

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032976.D
 Acq On : 22 Jun 2019 03:31
 Operator : JC/SP
 Sample : K3464-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF50

Quant Time: Jun 24 01:40:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 24 01:08:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	192606	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	187079	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90307	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	47988	36.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.92%
7) Chloroethane-d5	1.68	69	46203	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.02%
11) 1,1-Dichloroethene-d2	2.26	63	81762	30.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.66%
21) 2-Butanone-d5	4.17	46	117267	107.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.04%
24) Chloroform-d	4.64	84	118982	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.30	65	84997	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
32) Benzene-d6	5.33	84	227490	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
36) 1,2-Dichloropropane-d6	6.32	67	75787	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.56%
41) Toluene-d8	7.56	98	201576	44.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.28%
43) trans-1,3-Dichloropropene-	7.85	79	34597	42.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.62%
47) 2-Hexanone-d5	8.31	63	70706	97.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.47%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	115570	48.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	86062	49.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.50%

Target Compounds

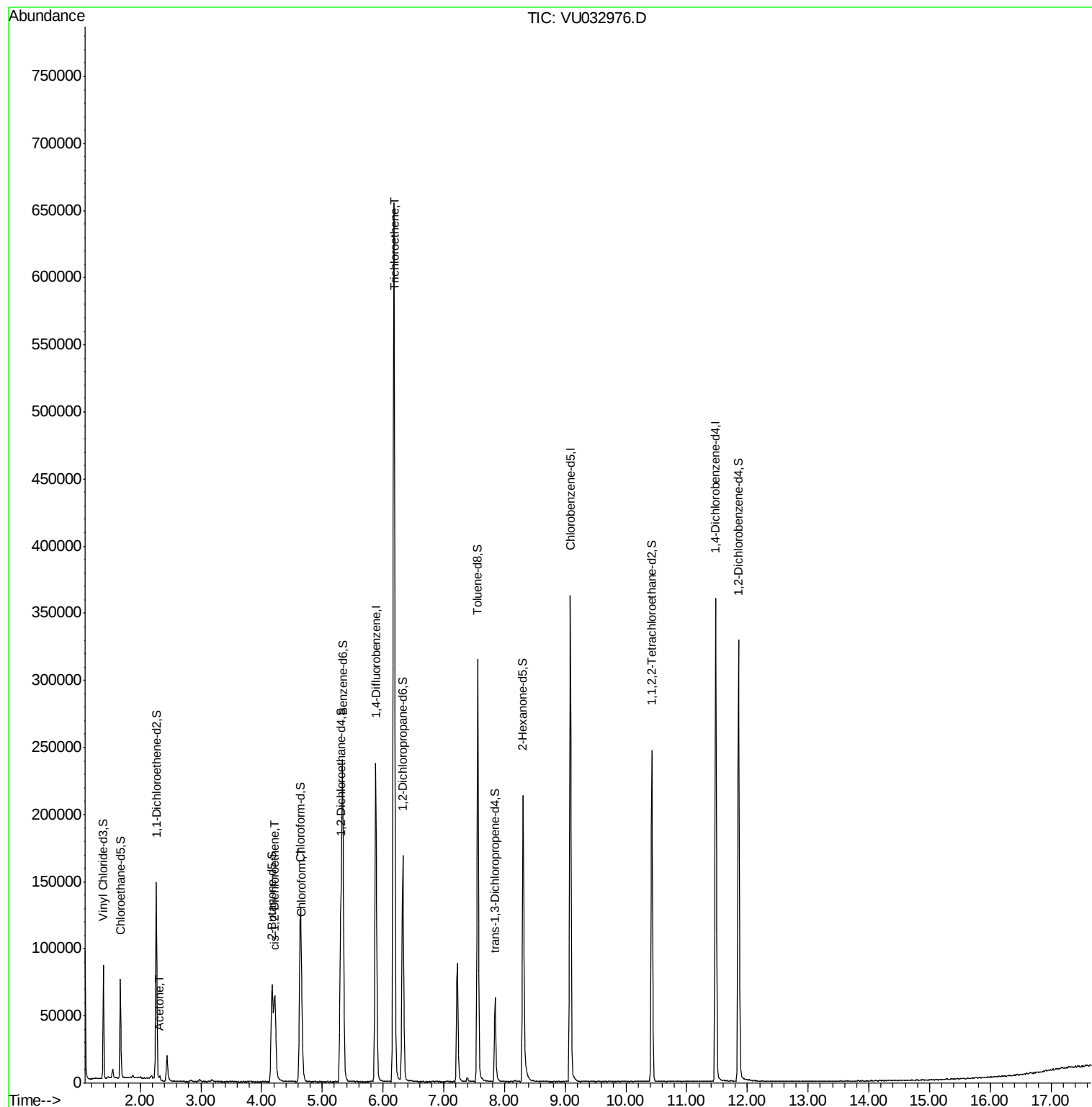
					Ovalue
13) Acetone	2.32	43	3088	2.041 ug/L	90
20) cis-1,2-Dichloroethene	4.22	96	29932	20.890 ug/L	97
25) Chloroform	4.67	83	20224	7.821 ug/L	93
34) Trichloroethene	6.18	95	214172	148.737 ug/L	99

