

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
 Data File : VV014769.D
 Acq On : 09 Mar 2020 12:17
 Operator : SY/MD
 Sample : L1834-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DK3

Quant Time: Mar 10 14:47:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 10 14:44:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	444434	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	438343	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	222571	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	132900	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.38%
7) Chloroethane-d5	1.58	69	105705	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.92%
11) 1,1-Dichloroethene-d2	2.12	63	170051	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.06%
21) 2-Butanone-d5	3.93	46	181493	80.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.91%
24) Chloroform-d	4.37	84	253257	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
26) 1,2-Dichloroethane-d4	5.06	65	176238	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
32) Benzene-d6	5.07	84	548102	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
36) 1,2-Dichloropropane-d6	6.09	67	170973	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.14%
41) Toluene-d8	7.34	98	523496	46.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.36%
43) trans-1,3-Dichloropropene-	7.64	79	86530	46.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.40%
47) 2-Hexanone-d5	8.12	63	143547	84.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.28%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	225862	42.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	210292	47.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.34%

Target Compounds

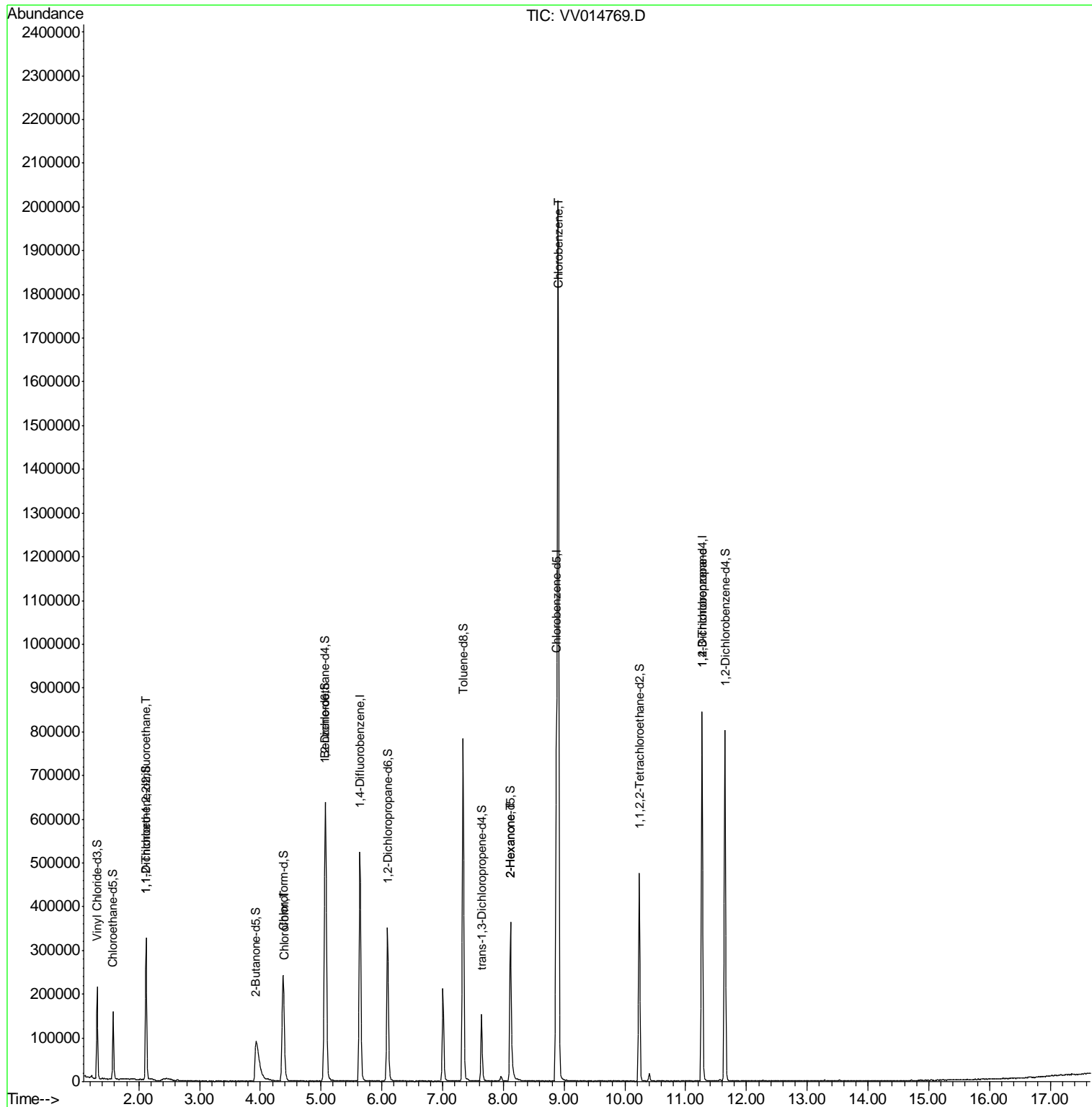
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1732	0.70	ug/L #	17
25) Chloroform	4.40	83	16070	2.66	ug/L	85
48) 2-Hexanone	8.12	43	17244	4.41	ug/L #	77
51) Chlorobenzene	8.90	112	1035268	114.85	ug/L	99
59) 1,2,3-Trichloropropane	11.27	75	24590	5.61	ug/L	90

