

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090419\
 Data File : VV012577.D
 Acq On : 04 Sep 2019 19:44
 Operator : SY/MD
 Sample : K4685-12
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD81

Quant Time: Sep 05 03:44:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 05 01:26:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	77247	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	79485	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	24405	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31217	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.58	69	38682	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.13	63	58024	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	3.94	46	111265	77.83	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	155.66%#
24) Chloroform-d	4.40	84	54470	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.08	65	40093	6.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	134.00%#
32) Benzene-d6	5.10	84	104010	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	36964	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	77898	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	7.66	79	12928	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.13	63	67079	69.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.36%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33933	6.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	136.40%#
64) 1,2-Dichlorobenzene-d4	11.67	152	25358	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

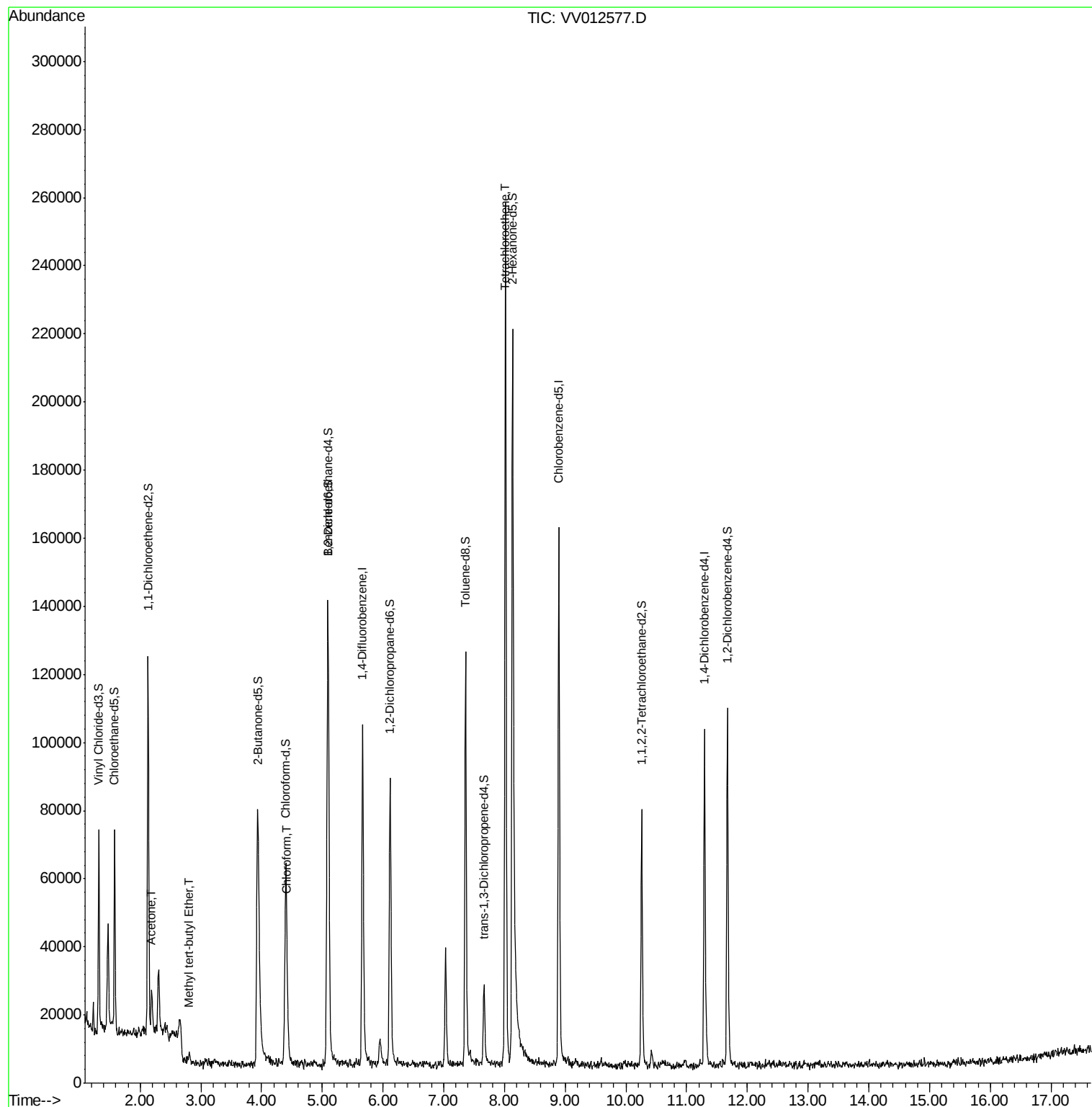
					Ovalue
13) Acetone	2.19	43	9829	4.845 ug/L	91
17) Methyl tert-butyl Ether	2.81	73	2539	0.150 ug/L #	86
25) Chloroform	4.43	83	7085	0.440 ug/L	99
47) Tetrachloroethene	8.02	164	50212	7.685 ug/L	96

