

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042419\
 Data File : VV010480.D
 Acq On : 24 Apr 2019 23:34
 Operator : SY/MD
 Sample : K2477-14
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XA5

Quant Time: Apr 25 09:23:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 04:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	230837	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	234833	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108616	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56554	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	46477	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.13	63	89904	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.95	46	137218	48.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.18%
24) Chloroform-d	4.40	84	116361	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.08	65	67401	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	258079	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.12	67	75806	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	233575	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.67	79	25277	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.14	63	107602	43.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56322	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	94951	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

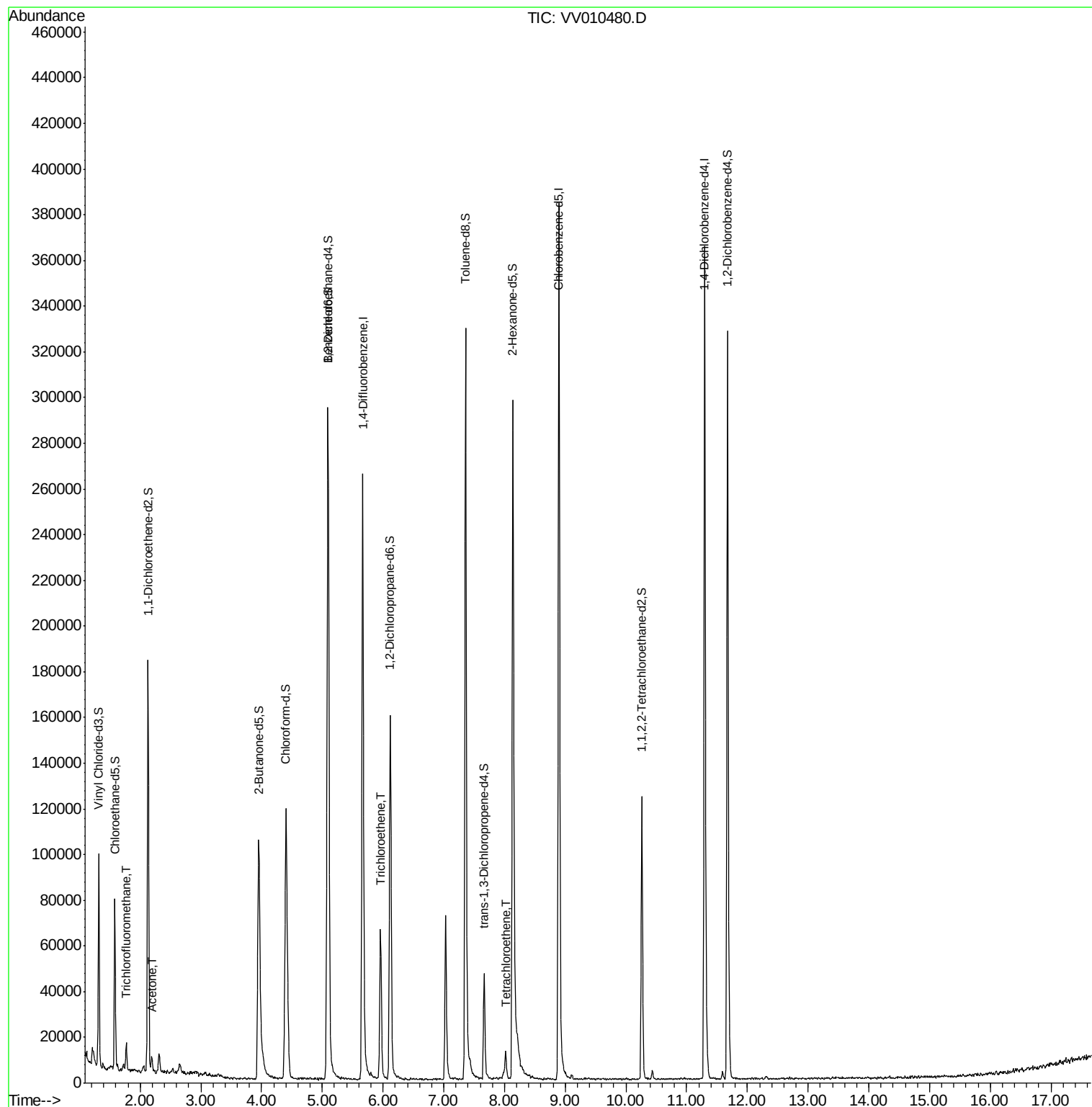
					Ovalue
9) Trichlorofluoromethane	1.77	101	5055	0.173 ug/L	87
13) Acetone	2.19	43	4494	2.618 ug/L	99
34) Trichloroethene	5.96	95	21649	1.250 ug/L	92
47) Tetrachloroethene	8.02	164	3319	0.215 ug/L #	83

