

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051219\
 Data File : VU031946.D
 Acq On : 12 May 2019 16:26
 Operator : JC/SP
 Sample : K2791-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D48

Quant Time: May 13 07:35:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 13 07:00:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	474555	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	486402	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	177345	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119014	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.68	69	121027	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.27	63	184840	2.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.00%#
20) 2-Butanone-d5	4.20	46	505867	40.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.12%
24) Chloroform-d	4.64	84	275065	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.31	65	157086	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
32) Benzene-d6	5.33	84	513463	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.32	67	180583	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.56	98	383266	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
43) trans-1,3-Dichloropropene-	7.85	79	51797	3.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.60%
46) 2-Hexanone-d5	8.31	63	349748	43.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	159128	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	144037	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

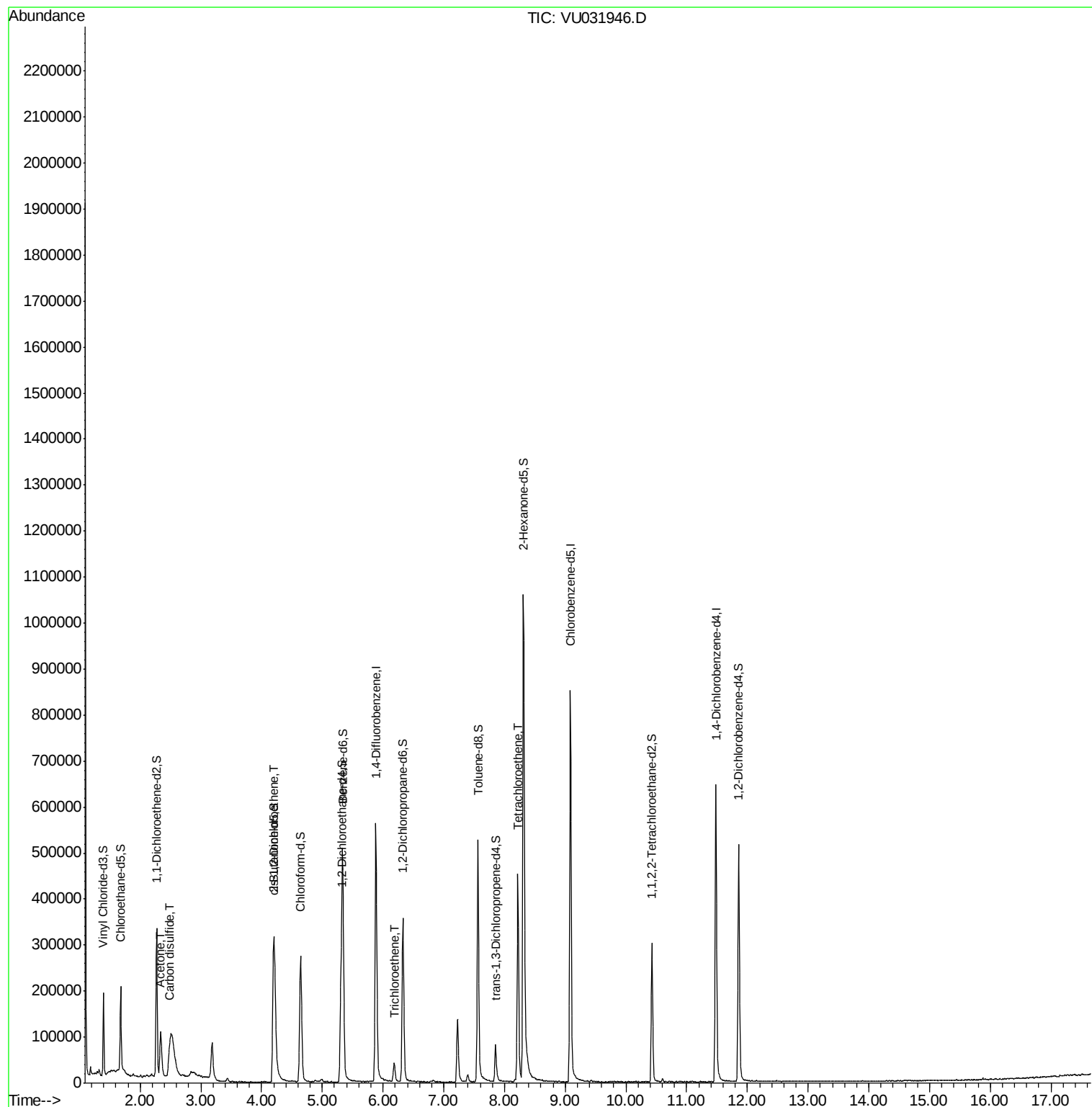
					Ovalue
13) Acetone	2.33	43	127346	14.766	ug/L 85
14) Carbon disulfide	2.48	76	21981	0.194	ug/L 96
22) cis-1,2-Dichloroethene	4.22	96	40489	0.970	ug/L 72
34) Trichloroethene	6.18	95	14643	0.342	ug/L 88
47) Tetrachloroethene	8.22	164	102814	3.698	ug/L 97

