

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043019\
 Data File : VV010569.D
 Acq On : 30 Apr 2019 00:50
 Operator : SY/MD
 Sample : K2590-10
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XA2

Quant Time: Apr 30 07:52:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 30 06:45:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	213920	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	217150	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97869	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48991	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.57	69	33371	5.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.80%
11) 1,1-Dichloroethene-d2	2.13	63	66196	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.94	46	125281	46.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.36%
24) Chloroform-d	4.40	84	126813	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	67271	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.10	84	261837	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	73570	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.36	98	247480	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.66	79	27179	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.13	63	113721	46.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	58903	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	109501	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

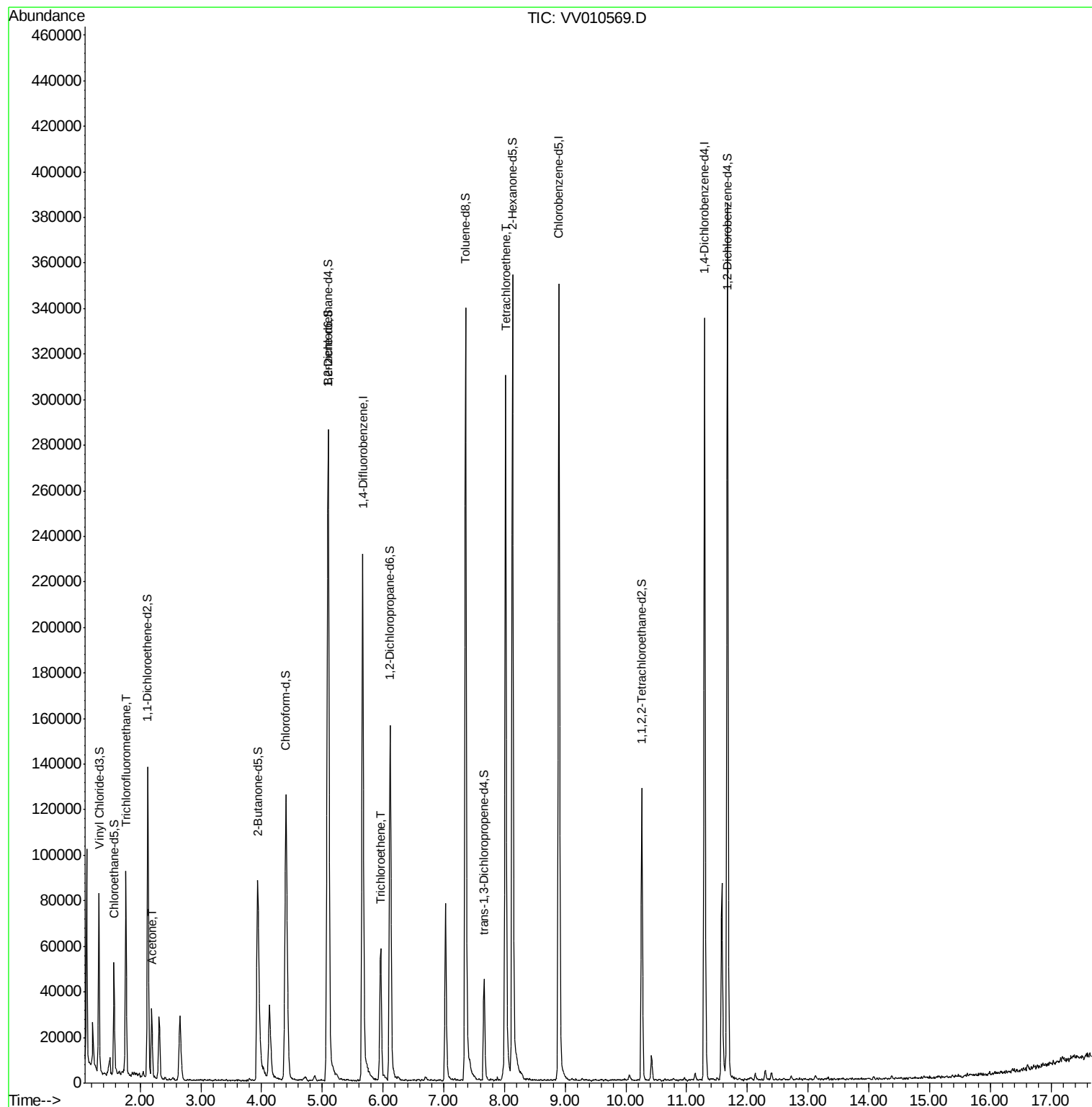
					Ovalue
9) Trichlorofluoromethane	1.77	101	49491	2.120 ug/L	95
13) Acetone	2.19	43	27084	20.259 ug/L	97
34) Trichloroethene	5.96	95	19393	1.186 ug/L	95
47) Tetrachloroethene	8.02	164	76796	5.027 ug/L	99

