

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
 Data File : VV010529.D
 Acq On : 27 Apr 2019 05:12
 Operator : SY/MD
 Sample : K2586-07
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X31

Quant Time: Apr 29 09:21:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 27 05:12:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	222945	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	210852	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92642	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55598	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.57	69	38296	6.60	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.00%#
11) 1,1-Dichloroethene-d2	2.13	63	79466	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.93	46	140684	50.30	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.60%
24) Chloroform-d	4.40	84	137664	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	69915	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	284748	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.12	67	80271	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.36	98	247779	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.67	79	26118	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.13	63	118062	49.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57460	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	111396	6.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.80%#

Target Compounds

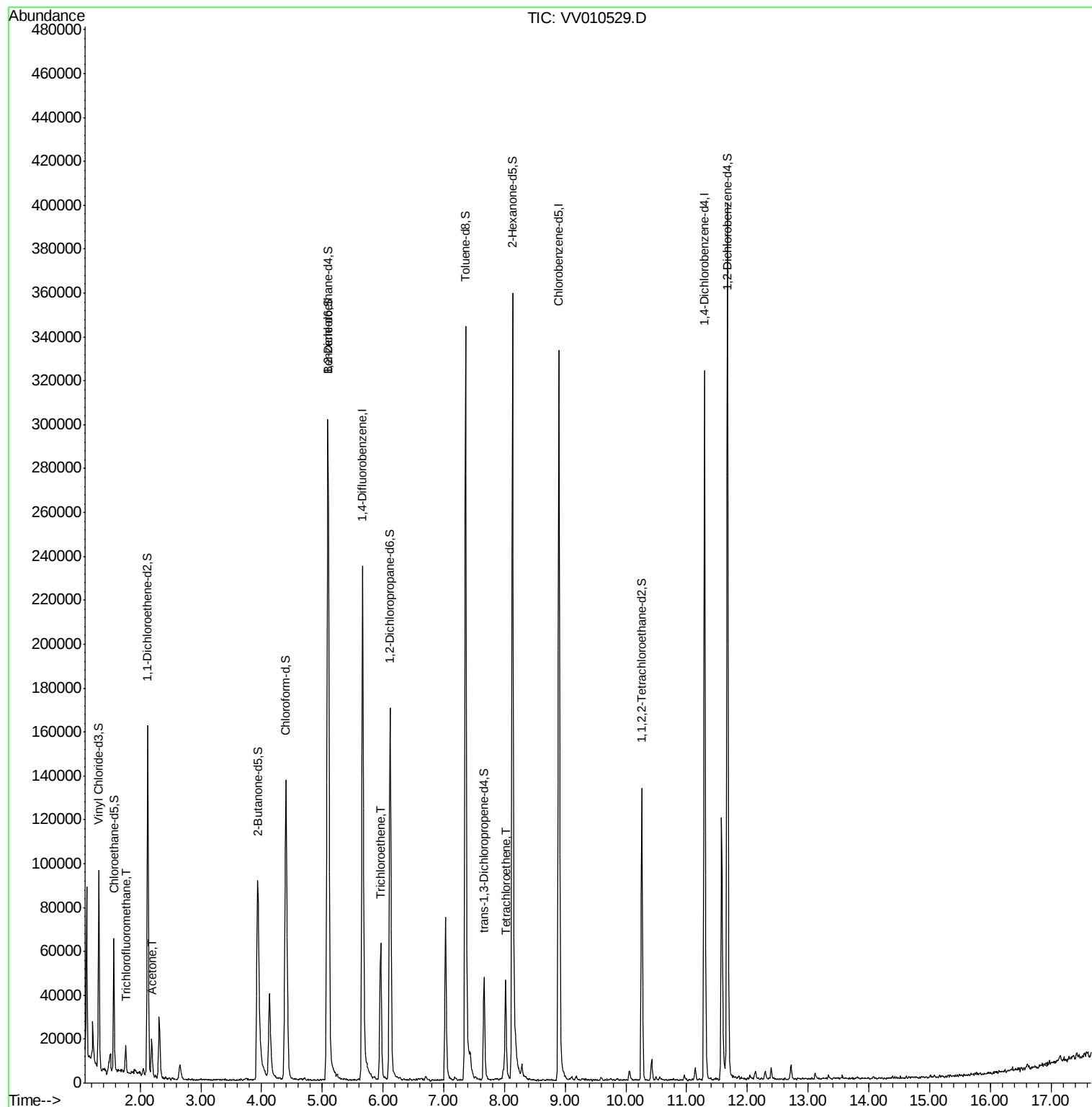
					Ovalue
9) Trichlorofluoromethane	1.76	101	5667	0.233 ug/L	97
13) Acetone	2.19	43	15012	10.775 ug/L	96
34) Trichloroethene	5.96	95	21220	1.336 ug/L	95
47) Tetrachloroethene	8.02	164	11298	0.762 ug/L	98

