

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030664.D
 Acq On : 04 Apr 2019 06:08
 Operator : JC/SP
 Sample : K2246-03
 Misc : 5.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF150

Manual Integrations
 APPROVED

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 4/4/2019 11:40:19 AM

Quant Time: Apr 04 08:55:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 07:55:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	637199	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	622418	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	307233	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	165772	32.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.66%
7) Chloroethane-d5	1.64	69	108683m	26.74	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	53.48%#
11) 1,1-Dichloroethene-d2	2.23	63	257383	26.46	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.92%#
21) 2-Butanone-d5	4.19	46	341741	70.89	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.89%
24) Chloroform-d	4.64	84	304501	34.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.92%#
26) 1,2-Dichloroethane-d4	5.30	65	204377	35.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.70%
32) Benzene-d6	5.33	84	649187	36.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.74%
36) 1,2-Dichloropropane-d6	6.32	67	225759	36.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.94%
41) Toluene-d8	7.56	98	570669	35.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.20%#
43) trans-1,3-Dichloropropene-	7.85	79	94121	32.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.56%
47) 2-Hexanone-d5	8.32	63	247023	74.64	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	329810	37.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	220441	35.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.62%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.68	84	16787	3.123	ug/L	86
34) Trichloroethene	6.18	95	32658	6.270	ug/L	98
46) Tetrachloroethene	8.22	164	721936	198.442	ug/L	98

