

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031542.D
 Acq On : 26 Apr 2019 19:13
 Operator : JC/SP
 Sample : K2590-13 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB9

Manual Integrations
 APPROVED

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 4/29/2019 10:53:14 AM

Quant Time: Apr 27 03:18:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:11:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	860378	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	805552	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	322867	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	389473	54.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.18%
7) Chloroethane-d5	1.68	69	292775	52.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.22%
11) 1,1-Dichloroethene-d2	2.27	63	546527m	38.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.22%
21) 2-Butanone-d5	4.18	46	668199	102.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.42%
24) Chloroform-d	4.64	84	613976	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	5.31	65	403764	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
32) Benzene-d6	5.34	84	1304171	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.44%
36) 1,2-Dichloropropane-d6	6.33	67	447456	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.84%
41) Toluene-d8	7.56	98	1106593	51.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.72%
43) trans-1,3-Dichloropropene-	7.85	79	180944	48.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.88%
47) 2-Hexanone-d5	8.31	63	437917	116.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	566403	48.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	369462	54.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.82%

Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	11659	0.956 ug/L	99
34) Trichloroethene	6.19	95	13694	1.907 ug/L	95
46) Tetrachloroethene	8.22	164	33438	6.832 ug/L	91

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

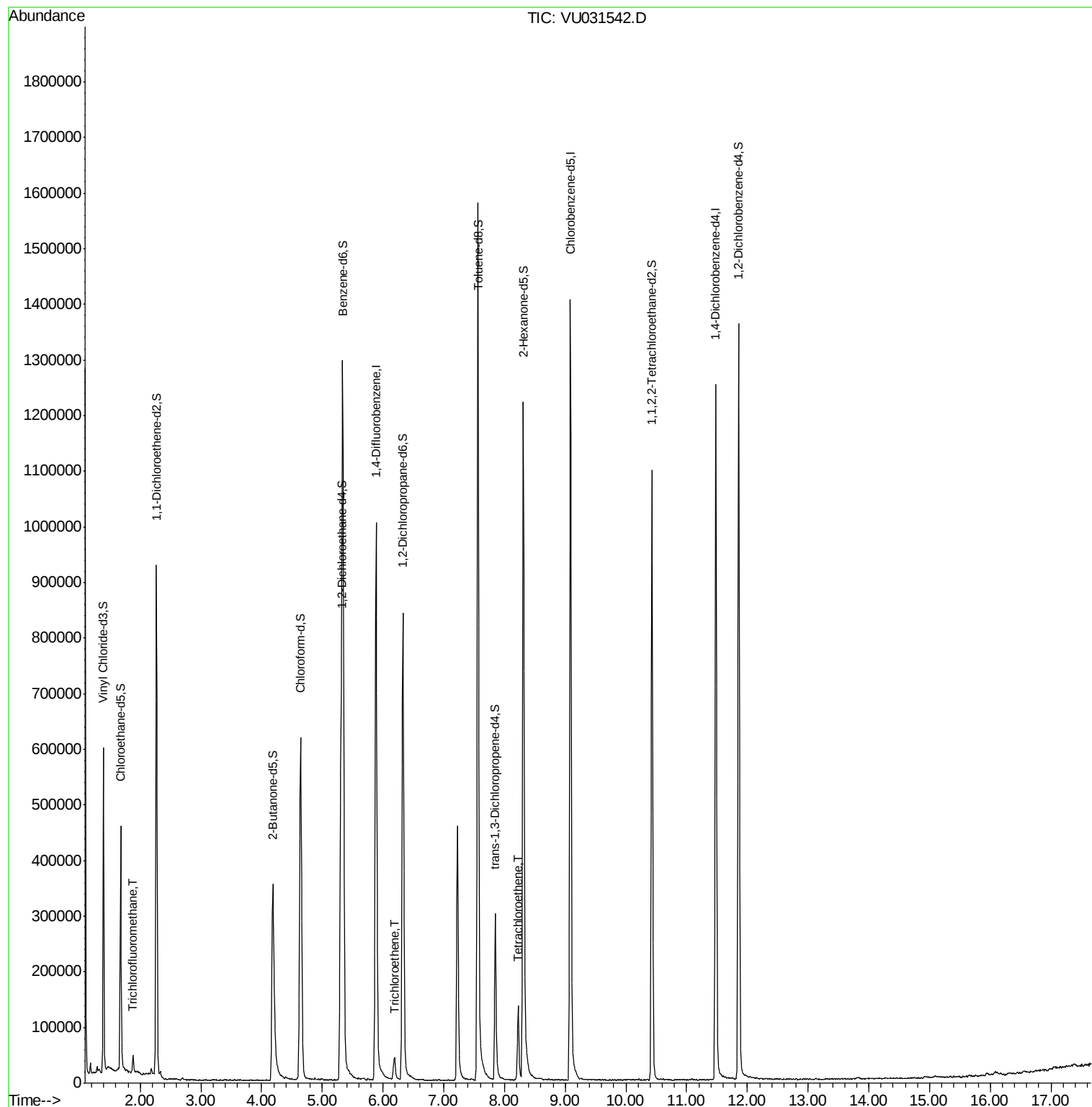
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042719\
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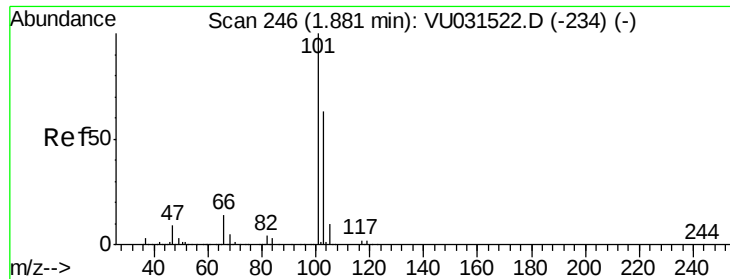
Instrument :
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#9

