

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030669.D
 Acq On : 04 Apr 2019 08:02
 Operator : JC/SP
 Sample : K2246-08
 Misc : 5.94g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF155

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 11:47:59 AM

Quant Time: Apr 04 09:14:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 08:36:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	500140	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	486329	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	226706	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	88402	21.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	43.92%#
7) Chloroethane-d5	1.64	69	59269m	18.58	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	37.16%#
11) 1,1-Dichloroethene-d2	2.24	63	128477	16.83	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	33.66%#
21) 2-Butanone-d5	4.19	46	137709	36.39	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	36.39%#
24) Chloroform-d	4.64	84	141808	20.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	40.90%#
26) 1,2-Dichloroethane-d4	5.31	65	99219	21.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	43.72%#
32) Benzene-d6	5.33	84	314841	22.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	45.14%#
36) 1,2-Dichloropropane-d6	6.32	67	103929	21.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	43.56%#
41) Toluene-d8	7.56	98	264331	21.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	42.20%#
43) trans-1,3-Dichloropropene-	7.85	79	43055	19.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	38.38%#
47) 2-Hexanone-d5	8.32	63	94639	36.60	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	36.60%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	148249	21.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	43.42%#
64) 1,2-Dichlorobenzene-d4	11.86	152	96037	21.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	42.28%#

Target Compounds					Ovalue
16) Methylene chloride	2.69	84	3715	0.881 ug/L	89
46) Tetrachloroethene	8.23	164	1849	0.650 ug/L	92

