

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121919\
 Data File : VV014139.D
 Acq On : 19 Dec 2019 18:59
 Operator : SY/MD
 Sample : K6286-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDY7

Quant Time: Dec 20 08:13:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 07:12:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	335653	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	340539	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	152107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88422	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.58	69	88692	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.13	63	116245	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.93	46	297294	68.84	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.68%#
24) Chloroform-d	4.40	84	210877	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.08	65	105078	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	352619	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
36) 1,2-Dichloropropane-d6	6.11	67	119353	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	262477	3.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.60%#
43) trans-1,3-Dichloropropene-	7.66	79	40037	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.13	63	196774	52.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.70%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	95849	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	123014	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

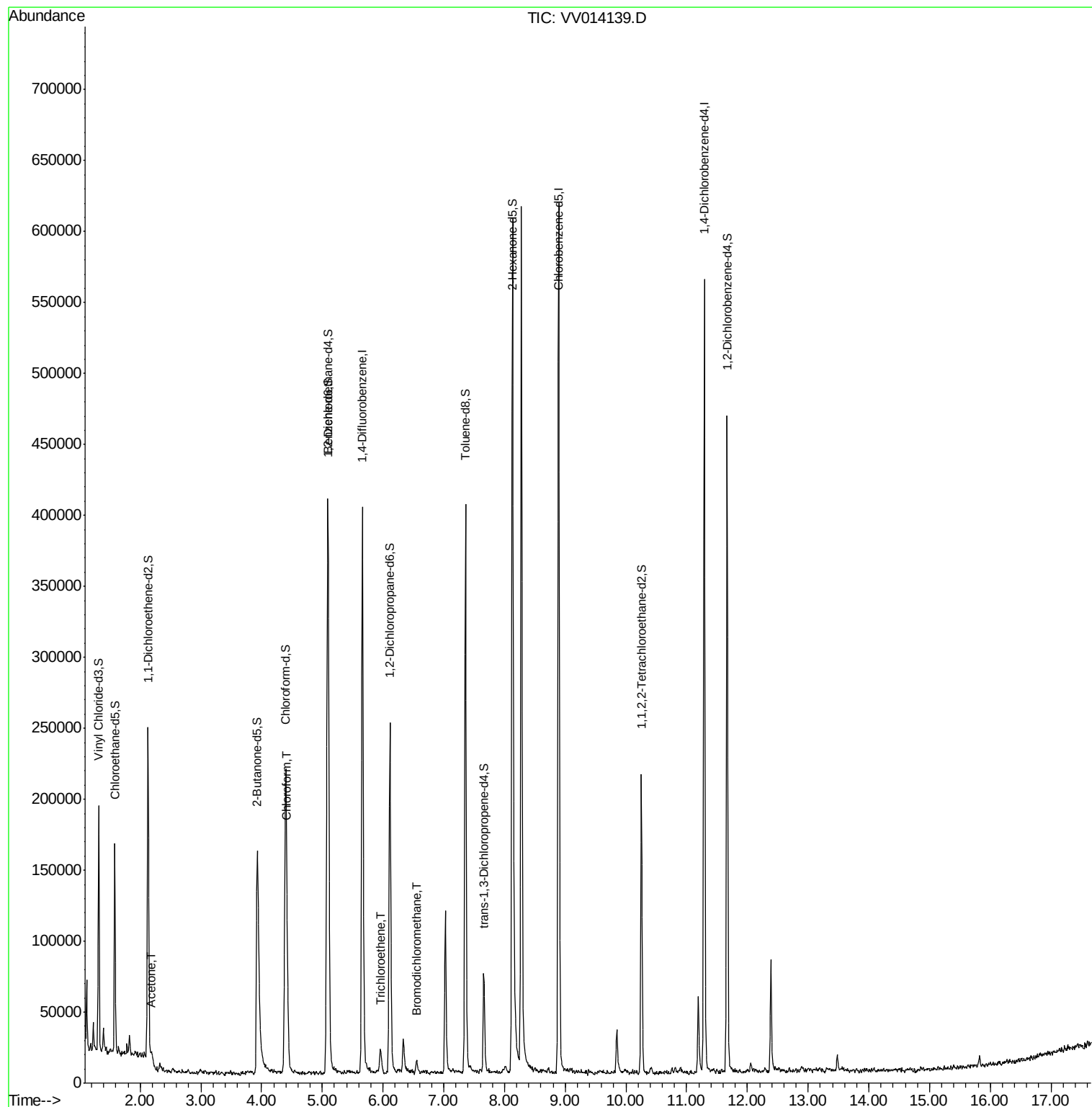
					Ovalue
13) Acetone	2.19	43	8754	2.899 ug/L #	56
25) Chloroform	4.42	83	41039	1.064 ug/L	98
34) Trichloroethene	5.96	95	5369	0.233 ug/L	89
38) Bromodichloromethane	6.55	83	5817	0.205 ug/L	90

