

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031091.D
 Acq On : 11 Apr 2019 23:51
 Operator : JC/SP
 Sample : K2340-21ME
 Misc : 5.57g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2S7ME

Quant Time: Apr 12 04:51:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	460155	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	461309	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217383	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	153264	37.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.62%
7) Chloroethane-d5	1.70	69	190	0.06	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.12%#
11) 1,1-Dichloroethene-d2	2.23	63	234624	31.58	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.16%
21) 2-Butanone-d5	4.18	46	344406	105.79	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.79%
24) Chloroform-d	4.64	84	299786	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	5.30	65	216925	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
32) Benzene-d6	5.33	84	618620	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
36) 1,2-Dichloropropane-d6	6.32	67	214779	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.08%
41) Toluene-d8	7.56	98	512586	42.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.88%
43) trans-1,3-Dichloropropene-	7.85	79	92428	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.84%
47) 2-Hexanone-d5	8.32	63	229924	109.00	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	346339	55.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	221170	51.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.46%

Target Compounds

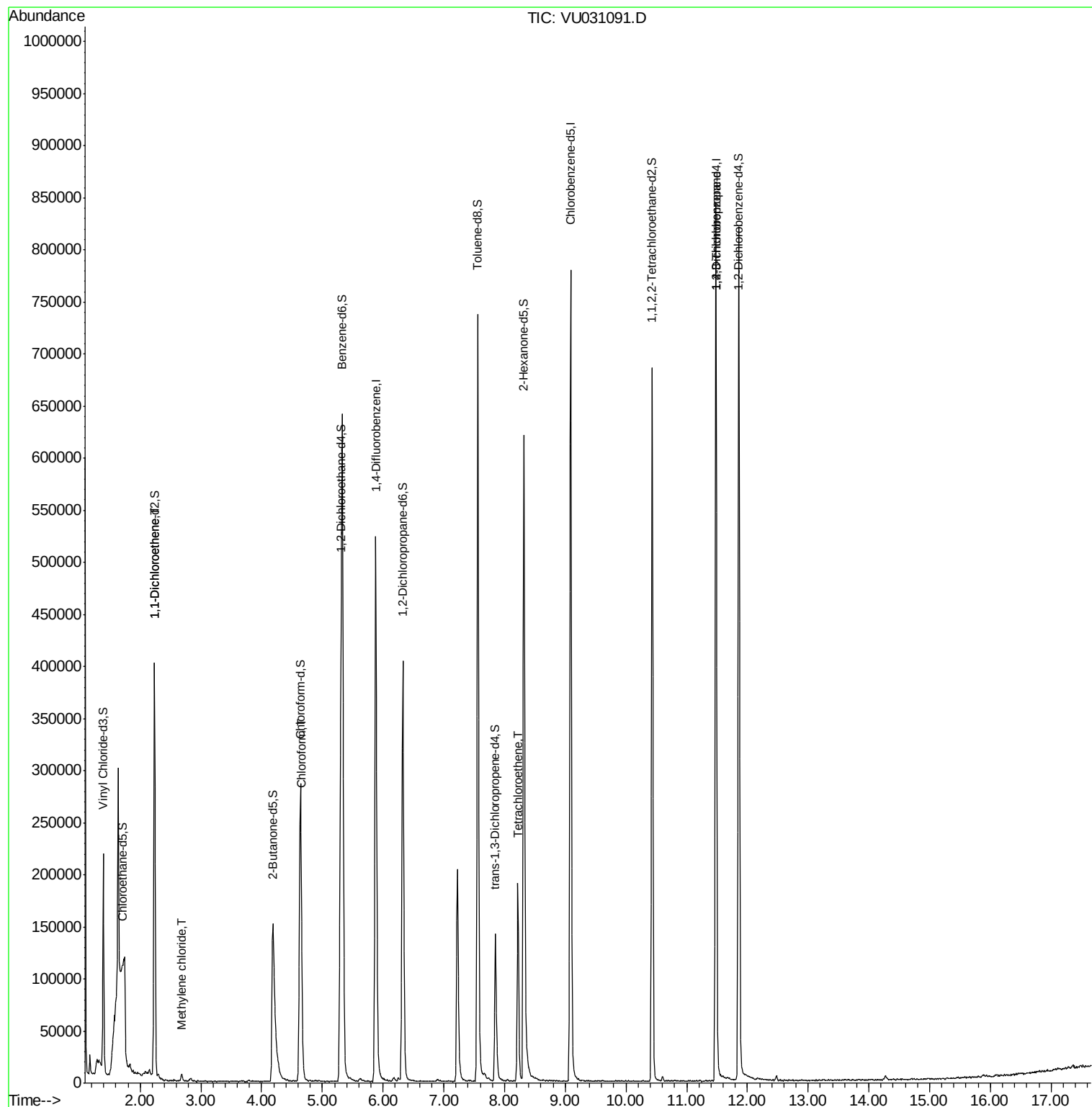
					Ovalue
12) 1,1-Dichloroethene	2.24	96	2781	0.874 ug/L #	1
16) Methylene chloride	2.68	84	2609	0.675 ug/L	88
25) Chloroform	4.66	83	10193	1.455 ug/L	88
46) Tetrachloroethene	8.22	164	43919	16.315 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	27126	5.299 ug/L	90

