

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072319\
 Data File : VV011990.D
 Acq On : 24 Jul 2019 02:50
 Operator : SY/MD
 Sample : K3958-07
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2A18

Quant Time: Jul 24 08:31:54 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	5.66	114	141095	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	136179	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	66914	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35393	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.59	69	28531	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	55093	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.94	46	106903	49.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.74%
24) Chloroform-d	4.40	84	92263	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	52876	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.10	84	187660	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	53602	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	169195	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.67	79	19843	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.14	63	85279	48.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37275	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	69338	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

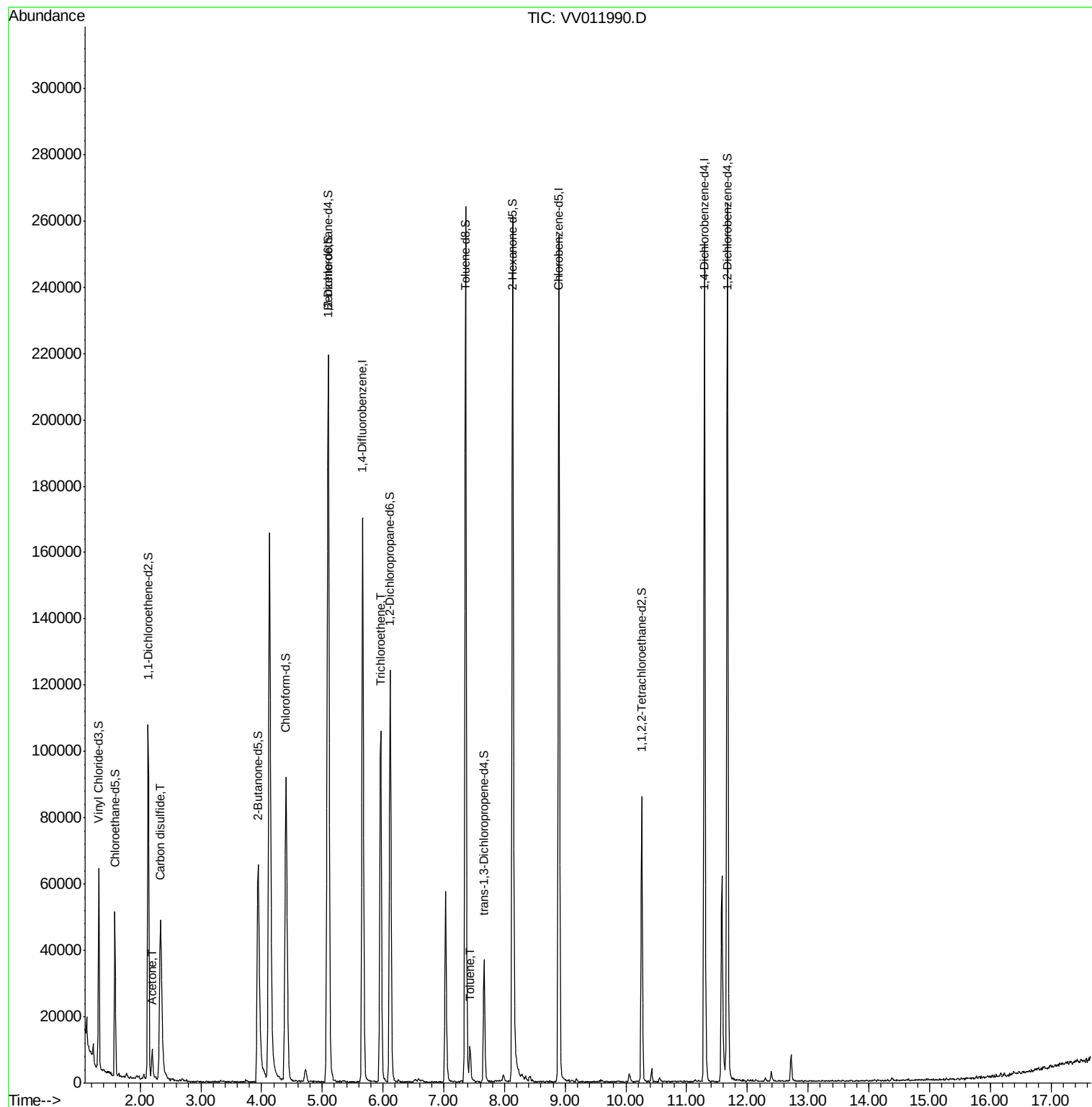
					Ovalue
13) Acetone	2.20	43	9299	8.048	ug/L 100
14) Carbon disulfide	2.32	76	3033	0.166	ug/L 99
34) Trichloroethene	5.96	95	35718	3.211	ug/L 96
42) Toluene	7.43	91	7228	0.168	ug/L 98

