

Data File : VU034807.D
Acq On : 25 Sep 2019 16:50
Operator : JC/SP
Sample : K4984-05MEDL 200X
Misc : 5.30g/5mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDK9MEDL

Quant Time: Sep 26 04:45:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 04:40:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	452552	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	430461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	186838	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	211420	45.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.26%
7) Chloroethane-d5	1.67	69	177879	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.36%
11) 1,1-Dichloroethene-d2	2.36	63	257	0.03	ug/L	0.10
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.15	46	378250	106.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.53%
24) Chloroform-d	4.62	84	351382	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.34%
26) 1,2-Dichloroethane-d4	5.29	65	241211	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
32) Benzene-d6	5.32	84	737180	55.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.50%
36) 1,2-Dichloropropane-d6	6.31	67	257956	55.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.62%
41) Toluene-d8	7.54	98	704577	55.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.02%
43) trans-1,3-Dichloropropene-	7.83	79	112594	50.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.82%
47) 2-Hexanone-d5	8.29	63	255489	109.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.08%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	340187	52.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.14%
64) 1,2-Dichlorobenzene-d4	11.84	152	233300	59.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.10%

Target Compounds

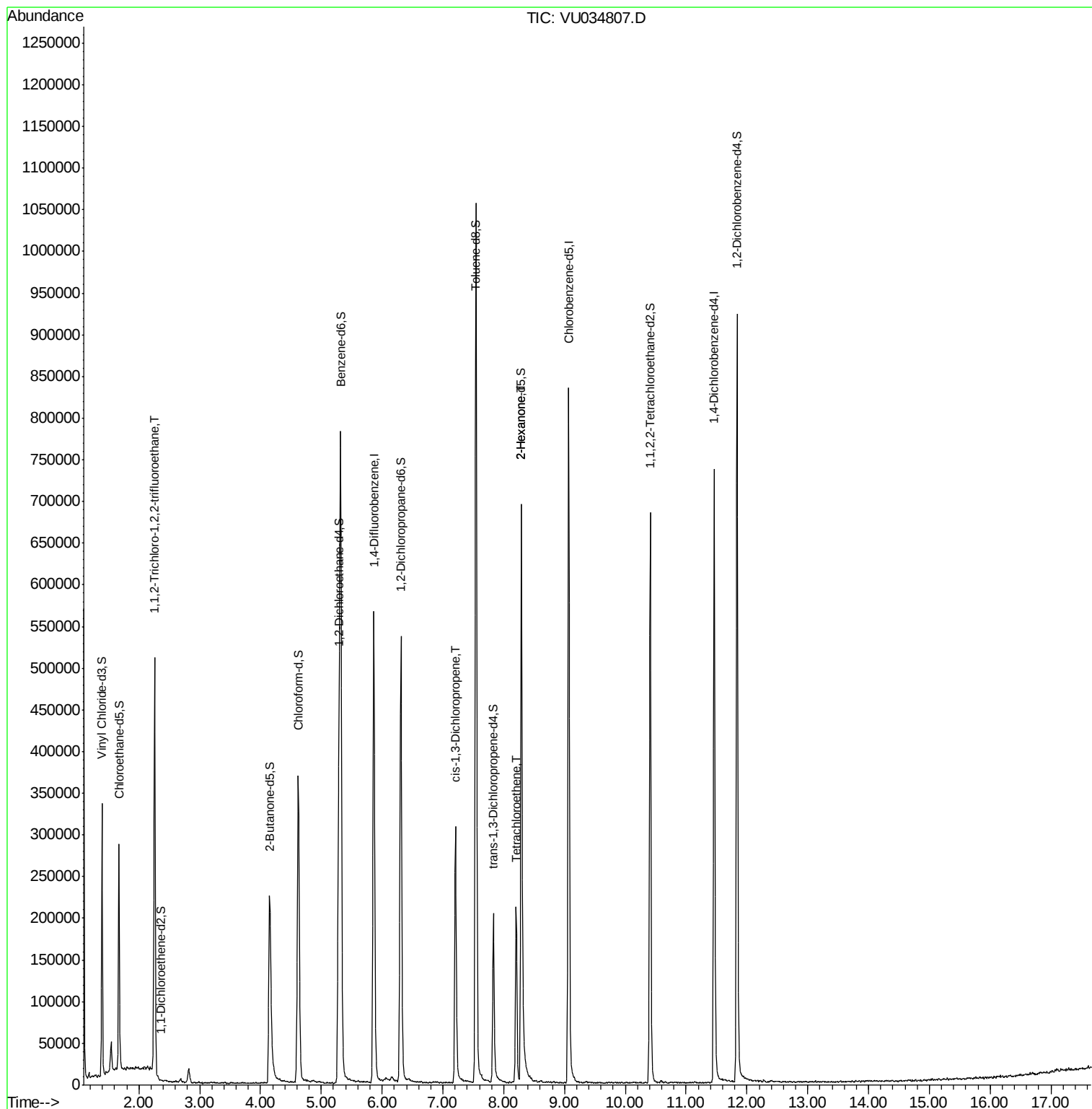
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	2548	0.826	ug/L #	25
39) cis-1,3-Dichloropropene	7.21	75	7794	1.167	ug/L #	78
46) Tetrachloroethene	8.21	164	42769	16.491	ug/L	93
48) 2-Hexanone	8.29	43	30333	4.576	ug/L #	74