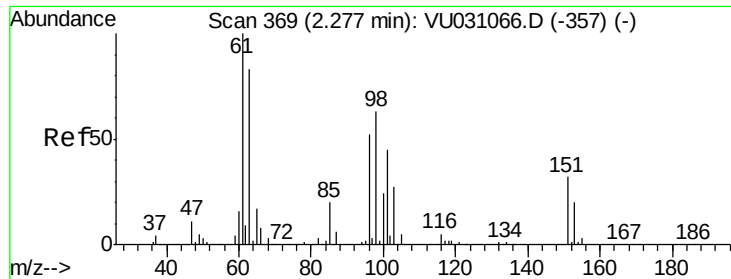
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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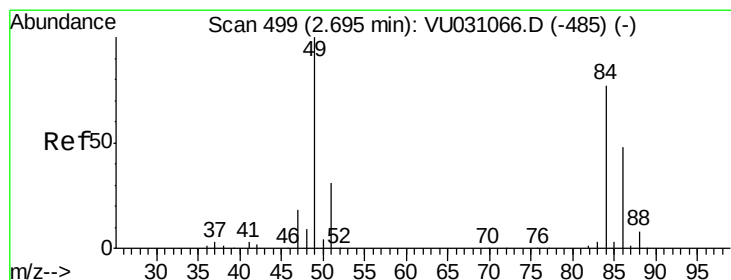
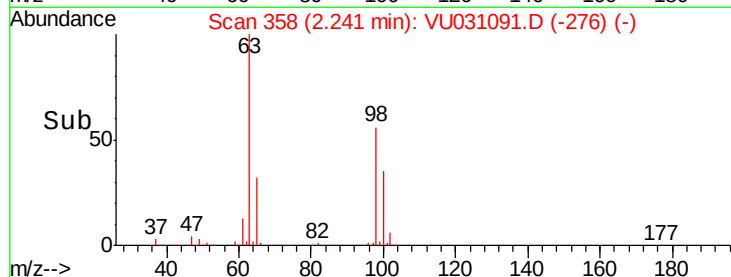
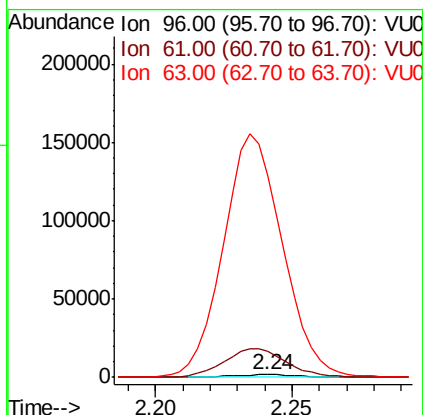
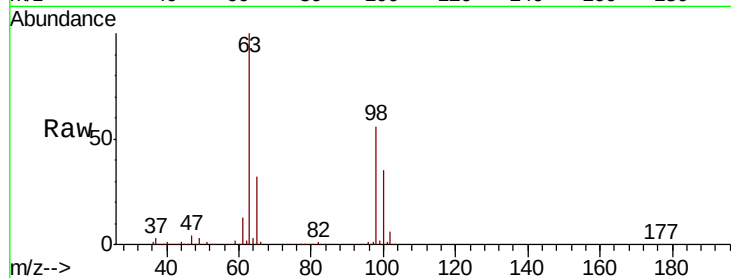




#12
 1,1-Dichloroethene
 Concen: 0.874 ug/L
 RT: 2.24 min Scan# 358
 Delta R.T. -0.04 min
 Lab File: VU031091.D
 Acq: 11 Apr 2019 23:51

