

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031535.D
 Acq On : 26 Apr 2019 16:06
 Operator : JC/SP
 Sample : K2586-18 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X62

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 10:52:45 AM

Quant Time: Apr 27 01:57:15 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	887751	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	836706	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	373975	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	378983	51.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.02%
7) Chloroethane-d5	1.68	69	299925	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.48%
11) 1,1-Dichloroethene-d2	2.27	63	547241m	36.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.98%
21) 2-Butanone-d5	4.18	46	676079	100.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.43%
24) Chloroform-d	4.64	84	620577	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
26) 1,2-Dichloroethane-d4	5.31	65	411613	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.60%
32) Benzene-d6	5.34	84	1301830	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
36) 1,2-Dichloropropane-d6	6.32	67	444146	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.26%
41) Toluene-d8	7.56	98	1155791	51.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.30%
43) trans-1,3-Dichloropropene-	7.85	79	196247	50.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.16%
47) 2-Hexanone-d5	8.31	63	466167	119.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	578428	47.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	396405	50.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	27145	2.156 ug/L	97
34) Trichloroethene	6.18	95	823481	110.432 ug/L	99
46) Tetrachloroethene	8.22	164	77443	15.234 ug/L	97

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

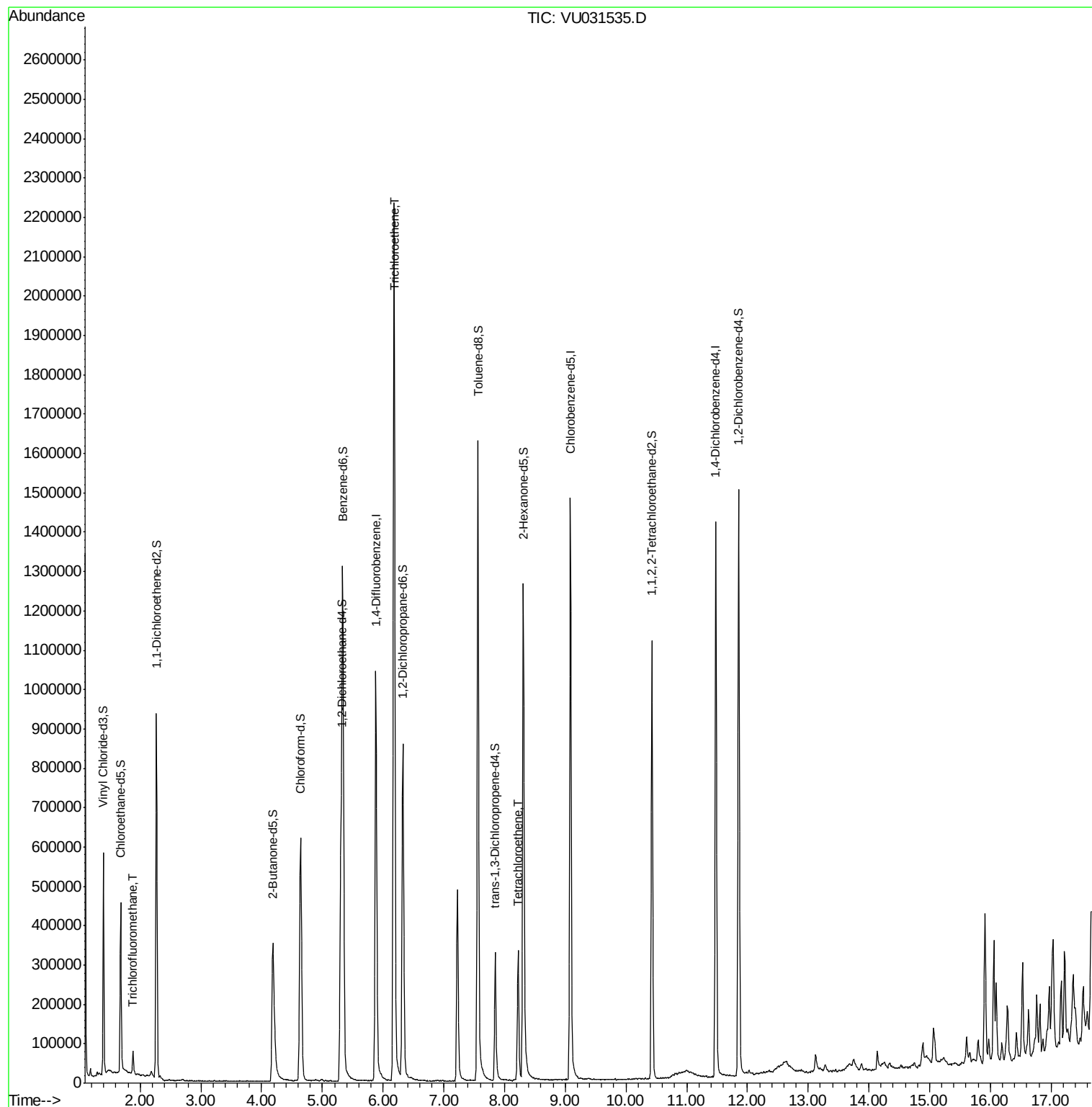
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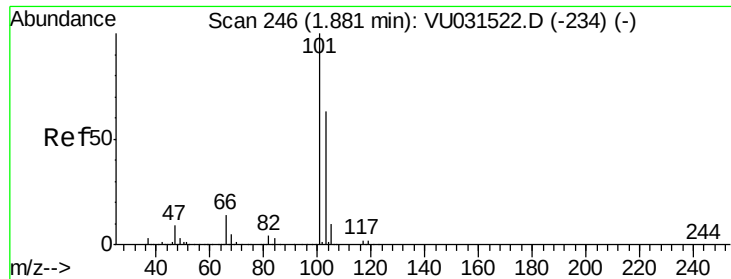
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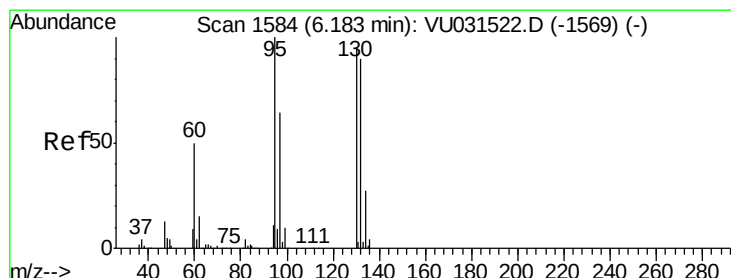
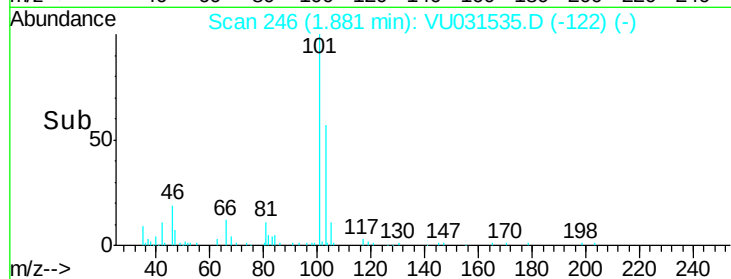
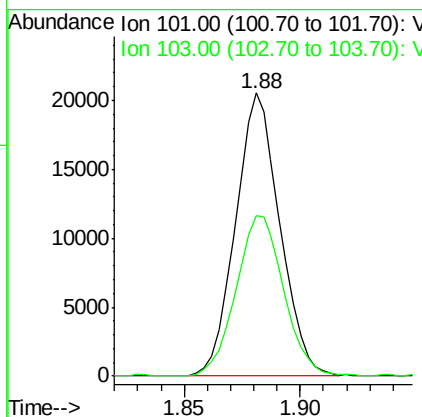
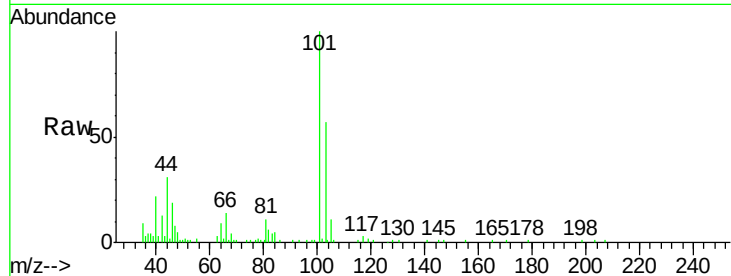
#9
Trichlorofluoromethane
Concen: 2.156 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU031535.D
Acq: 26 Apr 2019 16:06