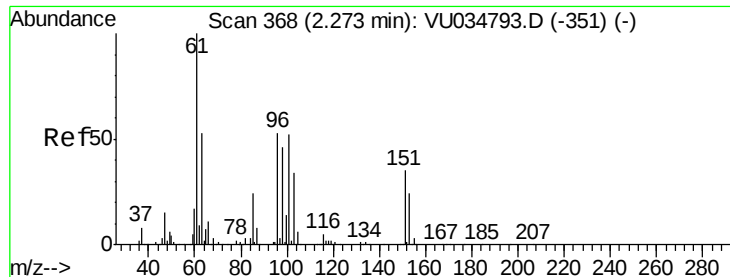
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.826 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

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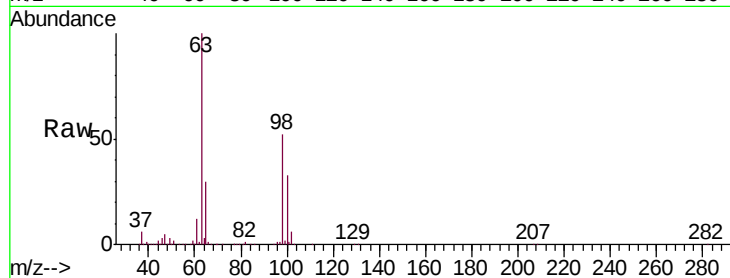
Tgt Ion:101 Resp: 2548

Ion Ratio Lower Upper

101 100

85 4.5 39.0 58.4#

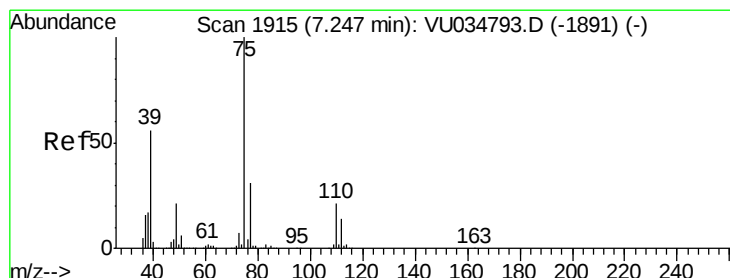
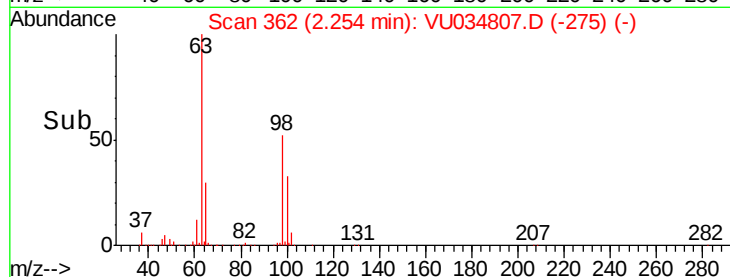
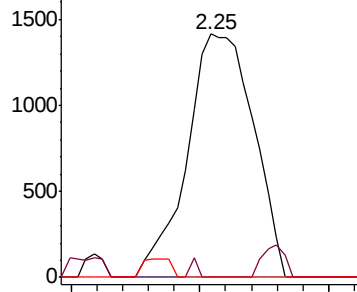
151 0.0 52.8 79.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#39

cis-1,3-Dichloropropene

Concen: 1.167 ug/L

RT: 7.21 min Scan# 1902

Delta R.T. -0.04 min

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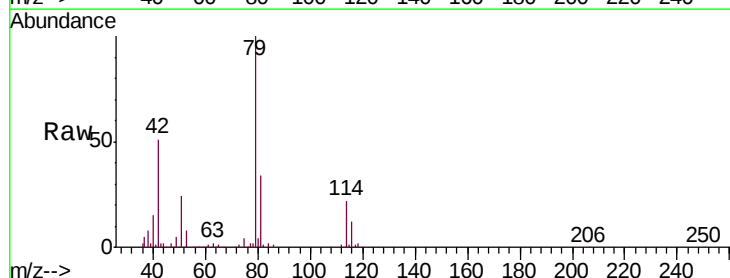
Acq: 25 Sep 2019 16:50

