

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013810.D
 Acq On : 27 Nov 2019 00:51
 Operator : SY/MD
 Sample : K6004-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:14:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 03:09:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	329002	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	326454	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	138785	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74160	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.58	69	74683	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.12	63	107324	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	3.96	46	247353	58.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.86%
24) Chloroform-d	4.40	84	169220	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.08	65	98289	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.09	84	346482	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.11	67	113920	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	271821	3.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.80%#
43) trans-1,3-Dichloropropene-	7.66	79	38382	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.14	63	187394	52.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	85683	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	120795	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

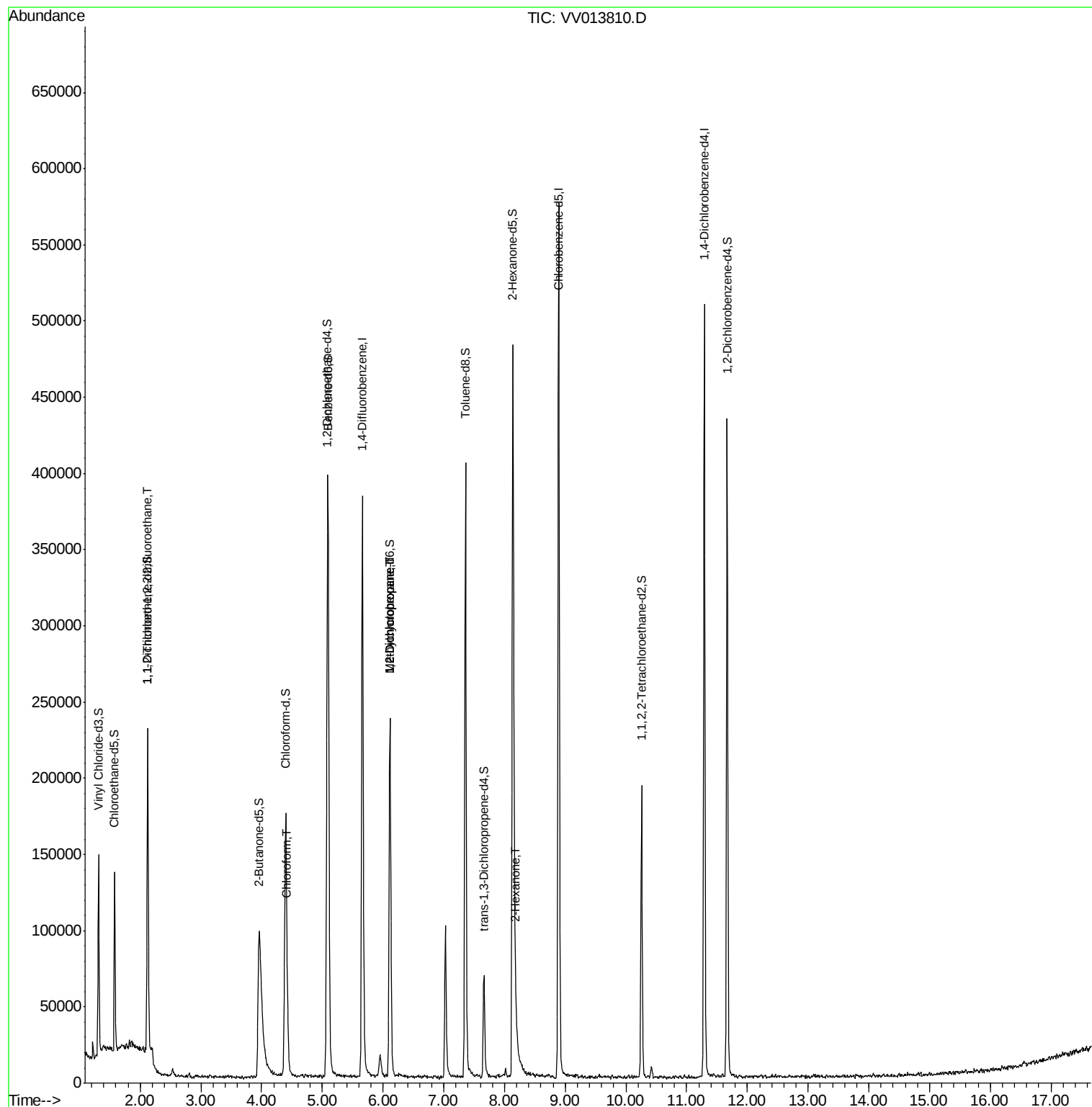
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1571	0.087 ug/L #	32
25) Chloroform	4.43	83	23280	0.616 ug/L	96
35) Methylcyclohexane	6.11	83	27698	0.940 ug/L #	20
37) 1,2-Dichloropropane	6.11	63	12540	0.609 ug/L #	87
48) 2-Hexanone	8.19	43	7814	0.912 ug/L #	87

