

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090619\
 Data File : VV012591.D
 Acq On : 06 Sep 2019 11:03
 Operator : SY/MD
 Sample : K4685-07
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD76

Quant Time: Sep 06 11:46:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 06 11:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	150451	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	154978	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	52498	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66480	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	66503	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.13	63	108817	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.96	46	142677	51.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.98%
24) Chloroform-d	4.40	84	106572	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.08	65	57846	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	191731	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	64427	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.36	98	148989	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.66	79	18915	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.14	63	69590	41.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38157	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	47230	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

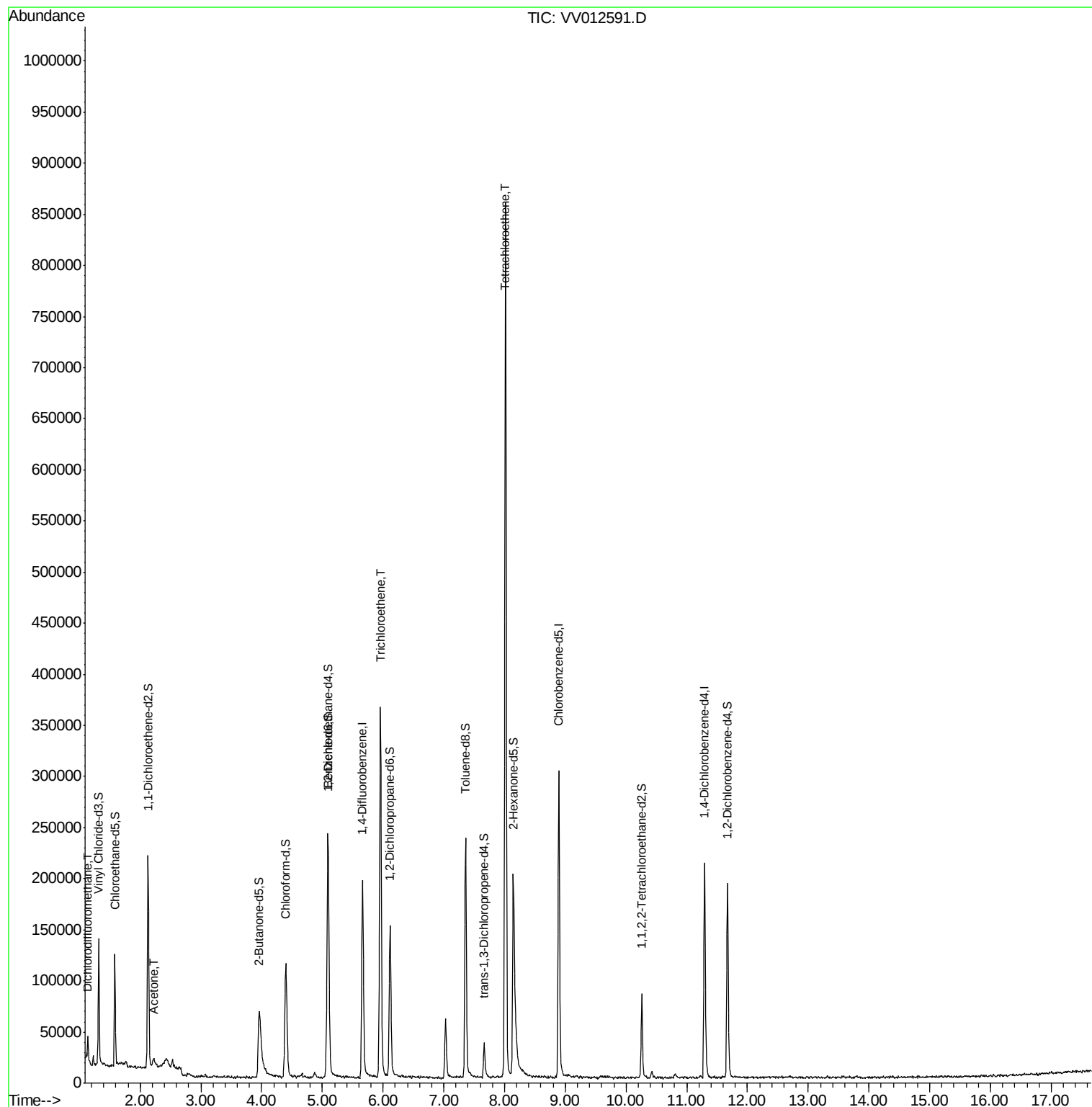
					Ovalue
2) Dichlorodifluoromethane	1.14	85	12025	0.761 ug/L	95
13) Acetone	2.22	43	14861	4.464 ug/L	81
34) Trichloroethene	5.96	95	121276	7.759 ug/L	99
47) Tetrachloroethene	8.02	164	172406	15.132 ug/L	96

