

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013809.D
 Acq On : 27 Nov 2019 00:27
 Operator : SY/MD
 Sample : K6004-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AE7

Quant Time: Nov 27 05:03:15 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	322382	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	319866	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	140762	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75734	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.58	69	77240	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.13	63	108495	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.93	46	231618	55.84	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.68%
24) Chloroform-d	4.40	84	155558	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	5.08	65	95816	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.10	84	341590	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.12	67	109020	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	261387	3.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.60%#
43) trans-1,3-Dichloropropene-	7.66	79	35514	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.13	63	170181	48.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89290	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	116950	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

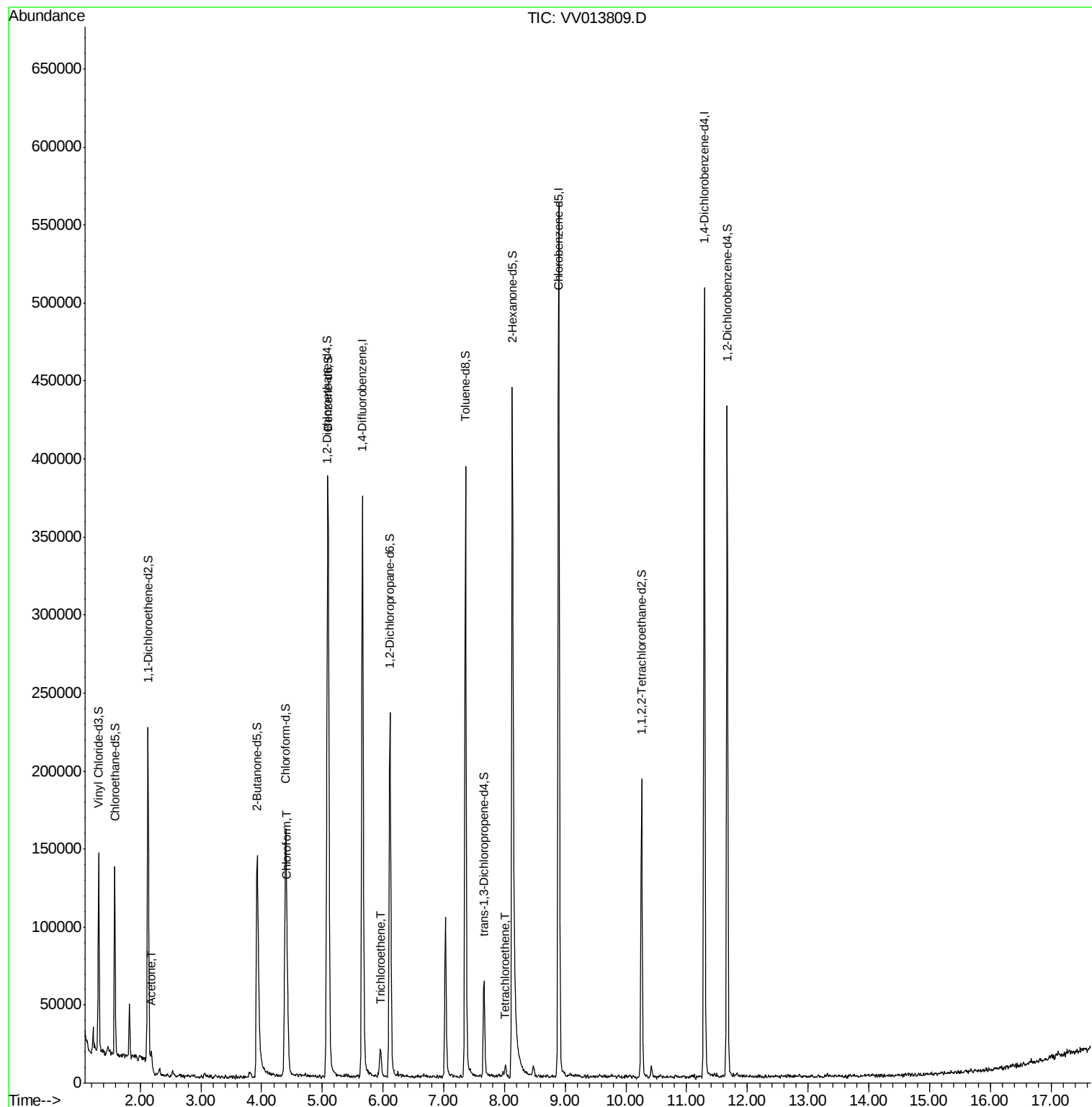
					Ovalue
13) Acetone	2.19	43	7201	2.483 ug/L #	41
25) Chloroform	4.43	83	31259	0.844 ug/L	99
34) Trichloroethene	5.96	95	4630	0.214 ug/L	89
47) Tetrachloroethene	8.02	164	1711	0.091 ug/L #	70

