

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
 Data File : VV013816.D
 Acq On : 27 Nov 2019 12:02
 Operator : SY/MD
 Sample : K5993-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GARE1

Quant Time: Dec 02 01:33:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 02:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	338679	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	331790	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	142418	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78388	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.58	69	78400	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.13	63	132596	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.96	46	217696	49.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.92%
24) Chloroform-d	4.40	84	166835	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
26) 1,2-Dichloroethane-d4	5.08	65	100881	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.10	84	371279	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.11	67	117631	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	295515	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	7.66	79	40488	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.14	63	170197	46.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	87829	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	127807	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

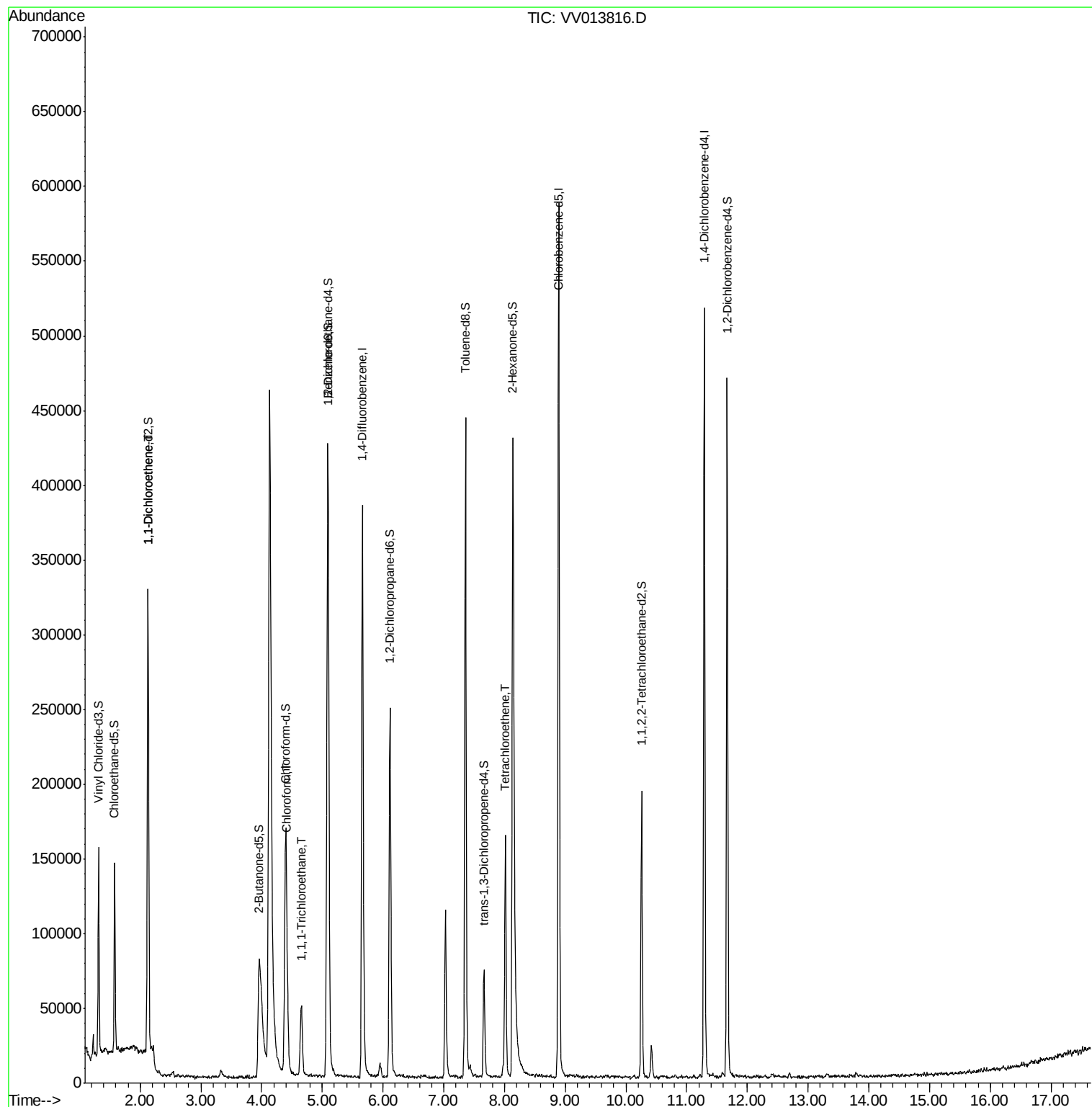
Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.14	96	40326	2.477 ug/L	94
25) Chloroform	4.42	83	34731	0.892 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	36416	1.073 ug/L	98
47) Tetrachloroethene	8.02	164	38602	1.980 ug/L	93

