

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072319\
 Data File : VV011989.D
 Acq On : 24 Jul 2019 02:24
 Operator : SY/MD
 Sample : K3958-06
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2A17

Quant Time: Jul 24 08:29:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 24 07:47:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	144348	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135852	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	68068	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34062	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.59	69	27807	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	56853	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.94	46	103760	47.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.64%
24) Chloroform-d	4.40	84	90569	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	51336	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.10	84	183180	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	51892	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	167266	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.66	79	18746	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.13	63	81834	46.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35980	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	68172	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

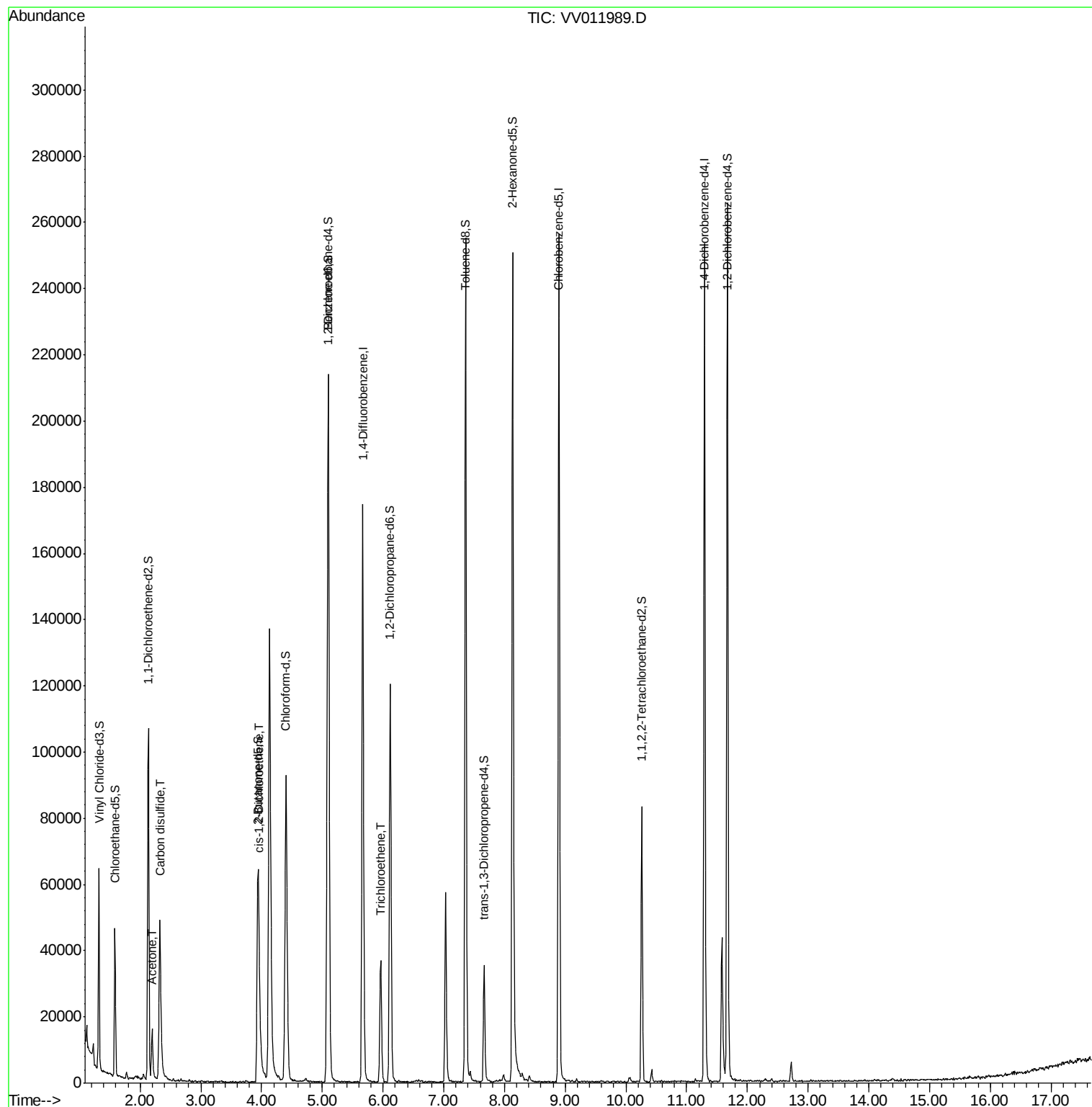
					Ovalue
13) Acetone	2.20	43	16078	13.601	ug/L 99
14) Carbon disulfide	2.32	76	5828	0.311	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	2081	0.189	ug/L 85
34) Trichloroethene	5.96	95	11998	1.081	ug/L 97