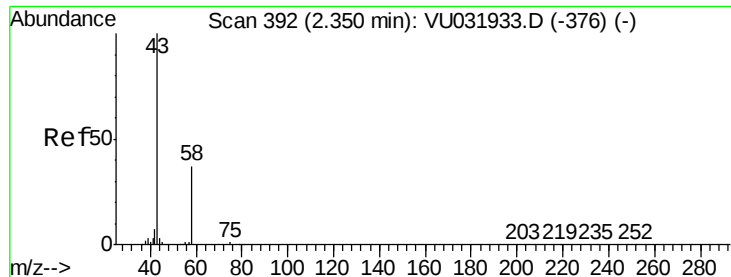
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration





#13

Acetone

Concen: 14.766 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.02 min

Lab File: VU031946.D

Acq: 12 May 2019 16:26

Instrument :

MSVOA_U

ClientSampleId :

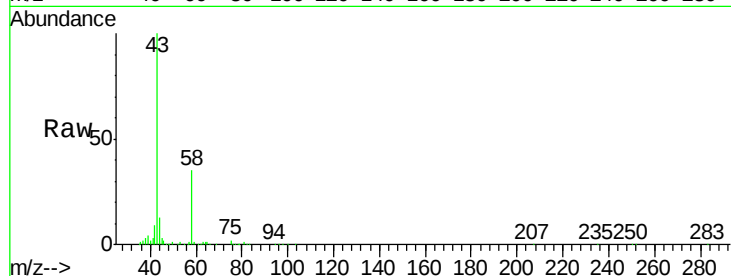
F9D48

Tot Ion: 43 Resp: 127346

Ion Ratio Lower Upper

43 100

58 34.5 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031933.D (-376) (-)

Ion 58.05 (57.75 to 58.75): VU031933.D (-376) (-)

2.33

60000

40000

20000

0

Time-->

2.20 2.30 2.40

2.50

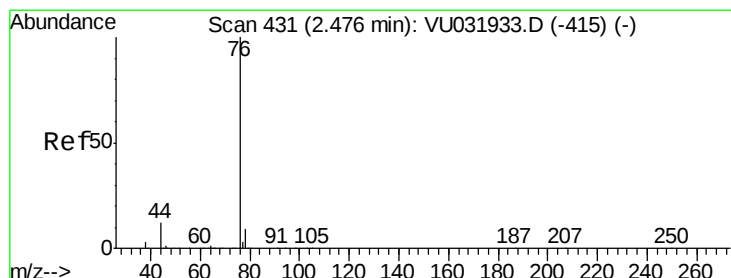
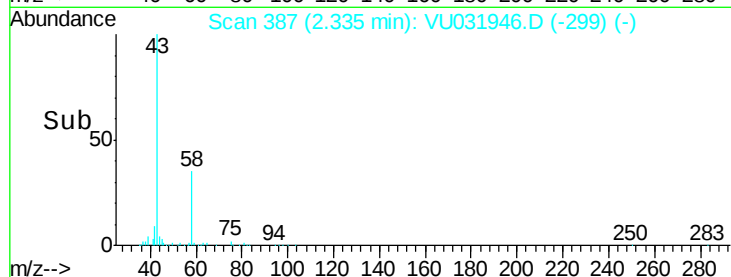
2.60

2.70

2.80

2.90

3.00



#14

Carbon disulfide

Concen: 0.194 ug/L

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU031946.D

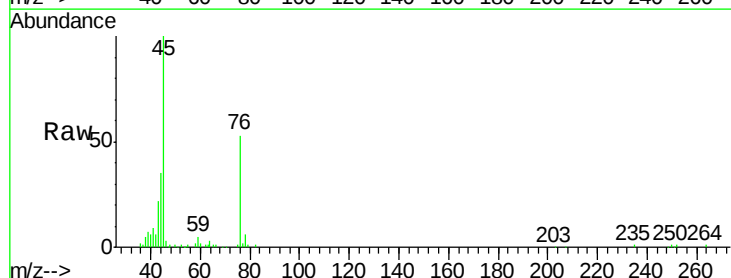
Acq: 12 May 2019 16:26

Tgt Ion: 76 Resp: 21981

Ion Ratio Lower Upper

76 100

78 10.8 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU031933.D (-415) (-)