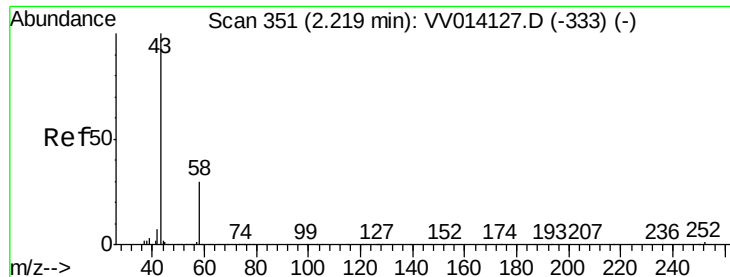
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.899 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.03 min

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Acq: 19 Dec 2019 18:59

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ClientSampleId :

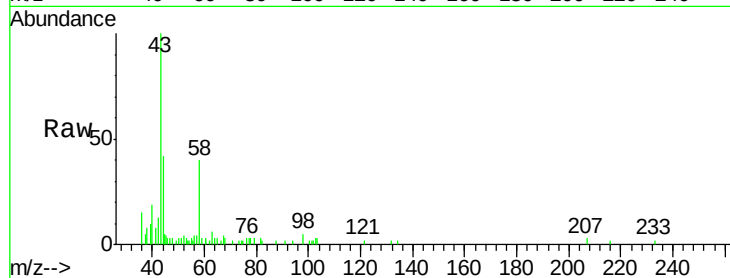
BFDY7

Tot Ion: 43 Resp: 8754

Ion Ratio Lower Upper

43 100

58 31.2 0.0 27.2#

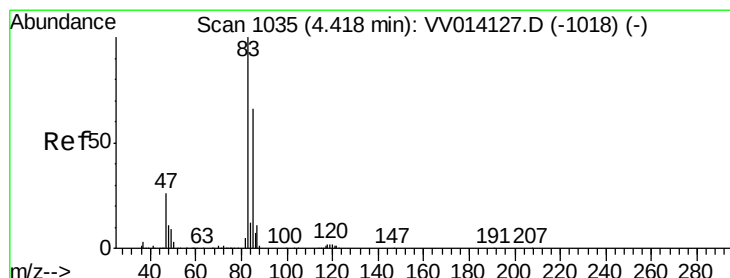
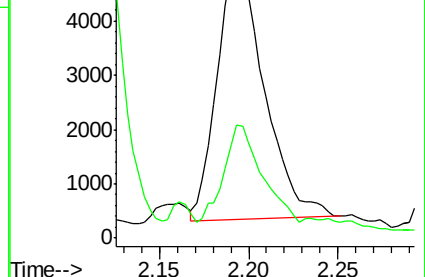
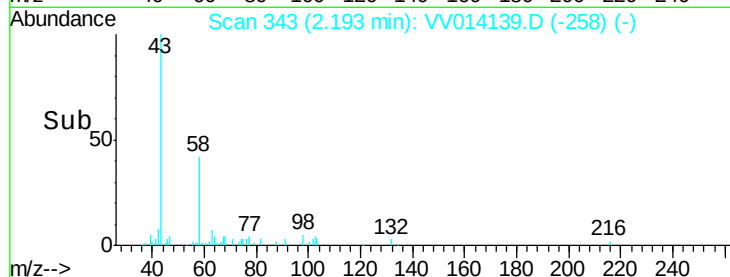


Abundance Ion 43.05 (42.75 to 43.75): VV014127.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV014127.D (-333) (-)

2.19

Time-->



#25

Chloroform

Concen: 1.064 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV014139.D

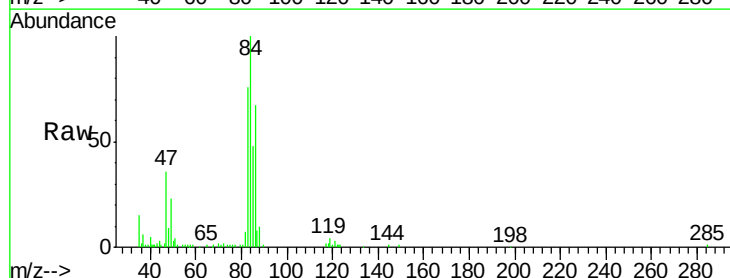
Acq: 19 Dec 2019 18:59

Tgt Ion: 83 Resp: 41039

Ion Ratio Lower Upper

83 100

85 63.1 45.1 83.7

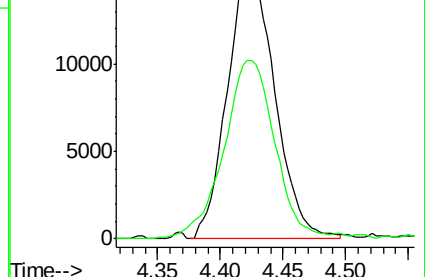
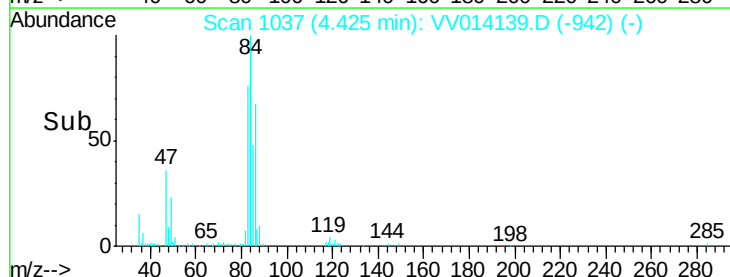


