

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\
 Data File : VU031740.D
 Acq On : 03 May 2019 11:25
 Operator : JC/SP
 Sample : K2661-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B33

Manual Integrations
 APPROVED

MMDadoda
 5/6/2019 11:42:57 AM

Quant Time: May 06 11:51:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 04 02:35:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	835577	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	775997	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	311036	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	369250	52.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.60%
7) Chloroethane-d5	1.68	69	285563	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.68%
11) 1,1-Dichloroethene-d2	2.27	63	527278	37.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.72%
21) 2-Butanone-d5	4.18	46	660416	104.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.23%
24) Chloroform-d	4.64	84	584383	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
26) 1,2-Dichloroethane-d4	5.31	65	404022	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
32) Benzene-d6	5.34	84	1231288	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.34%
36) 1,2-Dichloropropane-d6	6.33	67	425564	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.52%
41) Toluene-d8	7.56	98	1038101	50.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.04%
43) trans-1,3-Dichloropropene-	7.85	79	176368	49.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.02%
47) 2-Hexanone-d5	8.31	63	412517	113.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	535858	47.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.26%
64) 1,2-Dichlorobenzene-d4	11.85	152	334493	51.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.28%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	74461	10.219 ug/L	97
34) Trichloroethene	6.18	95	113608	16.427 ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	6062m	0.908 ug/L	
46) Tetrachloroethene	8.22	164	307455	65.211 ug/L	96