Ion 78.00 (77.70 to 78.70): VU031933.D (-415) (-)

2.48

15000

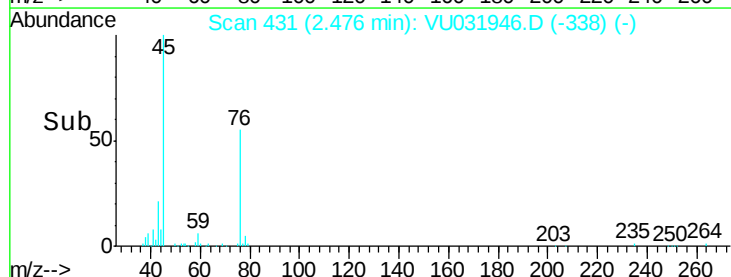
10000

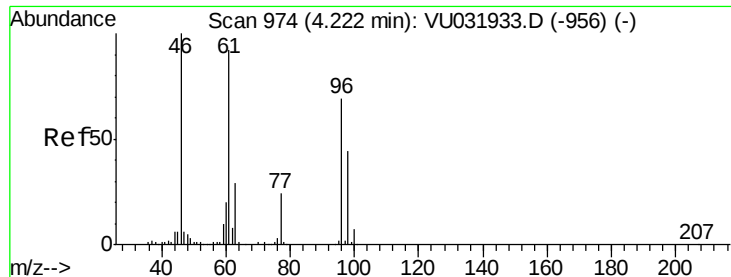
5000

0

Time-->

2.45 2.50 2.55



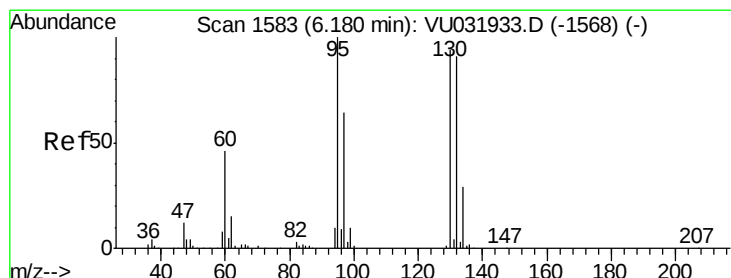
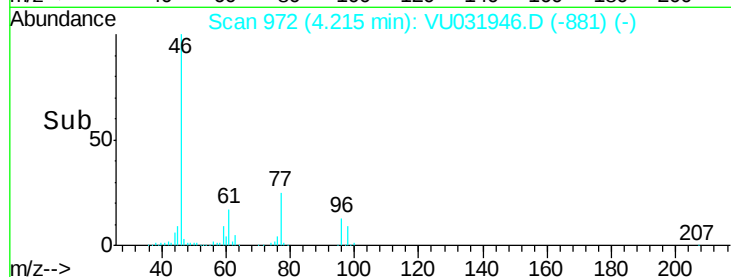
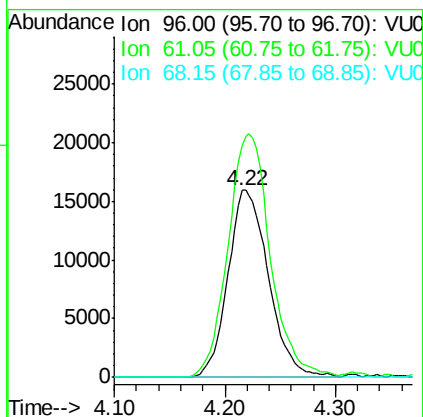
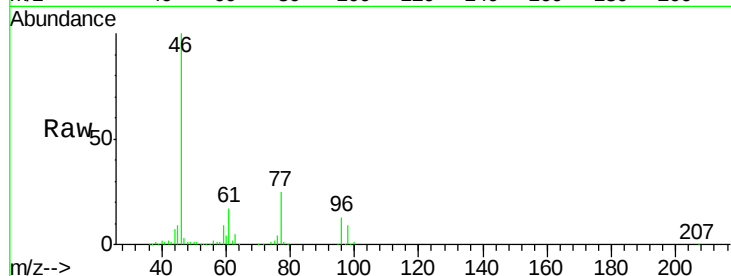