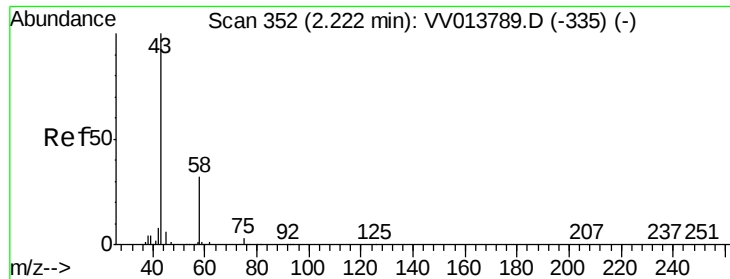
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.483 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV013809.D

Acq: 27 Nov 2019 00:27

Instrument :

MSVOA_V

ClientSampleId :

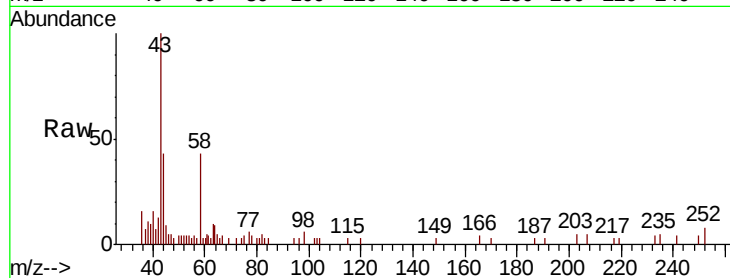
B0AE7

Tot Ion: 43 Resp: 7201

Ion Ratio Lower Upper

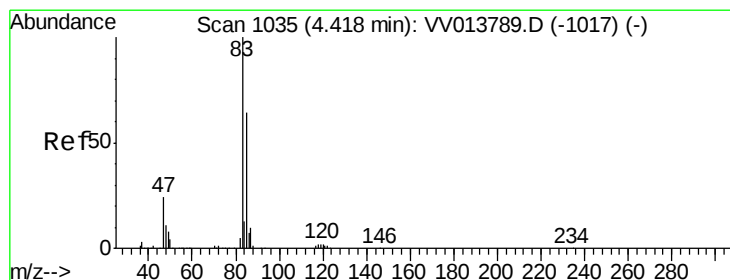
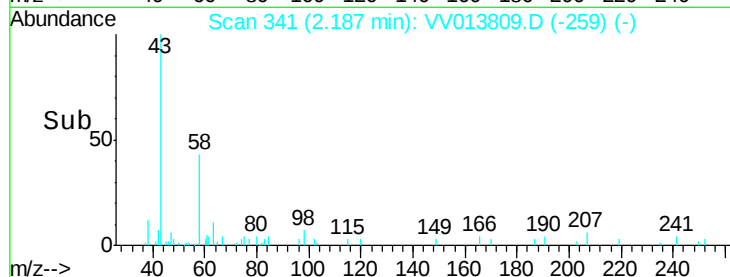
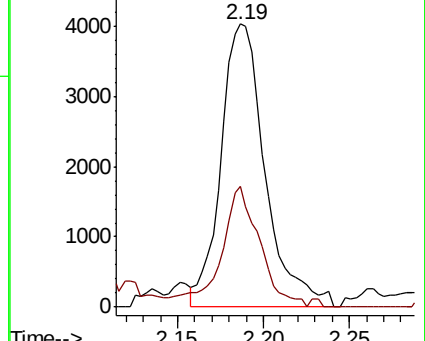
43 100

