

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
 Data File : VV010613.D
 Acq On : 01 May 2019 19:01
 Operator : SY/MD
 Sample : K2590-10RE
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XA2RE

Quant Time: May 02 08:42:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 02 08:18:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	77320	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	77455	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31735	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22627	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.57	69	17545	5.99	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.80%
11) 1,1-Dichloroethene-d2	2.13	63	32808	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.93	46	57720	54.09	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.18%
24) Chloroform-d	4.40	84	46823	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	26198	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.10	84	99641	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.12	67	30612	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.36	98	88242	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.66	79	9885	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.13	63	48566	57.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	20925	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	32483	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

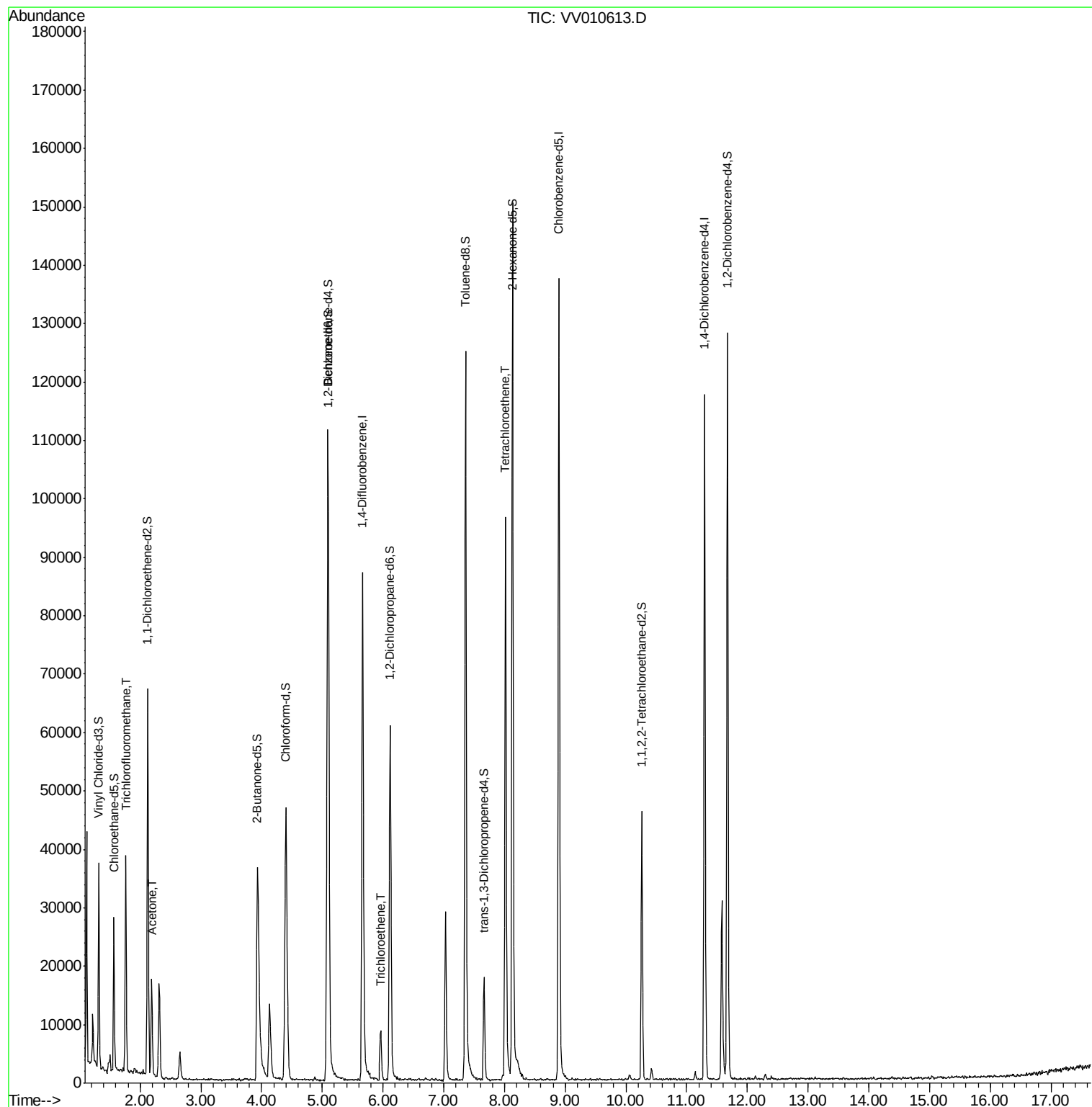
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.76	101	22043	2.282	ug/L	99
13) Acetone	2.19	43	15421	24.336	ug/L	96
34) Trichloroethene	5.96	95	2998	0.499	ug/L	86
47) Tetrachloroethene	8.02	164	21479	4.528	ug/L	94