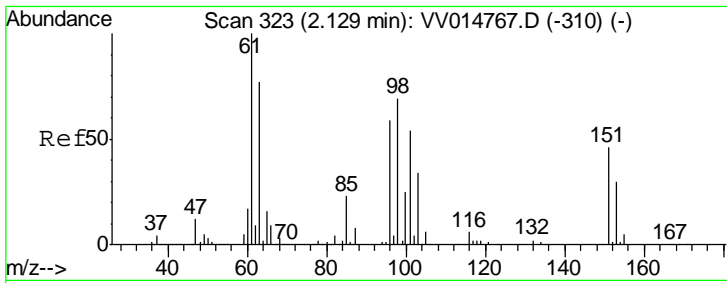
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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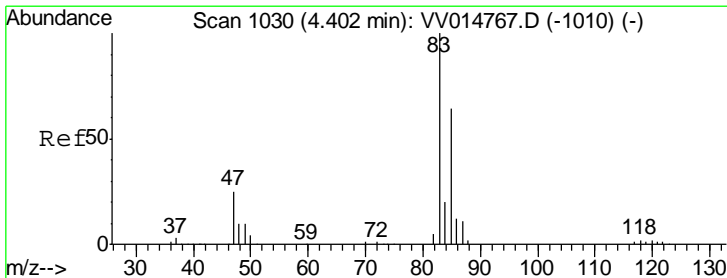
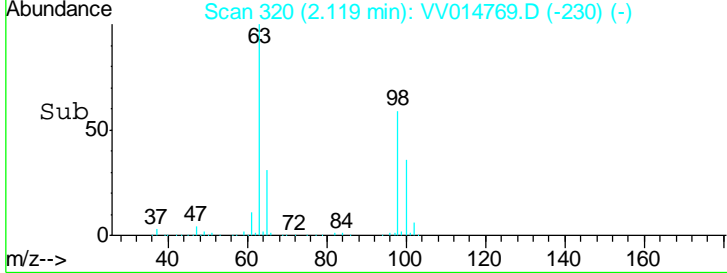
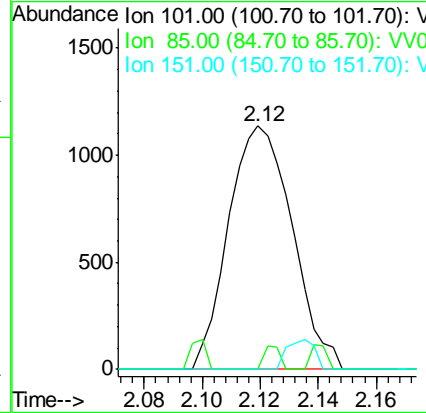
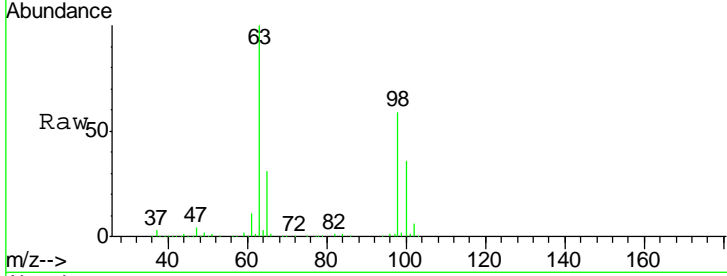




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.70 ug/L
 RT: 2.12 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VV014769.D
 Acq: 09 Mar 2020 12:17