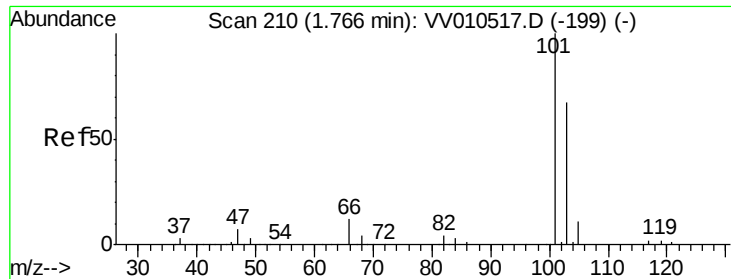
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.233 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

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ClientSampleId :

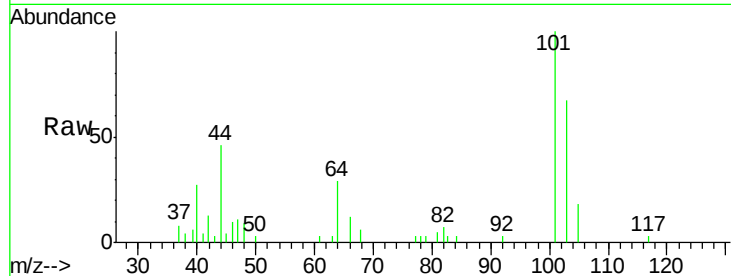
C0X31

Tot Ion:101 Resp: 5667

Ion Ratio Lower Upper

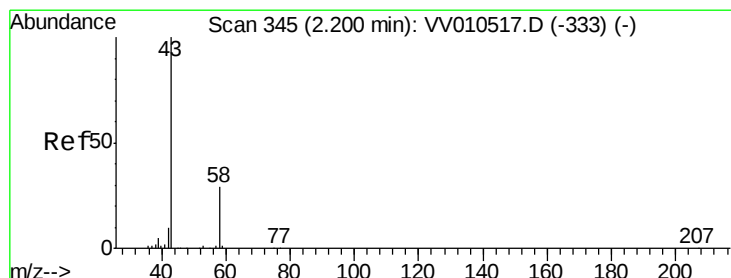
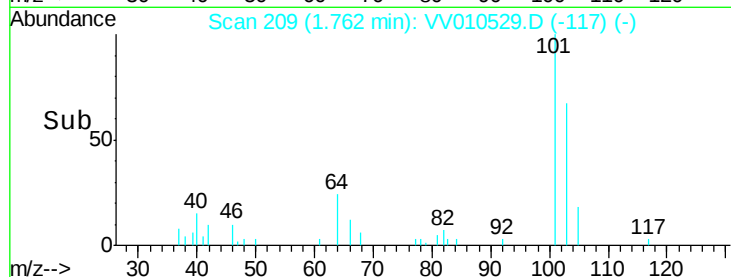
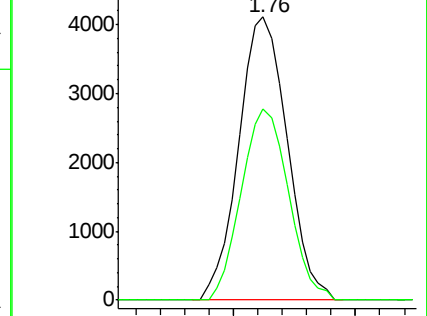
101 100