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

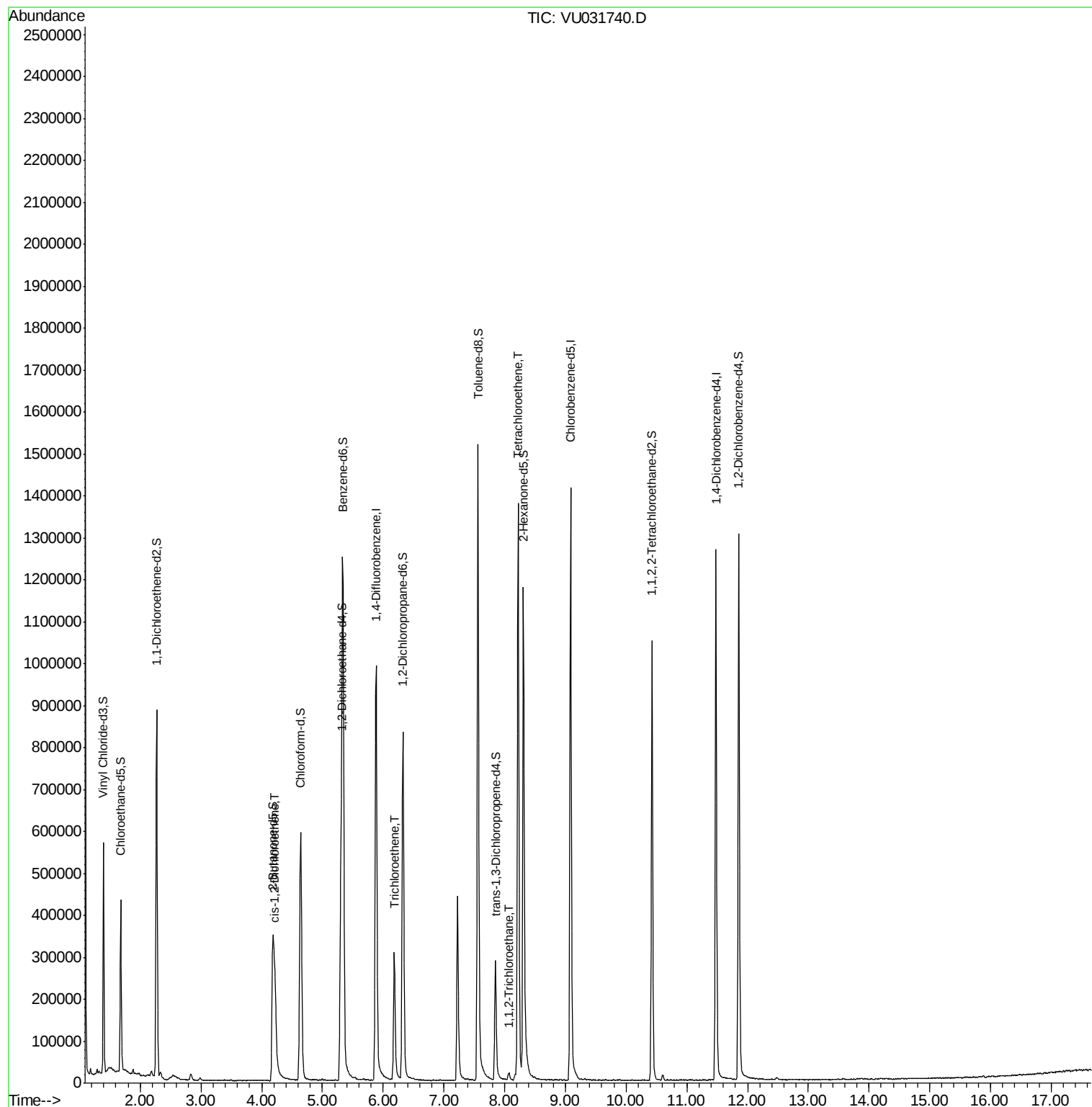
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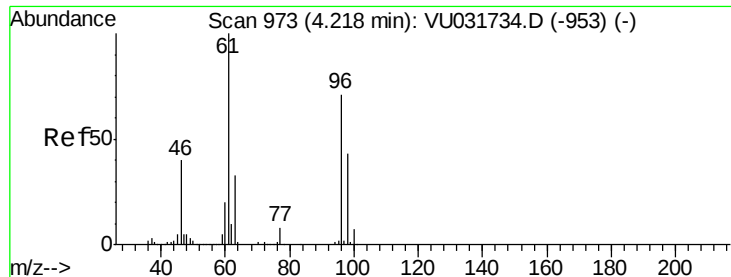
Instrument :
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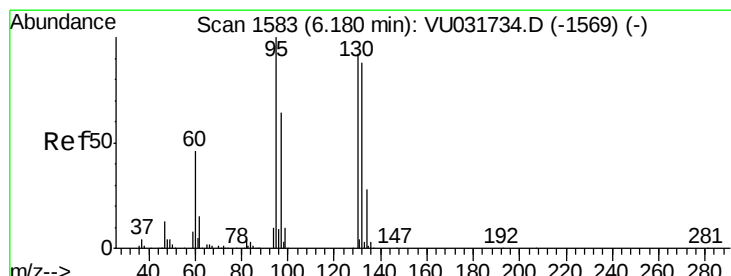
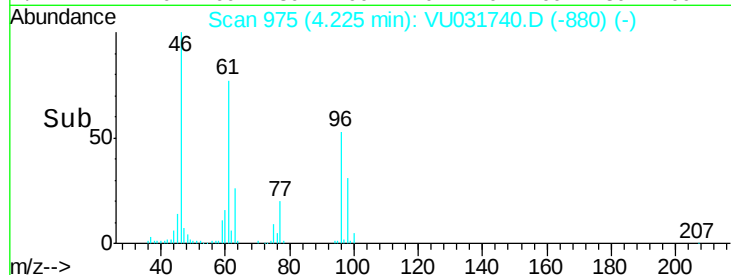
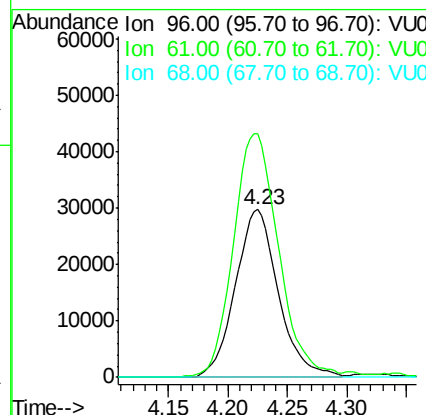
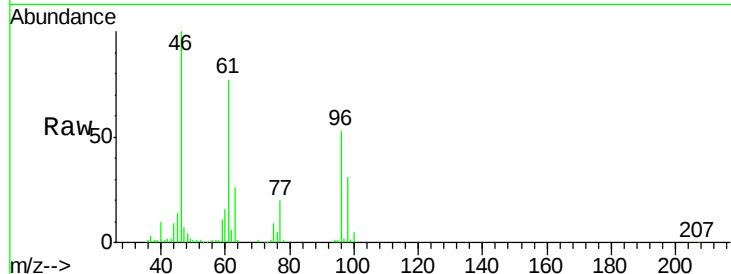
#20
 cis-1,2-Dichloroethene
 Concen: 10.219 ug/L
 RT: 4.23 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU031740.D
 Acq: 03 May 2019 11:25