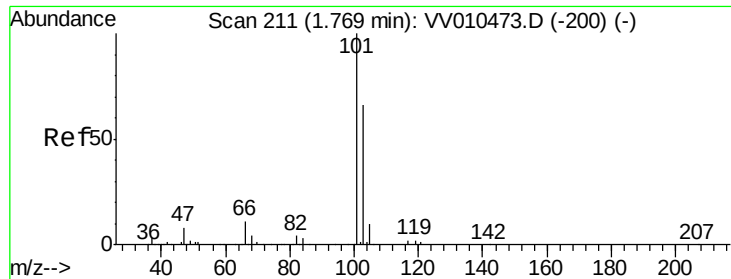
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.173 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

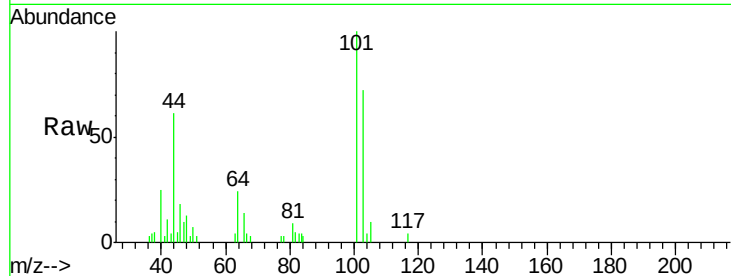
C0XA5

Tot Ion:101 Resp: 5055

Ion Ratio Lower Upper

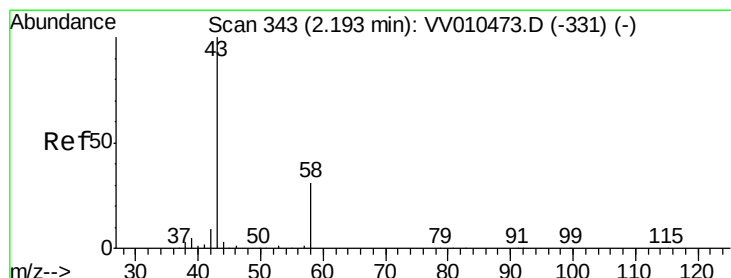
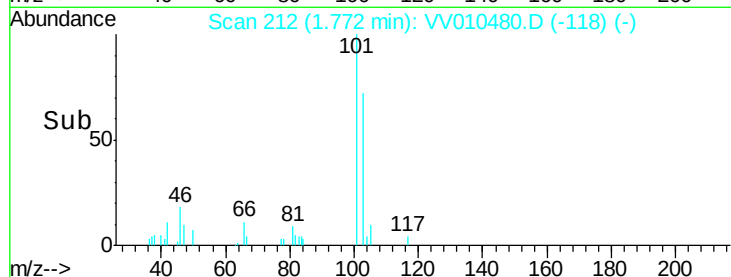
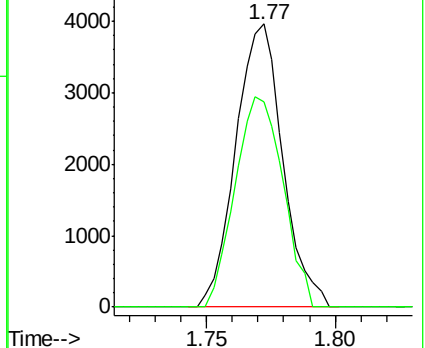
101 100

103 75.7 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 2.618 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV010480.D

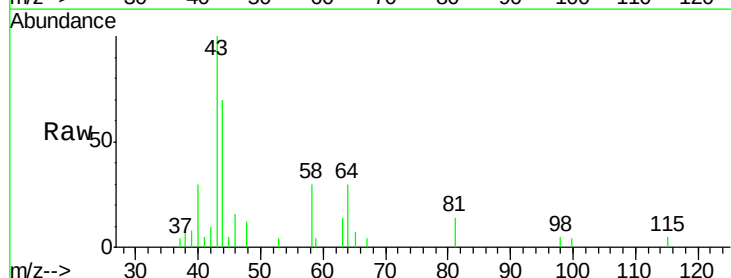
Acq: 24 Apr 2019 23:34

Tgt Ion: 43 Resp: 4494

Ion Ratio Lower Upper

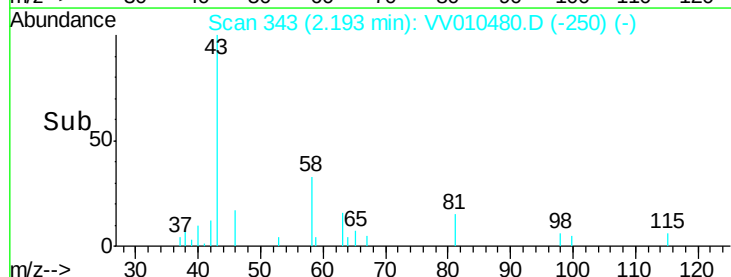
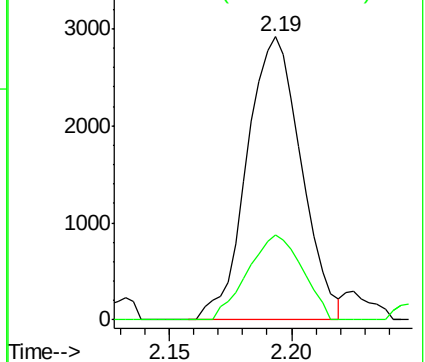
43 100