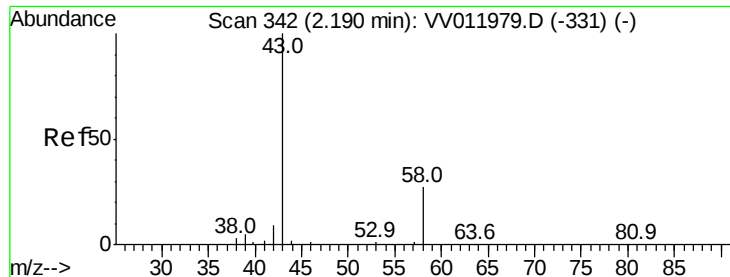
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.601 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

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ClientSampleId :

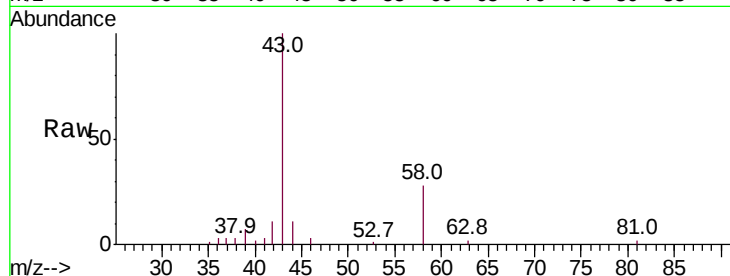
F2A17

Tot Ion: 43 Resp: 16078

Ion Ratio Lower Upper

43 100

58 26.2 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VV011979.D (-331) (-)

Ion 58.05 (57.75 to 58.75): VV011979.D (-331) (-)

2.20

10000

8000

6000

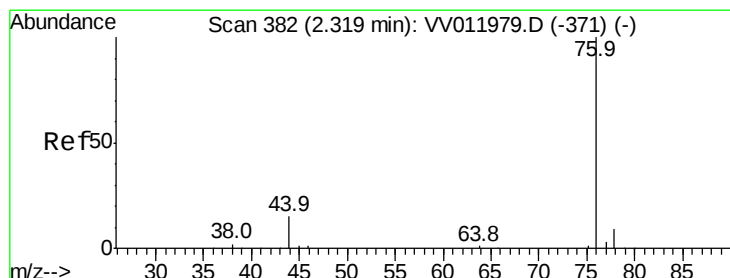
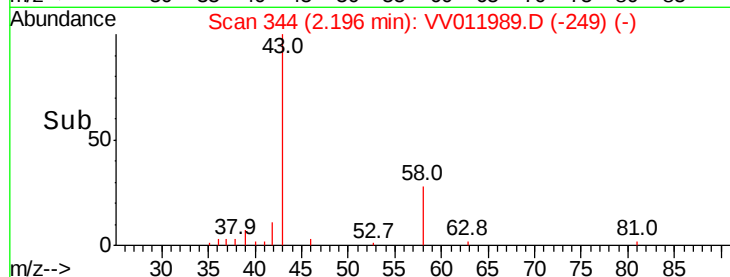
4000

2000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 0.311 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV011989.D

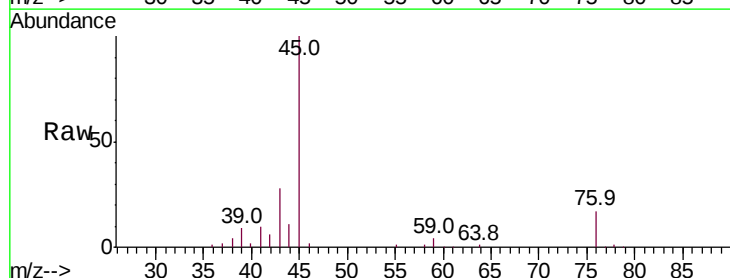
Acq: 24 Jul 2019 02:24

Tgt Ion: 76 Resp: 5828

Ion Ratio Lower Upper

76 100

78 8.0 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV011979.D (-371) (-)

Ion 78.00 (77.70 to 78.70): VV011979.D (-371) (-)