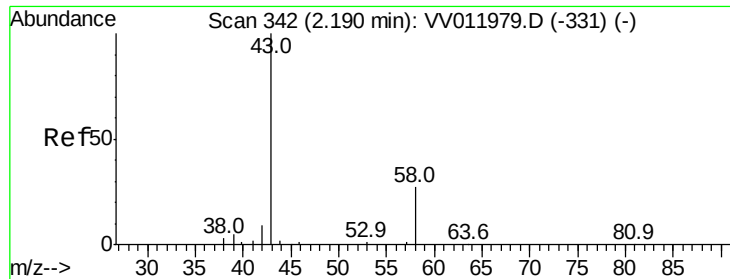
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.048 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV011990.D

Acq: 24 Jul 2019 02:50

Instrument :

MSVOA_V

ClientSampleId :

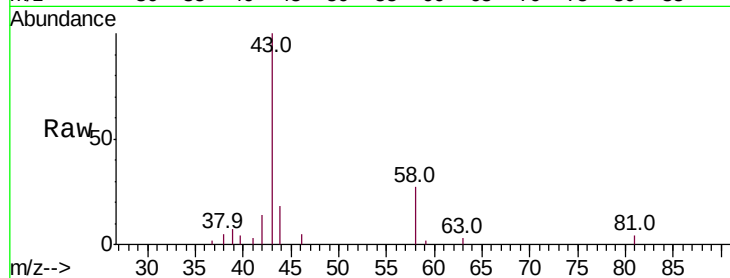
F2A18

Tot Ion: 43 Resp: 9299

Ion Ratio Lower Upper

43 100

58 26.1 0.0 51.8



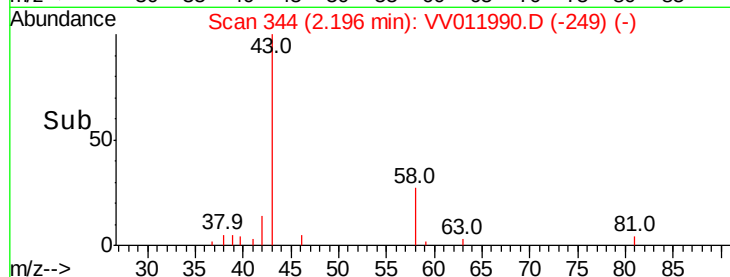
Abundance Ion 43.05 (42.75 to 43.75): VV011990.D (-249) (-)

Ion 58.05 (57.75 to 58.75): VV011990.D (-249) (-)

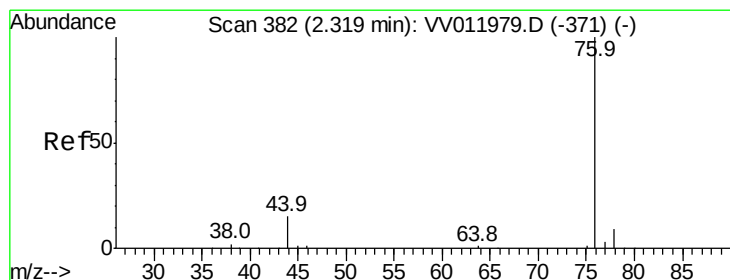
2.20

2.15 2.20 2.25 2.30

Time-->



Time-->



#14

Carbon disulfide

Concen: 0.166 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV011990.D

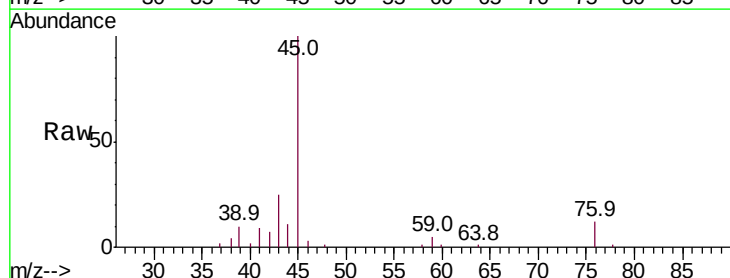
Acq: 24 Jul 2019 02:50

Tgt Ion: 76 Resp: 3033

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



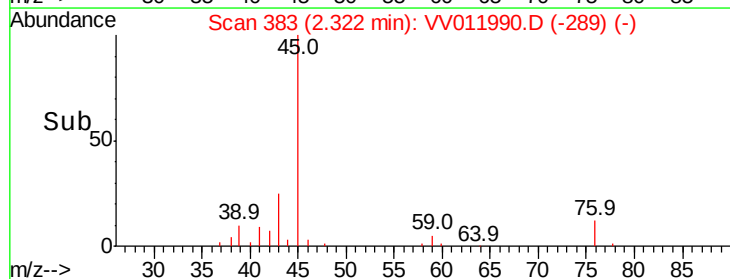
Abundance Ion 76.05 (75.75 to 76.75): VV011990.D (-289) (-)