103 65.7 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: 10.775 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

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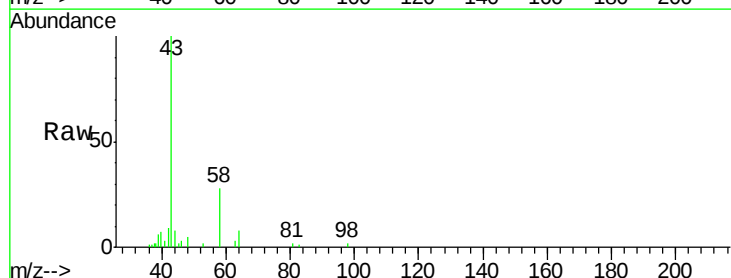
Acq: 27 Apr 2019 05:12

Tgt Ion: 43 Resp: 15012

Ion Ratio Lower Upper

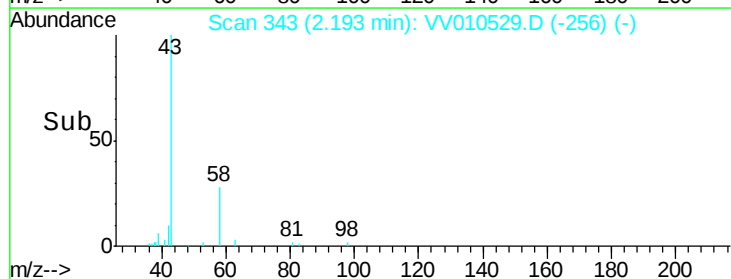
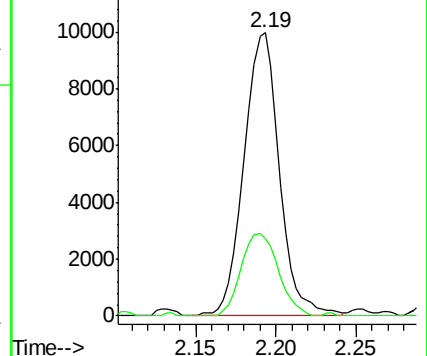
43 100

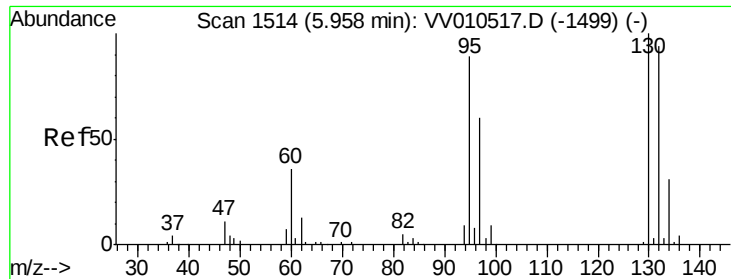
58 30.6 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