2.32

4000

3000

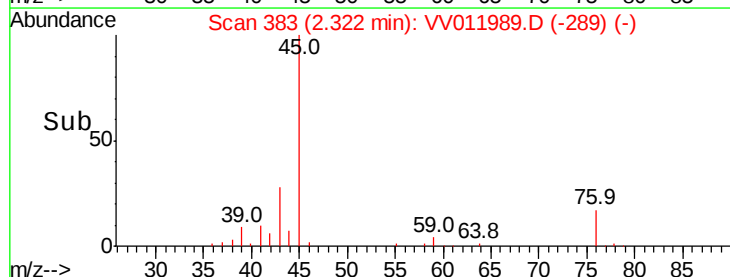
2000

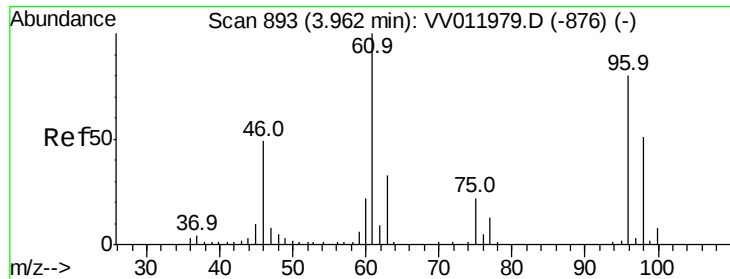
1000

0

Time-->

2.30 2.35



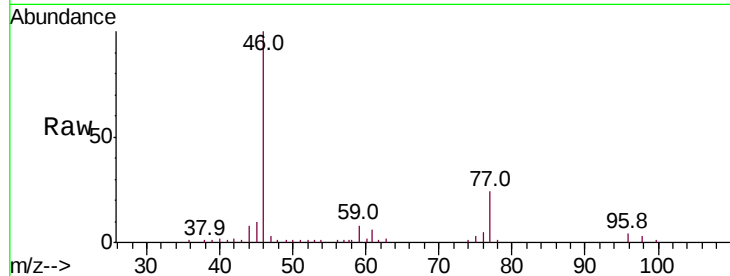


#22

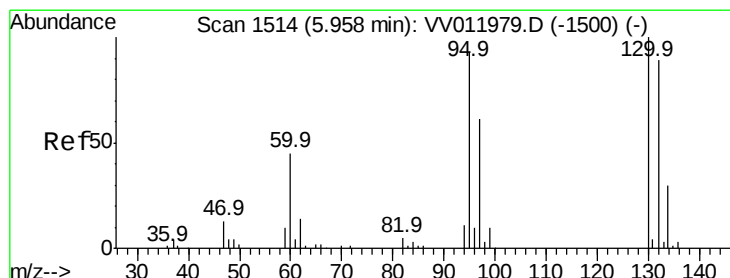
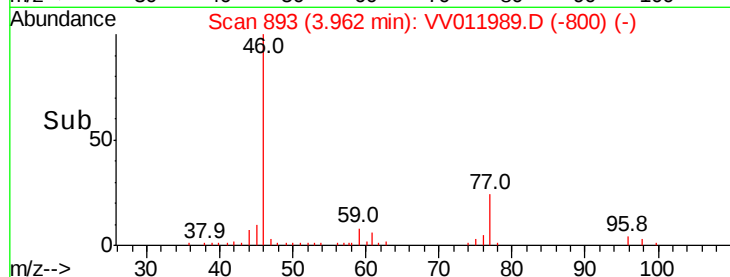
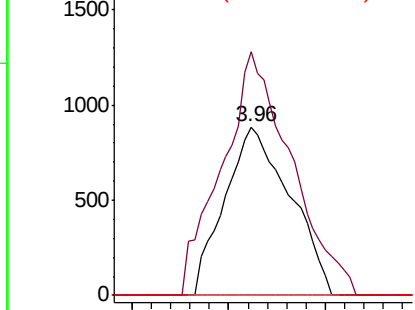
cis-1,2-Dichloroethene
Concen: 0.189 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV011989.D
Acq: 24 Jul 2019 02:24

Instrument :
MSVOA_V
ClientSampleId :
F2A17

Tot Ion: 96 Resp: 2081
Ion Ratio Lower Upper
96 100
61 144.5 89.0 165.2
68 0.0 0.0 0.0



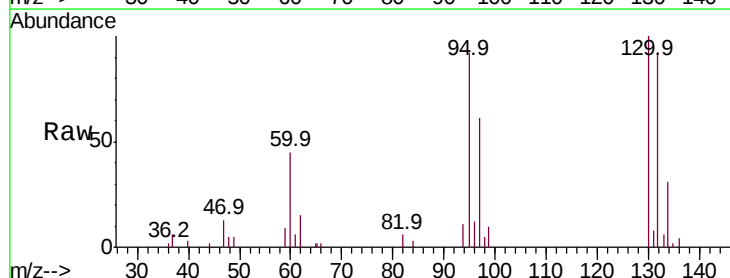
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



#34

Trichloroethene
Concen: 1.081 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV011989.D
Acq: 24 Jul 2019 02:24

Tgt Ion: 95 Resp: 11998
Ion Ratio Lower Upper
95 100
97 67.0 45.6 84.6
132 100.0 71.3 132.3
130 109.2 72.8 135.2



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): VV0
Ion 129.95 (129.65 to 130.65): VV0