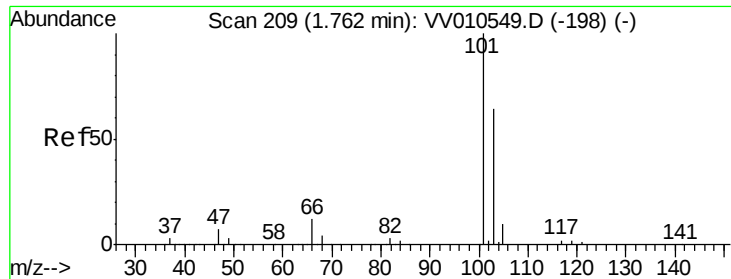
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 2.120 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

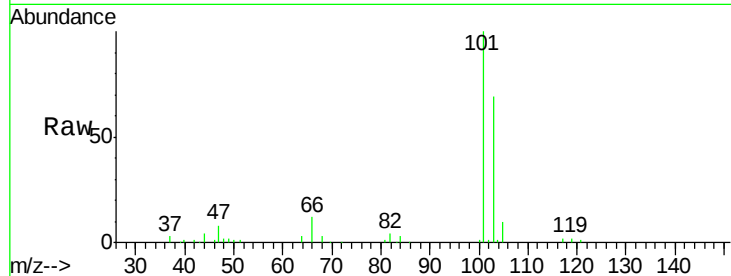
C0XA2

Tot Ion:101 Resp: 49491

Ion Ratio Lower Upper

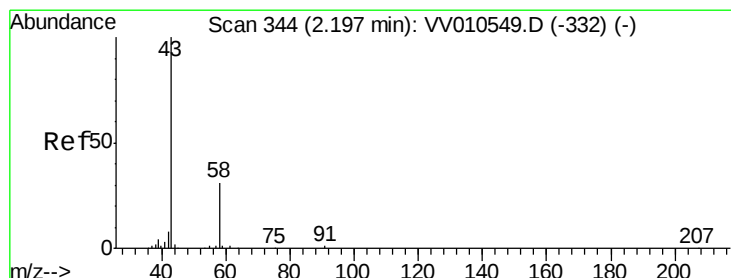
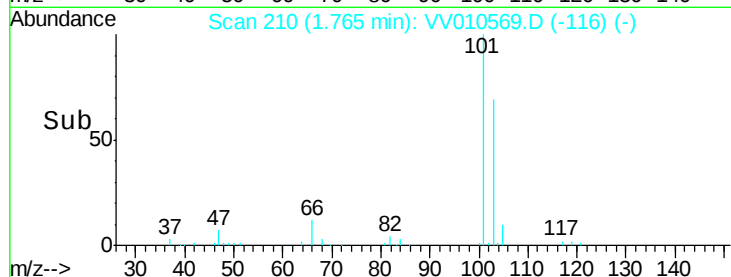
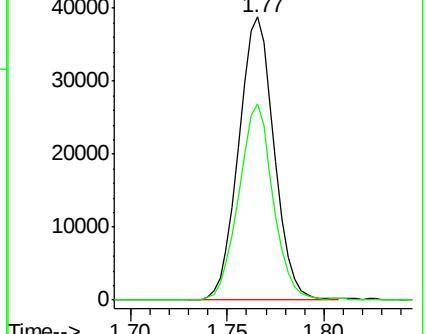
101 100