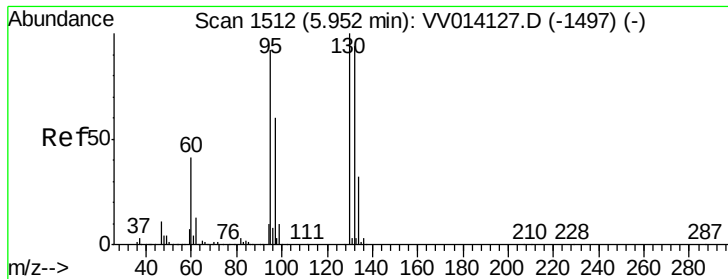
Abundance Ion 83.05 (82.75 to 83.75): VV014127.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV014127.D (-1018) (-)

4.42

Time-->





#34

Trichloroethene

Concen: 0.233 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VV014139.D

Acq: 19 Dec 2019 18:59

Instrument :

MSVOA_V

ClientSampleId :

BFDY7

Tot Ion: 95 Resp: 5369

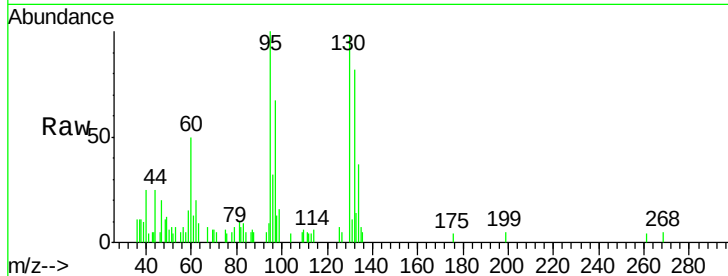
Ion Ratio Lower Upper

95 100

97 67.5 45.6 84.8

132 81.9 70.5 130.9

130 98.0 75.9 140.9

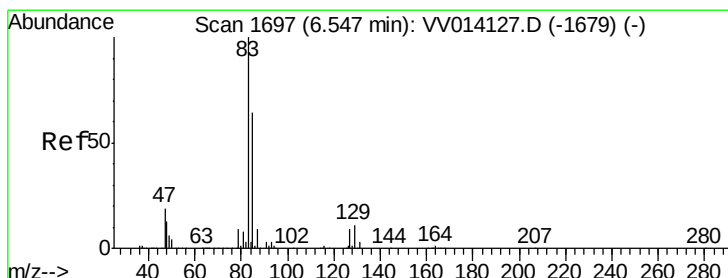
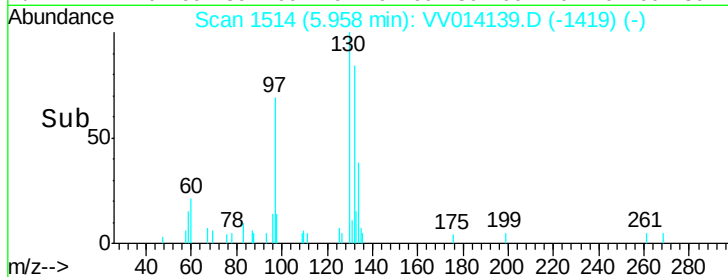
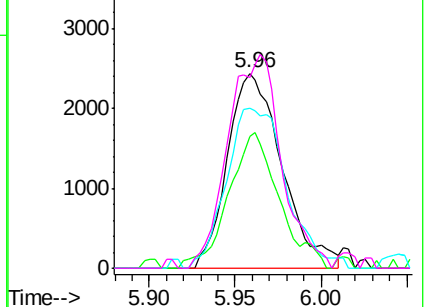


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#38

Bromodichloromethane

Concen: 0.205 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VV014139.D

Acq: 19 Dec 2019 18:59

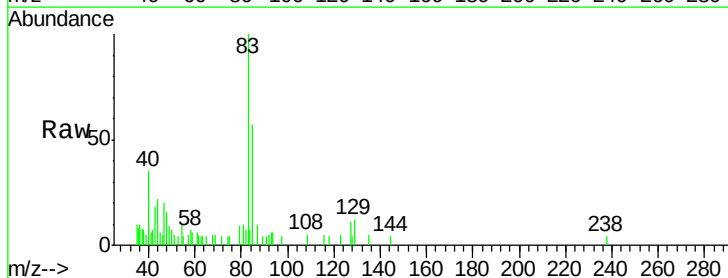
Tgt Ion: 83 Resp: 5817

Ion Ratio Lower Upper

83 100

85 57.0 46.1 85.5

127 11.1 7.5 11.3



Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 126.90 (126.60 to 127.60): V