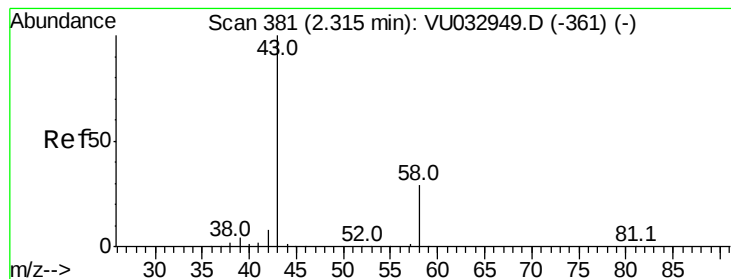
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.041 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032976.D

Acq: 22 Jun 2019 03:31

Instrument :

MSVOA_U

ClientSampleId :

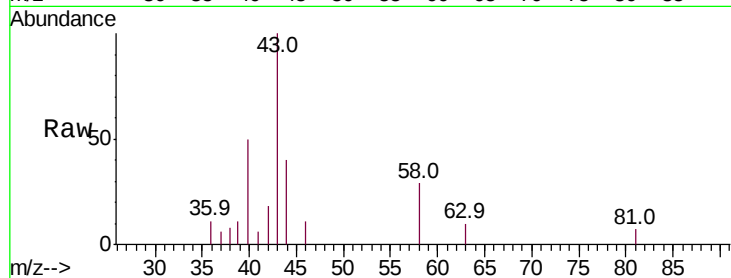
ETF50

Tot Ion: 43 Resp: 3088

Ion Ratio Lower Upper

43 100

58 25.0 0.0 60.6



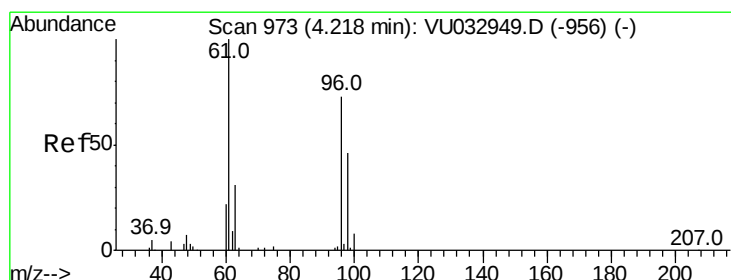
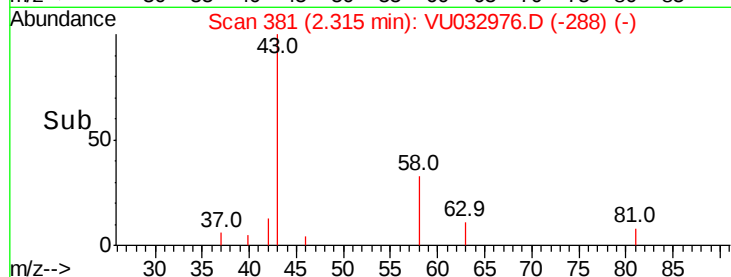
Abundance Ion 43.00 (42.70 to 43.70): VU032949.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU032949.D (-361) (-)

2.32

2.30 2.35

Time-->



#20

cis-1,2-Dichloroethene

Concen: 20.890 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU032976.D

Acq: 22 Jun 2019 03:31

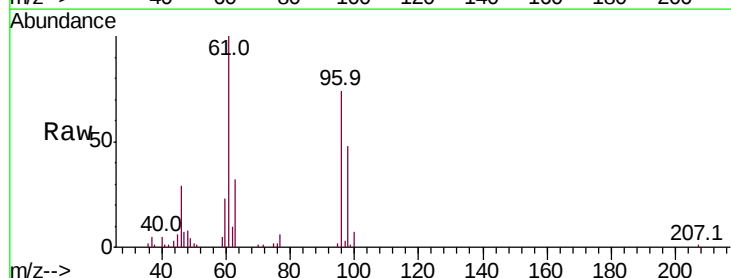
Tgt Ion: 96 Resp: 29932

Ion Ratio Lower Upper

96 100

61 135.5 92.4 171.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032949.D (-956) (-)