103 66.9 50.5 75.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 20.259 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010569.D

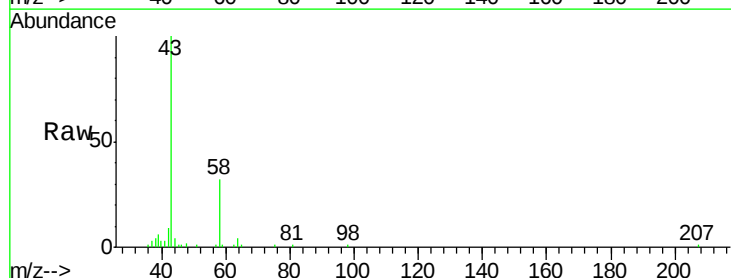
Acq: 30 Apr 2019 00:50

Tgt Ion: 43 Resp: 27084

Ion Ratio Lower Upper

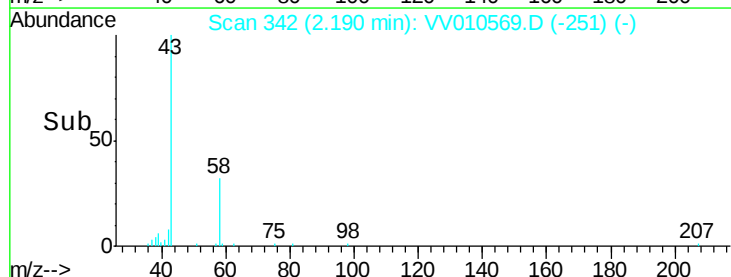
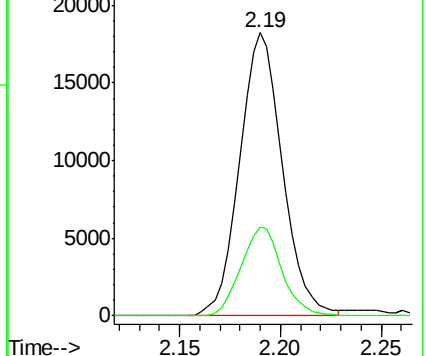
43 100

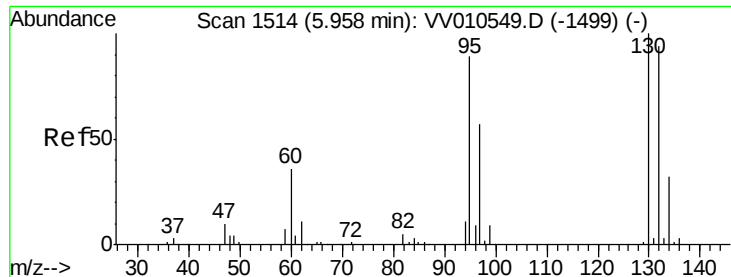
58 30.0 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#34

Trichloroethene

Concen: 1.186 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV010569.D

Acq: 30 Apr 2019 00:50

Instrument :

MSVOA_V

ClientSampleId :