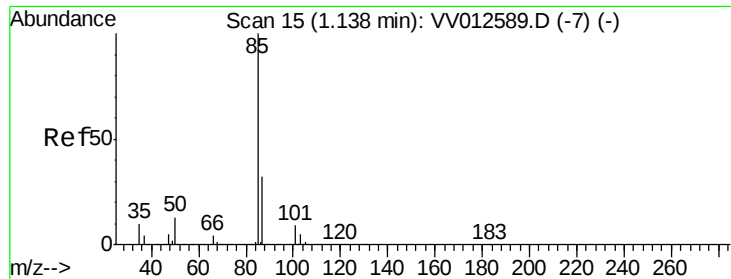
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.761 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV012591.D

Acq: 06 Sep 2019 11:03

Instrument :

MSVOA_V

ClientSampleId :

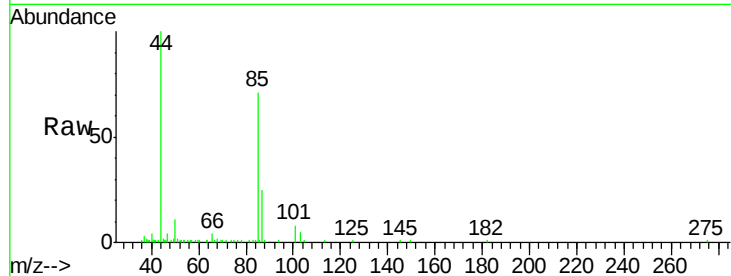
BFD76

Tot Ion: 85 Resp: 12025

Ion Ratio Lower Upper

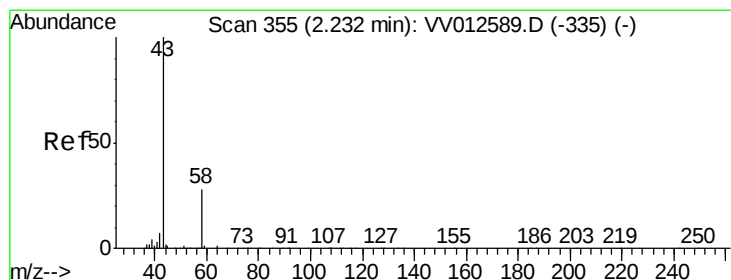
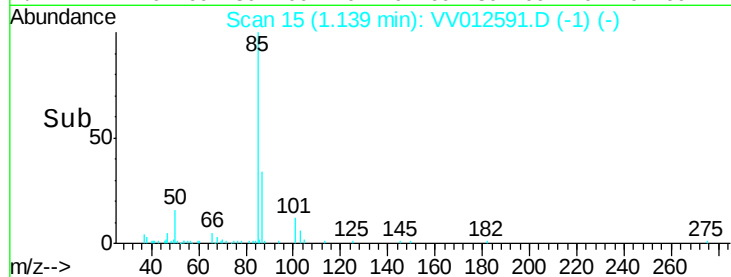
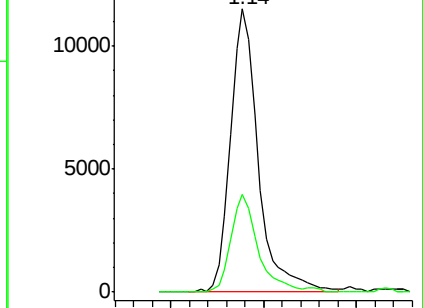
85 100

87 34.0 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 4.464 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.01 min

