

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010779.D
 Acq On : 09 May 2019 20:49
 Operator : SY/MD
 Sample : K2690-14RE
 Misc : 5.04G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5160RE

Quant Time: May 10 07:12:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 10 05:43:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	79879	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	73118	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	21795	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24577	19.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.20%
7) Chloroethane-d5	1.57	69	26372	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.32%
10) 1,1-Dichloroethene-d2	2.13	63	41619	15.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.84%
20) 2-Butanone-d5	3.93	46	23516	63.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.30%
24) Chloroform-d	4.40	84	57276	26.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.08	65	38888	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.36%
29) Benzene-d6	5.10	84	103124	26.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.20%
33) 1,2-Dichloropropane-d6	6.12	67	35527	28.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.88%
37) Toluene-d8	7.36	98	82175	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.20%
38) trans-1,3-Dichloropropene-	7.66	79	14032	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.40%
39) 2-Hexanone-d5	8.13	63	17229	67.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	33495	29.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	21260	25.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.76%

Target Compounds

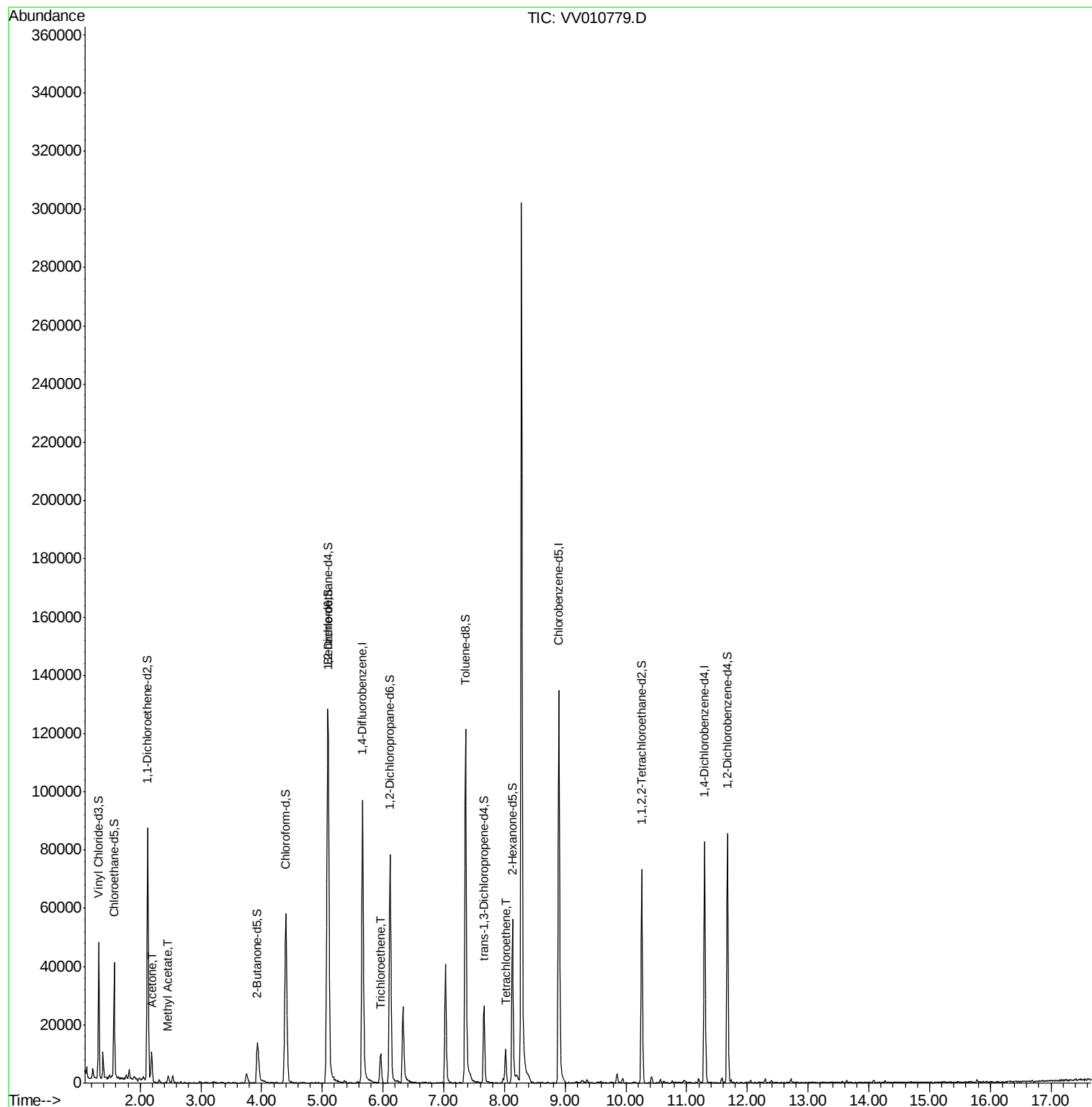
					Ovalue
13) Acetone	2.19	43	8558	14.845 ug/L	95
15) Methyl Acetate	2.46	43	2749	3.992 ug/L	97
35) Trichloroethene	5.96	95	3188	2.652 ug/L	95
47) Tetrachloroethene	8.02	164	2301	2.643 ug/L	90