C0XA2

Tot Ion: 95 Resp: 19393

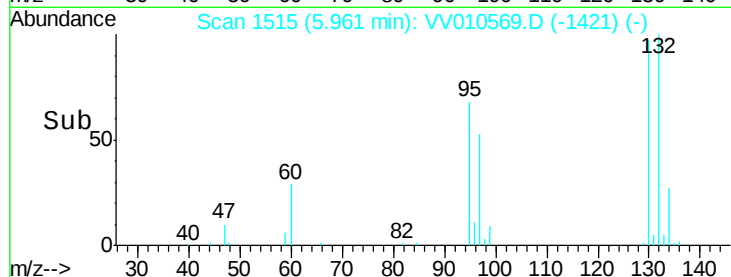
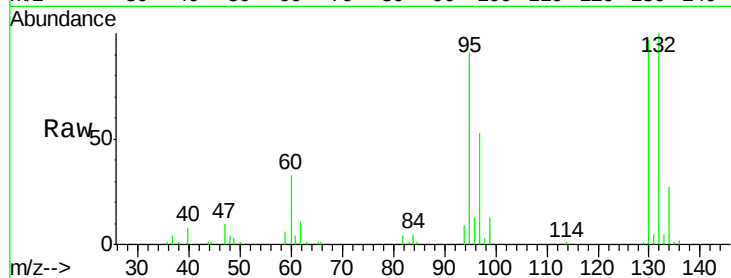
Ion Ratio Lower Upper

95 100

97 58.6 43.3 80.5

132 110.4 74.1 137.5

130 106.9 79.5 147.6

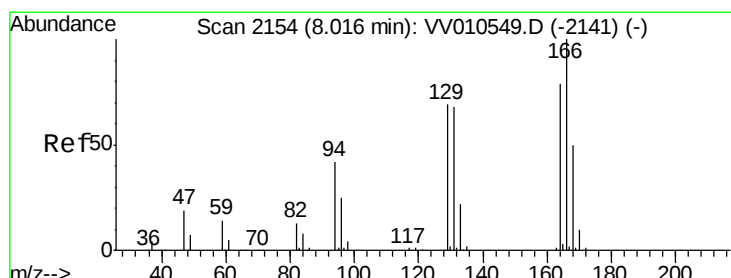
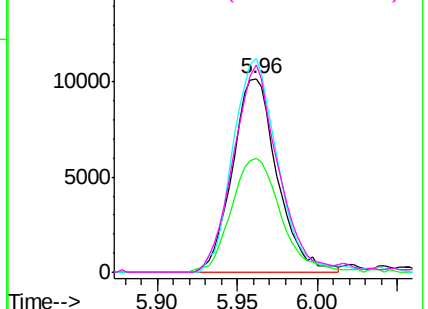


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 5.027 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV010569.D

Acq: 30 Apr 2019 00:50

Tgt Ion: 164 Resp: 76796

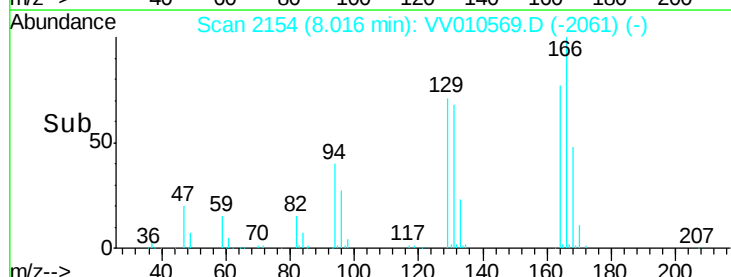
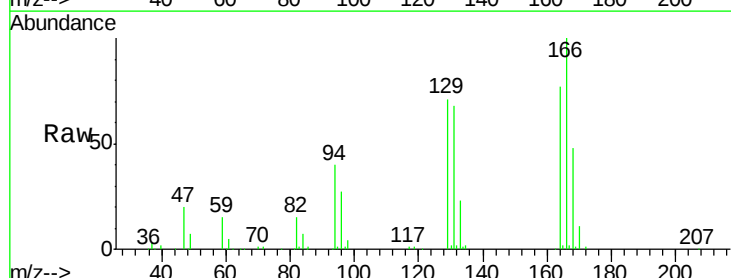
Ion Ratio Lower Upper

164 100

129 91.3 62.2 115.4

131 87.6 61.5 114.1

166 129.0 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