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B33

Tot Ion:	96	Resp:	74461
Ion	Ratio	Lower	Upper
96	100		
61	145.3	99.5	184.7
68	0.0	0.0	0.0

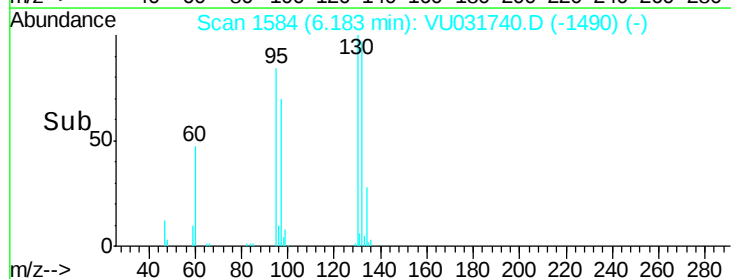
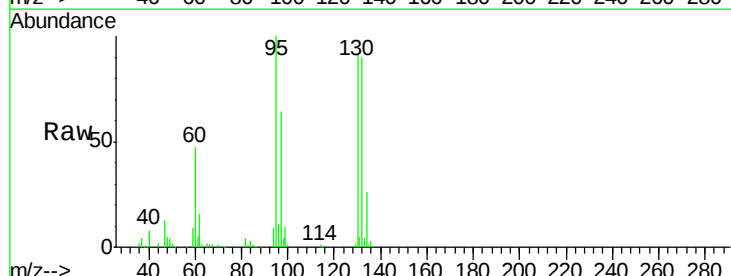
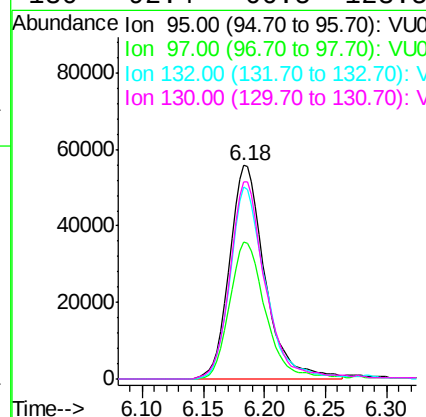
Manual Integrations
 APPROVED

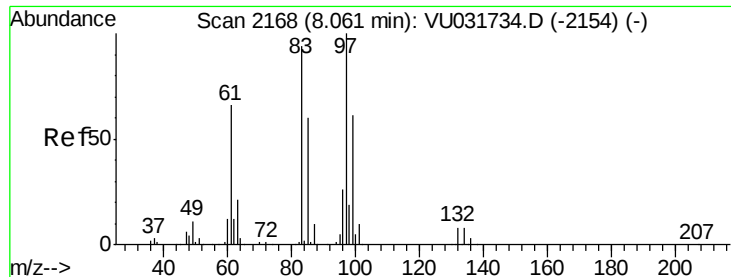
MMDadoda
 5/6/2019 11:42:57 AM



#34
 Trichloroethene
 Concen: 16.427 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031740.D
 Acq: 03 May 2019 11:25

