

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031547.D
 Acq On : 26 Apr 2019 21:56
 Operator : JC/SP
 Sample : K2536-19 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X07

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 10:20:29 AM

Quant Time: Apr 27 03:40:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 03:26:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	867032	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	798744	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	323124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	367241	50.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.22%
7) Chloroethane-d5	1.68	69	291193m	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.86%
11) 1,1-Dichloroethene-d2	2.27	63	532770m	36.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.74%
21) 2-Butanone-d5	4.19	46	675488	102.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.74%
24) Chloroform-d	4.64	84	616921	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	5.31	65	406174	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
32) Benzene-d6	5.34	84	1265638	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.32	67	441703	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.38%
41) Toluene-d8	7.56	98	1079539	50.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.06%
43) trans-1,3-Dichloropropene-	7.85	79	180612	48.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.52%
47) 2-Hexanone-d5	8.31	63	429173	114.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	566643	48.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	360656	53.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.14%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	6627	0.876 ug/L	92
34) Trichloroethene	6.18	95	239924	33.704 ug/L	98
46) Tetrachloroethene	8.22	164	5304	1.093 ug/L	91

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

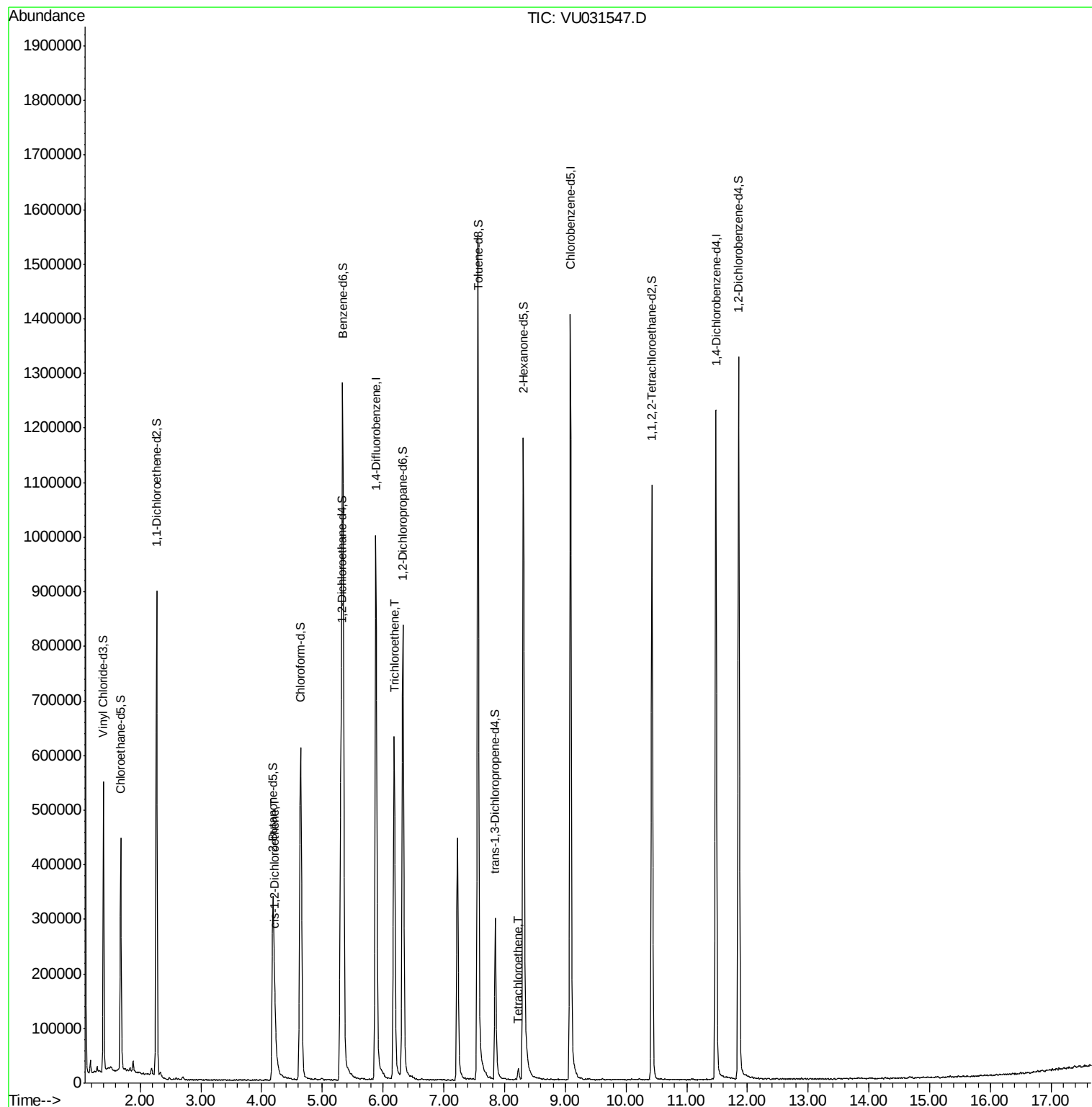
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042719\
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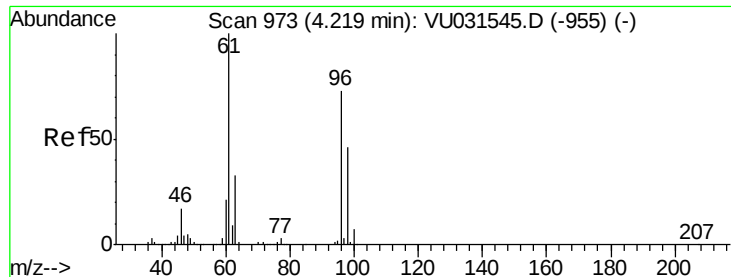
Instrument :
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Quant Title : VOC Analysis
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#20

