

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
 Data File : VV015908.D
 Acq On : 06 May 2020 14:33
 Operator : SY/MD
 Sample : L2519-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRS0

Quant Time: May 07 02:43:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 02:01:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	159679	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	155395	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	72585	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	44542	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.58	69	40641	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.12	63	69054	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.95	46	125854	49.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.86%
24) Chloroform-d	4.38	84	93881	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.06	65	55240	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.08	84	186008	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.09	67	57723	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.34	98	167606	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.64	79	20765	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.12	63	100094	48.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	40895	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	61919	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

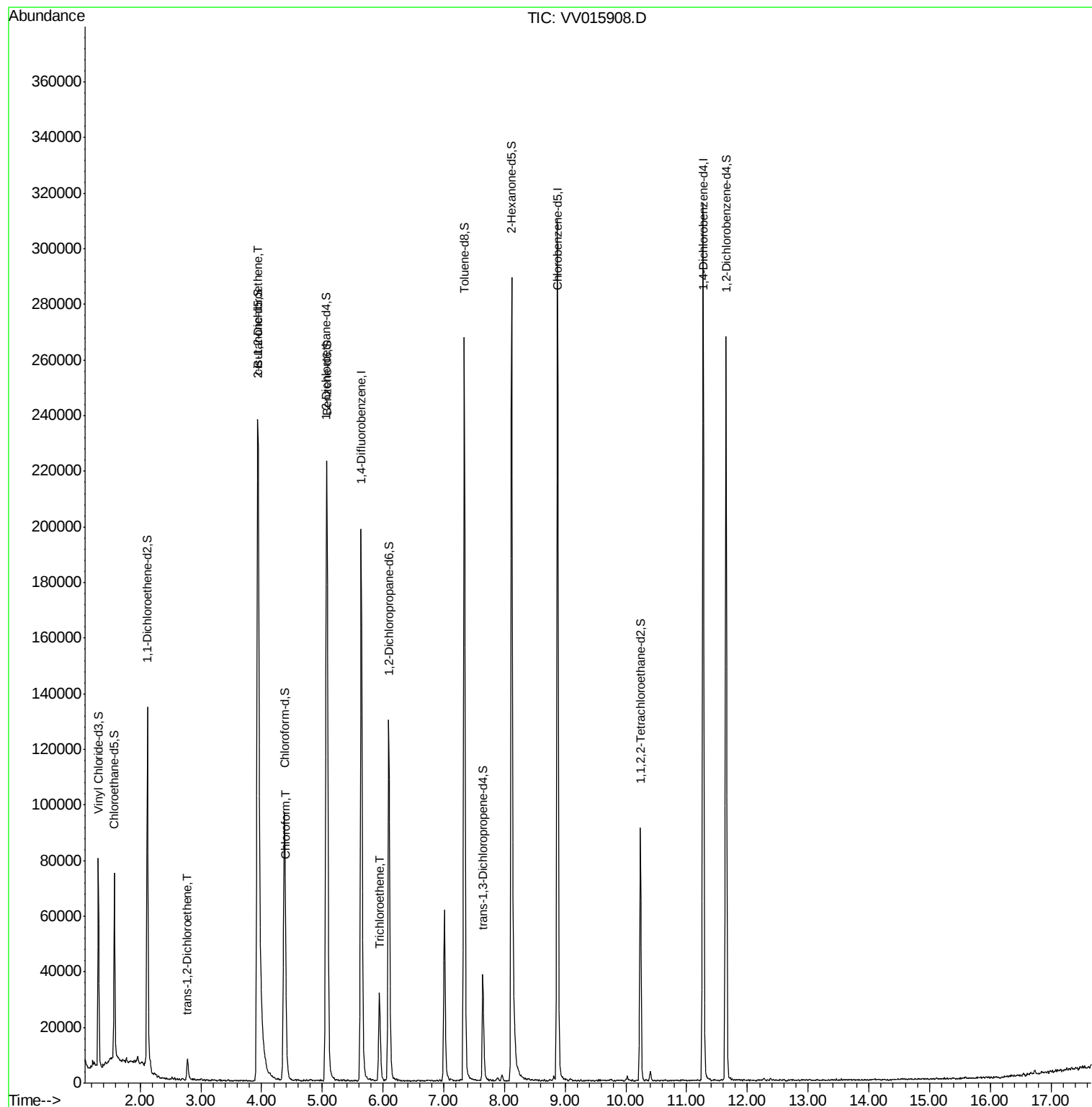
					Ovalue
18) trans-1,2-Dichloroethene	2.78	96	2467	0.245 ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	108023	10.304 ug/L	98
25) Chloroform	4.40	83	4570	0.219 ug/L	94
34) Trichloroethene	5.94	95	10422	0.941 ug/L	95