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

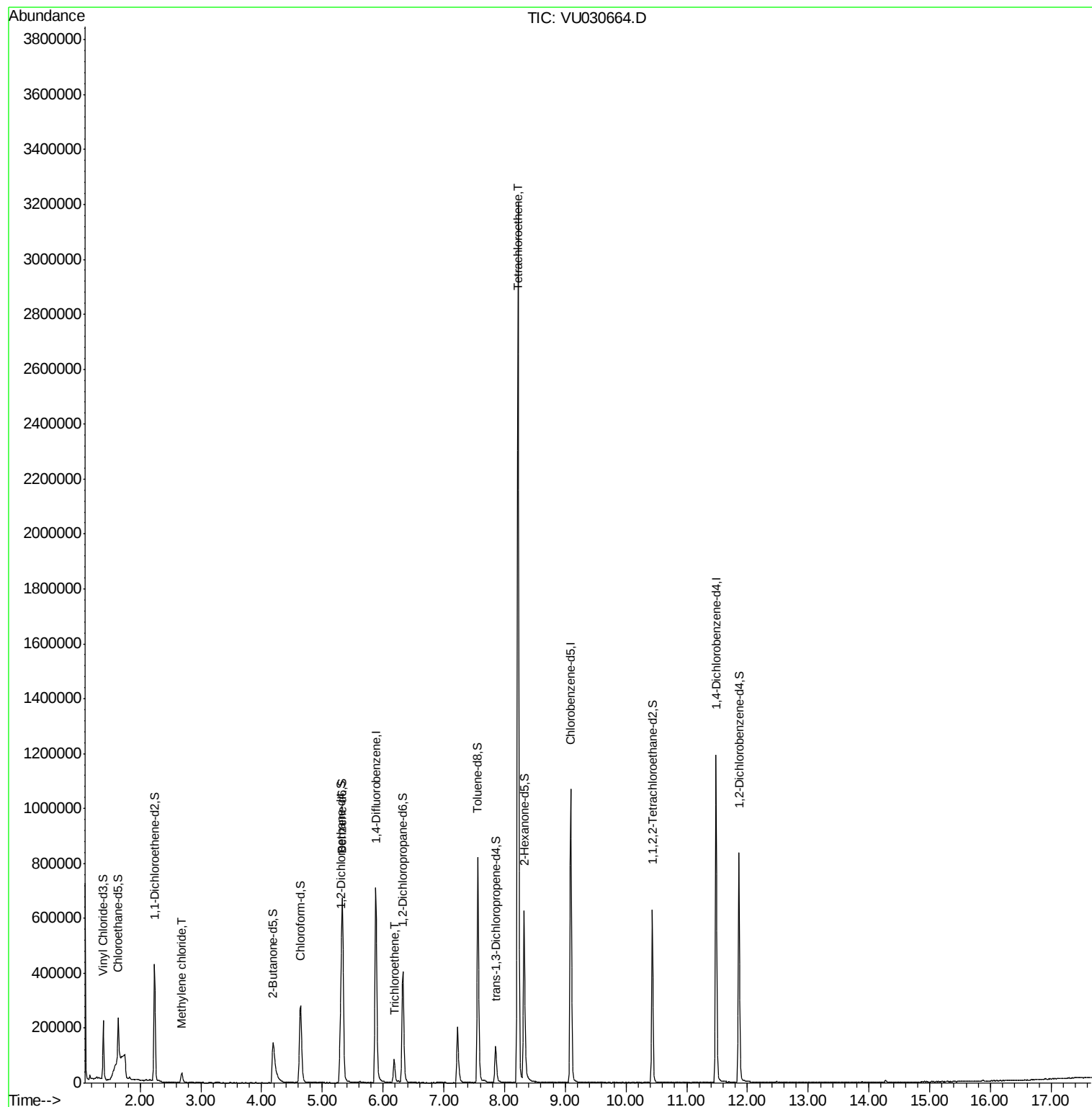
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040419\
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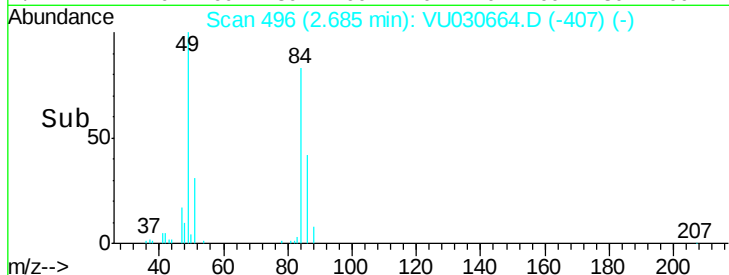
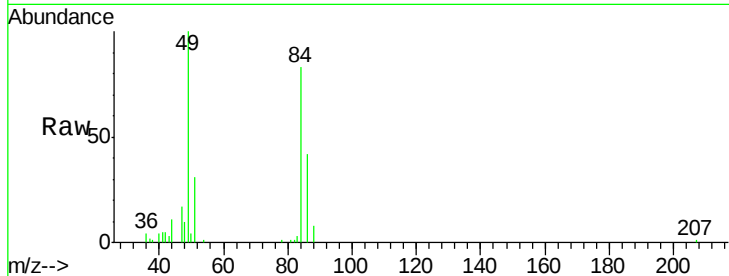
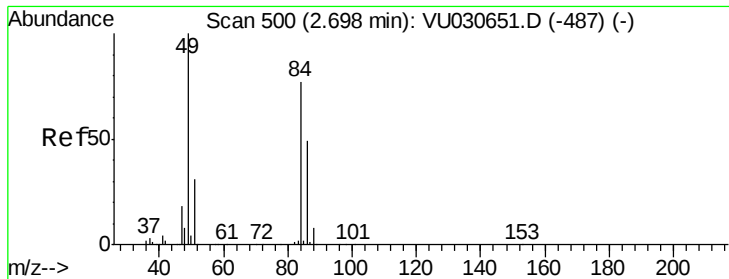
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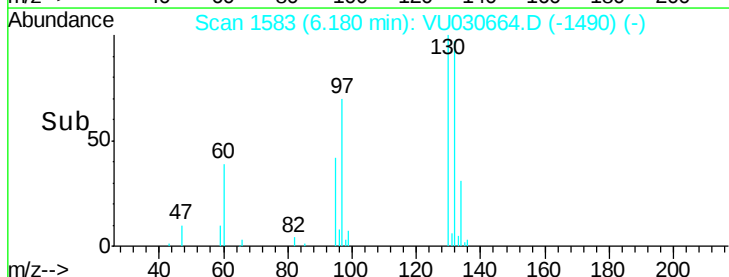
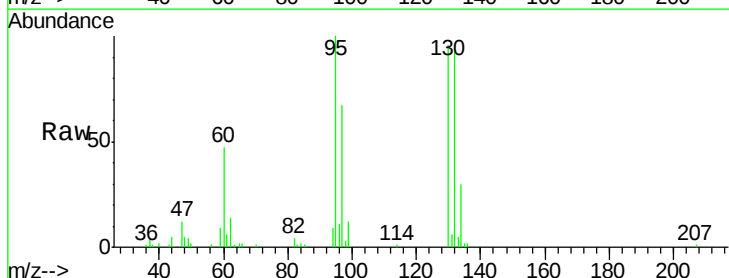
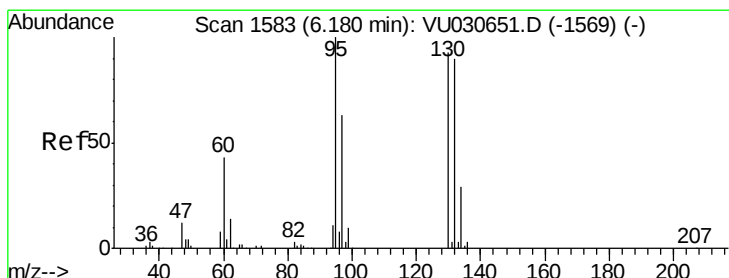
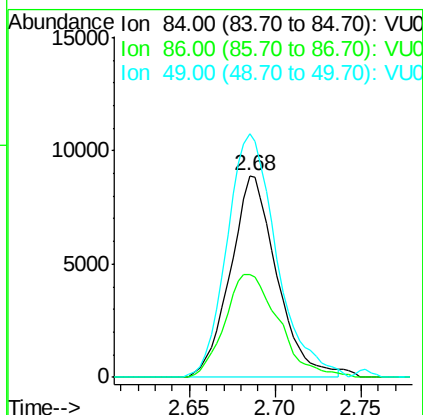
#16
Methvlene chloride
Concen: 3.123 ug/L
RT: 2.68 min Scan# 496
Delta R.T. -0.01 min
Lab File: VU030664.D
Acq: 04 Apr 2019 06:08