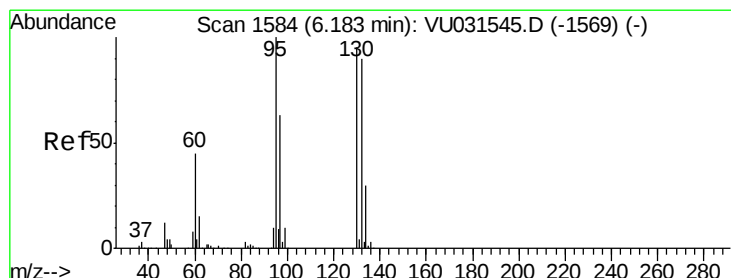
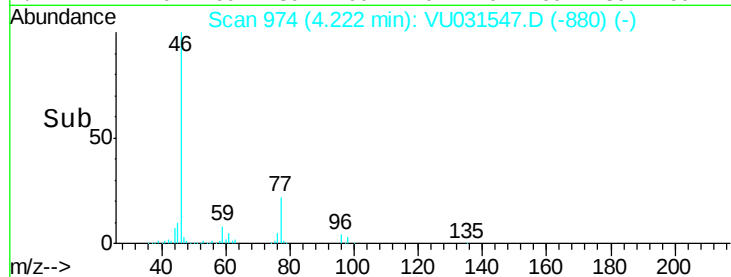
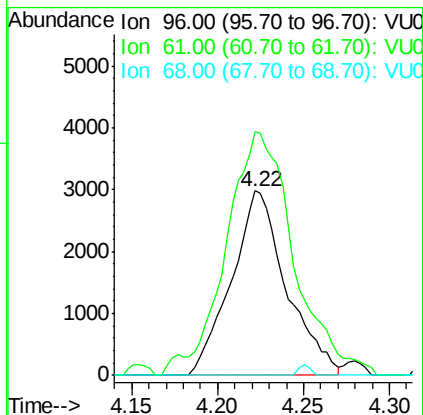
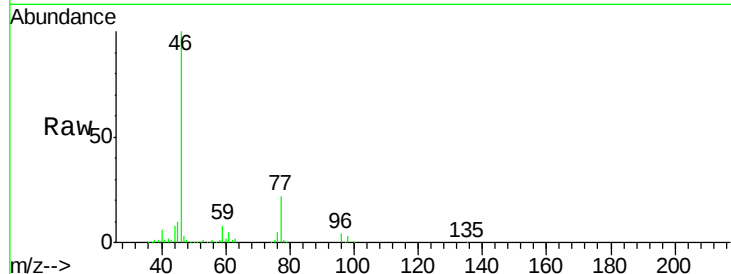
cis-1,2-Dichloroethene
Concen: 0.876 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU031547.D
Acq: 26 Apr 2019 21:56

Instrument :
MSVOA_U
ClientSampled :
C0X07

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.9	99.5	184.7
68	0.0	0.0	0.0