Lab File: VV012591.D

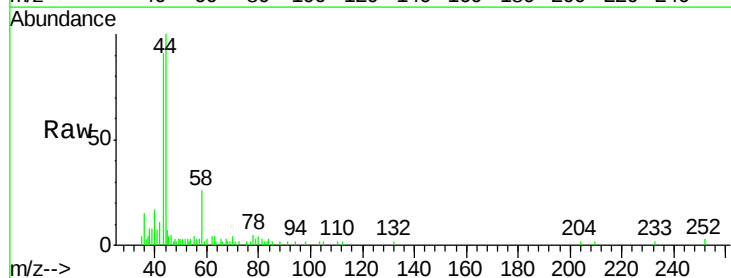
Acq: 06 Sep 2019 11:03

Tgt Ion: 43 Resp: 14861

Ion Ratio Lower Upper

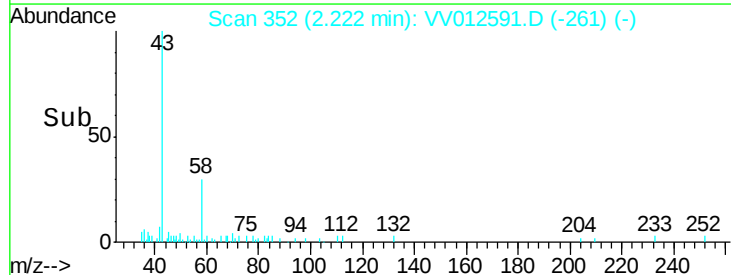
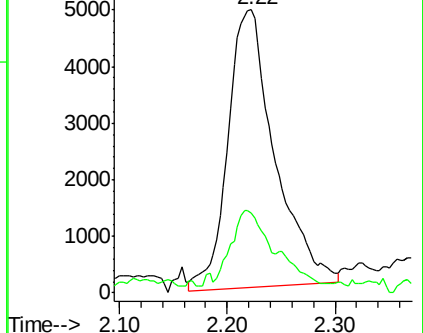
43 100

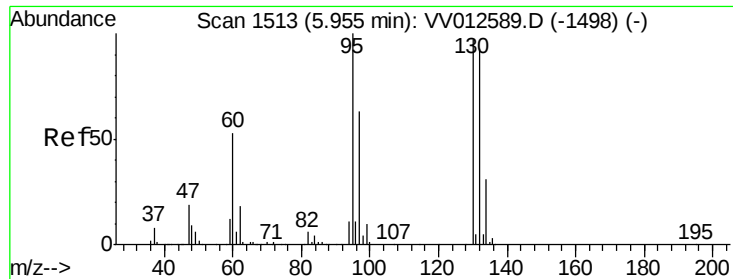
58 18.3 0.0 57.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

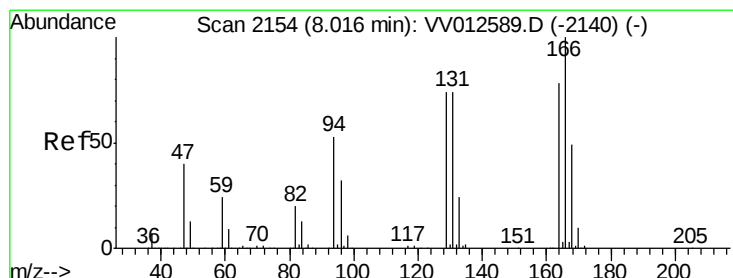
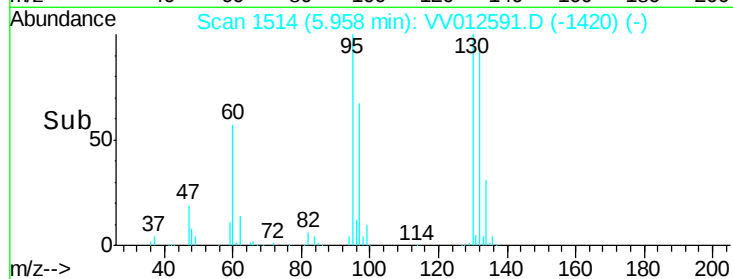
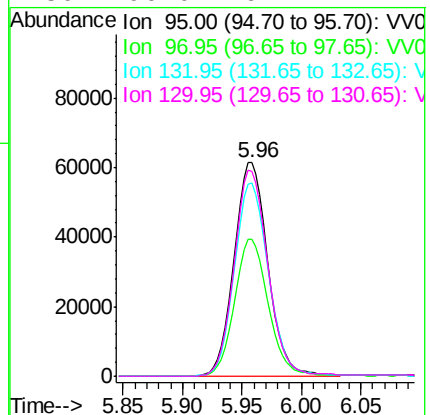
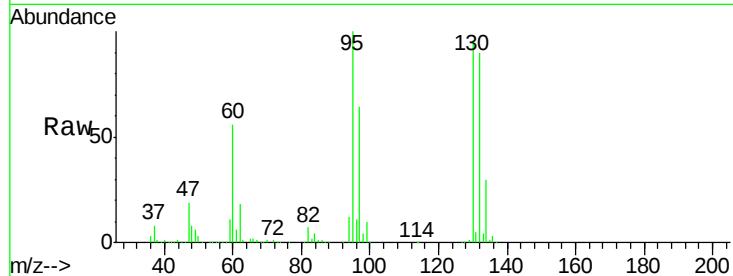




#34
 Trichloroethene
 Concen: 7.759 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
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Tot Ion:	95	Resp:	121276
Ion	Ratio	Lower	Upper
95	100		
97	64.2	43.9	81.5
132	90.2	64.8	120.4
130	96.0	67.1	124.7



#47
 Tetrachloroethene
 Concen: 15.132 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV012591.D
 Acq: 06 Sep 2019 11:03

Tgt Ion:	164	Resp:	172406
Ion	Ratio	Lower	Upper
164	100		
129	96.1	65.0	120.6
131	91.7	62.0	115.2
166	129.2	87.0	161.6