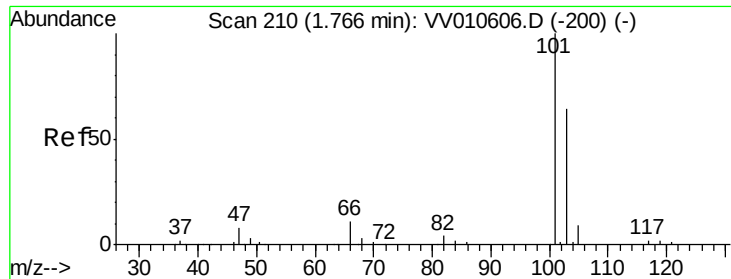
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 02 08:18:34 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 2.282 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV010613.D

Acq: 01 May 2019 19:01

Instrument :

MSVOA_V

ClientSampleId :

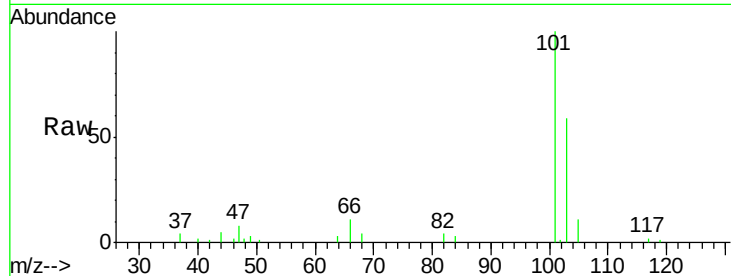
C0XA2RE

Tot Ion:101 Resp: 22043

Ion Ratio Lower Upper

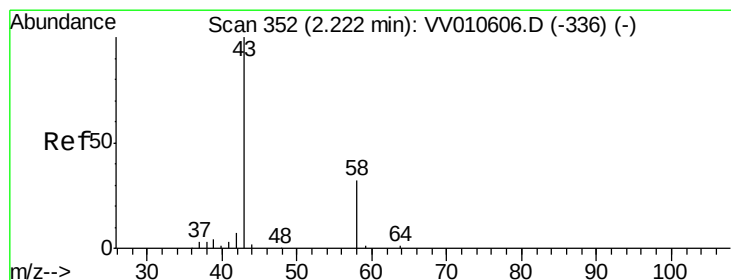
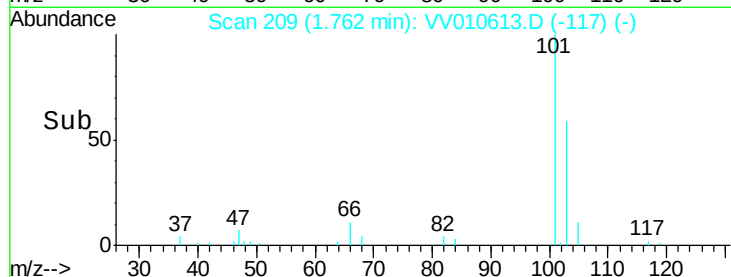
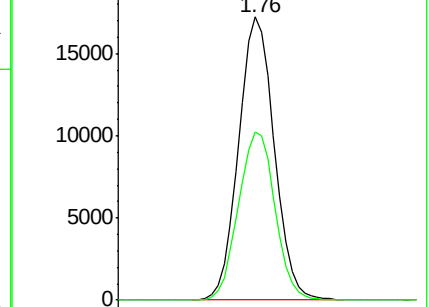
101 100

103 60.8 49.5 74.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 24.336 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV010613.D

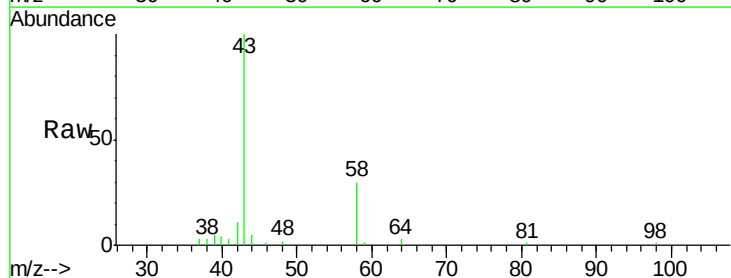
Acq: 01 May 2019 19:01

Tgt Ion: 43 Resp: 15421

Ion Ratio Lower Upper

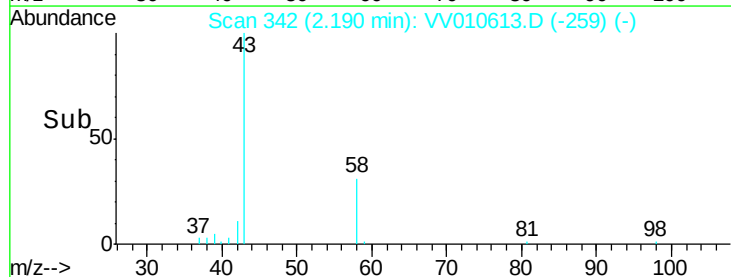
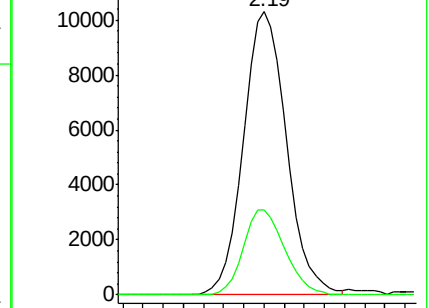
43 100

