

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030666.D
 Acq On : 04 Apr 2019 06:53
 Operator : JC/SP
 Sample : K2246-05
 Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF152

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 11:47:40 AM

Quant Time: Apr 04 09:02:21 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	755852	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	735467	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	361323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	222417	36.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.12%
7) Chloroethane-d5	1.64	69	151465m	31.41	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.82%#
11) 1,1-Dichloroethene-d2	2.24	63	341642	29.61	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.22%#
21) 2-Butanone-d5	4.19	46	448742	78.47	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.47%
24) Chloroform-d	4.64	84	396508	37.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.66%
26) 1,2-Dichloroethane-d4	5.30	65	265750	38.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.50%
32) Benzene-d6	5.33	84	846804	40.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.30%
36) 1,2-Dichloropropane-d6	6.32	67	290542	40.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.52%
41) Toluene-d8	7.56	98	740081	39.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.14%#
43) trans-1,3-Dichloropropene-	7.85	79	123748	36.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.94%
47) 2-Hexanone-d5	8.32	63	315785	80.76	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	424532	41.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	285920	39.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.98%#

Target Compounds					Ovalue
16) Methylene chloride	2.69	84	3592	0.563 ug/L #	81
46) Tetrachloroethene	8.22	164	62553	14.551 ug/L	95