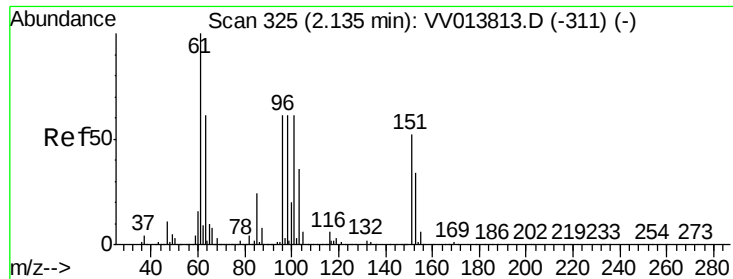
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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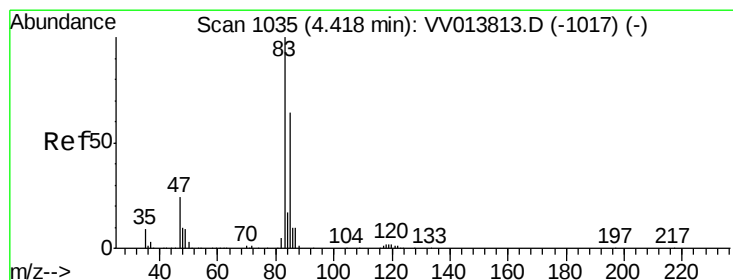
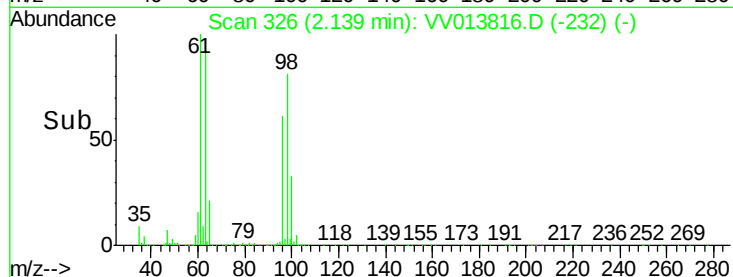
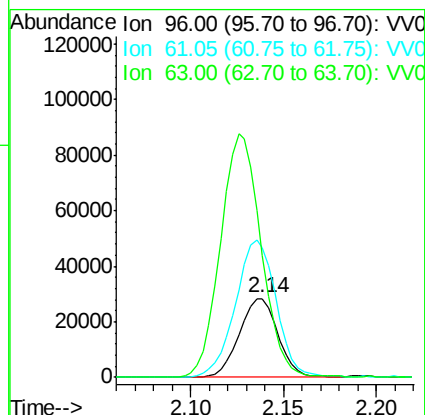
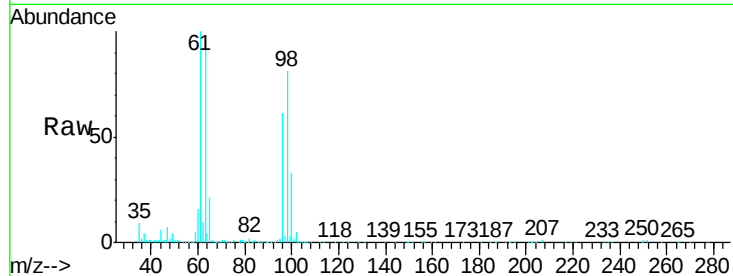




#12
 1,1-Dichloroethene
 Concen: 2.477 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VV013816.D
 Acq: 27 Nov 2019 12:02

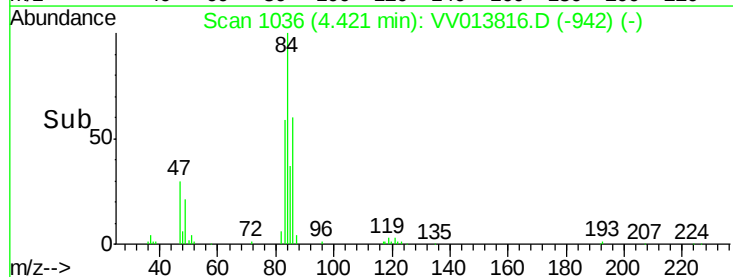
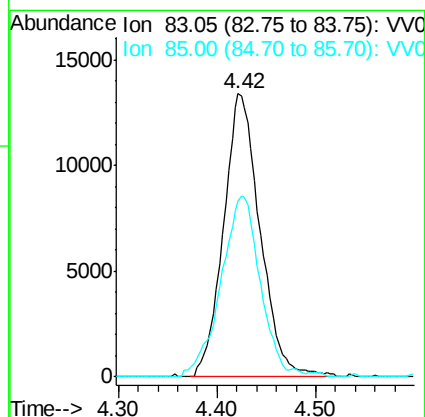
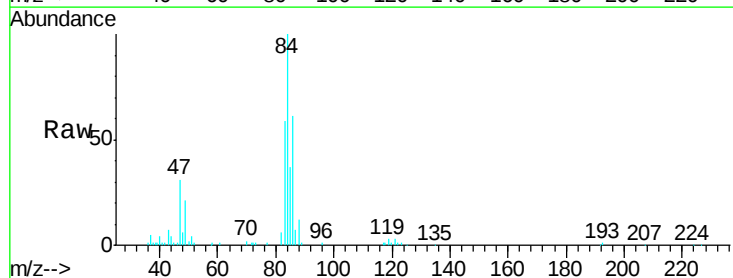
Instrument :
 MSVOA_V
 ClientSampled :
 GARE1