Tot Ion	84	Resp	16787
Ion Ratio	100	Lower	Upper
84	100		
86	50.7	44.3	82.3
49	120.6	94.9	176.3

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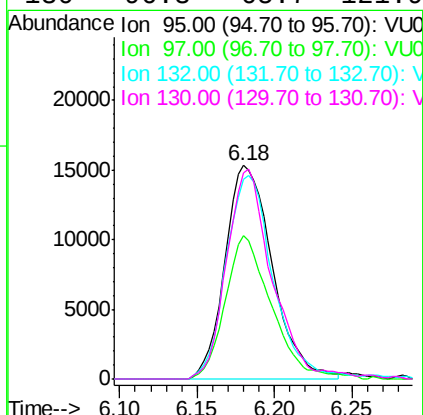
Manual Integrations
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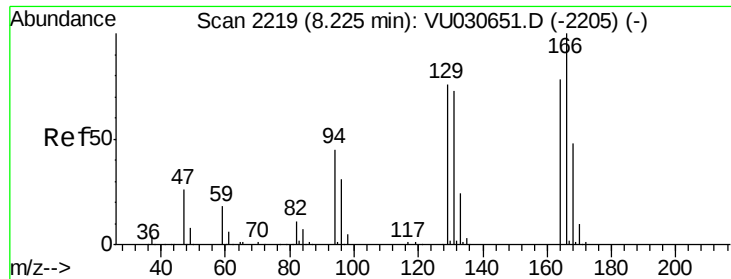
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#34
Trichloroethene
Concen: 6.270 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU030664.D
Acq: 04 Apr 2019 06:08

Tgt Ion	95	Resp	32658
Ion Ratio	100	Lower	Upper
95	100		
97	67.0	45.7	84.9
132	93.3	63.8	118.4
130	96.3	65.7	121.9





#46
 Tetrachloroethene
 Concen: 198.442 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU030664.D
 Acq: 04 Apr 2019 06:08

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Tot Ion	Ratio	Resp	Lower	Upper
164	100	721936		
129	98.0		68.1	126.5
131	95.2		67.7	125.7
166	127.7		92.4	171.6

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