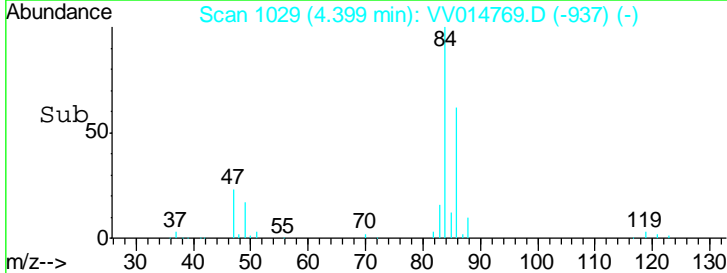
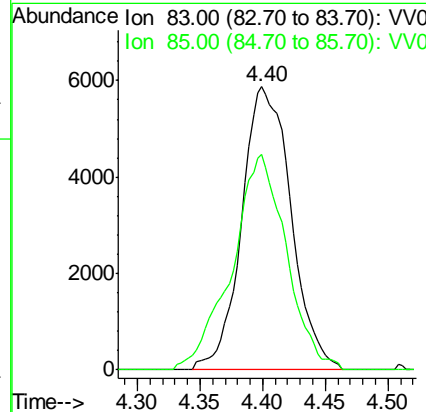
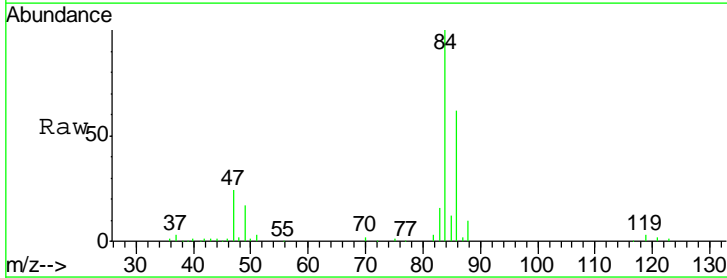
Instrument :
 MSVOA_V
 ClientSampled :
 C0DK3

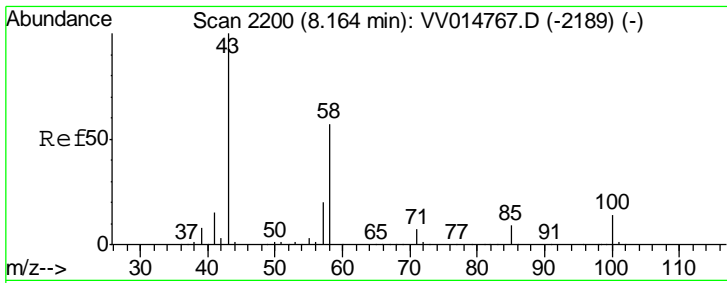
Tgt Ion	Resp	Lower	Upper
101	1732		
101	100		
85	2.4	35.0	52.6#
151	0.0	66.4	99.6#



#25
 Chloroform
 Concen: 2.66 ug/L
 RT: 4.40 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VV014769.D
 Acq: 09 Mar 2020 12:17

Tgt Ion	Resp	Lower	Upper
83	16070		
83	100		
85	76.1	45.1	83.9

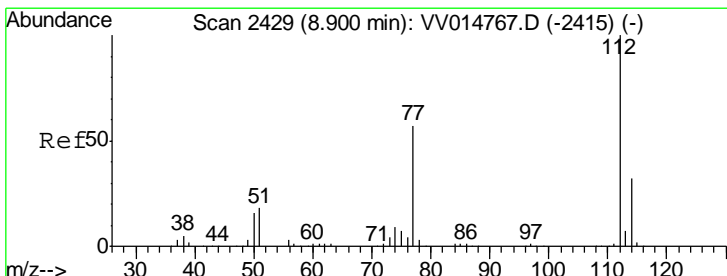
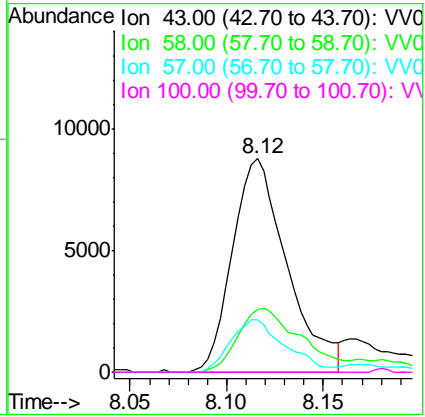
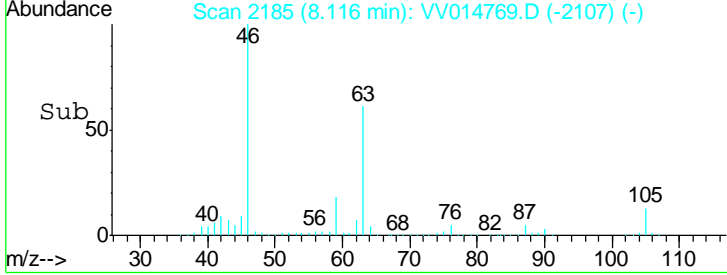
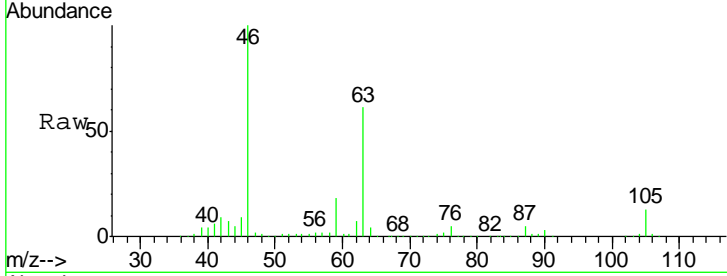