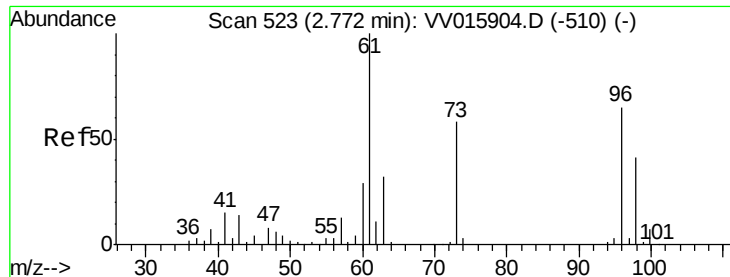
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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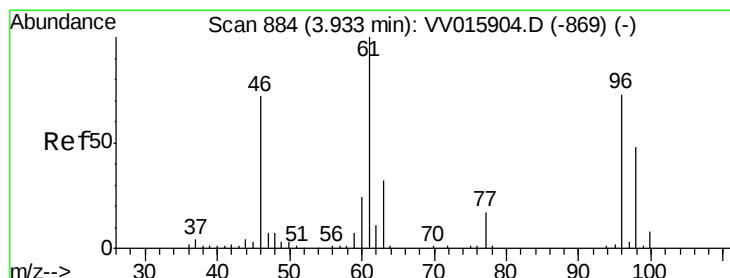
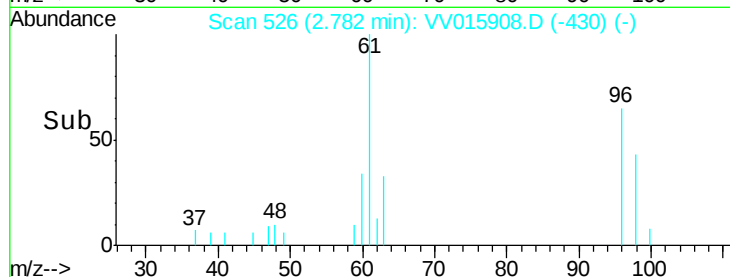
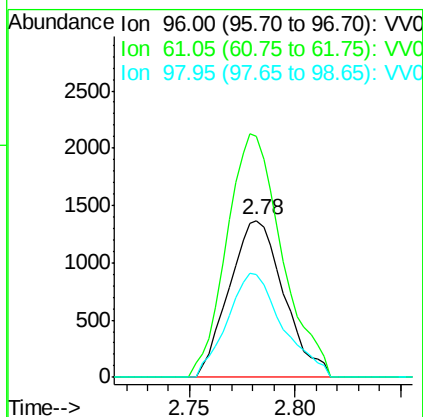
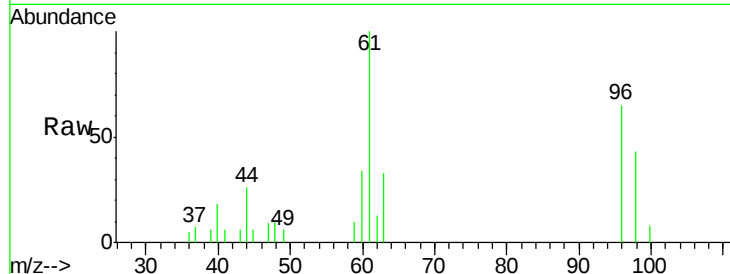




#18
trans-1,2-Dichloroethene
Concen: 0.245 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV015908.D
Acq: 06 May 2020 14:33

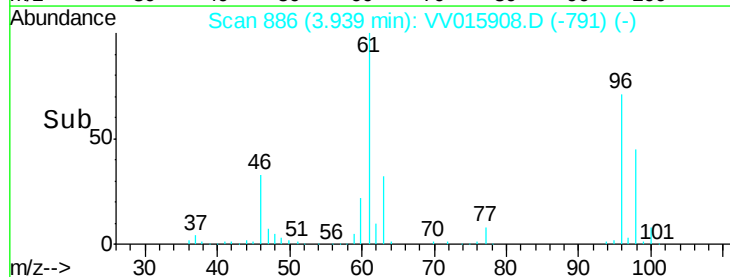
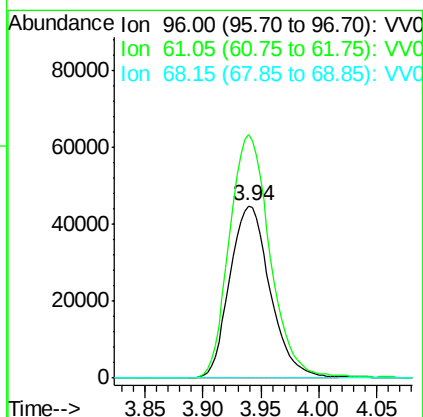
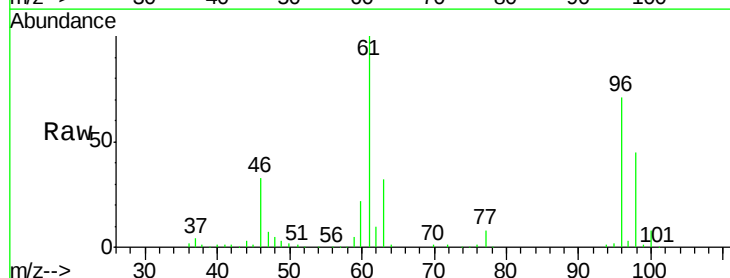
Instrument :
MSVOA_V
ClientSampled :
BFRS0