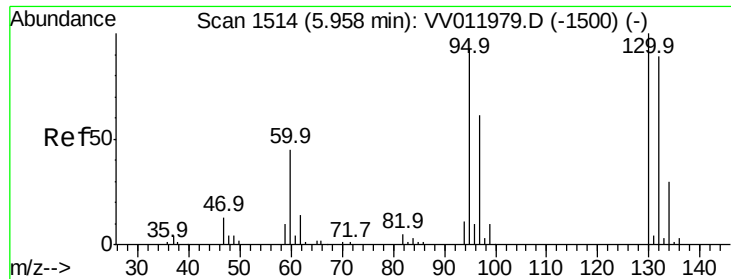
Ion 78.00 (77.70 to 78.70): VV011990.D (-289) (-)

2.32

2.30 2.35

Time-->

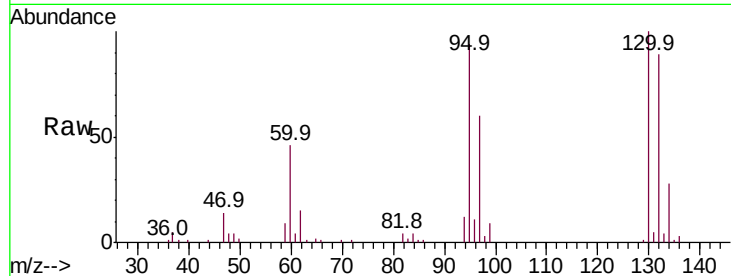




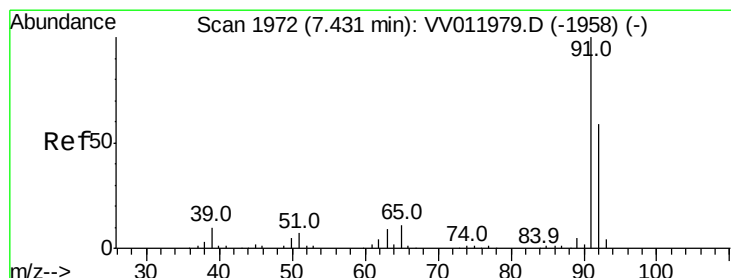
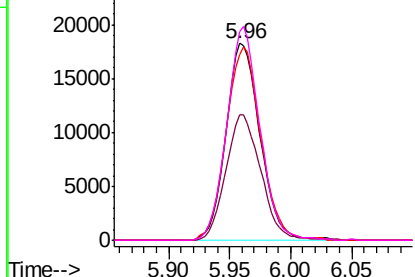
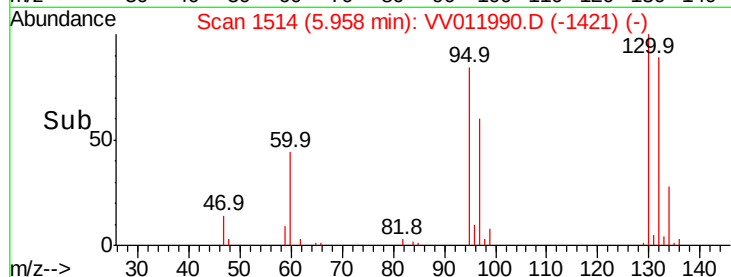
#34
 Trichloroethene
 Concen: 3.211 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV011990.D
 Acq: 24 Jul 2019 02:50

Instrument :
 MSVOA_V
 ClientSampleId :
 F2A18

Tot Ion: 95 Resp: 35718
 Ion Ratio Lower Upper
 95 100
 97 63.8 45.6 84.6
 132 94.4 71.3 132.3
 130 105.8 72.8 135.2

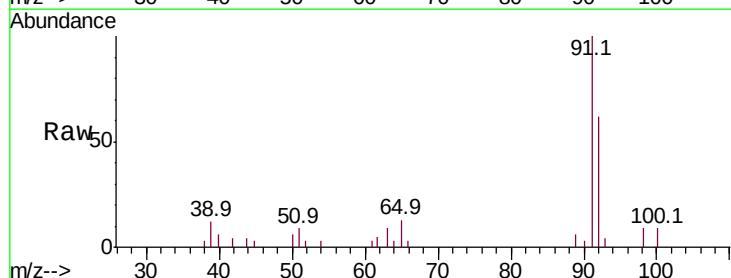


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#42
 Toluene
 Concen: 0.168 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV011990.D
 Acq: 24 Jul 2019 02:50

Tgt Ion: 91 Resp: 7228
 Ion Ratio Lower Upper
 91 100
 92 61.5 41.9 77.9



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0