Instrument :
MSVOA_U
ClientSampleId :
C0X62

Tot Ion:101 Resp: 27145
Ion Ratio Lower Upper
101 100
103 61.2 50.8 76.2

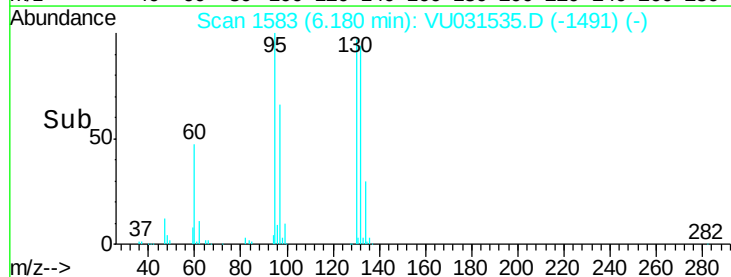
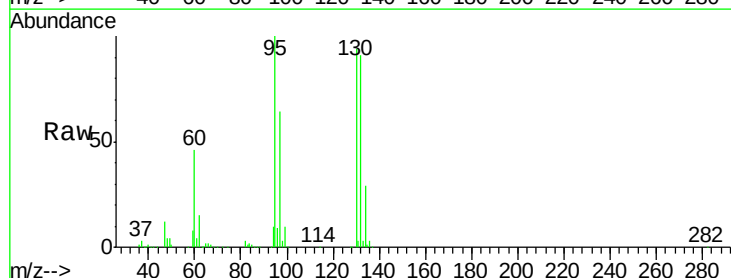
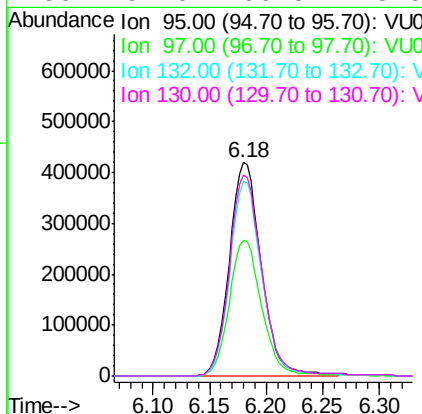
Manual Integrations
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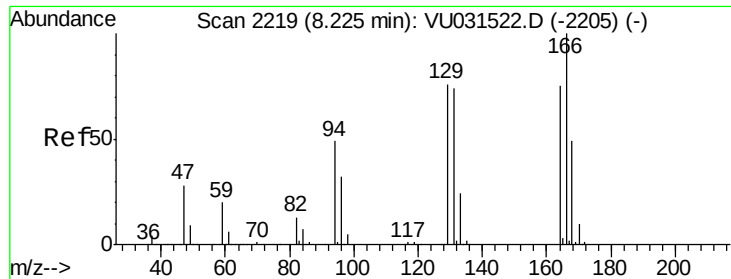
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#34
Trichloroethene
Concen: 110.432 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031535.D
Acq: 26 Apr 2019 16:06

Tgt Ion: 95 Resp: 823481
Ion Ratio Lower Upper
95 100
97 63.7 44.8 83.2
132 91.4 63.1 117.1
130 94.0 66.5 123.5





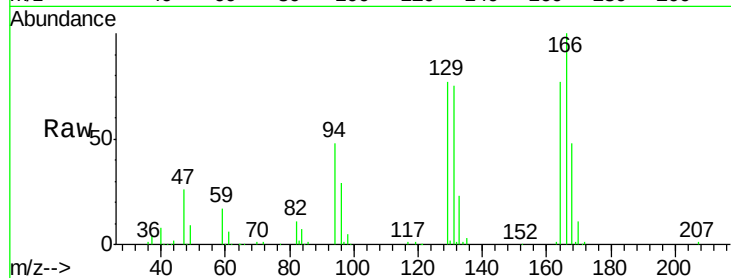
#46
Tetrachloroethene
Concen: 15.234 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031535.D
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Tot Ion	Ratio	Lower	Upper
164	100		
129	99.1	71.5	132.9
131	96.5	69.0	128.2
166	129.1	93.7	173.9

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Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