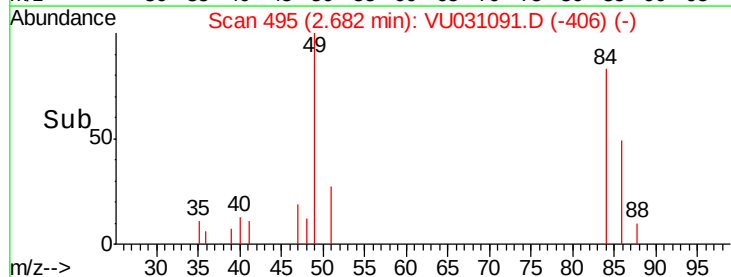
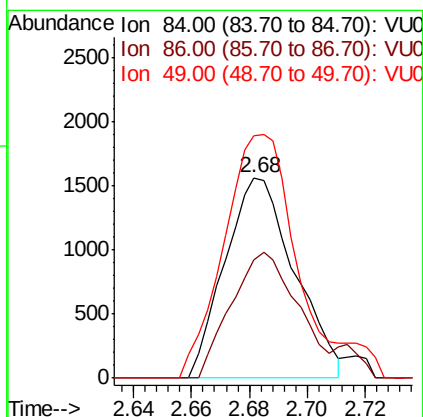
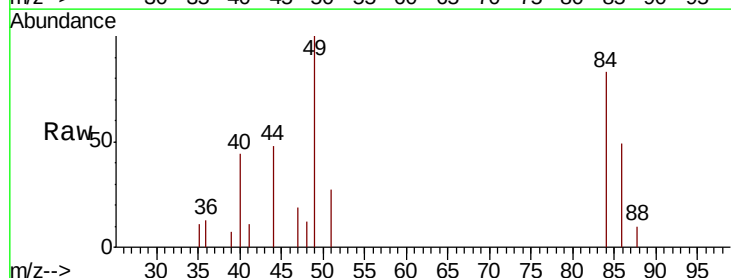
Instrument :
 MSVOA_U
 ClientSampleId :
 BF2S7ME

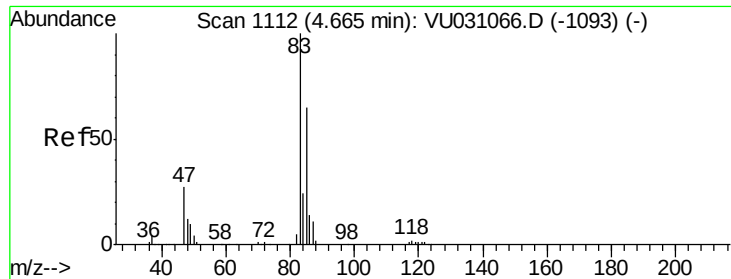
Tot Ion: 96 Resp: 2781
 Ion Ratio Lower Upper
 96 100
 61 917.9 132.0 245.2#
 63 7246.3 90.9 168.9#



#16
 Methylene chloride
 Concen: 0.675 ug/L
 RT: 2.68 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VU031091.D
 Acq: 11 Apr 2019 23:51

Tgt Ion: 84 Resp: 2609
 Ion Ratio Lower Upper
 84 100
 86 59.1 45.1 83.7
 49 120.9 96.5 179.1

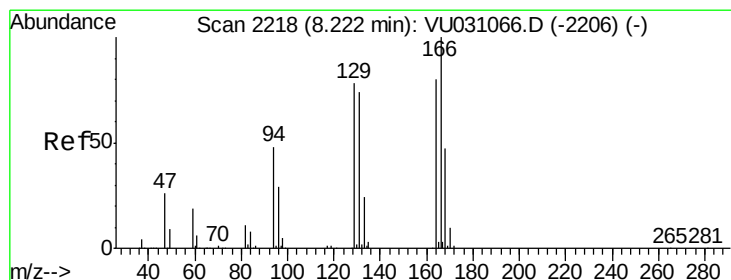
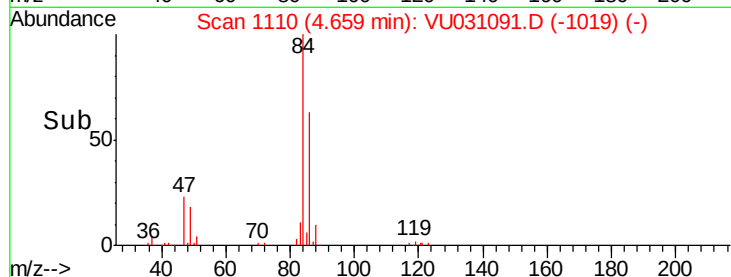
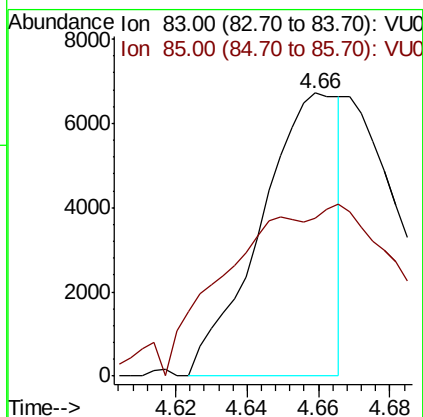
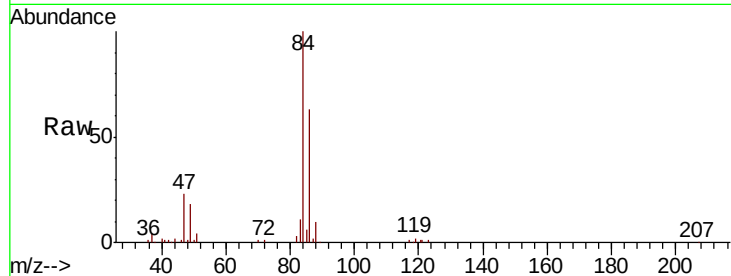