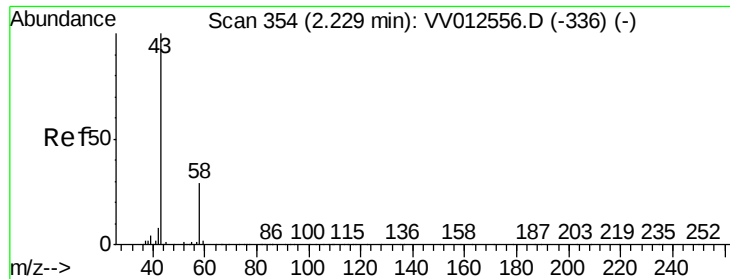
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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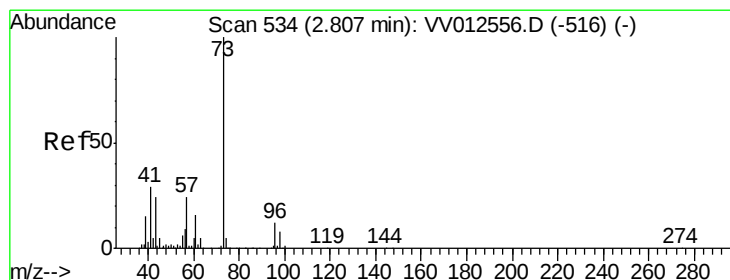
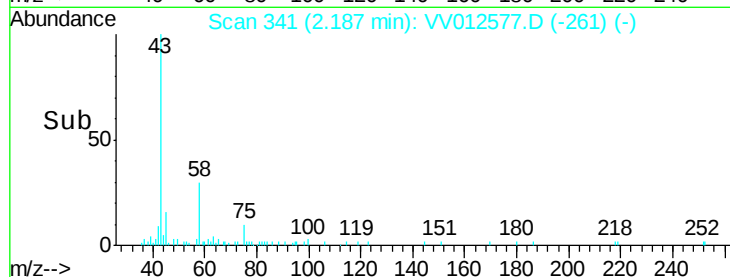
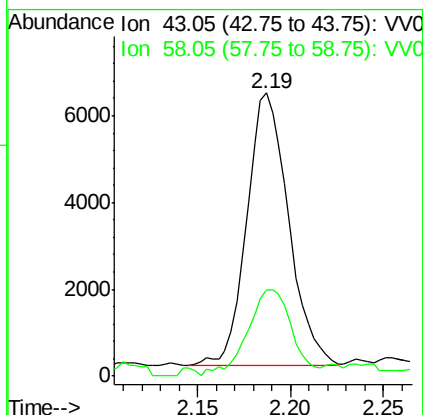
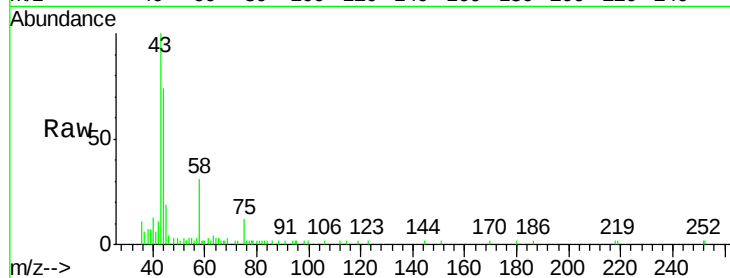