58 37.6 0.0 27.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#25

Chloroform

Concen: 0.844 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV013809.D

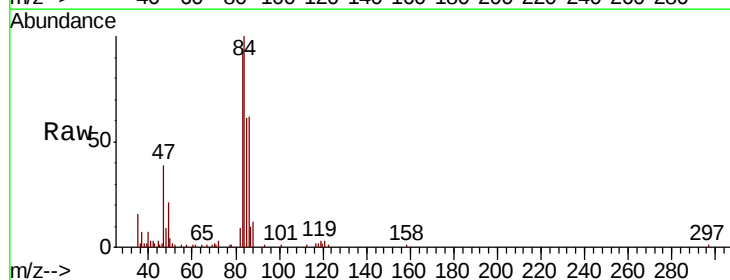
Acq: 27 Nov 2019 00:27

Tgt Ion: 83 Resp: 31259

Ion Ratio Lower Upper

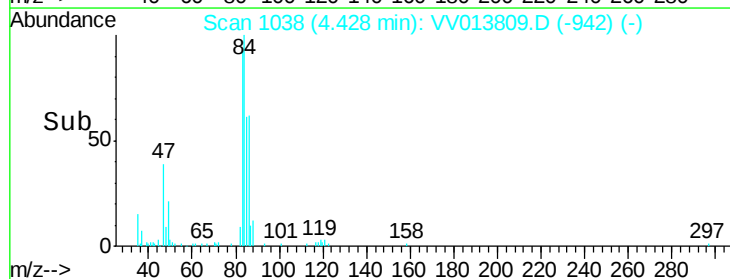
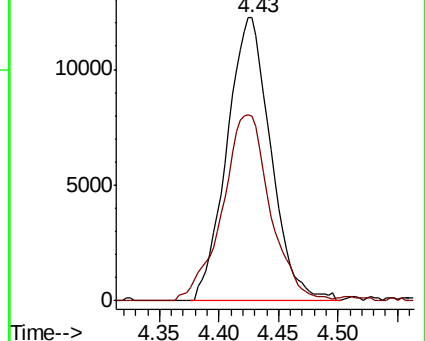
83 100

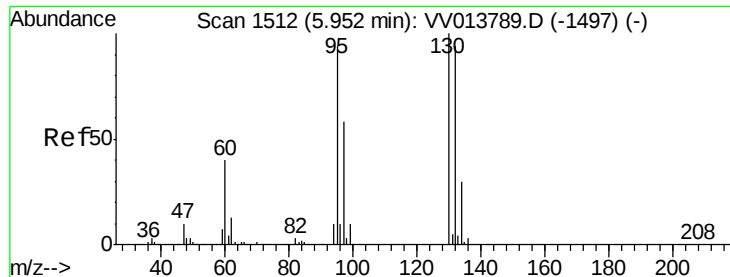
85 65.3 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 0.214 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VV013809.D

Acq: 27 Nov 2019 00:27

Instrument :

MSVOA_V

ClientSampleId :

