

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021219\
 Data File : VU029425.D
 Acq On : 12 Feb 2019 17:19
 Operator : JC/SP
 Sample : K1436-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXA6

Quant Time: Feb 13 13:41:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 13 03:26:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	197853	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	184602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97022	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67171	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.68	69	58449	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.27	63	108742	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.19	46	140460	50.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.64%
24) Chloroform-d	4.65	84	111461	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.31	65	58607	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.34	84	235347	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.33	67	69431	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.56	98	228211	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	7.85	79	26208	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.31	63	138189	51.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55371	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	93700	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

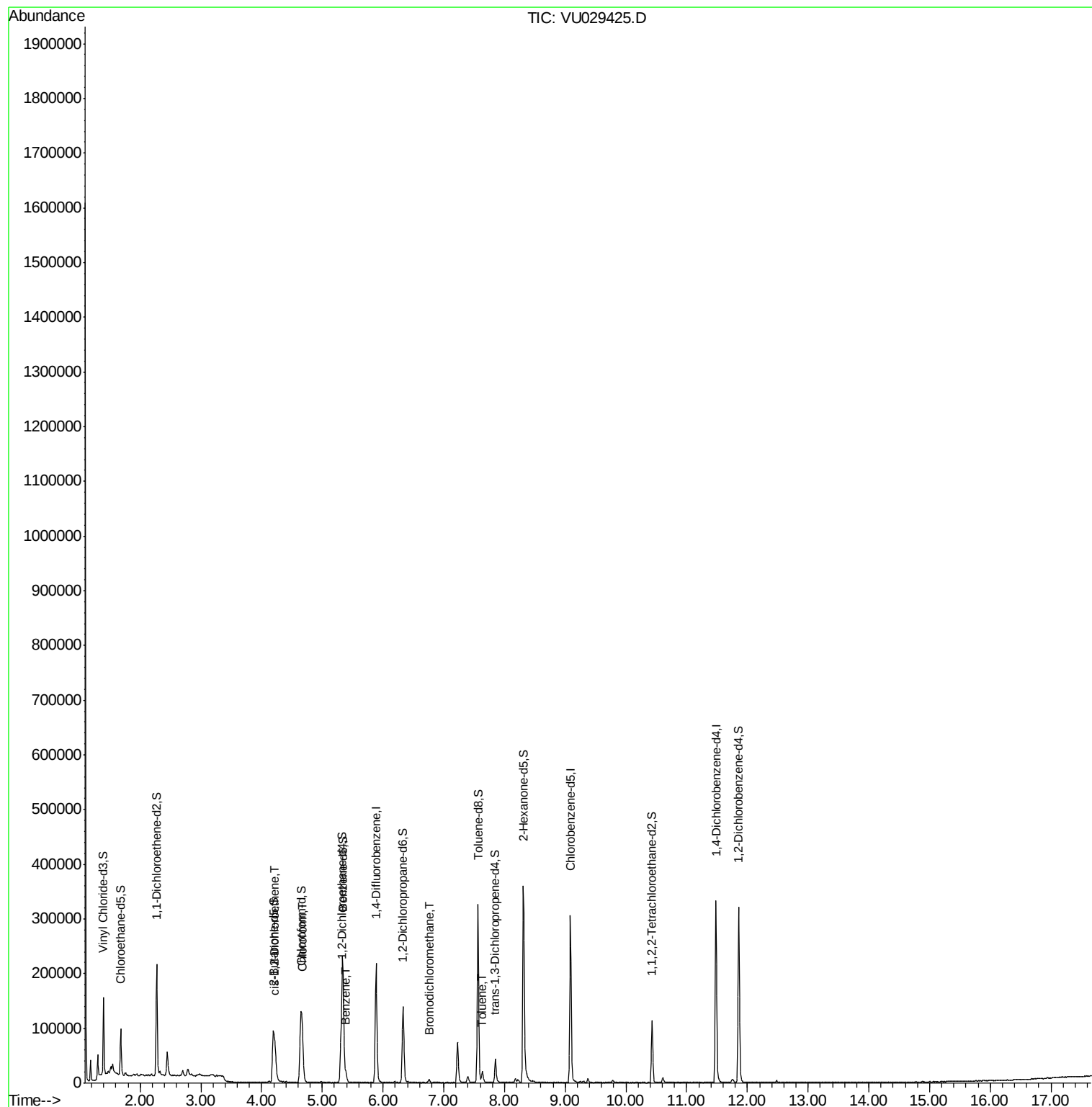
					Ovalue
22) cis-1,2-Dichloroethene	4.23	96	22596	1.415 ug/L	94
25) Chloroform	4.67	83	71801	2.744 ug/L	95
33) Benzene	5.39	78	16656	0.307 ug/L	100
38) Bromodichloromethane	6.76	83	4351	0.242 ug/L #	86
42) Toluene	7.63	91	15269	0.250 ug/L	95

