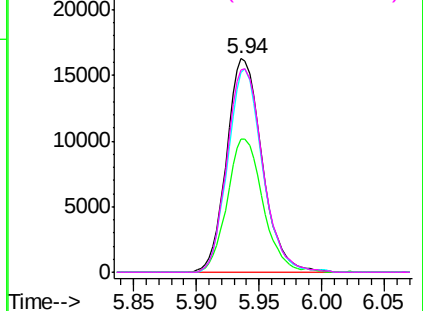


Abundance Ion 95.00 (94.70 to 95.70): VV015584.D (-1414) (-)

Ion 96.95 (96.65 to 97.65): VV015584.D (-1414) (-)

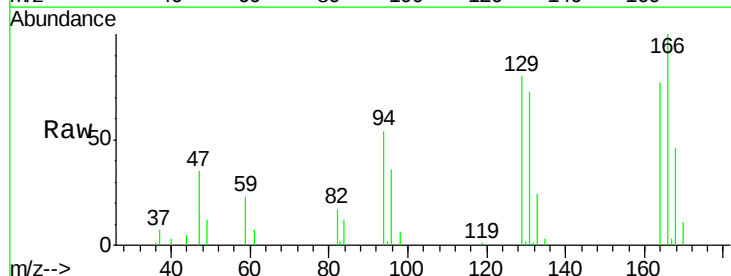
Ion 131.95 (131.65 to 132.65): VV015584.D (-1414) (-)

Ion 129.95 (129.65 to 130.65): VV015584.D (-1414) (-)



#47
 Tetrachloroethene
 Concen: 1.745 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV015584.D
 Acq: 20 Apr 2020 16:27

Tgt Ion:	164	Resp:	9809
Ion	Ratio	Lower	Upper
164	100		
129	103.4	70.6	131.0
131	93.8	68.3	126.8
166	129.1	88.3	163.9



Abundance Ion 163.90 (163.60 to 164.60): VV015584.D (-2054) (-)

Ion 128.95 (128.65 to 129.65): VV015584.D (-2054) (-)

Ion 130.95 (130.65 to 131.65): VV015584.D (-2054) (-)

Ion 165.90 (165.60 to 166.60): VV015584.D (-2054) (-)