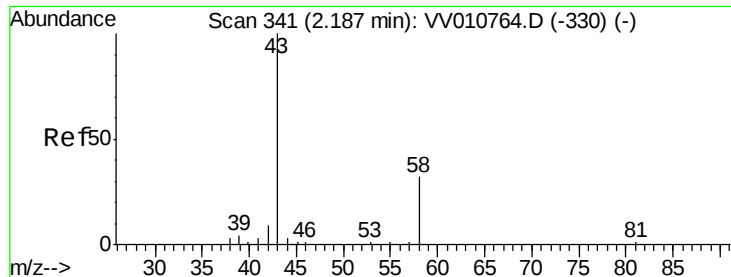
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.845 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010779.D

Acq: 09 May 2019 20:49

Instrument :

MSVOA_V

ClientSampleId :

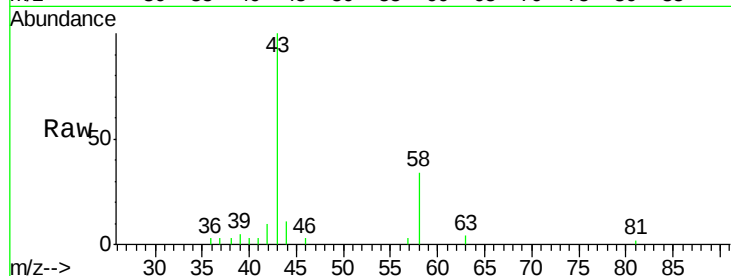
A5160RE

Tot Ion: 43 Resp: 8558

Ion Ratio Lower Upper

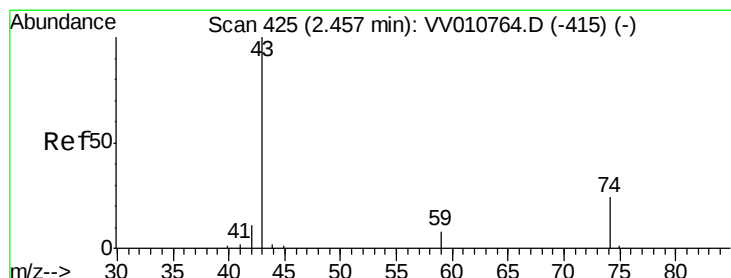
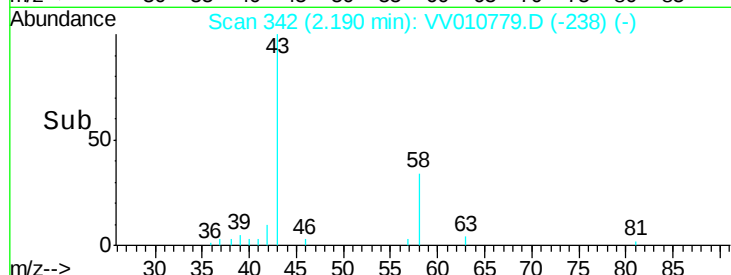
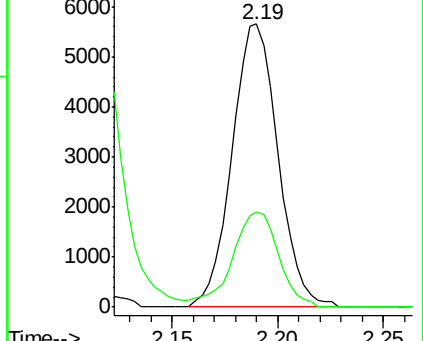