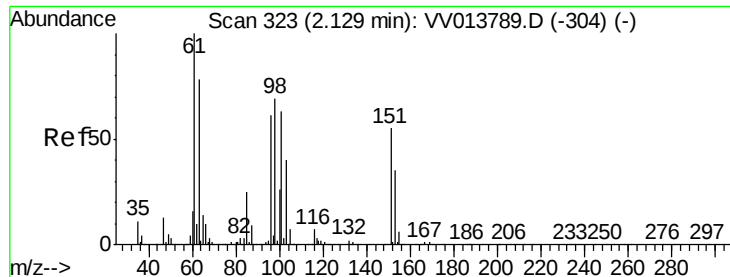
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.087 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV013810.D

Acq: 27 Nov 2019 00:51

Instrument :

MSVOA_V

ClientSampled :

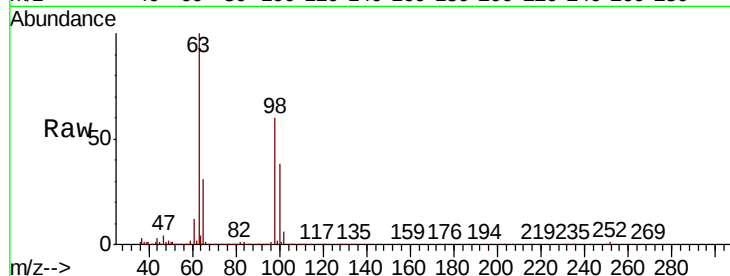
Tot Ion:101 Resp: 1571

Ion Ratio Lower Upper

101 100

85 10.1 33.4 50.0#

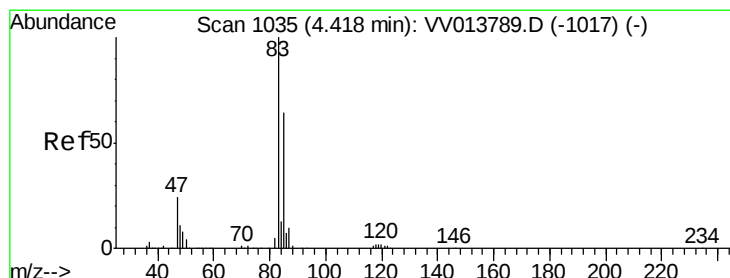
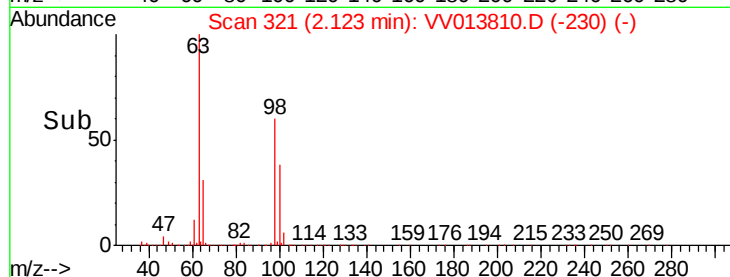
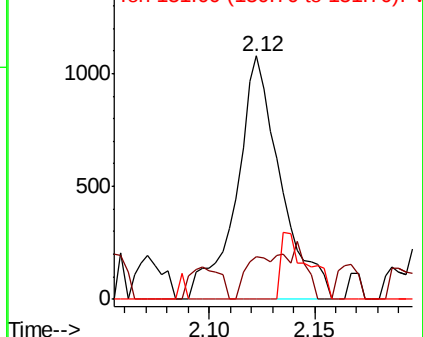
151 16.5 69.4 104.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 0.616 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV013810.D

