

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031640.D
 Acq On : 30 Apr 2019 17:39
 Operator : JC/SP
 Sample : K2593-09DL 5000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X73DL

Manual Integrations
 APPROVED

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 5/1/2019 11:16:33 AM

Quant Time: May 01 02:53:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 01:38:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	689776	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	662313	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228991	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	308437	53.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.86%
7) Chloroethane-d5	1.68	69	227726	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.10%
11) 1,1-Dichloroethene-d2	2.26	63	448771m	39.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.08%
21) 2-Butanone-d5	4.19	46	501168	95.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.82%
24) Chloroform-d	4.64	84	518004	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
26) 1,2-Dichloroethane-d4	5.31	65	358543	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.82%
32) Benzene-d6	5.33	84	999498	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
36) 1,2-Dichloropropane-d6	6.32	67	362401	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.30%
41) Toluene-d8	7.56	98	789094	44.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.10%
43) trans-1,3-Dichloropropene-	7.85	79	134017	43.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.26%
47) 2-Hexanone-d5	8.31	63	271867	87.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	439142	45.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	228428	47.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.86%

Target Compounds					Ovalue
9) Trichlorofluoromethane	1.87	101	9667	0.988 ug/L	95
34) Trichloroethene	6.18	95	702647	119.039 ug/L	94
46) Tetrachloroethene	8.22	164	2816	0.700 ug/L	91

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

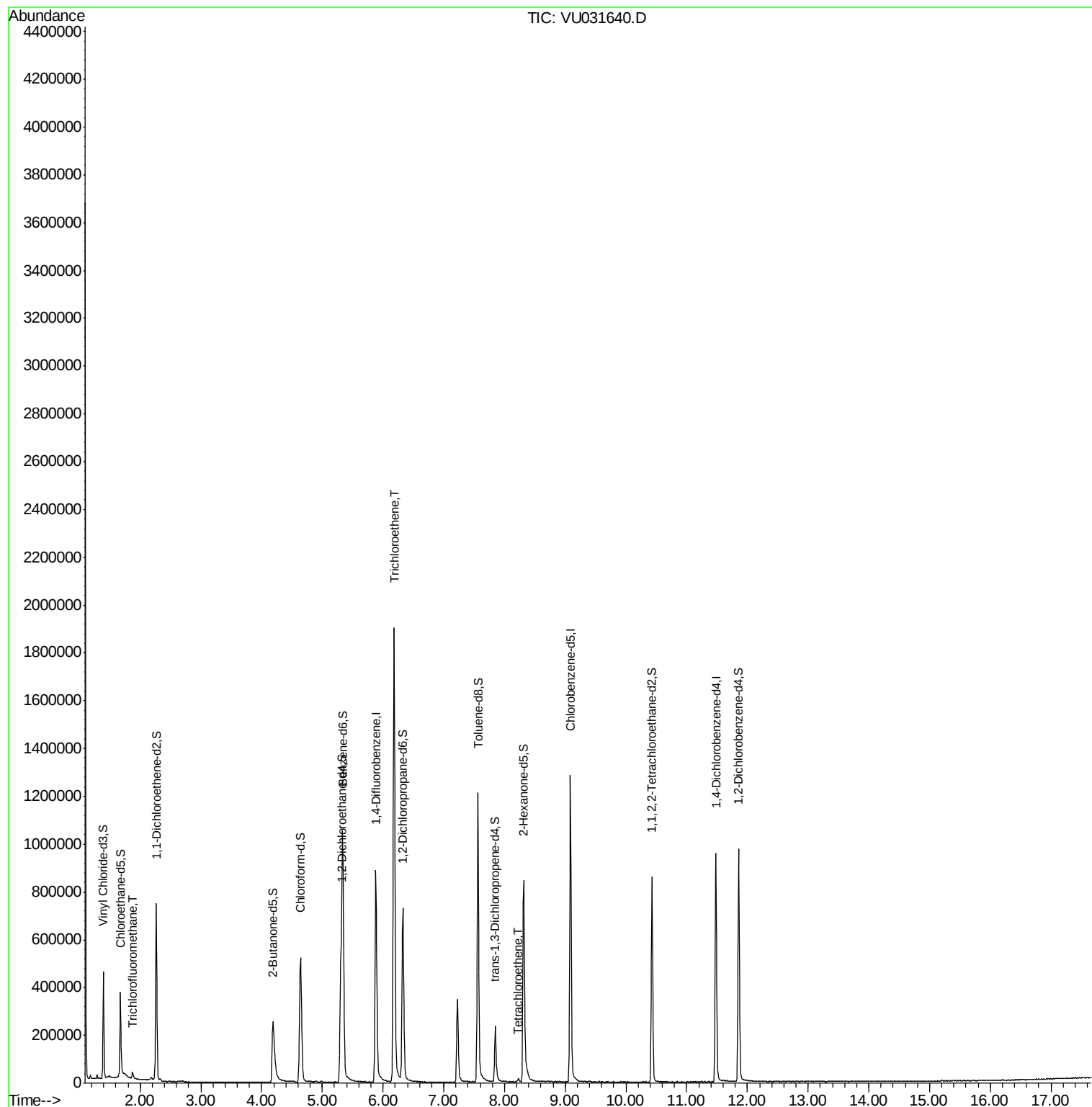
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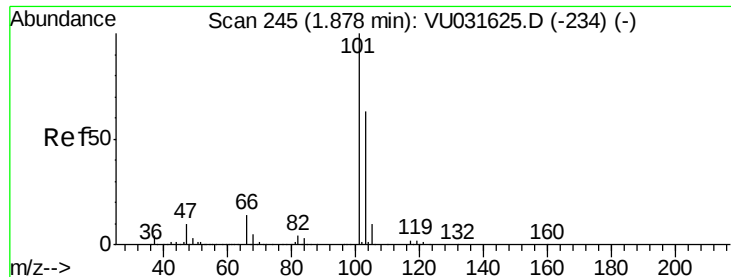
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#9