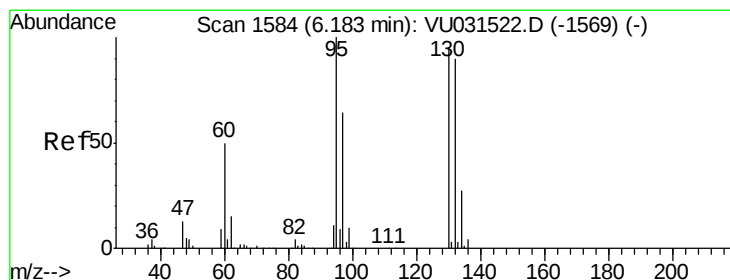
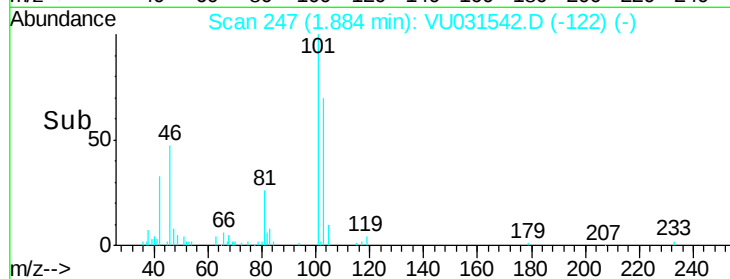
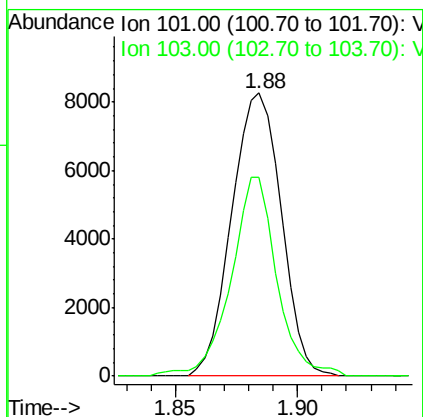
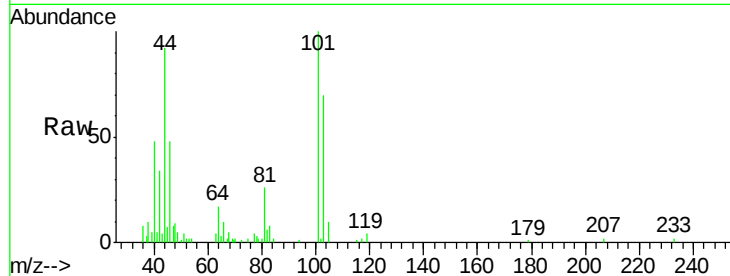
Trichlorofluoromethane
Concen: 0.956 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU031542.D
Acq: 26 Apr 2019 19:13