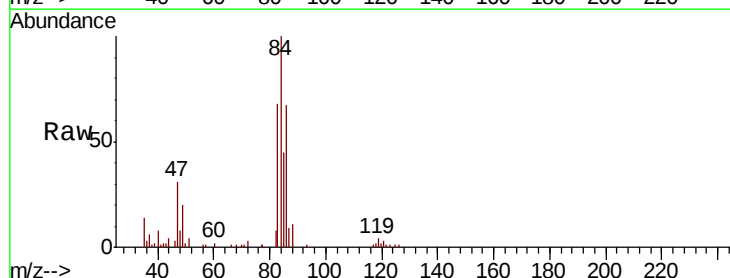
Acq: 27 Nov 2019 00:51

Tgt Ion: 83 Resp: 23280

Ion Ratio Lower Upper

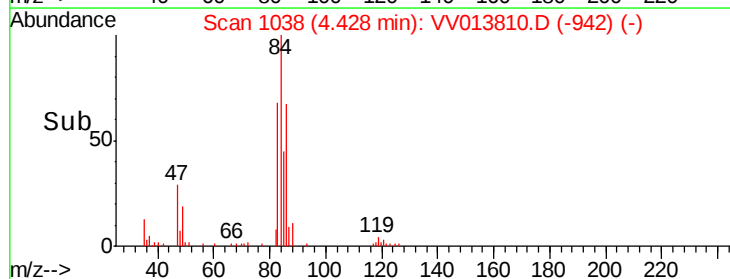
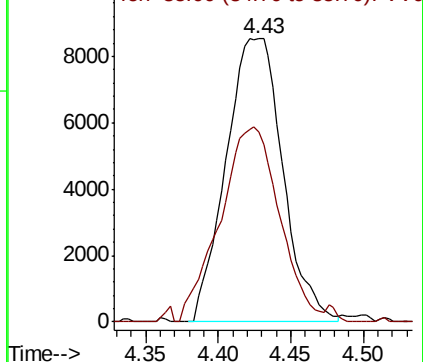
83 100

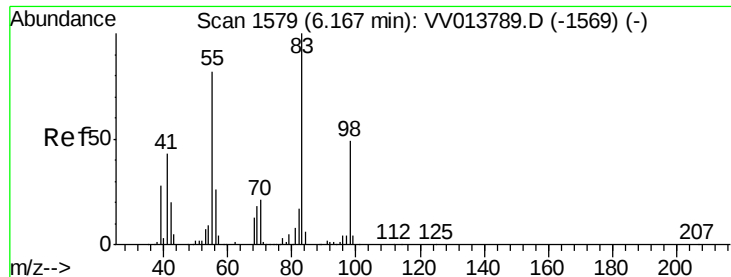
85 67.2 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

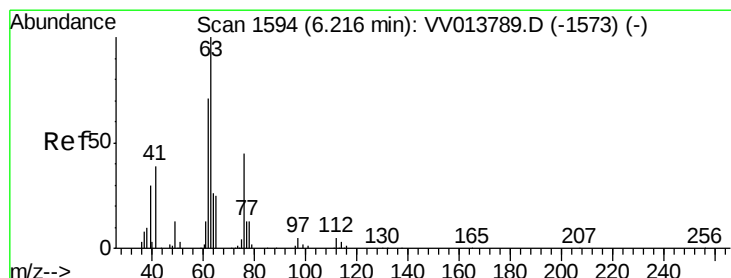
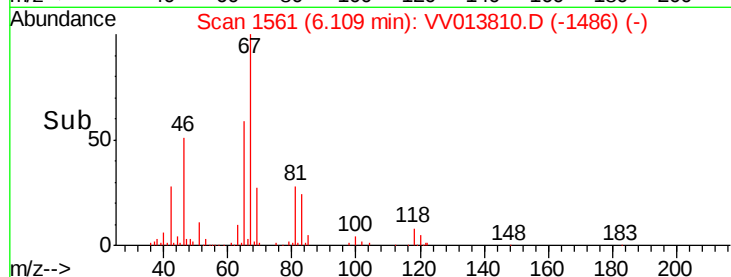
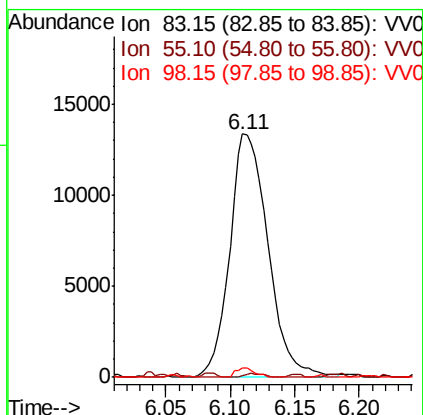
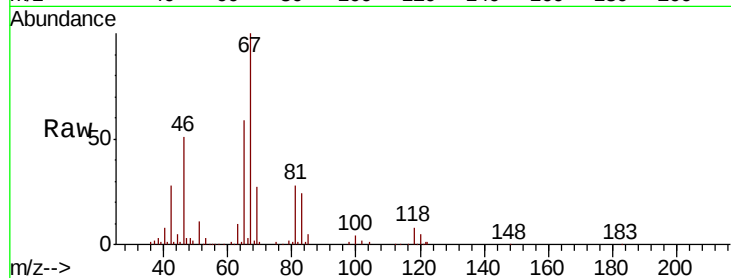