#25
Chloroform
Concen: 1.455 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VU031091.D
Acq: 11 Apr 2019 23:51

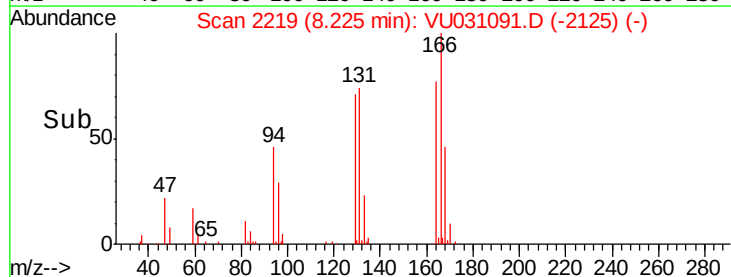
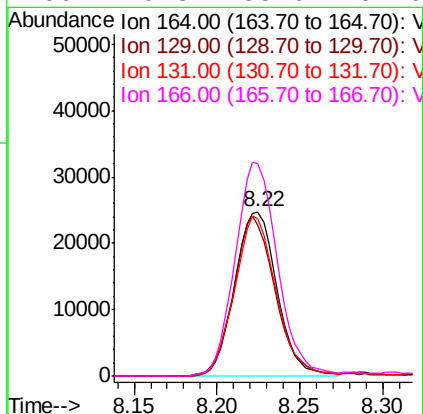
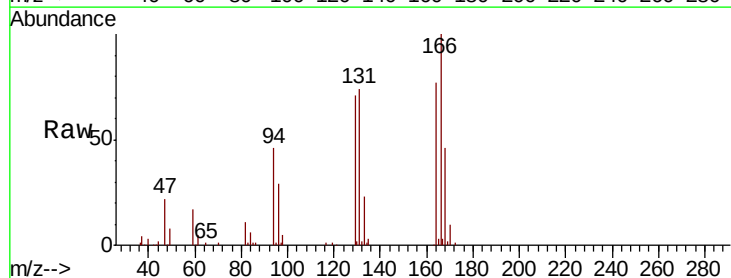
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MSVOA_U
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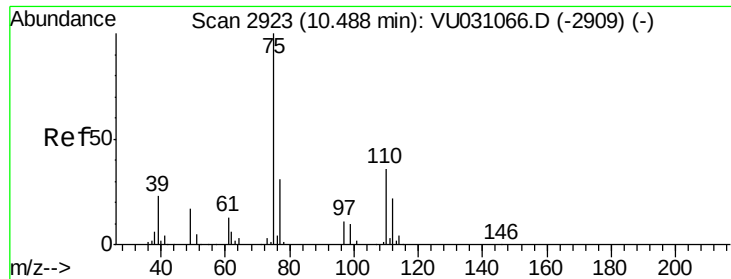
Tot Ion: 83 Resp: 10193
Ion Ratio Lower Upper
83 100
85 55.6 45.8 85.0



#46
Tetrachloroethene
Concen: 16.315 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031091.D
Acq: 11 Apr 2019 23:51

Tgt Ion:164 Resp: 43919
Ion Ratio Lower Upper
164 100
129 92.2 67.4 125.2
131 95.9 65.9 122.5
166 129.3 88.6 164.6





#59

1,2,3-Trichloropropane

Concen: 5.299 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031091.D

Acq: 11 Apr 2019 23:51

Instrument :

MSVOA_U

ClientSampleId :

BF2S7ME

Tot Ion: 75 Resp: 27126

Ion Ratio Lower Upper

75 100

77 38.0 26.1 39.1