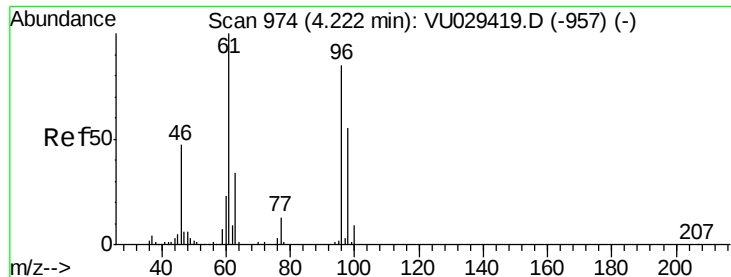
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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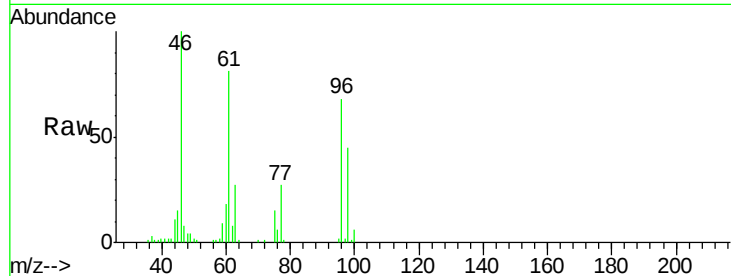


#22

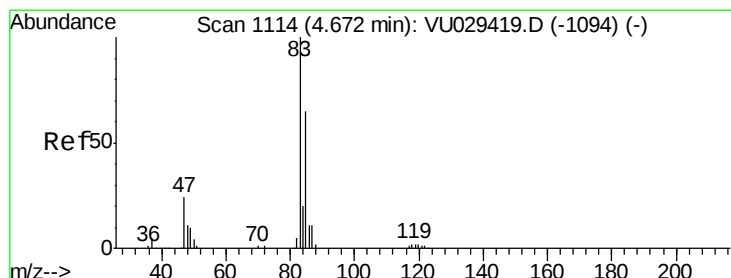
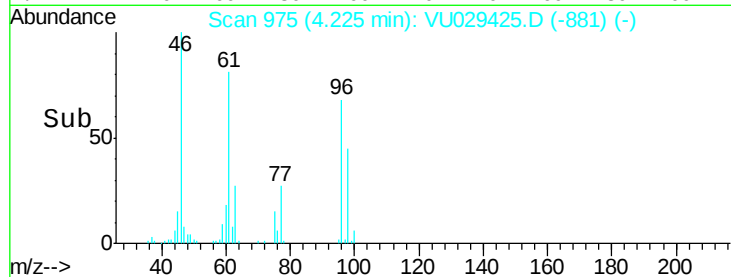
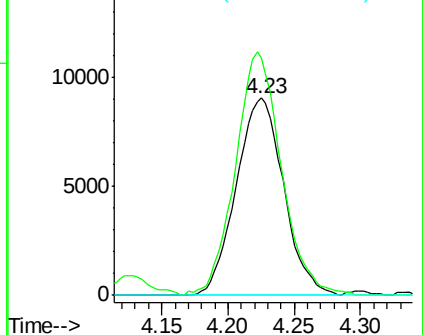
cis-1,2-Dichloroethene
 Concen: 1.415 ug/L
 RT: 4.23 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: VU029425.D
 Acq: 12 Feb 2019 17:19

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXA6

Tot Ion: 96 Resp: 22596
 Ion Ratio Lower Upper
 96 100
 61 120.3 79.9 148.5
 68 0.0 0.0 0.0