43 100

58 34.3 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 3.992 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV010779.D

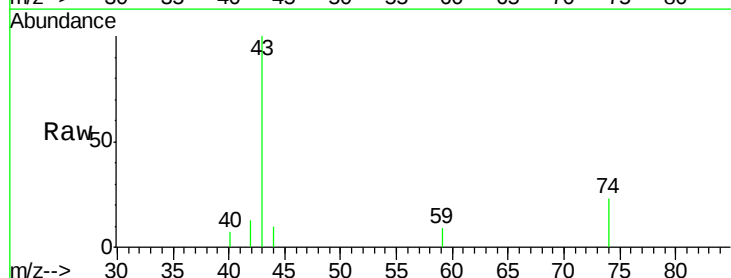
Acq: 09 May 2019 20:49

Tgt Ion: 43 Resp: 2749

Ion Ratio Lower Upper

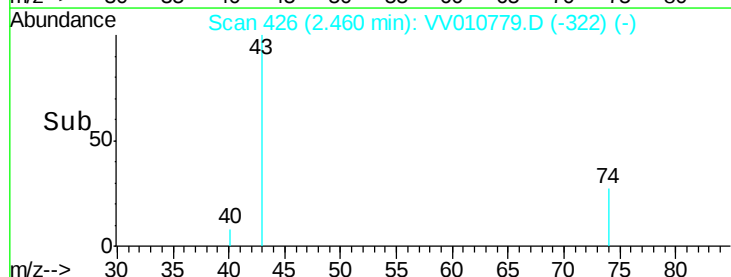
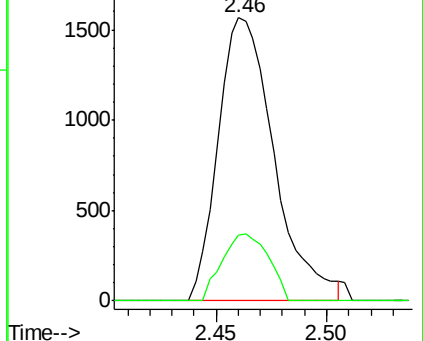
43 100

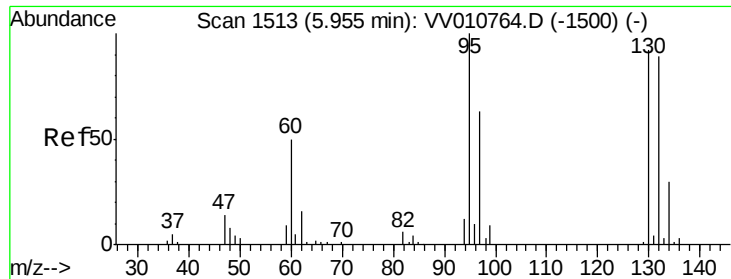
74 19.6 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0