#13
Acetone
Concen: 4.845 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.04 min
Lab File: VV012577.D
Acq: 04 Sep 2019 19:44

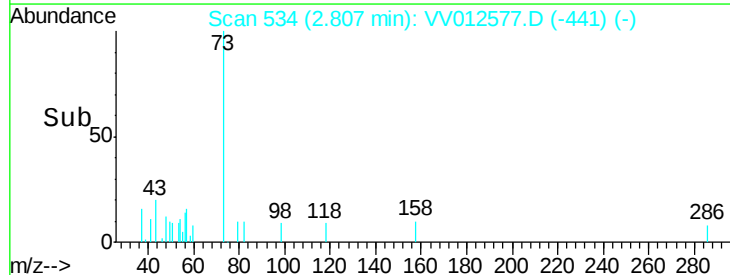
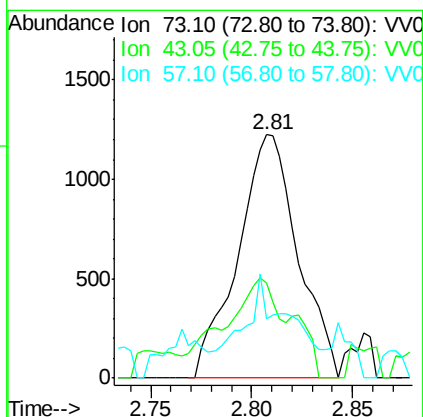
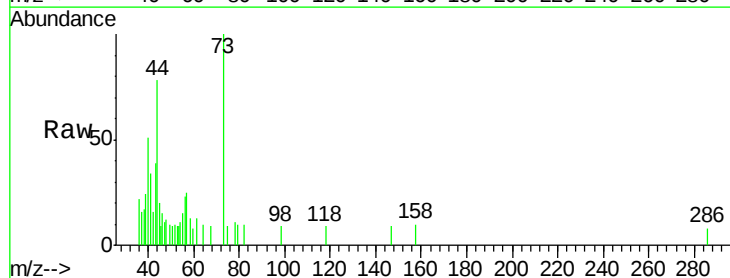
Instrument :
MSVOA_V
ClientSampleId :
BFD81

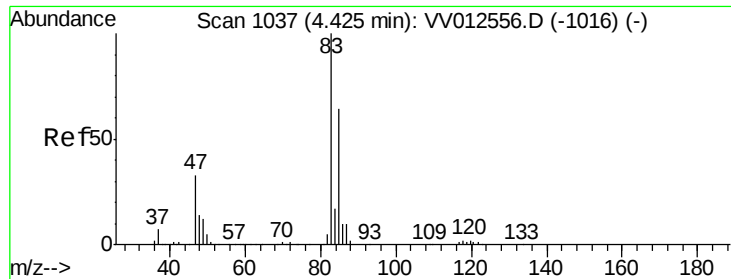
Tot Ion: 43 Resp: 9829
Ion Ratio Lower Upper
43 100
58 33.8 0.0 58.2



#17
Methyl tert-butyl Ether
Concen: 0.150 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV012577.D
Acq: 04 Sep 2019 19:44

Tgt Ion: 73 Resp: 2539
Ion Ratio Lower Upper
73 100
43 24.5 18.9 28.3
57 10.5 18.3 27.5#





#25

Chloroform

Concen: 0.440 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012577.D

Acq: 04 Sep 2019 19:44

Instrument :

MSVOA_V

ClientSampleId :