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

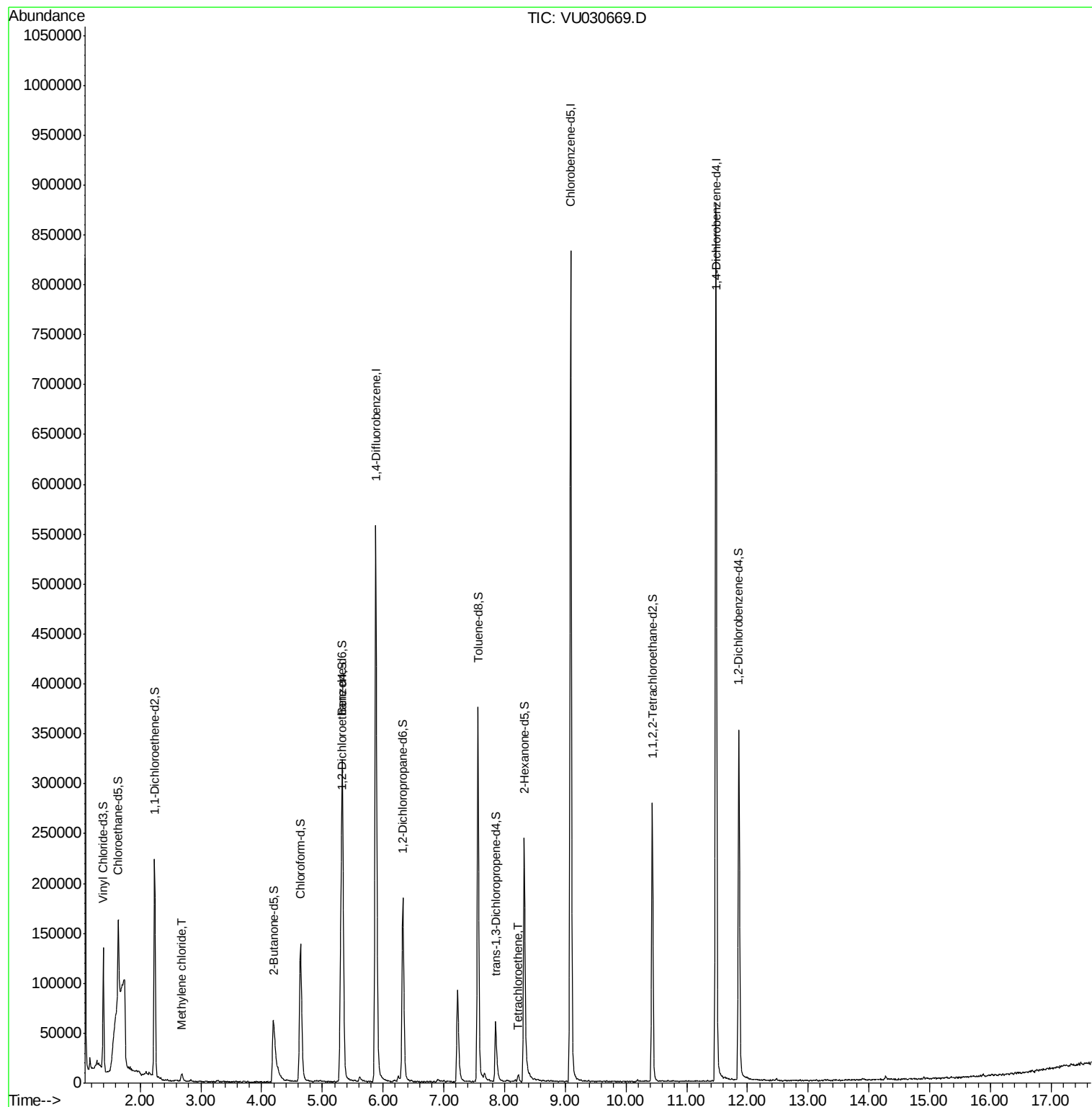
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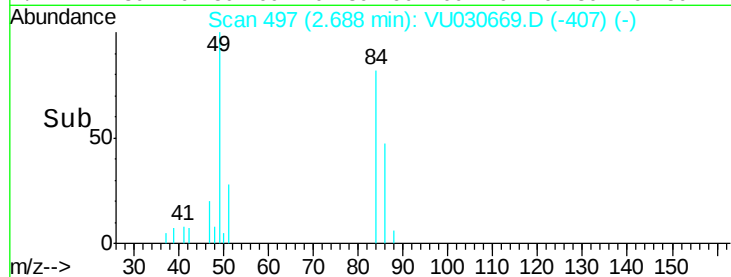
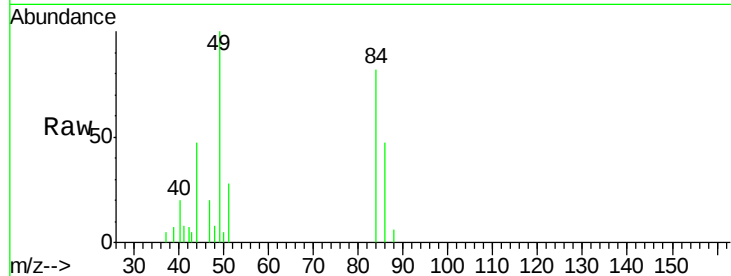
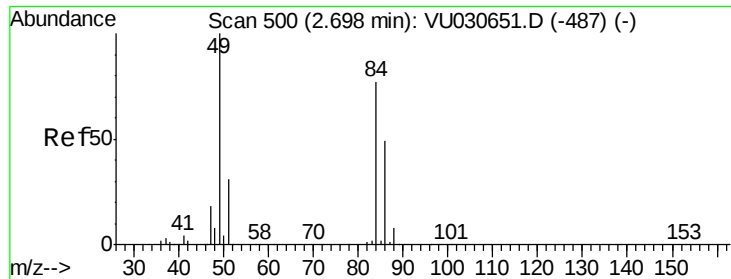
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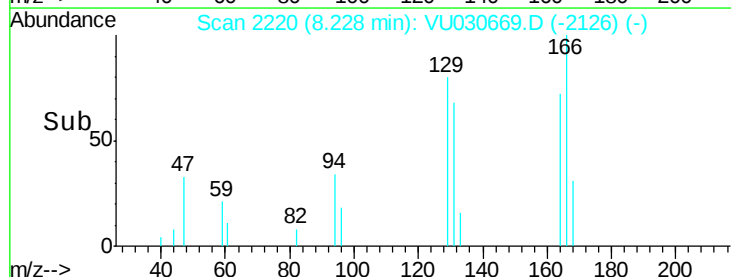
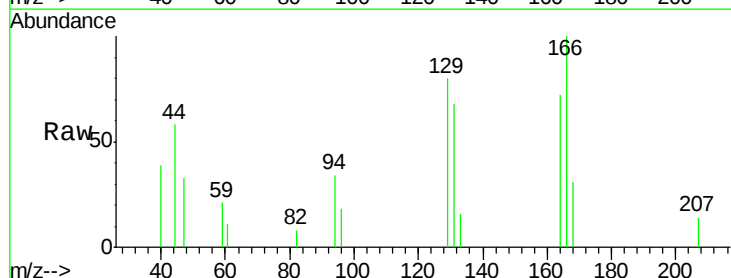
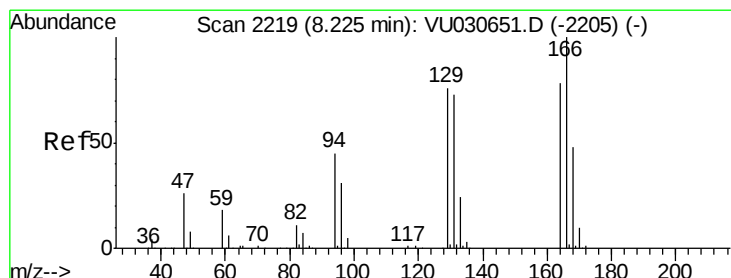
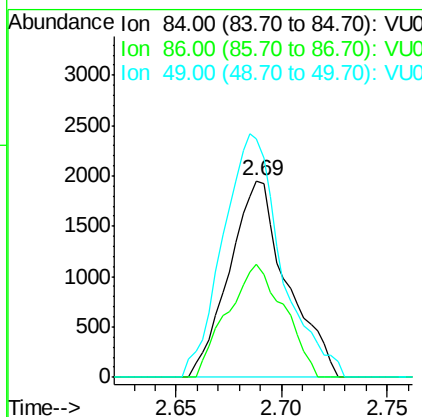
#16
Methvlene chloride
Concen: 0.881 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU030669.D
Acq: 04 Apr 2019 08:02

Tot Ion	Ratio	Lower	Upper
84	100		
86	57.3	44.3	82.3
49	121.4	94.9	176.3

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#46
Tetrachloroethene
Concen: 0.650 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU030669.D
Acq: 04 Apr 2019 08:02

Tgt Ion	Ratio	Lower	Upper
164	100		
129	111.8	68.1	126.5
131	94.3	67.7	125.7
166	139.4	92.4	171.6