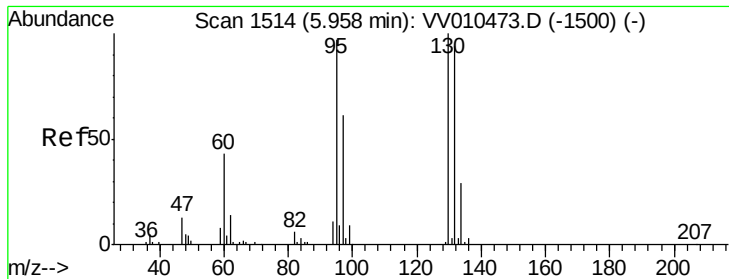
58 30.3 0.0 59.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#34

Trichloroethene

Concen: 1.250 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV010480.D

Acq: 24 Apr 2019 23:34

Instrument :

MSVOA_V

ClientSampleId :

C0XA5

Tot Ion: 95 Resp: 21649

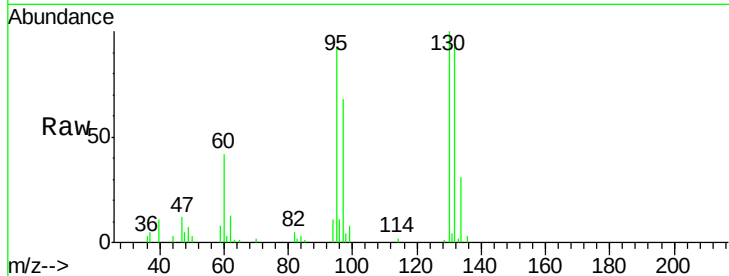
Ion Ratio Lower Upper

95 100

97 73.4 45.6 84.6

132 101.3 67.8 126.0

130 108.0 69.0 128.2

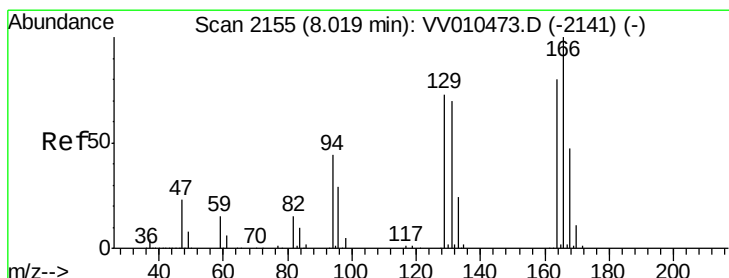
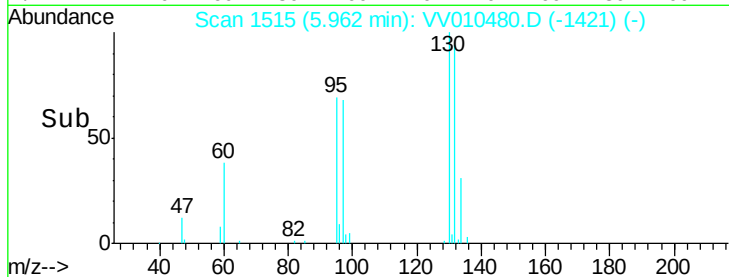
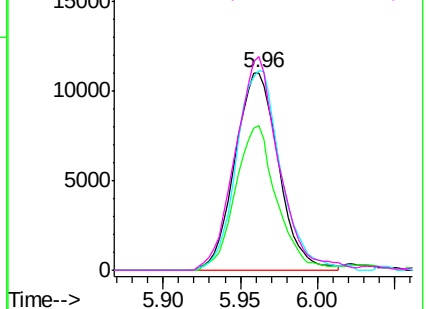


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.215 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010480.D

Acq: 24 Apr 2019 23:34

Tgt Ion: 164 Resp: 3319

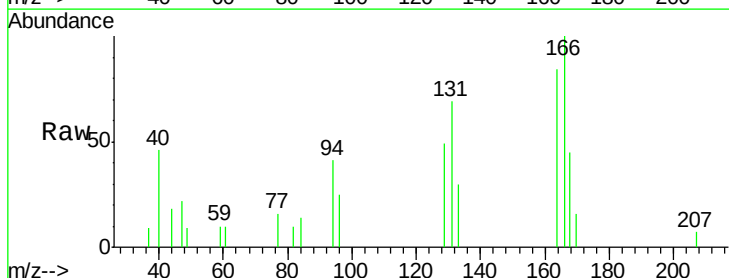
Ion Ratio Lower Upper

164 100

129 58.4 69.7 129.4#

131 82.6 63.8 118.6

166 119.7 87.4 162.2



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