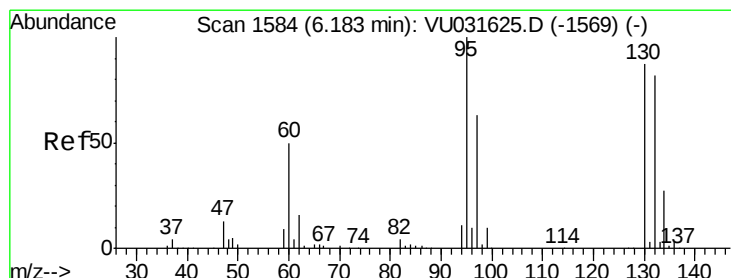
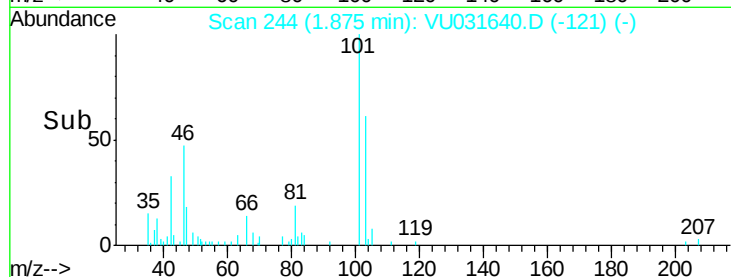
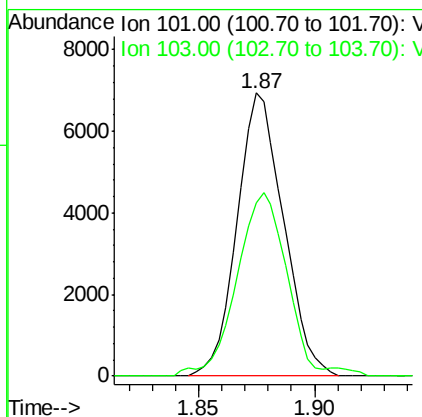
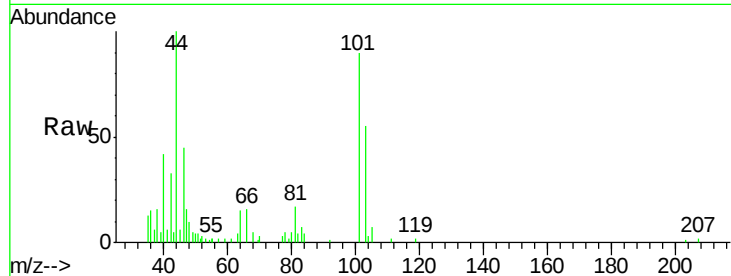
Trichlorofluoromethane
 Concen: 0.988 ug/L
 RT: 1.87 min Scan# 244
 Delta R.T. -0.00 min
 Lab File: VU031640.D
 Acq: 30 Apr 2019 17:39