Instrument :
MSVOA_U
ClientSampleId :
C0XB9

Tot Ion:101 Resp: 11659
Ion Ratio Lower Upper
101 100
103 64.1 50.8 76.2

Manual Integrations
APPROVED

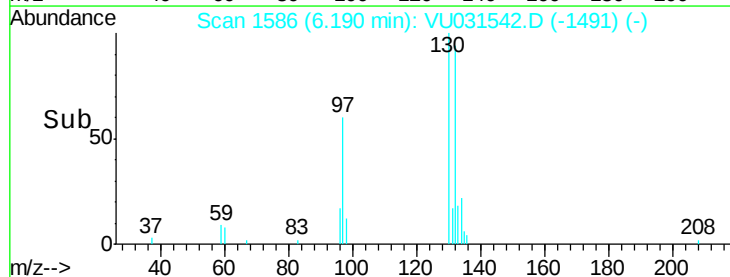
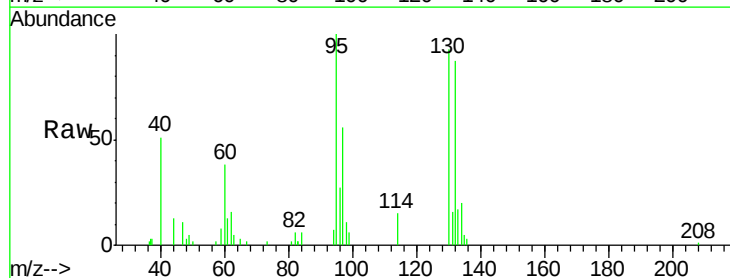
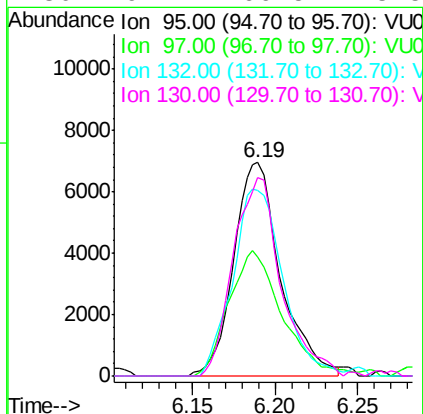
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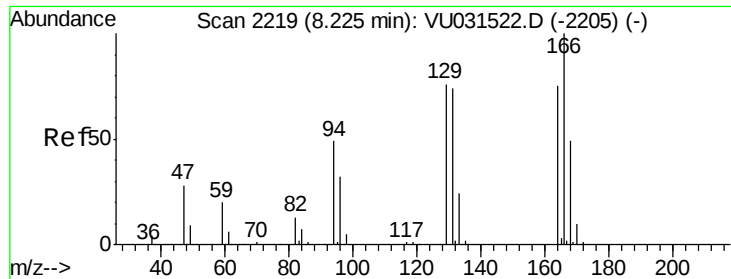


#34

Trichloroethene
Concen: 1.907 ug/L
RT: 6.19 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VU031542.D
Acq: 26 Apr 2019 19:13

Tgt Ion: 95 Resp: 13694
Ion Ratio Lower Upper
95 100
97 56.0 44.8 83.2
132 86.7 63.1 117.1
130 92.7 66.5 123.5





#46
Tetrachloroethene
Concen: 6.832 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031542.D
Acq: 26 Apr 2019 19:13

Instrument :
MSVOA_U
ClientSampleId :
C0XB9

Tot Ion	Ratio	Lower	Upper
164	100		
129	101.6	71.5	132.9
131	87.3	69.0	128.2
166	118.2	93.7	173.9

Manual Integrations
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