Manual Integrations
APPROVED

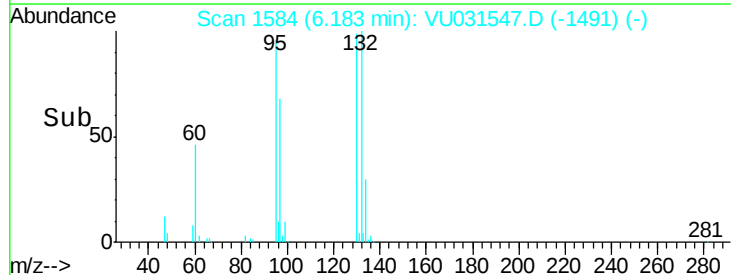
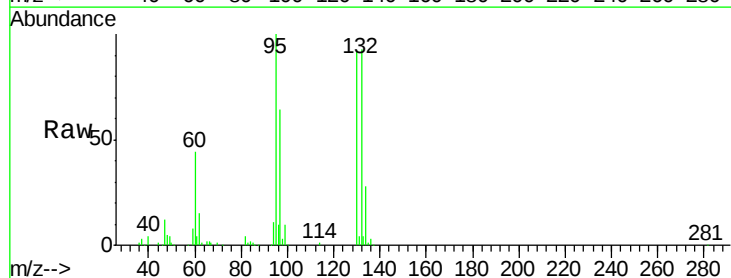
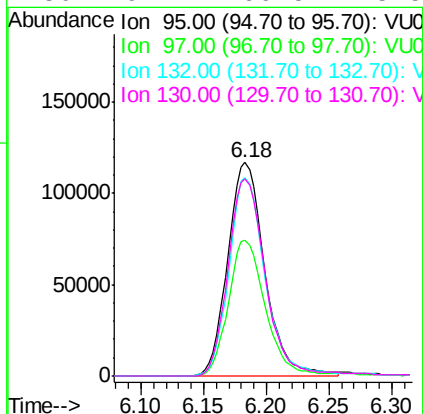
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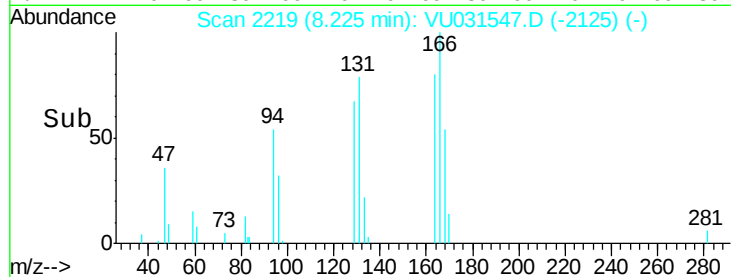
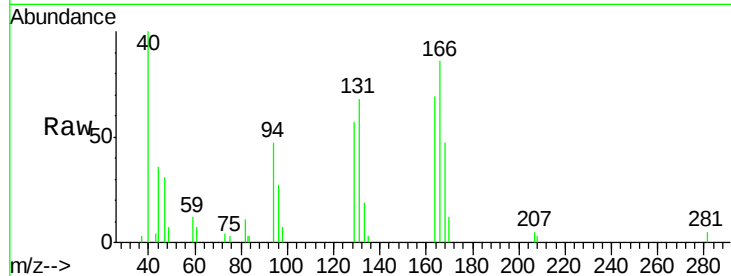
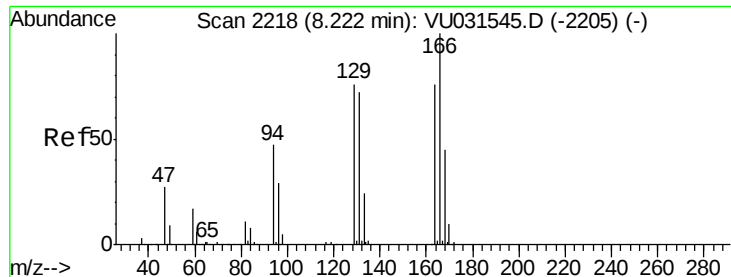


#34

Trichloroethene
Concen: 33.704 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031547.D
Acq: 26 Apr 2019 21:56

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.8	83.2
132	92.9	63.1	117.1
130	92.4	66.5	123.5





#46

Tetrachloroethene

Concen: 1.093 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031547.D

Acq: 26 Apr 2019 21:56

Tot Ion:	164	Resp:	5304
Ion Ratio	Lower	Upper	
164	100		
129	83.7	71.5	132.9
131	98.7	69.0	128.2
166	125.2	93.7	173.9

Instrument :
MSVOA_U
ClientSampleId :
C0X07

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