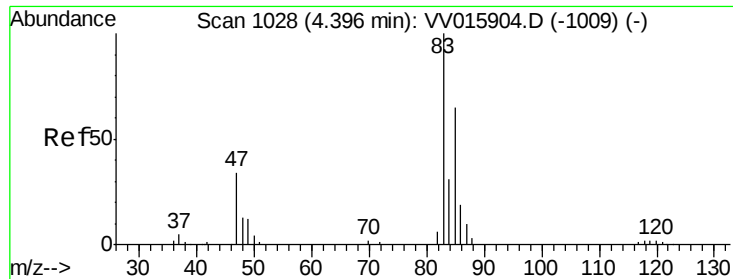
Tot Ion: 96 Resp: 2467
Ion Ratio Lower Upper
96 100
61 153.5 105.3 195.5
98 65.8 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 10.304 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV015908.D
Acq: 06 May 2020 14:33

Tgt Ion: 96 Resp: 108023
Ion Ratio Lower Upper
96 100
61 141.3 97.2 180.6
68 0.0 0.0 0.0

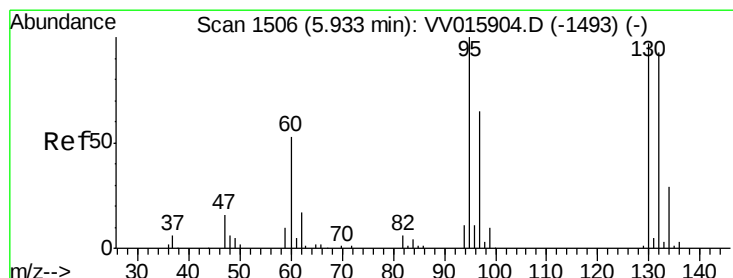
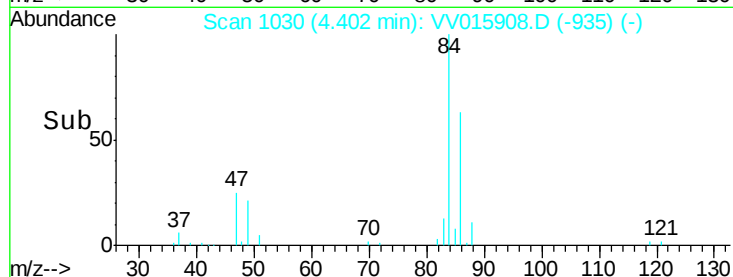
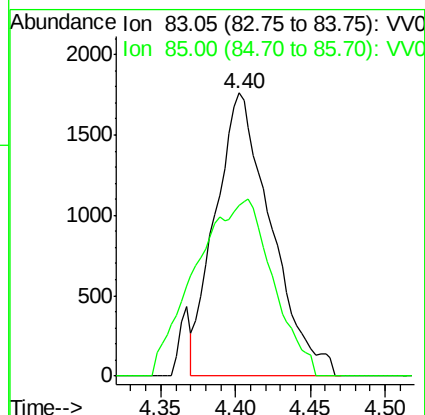
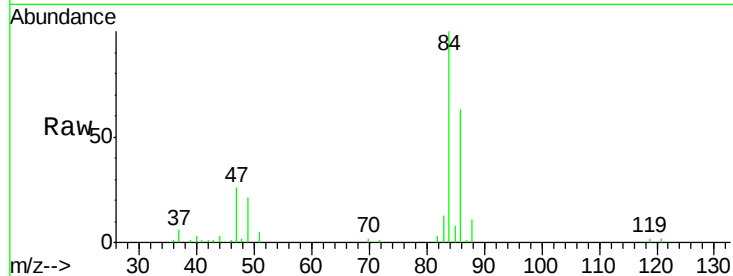




#25
Chloroform
Concen: 0.219 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VV015908.D
Acq: 06 May 2020 14:33

Instrument :
MSVOA_V
ClientSampleId :
BFRS0

Tot Ion: 83 Resp: 4570
Ion Ratio Lower Upper
83 100
85 60.5 45.7 84.9



#34
Trichloroethene
Concen: 0.941 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.01 min
Lab File: VV015908.D
Acq: 06 May 2020 14:33

Tgt Ion: 95 Resp: 10422
Ion Ratio Lower Upper
95 100
97 66.1 43.3 80.5
132 93.1 60.3 112.1
130 95.5 66.0 122.6