#35

Trichloroethene

Concen: 2.652 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010779.D

Acq: 09 May 2019 20:49

Instrument :

MSVOA_V

ClientSampleId :

A5160RE

Tot Ion: 95 Resp: 3188

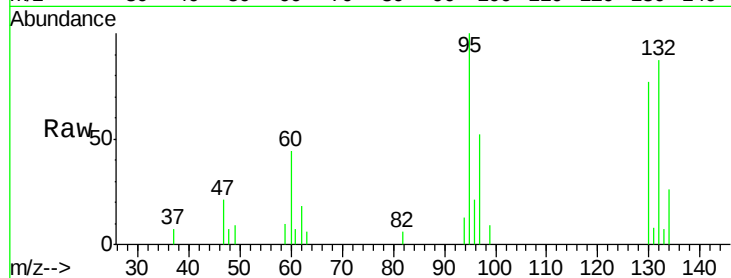
Ion Ratio Lower Upper

95 100

97 63.8 44.3 82.3

132 93.2 62.4 115.8

130 90.4 68.5 127.3

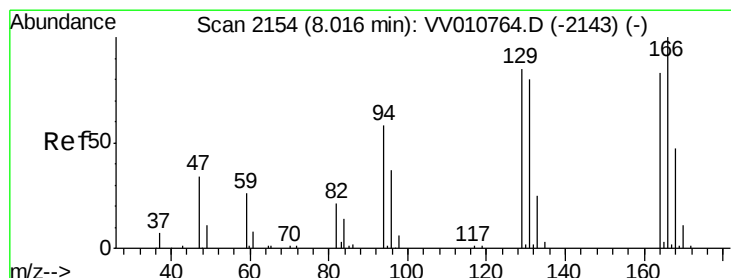
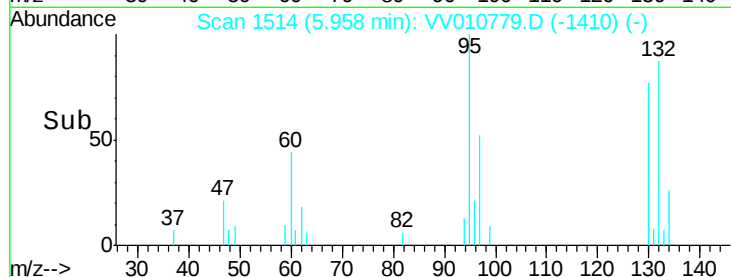
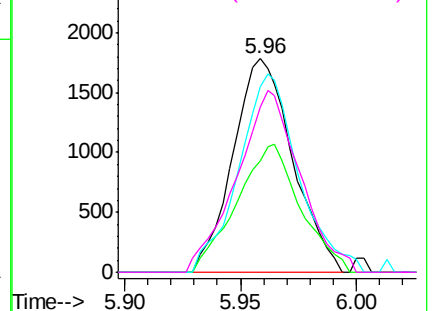


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#47

Tetrachloroethene

Concen: 2.643 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010779.D

Acq: 09 May 2019 20:49

Tgt Ion: 164 Resp: 2301

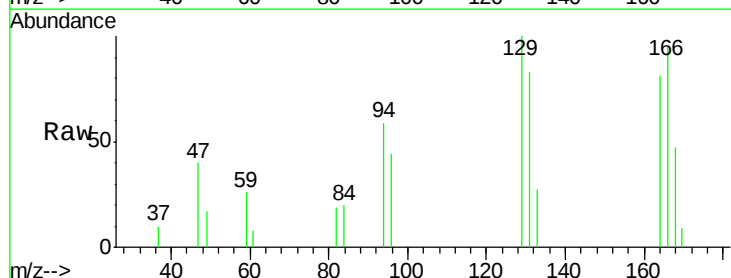
Ion Ratio Lower Upper

164 100

129 123.5 69.3 128.7

131 102.7 67.3 125.1

166 117.1 81.1 150.7



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