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X73DL

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.8	50.8	76.2

Manual Integrations
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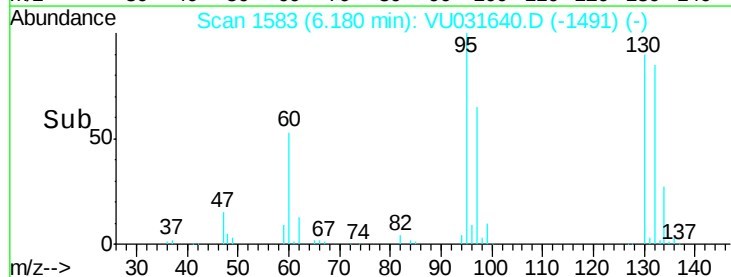
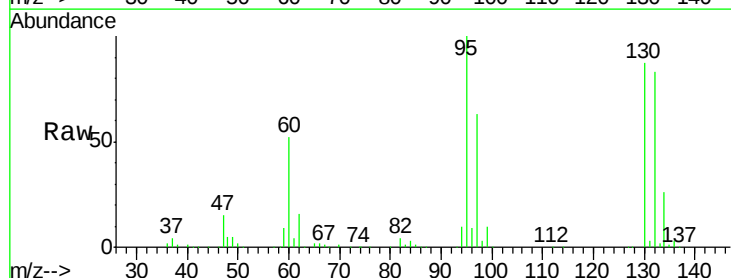
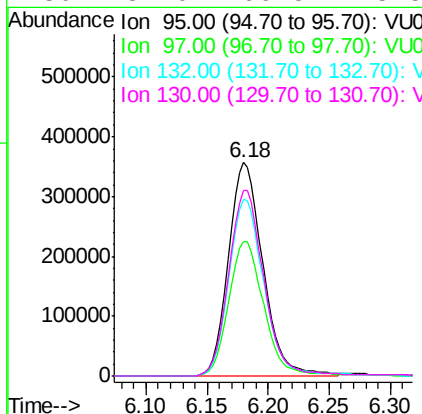
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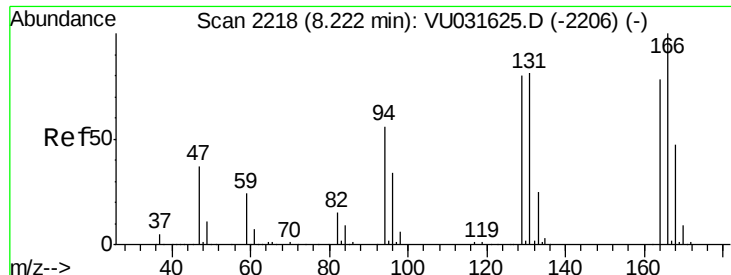


#34

Trichloroethene
 Concen: 119.039 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031640.D
 Acq: 30 Apr 2019 17:39

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.8	83.2
132	82.9	63.1	117.1
130	87.0	66.5	123.5





#46
 Tetrachloroethene
 Concen: 0.700 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031640.D
 Acq: 30 Apr 2019 17:39

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Tot Ion:	164	Resp:	2816
Ion	Ratio	Lower	Upper
164	100		
129	93.4	71.5	132.9
131	105.4	69.0	128.2
166	148.0	93.7	173.9

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