#35
Methvlcvclohexane
Concen: 0.940 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.06 min
Lab File: VV013810.D
Acq: 27 Nov 2019 00:51

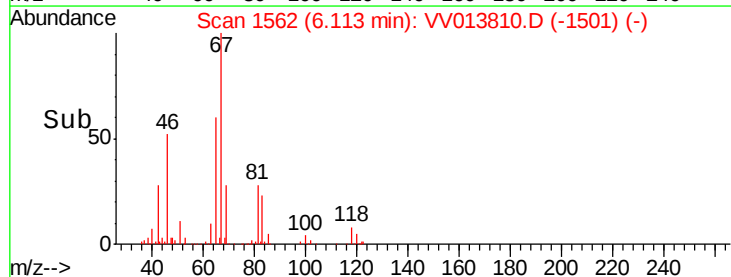
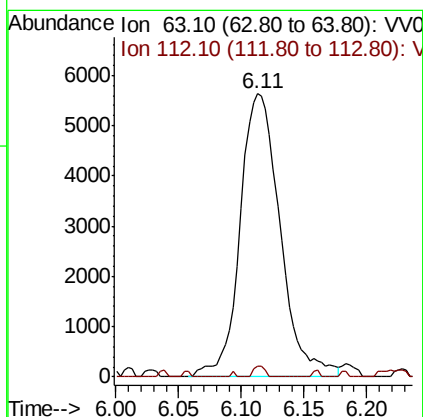
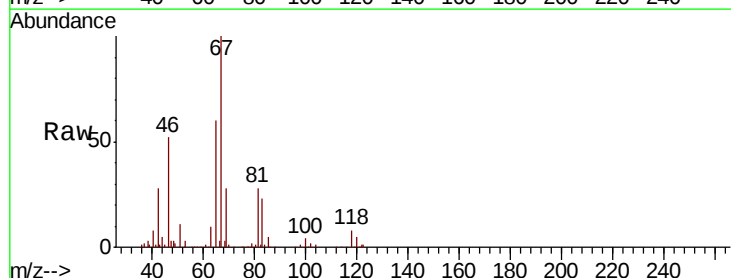
Instrument :
MSVOA_V
ClientSampleId :

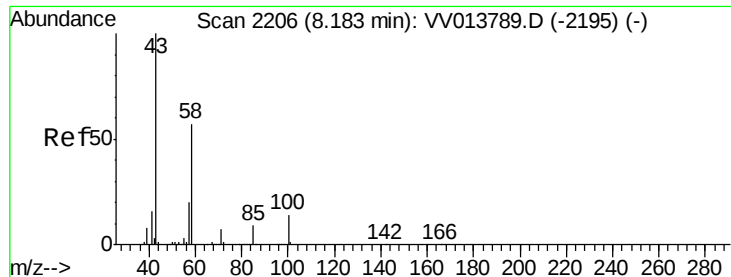
Tot Ion: 83 Resp: 27698
Ion Ratio Lower Upper
83 100
55 0.8 60.3 90.5#
98 1.8 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.609 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013810.D
Acq: 27 Nov 2019 00:51

Tgt Ion: 63 Resp: 12540
Ion Ratio Lower Upper
63 100
112 1.1 4.4 6.6#





#48

2-Hexanone

Concen: 0.912 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.01 min

Lab File: VV013810.D

Acq: 27 Nov 2019 00:51

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 7814

Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.2	64.8
57	0.0	15.4	23.2#
100	5.3	10.4	15.6#