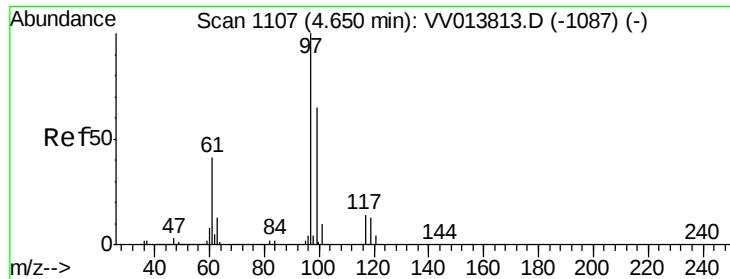
Tgt Ion: 96 Resp: 40326
 Ion Ratio Lower Upper
 96 100
 61 164.4 116.3 215.9
 63 153.6 96.7 179.7



#25
 Chloroform
 Concen: 0.892 ug/L
 RT: 4.42 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VV013816.D
 Acq: 27 Nov 2019 12:02

Tgt Ion: 83 Resp: 34731
 Ion Ratio Lower Upper
 83 100
 85 62.3 45.1 83.7

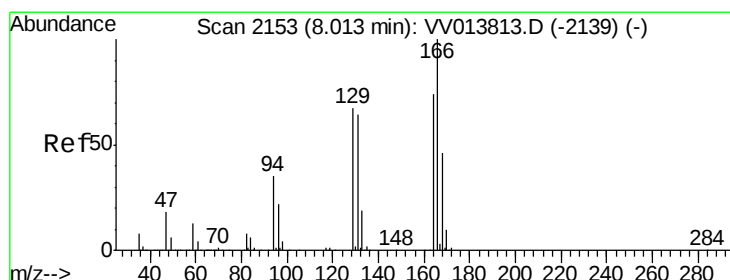
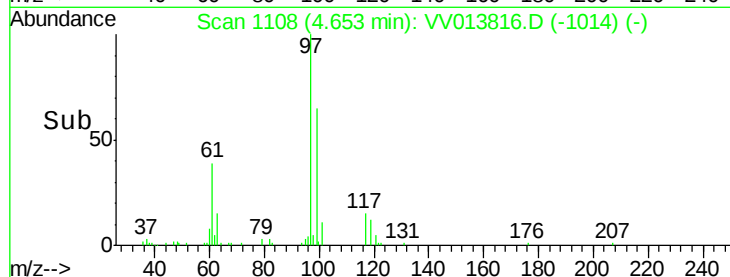
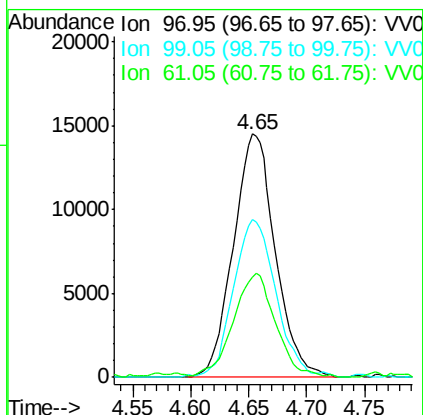
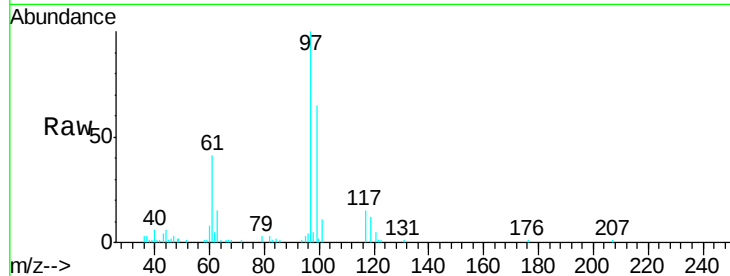




#29
 1,1,1-Trichloroethane
 Concen: 1.073 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VV013816.D
 Acq: 27 Nov 2019 12:02

Instrument :
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 ClientSampleId :
 GARE1

Tgt Ion: 97 Resp: 36416
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.7 77.5
 61 41.0 35.0 52.6



#47
 Tetrachloroethene
 Concen: 1.980 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV013816.D
 Acq: 27 Nov 2019 12:02

Tgt Ion: 164 Resp: 38602
 Ion Ratio Lower Upper
 164 100
 129 94.8 60.3 112.1
 131 87.6 59.9 111.3
 166 138.3 89.1 165.5