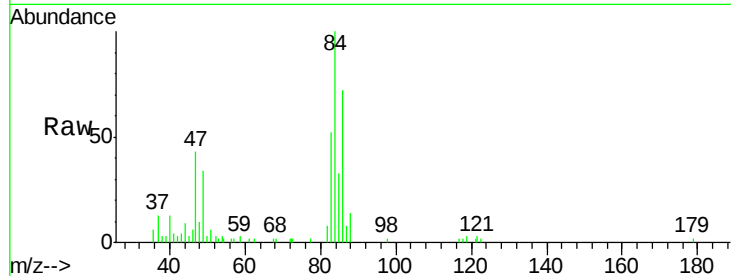
BFD81

Tot Ion: 83 Resp: 7085

Ion Ratio Lower Upper

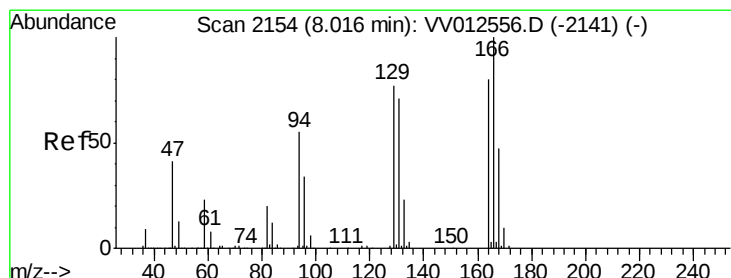
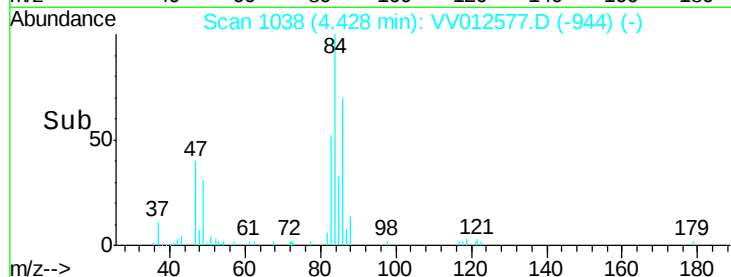
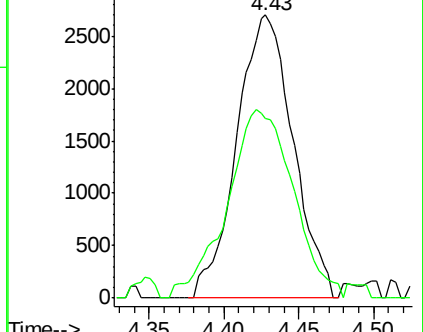
83 100

85 63.4 45.1 83.9



Abundance Ion 83.05 (82.75 to 83.75): VV012556.D (-1016) (-)

Ion 85.00 (84.70 to 85.70): VV012556.D (-1016) (-)



#47

Tetrachloroethene

Concen: 7.685 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012577.D

Acq: 04 Sep 2019 19:44

Tgt Ion: 164 Resp: 50212

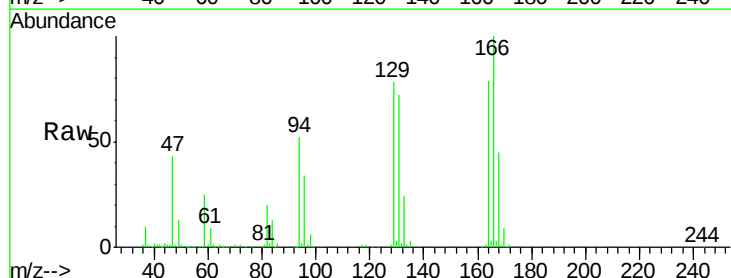
Ion Ratio Lower Upper

164 100

129 99.3 64.5 119.9

131 90.9 62.3 115.7

166 127.0 86.5 160.6



Abundance Ion 163.90 (163.60 to 164.60): VV012556.D (-2141) (-)

Ion 128.95 (128.65 to 129.65): VV012556.D (-2141) (-)

Ion 130.95 (130.65 to 131.65): VV012556.D (-2141) (-)

Ion 165.90 (165.60 to 166.60): VV012556.D (-2141) (-)