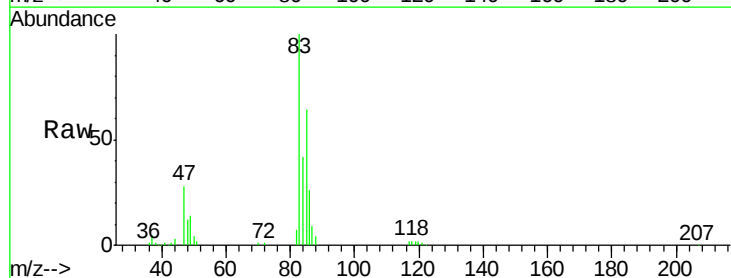
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



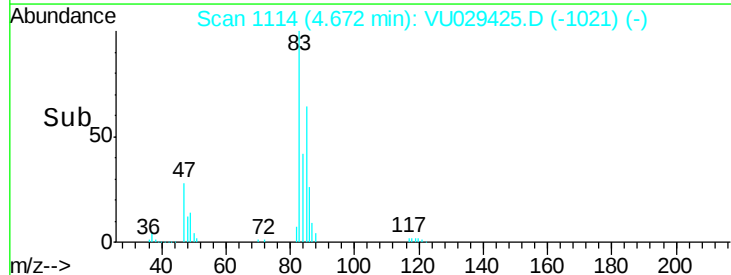
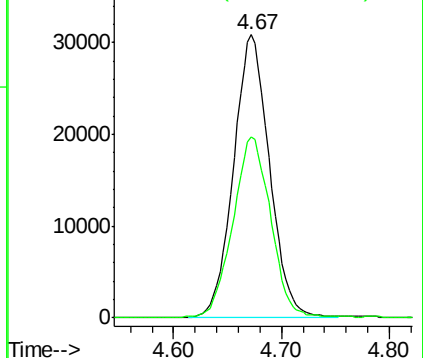
#25

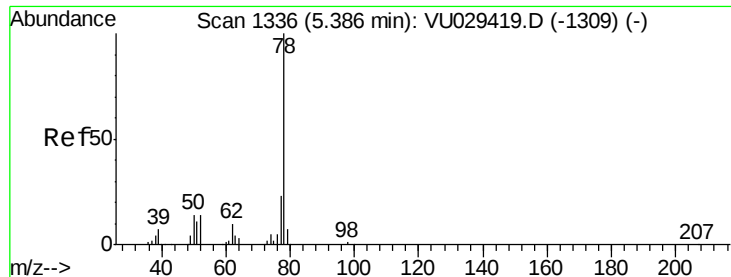
Chloroform
 Concen: 2.744 ug/L
 RT: 4.67 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: VU029425.D
 Acq: 12 Feb 2019 17:19

Tgt Ion: 83 Resp: 71801
 Ion Ratio Lower Upper
 83 100
 85 64.0 47.8 88.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#33

Benzene

Concen: 0.307 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU029425.D

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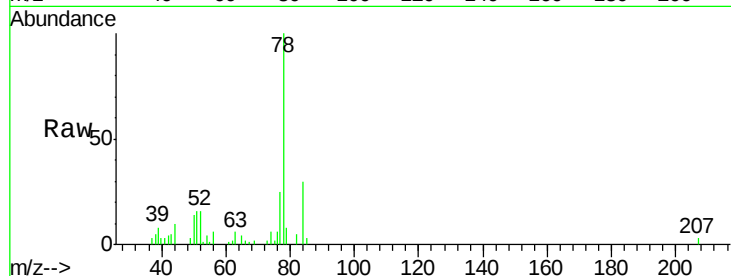
Instrument :

MSVOA_U

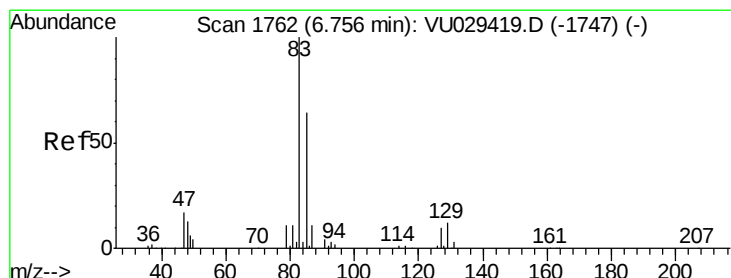
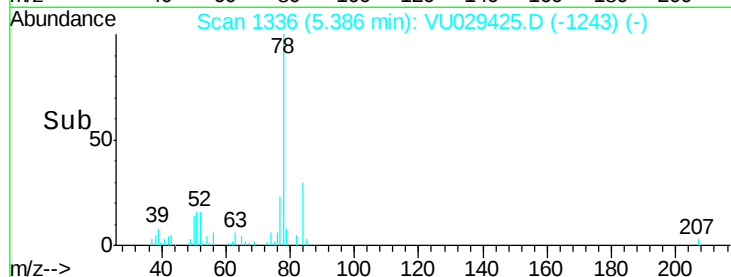
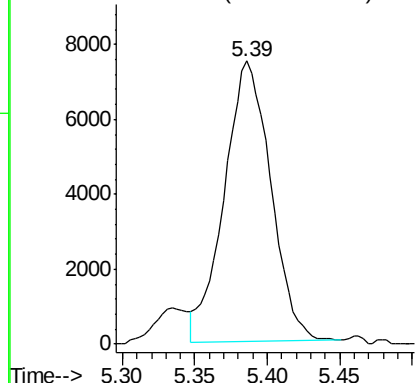
ClientSampled :