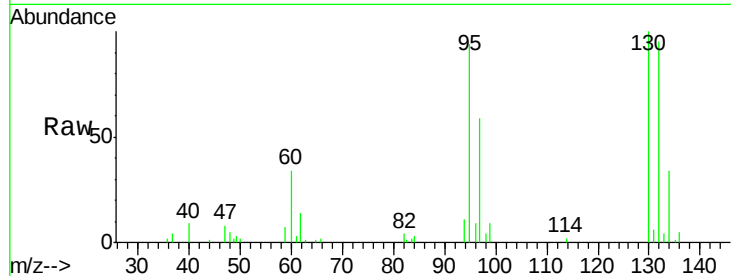




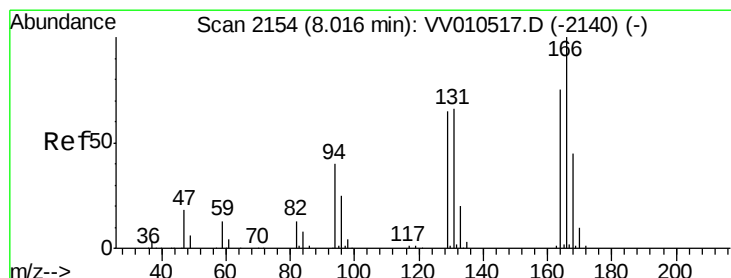
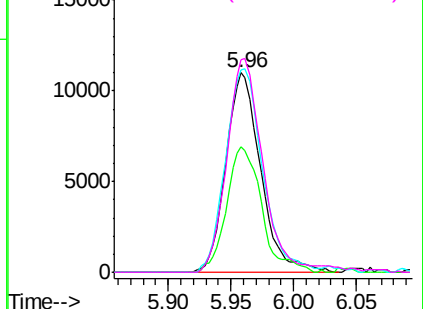
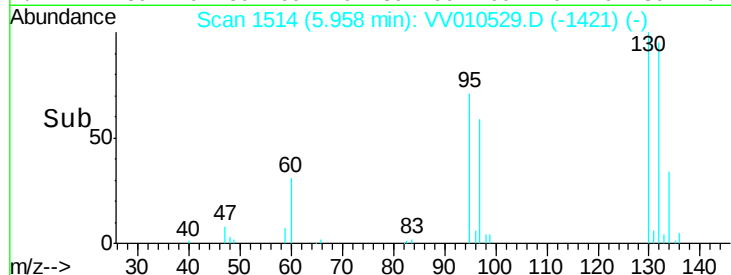
#34
 Trichloroethene
 Concen: 1.336 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
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Tot Ion: 95 Resp: 21220
 Ion Ratio Lower Upper
 95 100
 97 63.3 43.3 80.5
 132 101.5 74.1 137.5
 130 106.6 79.5 147.6

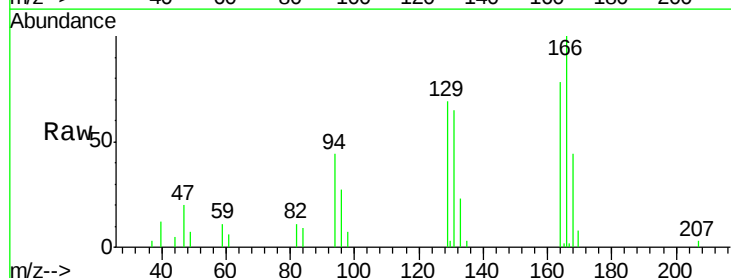


Abundance Ion 95.00 (94.70 to 95.70): VV010529.D (-1421) (-)
 Ion 96.95 (96.65 to 97.65): VV010529.D (-1421) (-)
 Ion 131.95 (131.65 to 132.65): VV010529.D (-1421) (-)
 Ion 129.95 (129.65 to 130.65): VV010529.D (-1421) (-)



#47
 Tetrachloroethene
 Concen: 0.762 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV010529.D
 Acq: 27 Apr 2019 05:12

Tgt Ion: 164 Resp: 11298
 Ion Ratio Lower Upper
 164 100
 129 88.5 62.2 115.4
 131 82.4 61.5 114.1
 166 127.8 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): VV010529.D (-2062) (-)
 Ion 128.95 (128.65 to 129.65): VV010529.D (-2062) (-)
 Ion 130.95 (130.65 to 131.65): VV010529.D (-2062) (-)
 Ion 165.90 (165.60 to 166.60): VV010529.D (-2062) (-)