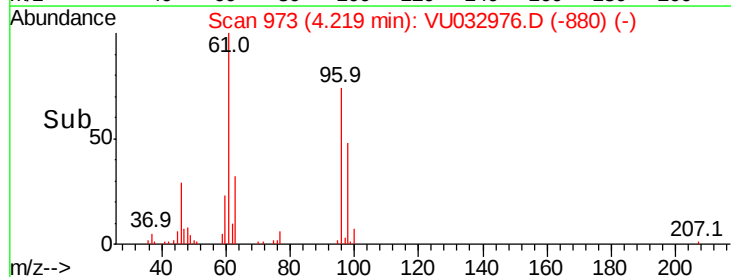
Ion 61.00 (60.70 to 61.70): VU032949.D (-956) (-)

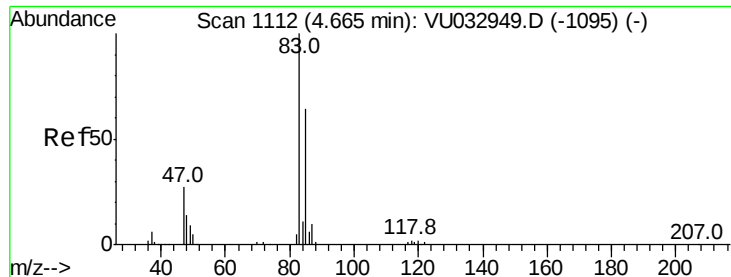
Ion 68.00 (67.70 to 68.70): VU032949.D (-956) (-)

4.22

4.10 4.15 4.20 4.25 4.30

Time-->





#25

Chloroform

Concen: 7.821 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

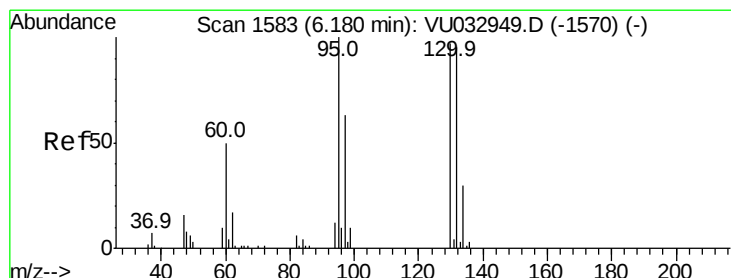
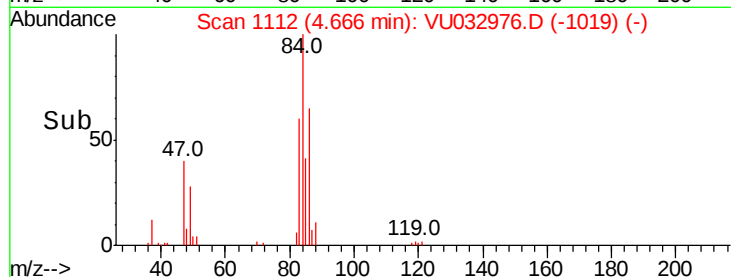
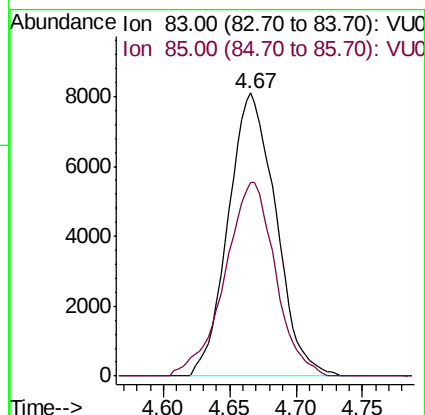
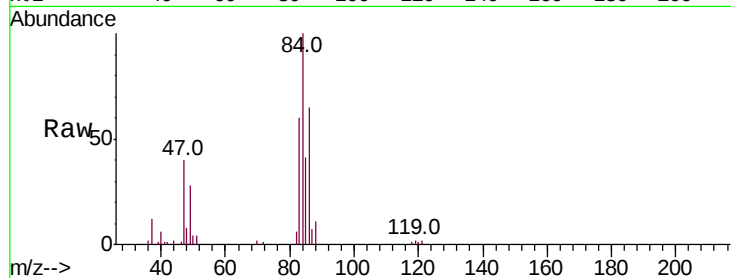
ETF50

Tot Ion: 83 Resp: 20224

Ion Ratio Lower Upper

83 100

85 68.5 44.2 82.2



#34

Trichloroethene

Concen: 148.737 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032976.D

Acq: 22 Jun 2019 03:31

Tgt Ion: 95 Resp: 214172

Ion Ratio Lower Upper

95 100

97 65.3 45.9 85.3

132 95.9 68.5 127.3

130 100.6 70.8 131.4