ESXA6

Tgt Ion: 78 Resp: 16656



Abundance Ion 78.10 (77.80 to 78.80): VU0



#38

Bromodichloromethane

Concen: 0.242 ug/L

RT: 6.76 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VU029425.D

Acq: 12 Feb 2019 17:19

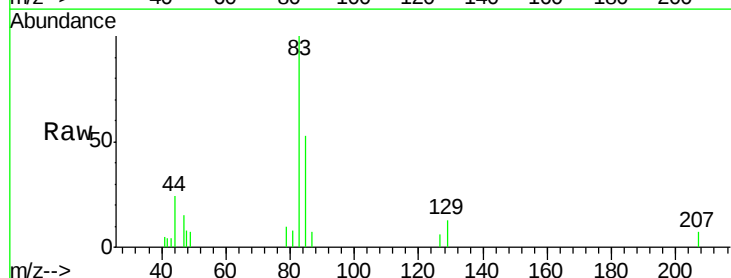
Tgt Ion: 83 Resp: 4351

Ion Ratio Lower Upper

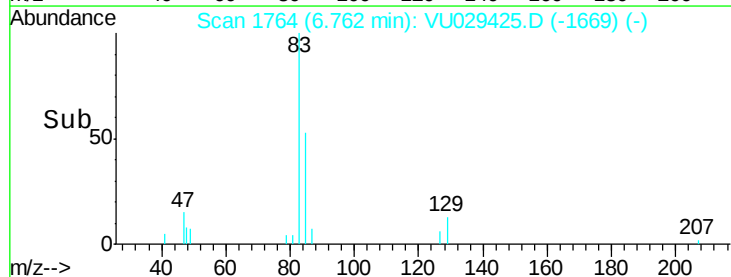
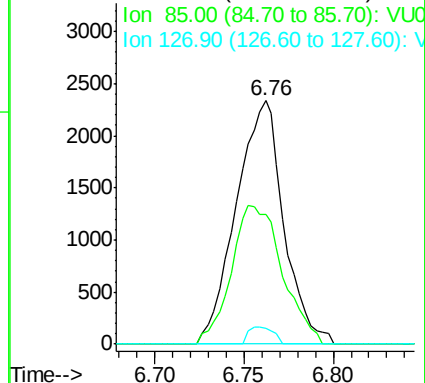
83 100

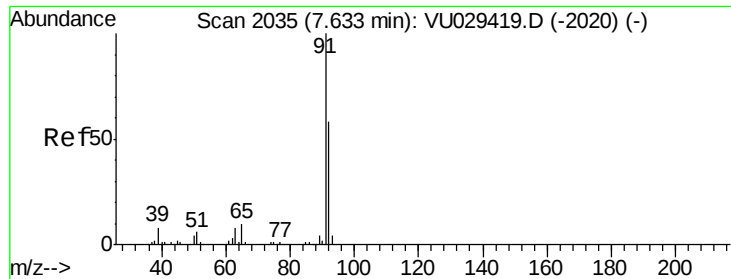
85 53.1 45.1 83.7

127 6.4 7.8 11.8#



Abundance Ion 82.95 (82.65 to 83.65): VU0





#42

Toluene

Concen: 0.250 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029425.D

Acq: 12 Feb 2019 17:19

Instrument :

MSVOA_U

ClientSampleId :

ESXA6

Tot Ion: 91 Resp: 15269

Ion Ratio Lower Upper

91 100

92 53.1 39.8 73.8