Tgt Ion:	95	Resp:	113608
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.8	83.2
132	89.9	63.1	117.1
130	92.4	66.5	123.5





#45

1,1,2-Trichloroethane

Concen: 0.908 ug/L m

RT: 8.06 min Scan# 2169

Delta R.T. 0.00 min

Lab File: VU031740.D

Acq: 03 May 2019 11:25

Instrument :

MSVOA_U

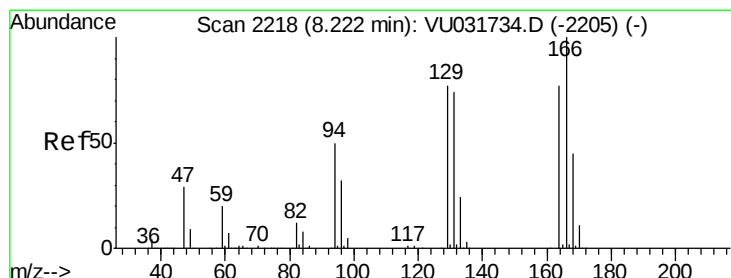
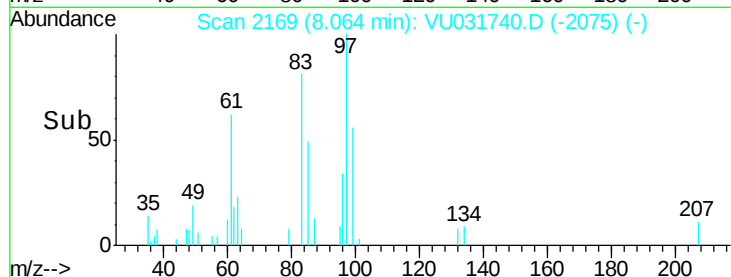
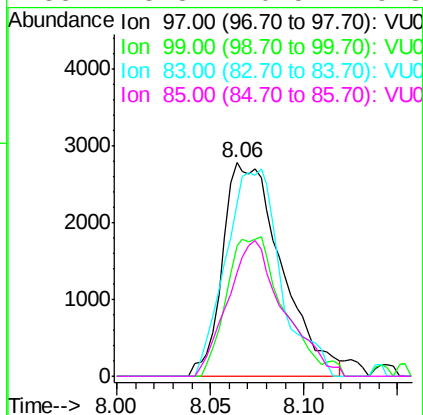
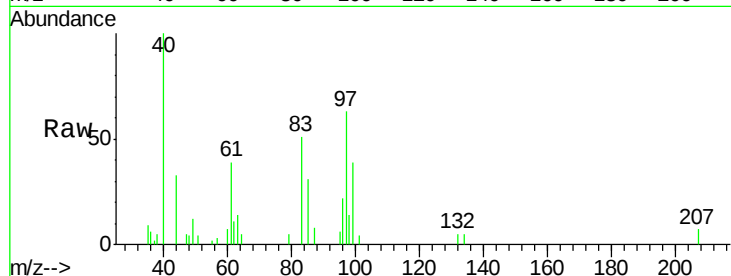
ClientSampleId :

C0B33

Tot Ion:	97	Resp:	6062
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.0	80.0
83	80.7	63.6	118.2
85	48.8	40.5	75.3

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#46

Tetrachloroethene

Concen: 65.211 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031740.D

Acq: 03 May 2019 11:25

Tgt Ion:	164	Resp:	307455
Ion	Ratio	Lower	Upper
164	100		
129	97.4	71.5	132.9
131	96.5	69.0	128.2
166	128.1	93.7	173.9