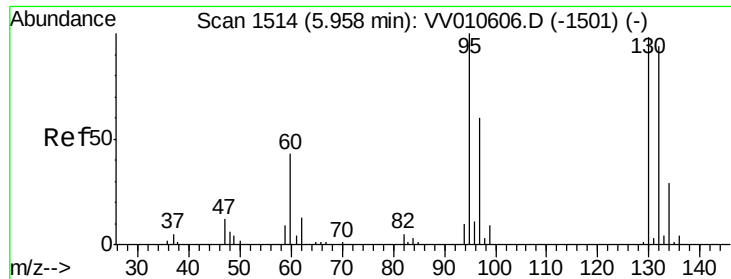
58 29.0 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#34

Trichloroethene

Concen: 0.499 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010613.D

Acq: 01 May 2019 19:01

Instrument :

MSVOA_V

ClientSampled :

C0XA2RE

Tot Ion: 95 Resp: 2998

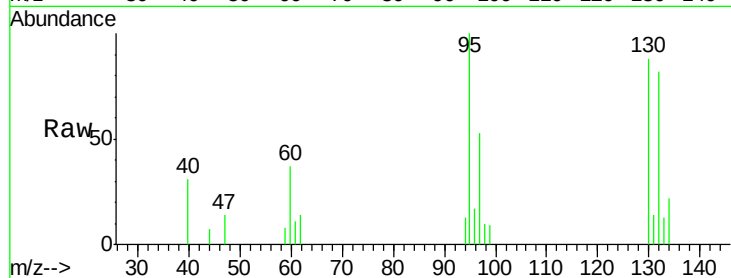
Ion Ratio Lower Upper

95 100

97 53.1 42.4 78.6

132 82.0 69.3 128.7

130 87.9 70.3 130.7

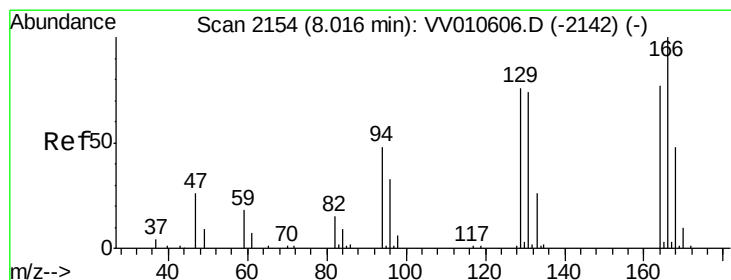
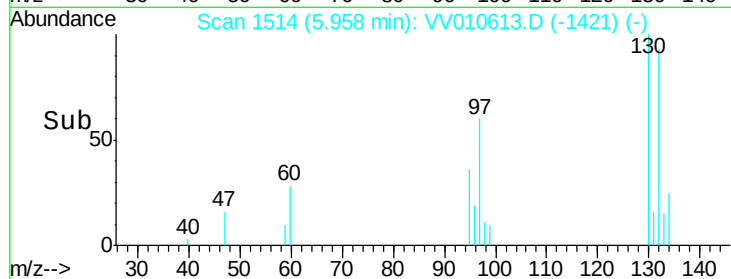
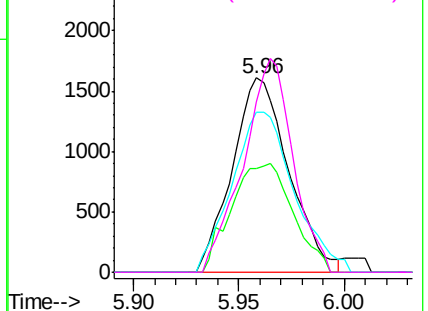


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 4.528 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010613.D

Acq: 01 May 2019 19:01

Tgt Ion: 164 Resp: 21479

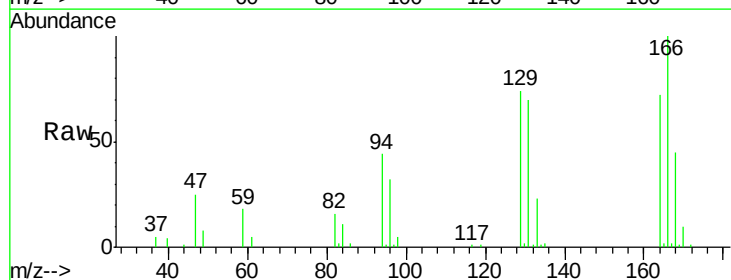
Ion Ratio Lower Upper

164 100

129 103.1 69.9 129.7

131 97.1 65.6 121.8

166 139.5 88.9 165.1



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