#22

cis-1,2-Dichloroethene
Concen: 0.970 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.01 min
Lab File: VU031946.D
Acq: 12 May 2019 16:26

Instrument :
MSVOA_U
ClientSampled :
F9D48

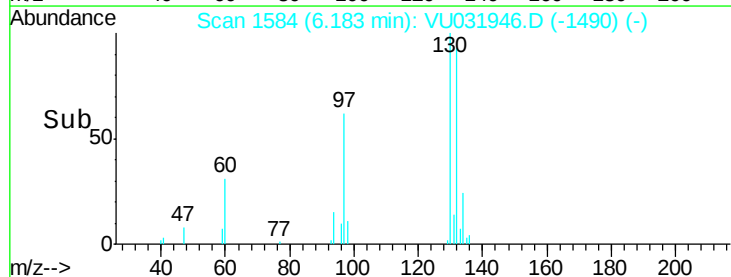
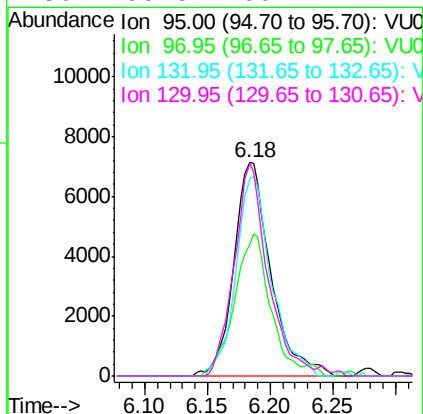
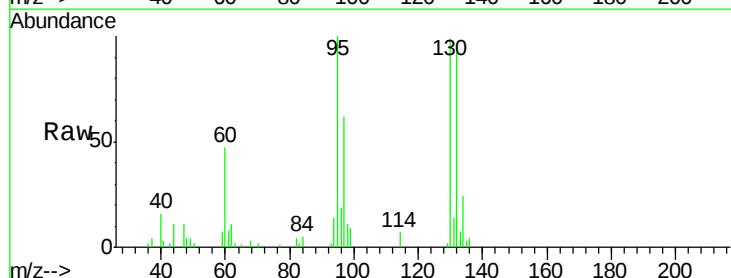
Tot Ion: 96 Resp: 40489
Ion Ratio Lower Upper
96 100
61 124.3 113.3 210.5
68 0.0 0.0 0.0

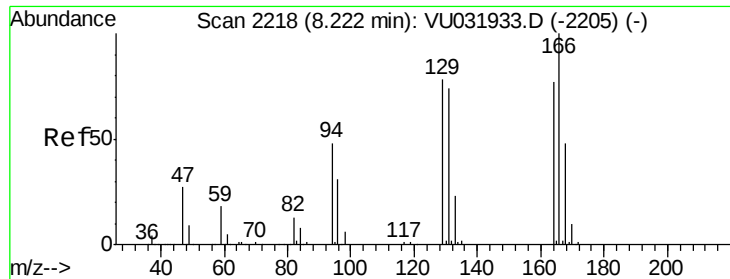


#34

Trichloroethene
Concen: 0.342 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031946.D
Acq: 12 May 2019 16:26

Tgt Ion: 95 Resp: 14643
Ion Ratio Lower Upper
95 100
97 61.7 45.8 85.2
132 92.4 56.0 104.0
130 99.5 60.4 112.2





#47

Tetrachloroethene

Concen: 3.698 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031946.D

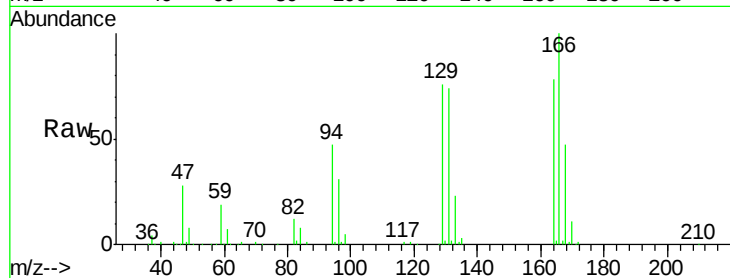
Acq: 12 May 2019 16:26

Instrument :

MSVOA_U

ClientSampleId :

F9D48



Tot Ion:164 Resp: 102814

Ion Ratio Lower Upper

164 100

129 98.0 70.3 130.5

131 95.1 65.4 121.4

166 128.4 86.0 159.8

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