#48
 2-Hexanone
 Concen: 4.41 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.05 min
 Lab File: VV014769.D
 Acq: 09 Mar 2020 12:17

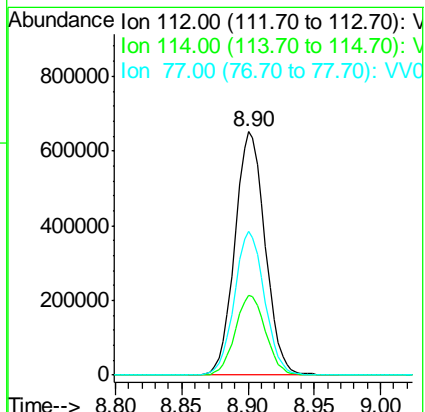
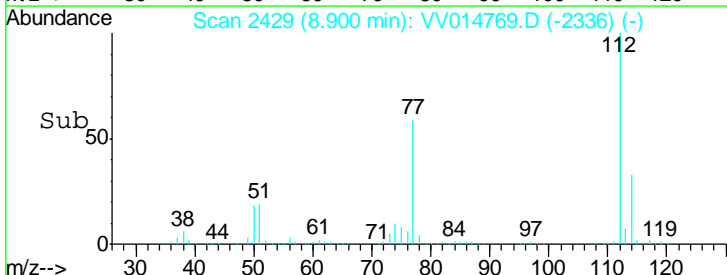
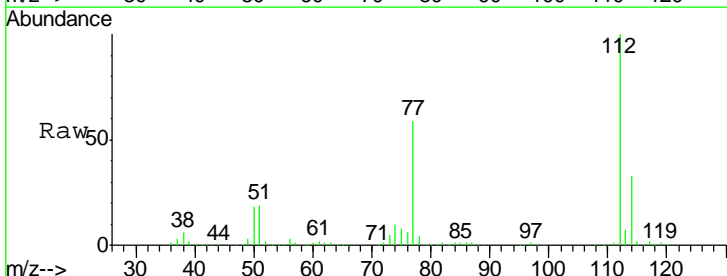
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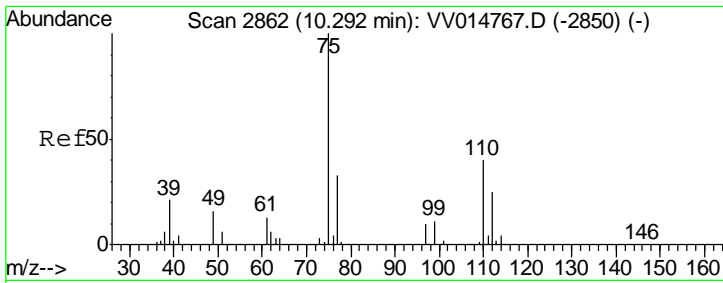
Tgt Ion	Resp	Lower	Upper
43	17244		
58	34.8	43.3	64.9#
57	24.6	15.6	23.4#
100	0.0	8.7	13.1#



#51
 Chlorobenzene
 Concen: 114.85 ug/L
 RT: 8.90 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: VV014769.D
 Acq: 09 Mar 2020 12:17

Tgt Ion	Resp	Lower	Upper
112	1035268		
114	32.8	22.1	41.1
77	59.0	47.8	71.8





#59
 1,2,3-Trichloropropane
 Concen: 5.61 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV014769.D
 Acq: 09 Mar 2020 12:17

Instrument : MSVOA_V
 ClientSampled : C0DK3

Tgt Ion: 75 Resp: 24590

Ion	Ratio	Lower	Upper
75	100		
77	37.5	25.6	38.4