B0AE7

Tot Ion: 95 Resp: 4630

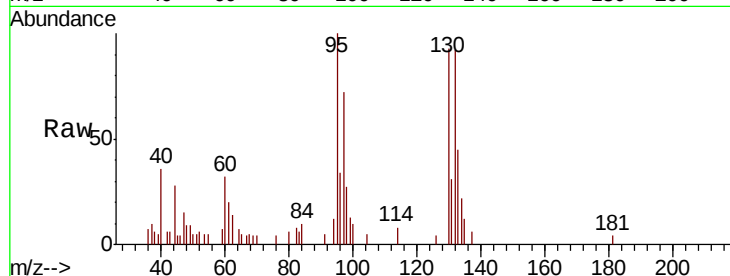
Ion Ratio Lower Upper

95 100

97 71.8 45.6 84.8

132 92.2 70.5 130.9

130 93.4 75.9 140.9

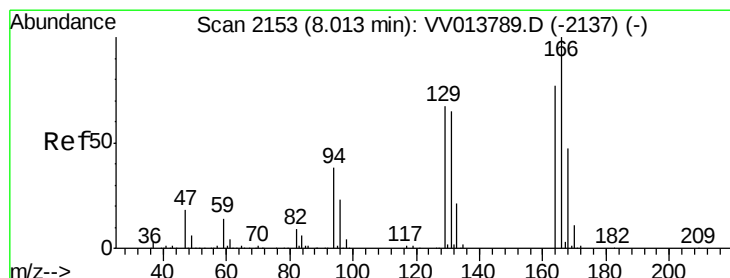
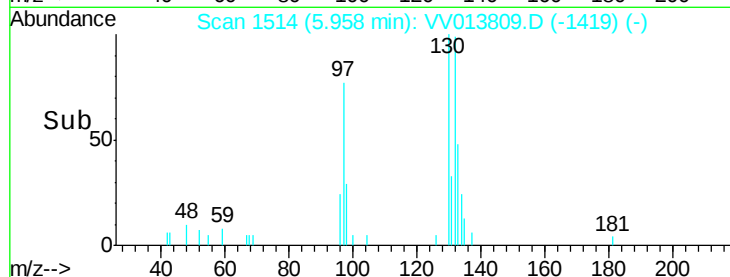
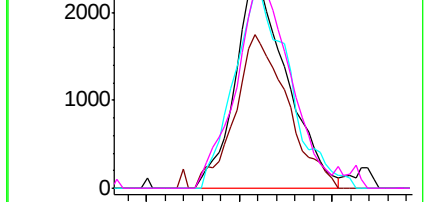


Abundance Ion 95.00 (94.70 to 95.70): VV013809.D (-1497) (-)

Ion 96.95 (96.65 to 97.65): VV013809.D (-1497) (-)

Ion 131.95 (131.65 to 132.65): VV013809.D (-1497) (-)

Ion 129.95 (129.65 to 130.65): VV013809.D (-1497) (-)



#47

Tetrachloroethene

Concen: 0.091 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013809.D

Acq: 27 Nov 2019 00:27

Tgt Ion: 164 Resp: 1711

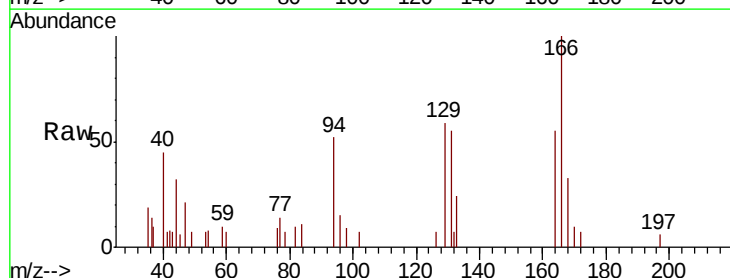
Ion Ratio Lower Upper

164 100

129 106.7 60.3 112.1

131 98.8 59.9 111.3

166 180.5 89.1 165.5#



Abundance Ion 163.90 (163.60 to 164.60): VV013809.D (-2060) (-)

Ion 128.95 (128.65 to 129.65): VV013809.D (-2060) (-)

Ion 130.95 (130.65 to 131.65): VV013809.D (-2060) (-)

Ion 165.90 (165.60 to 166.60): VV013809.D (-2060) (-)