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

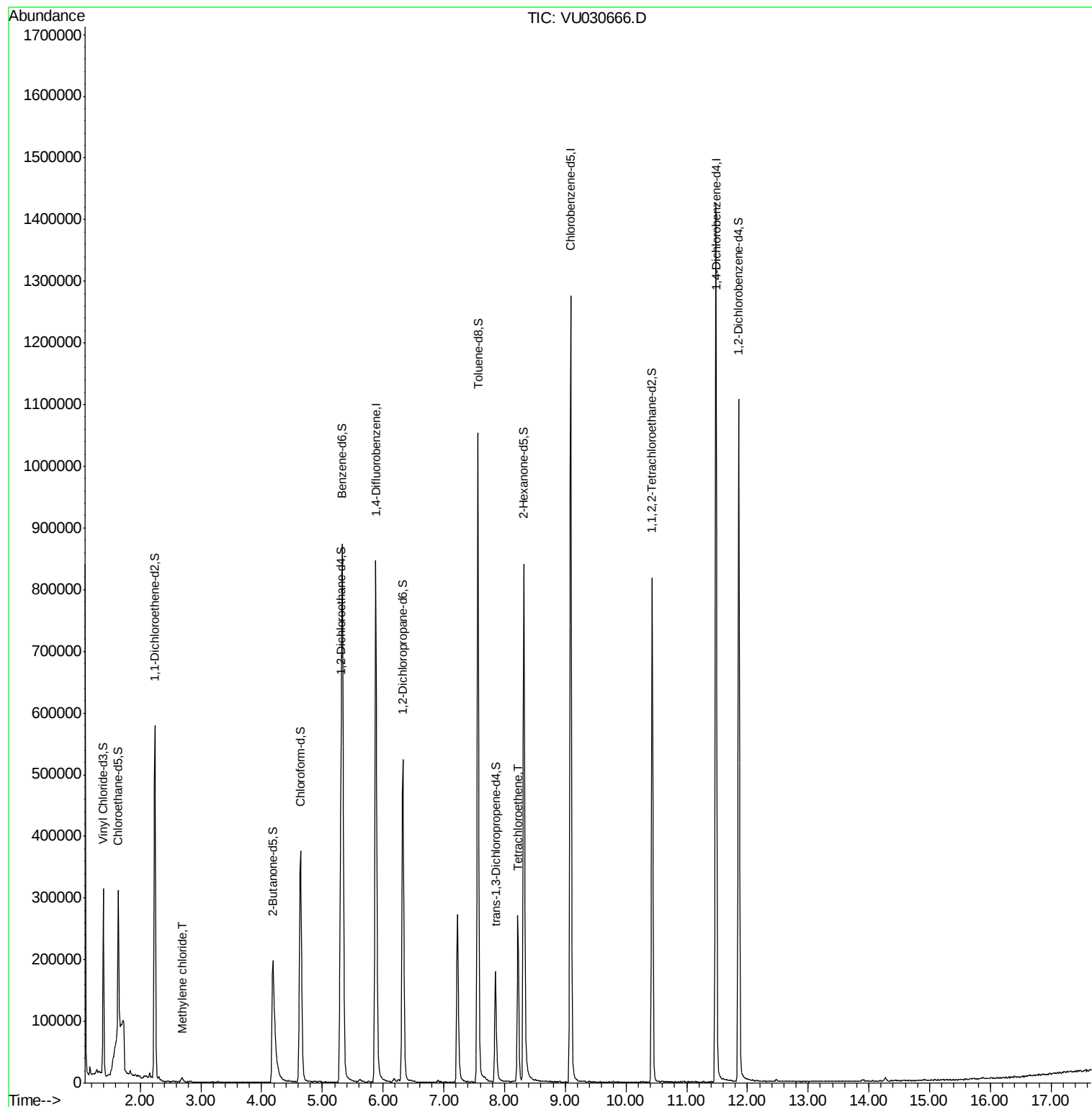
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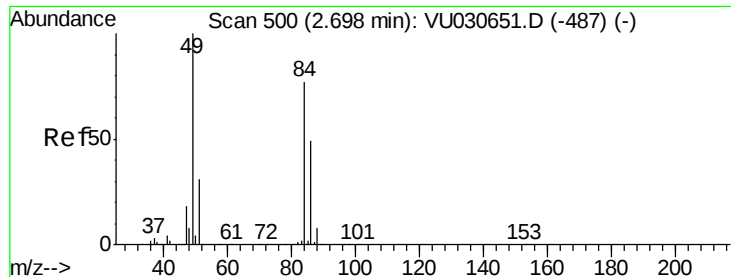
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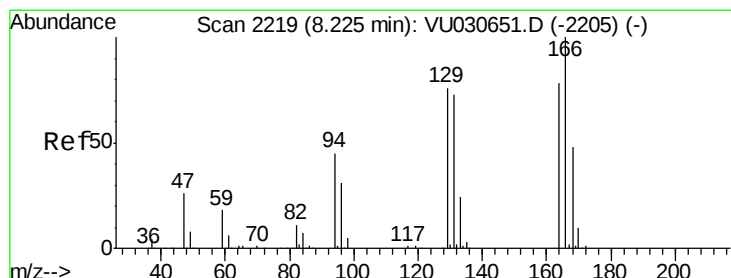
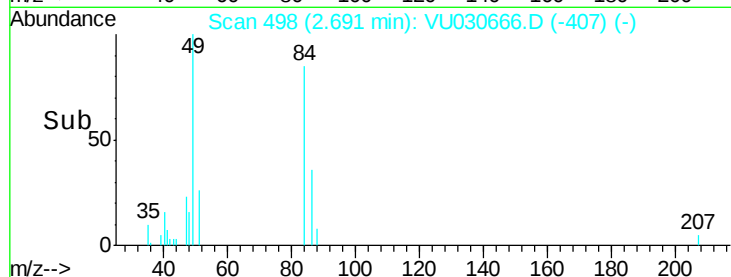
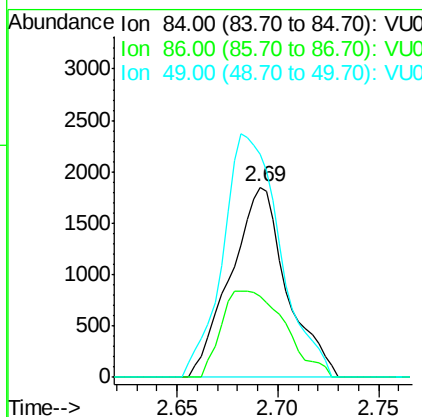
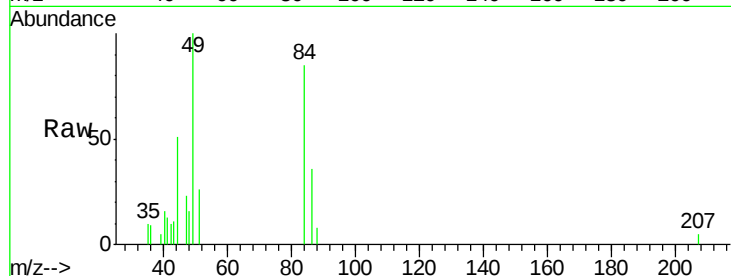
#16
Methvlene chloride
Concen: 0.563 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.01 min
Lab File: VU030666.D
Acq: 04 Apr 2019 06:53

Instrument :
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Tot Ion	Ratio	Lower	Upper
84	100		
86	42.4	44.3	82.3#
49	117.2	94.9	176.3

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#46
Tetrachloroethene
Concen: 14.551 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030666.D
Acq: 04 Apr 2019 06:53

Tgt Ion	Ratio	Lower	Upper
164	100		
129	97.3	68.1	126.5
131	90.8	67.7	125.7
166	121.7	92.4	171.6