Tgt Ion: 75 Resp: 7794

Ion Ratio Lower Upper

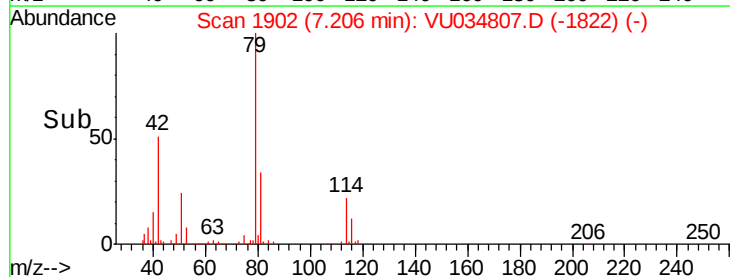
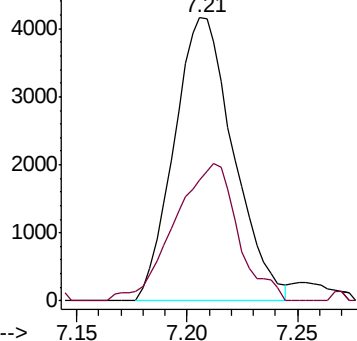
75 100

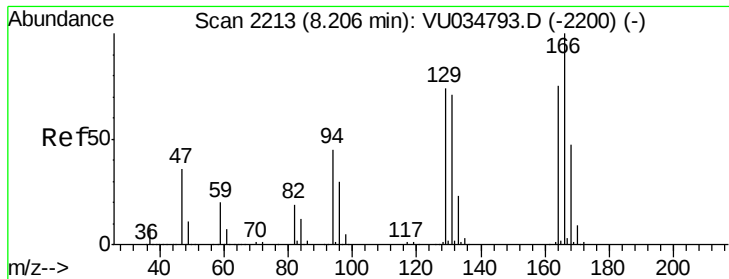
77 42.5 21.4 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

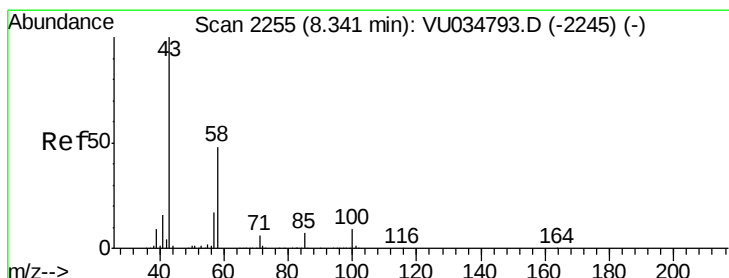
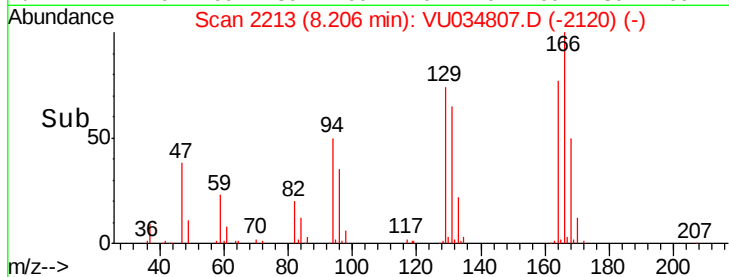
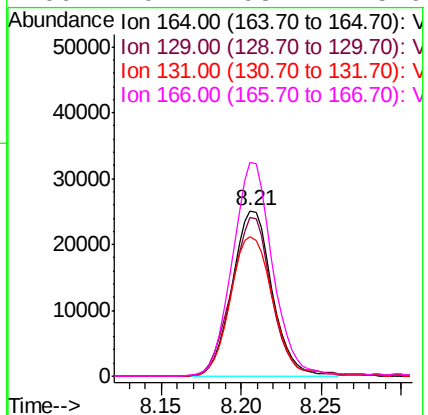
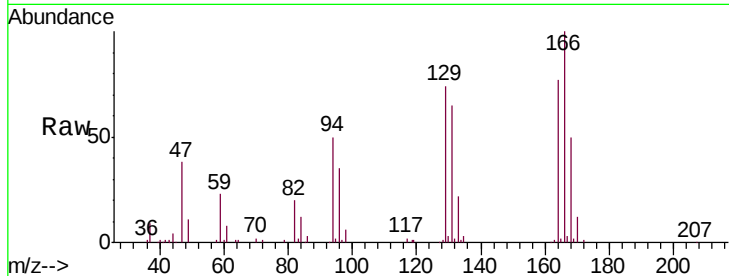




#46
Tetrachloroethene
Concen: 16.491 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
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Tgt Ion:	164	Resp:	42769
Ion	Ratio	Lower	Upper
164	100		
129	95.8	71.9	133.5
131	84.4	66.3	123.1
166	129.1	93.4	173.6



#48
2-Hexanone
Concen: 4.576 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
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Tgt Ion:	43	Resp:	30333
Ion	Ratio	Lower	Upper
43	100		
58	23.1	35.3	52.9#
57	19.1	12.1	18.1#
100	0.0	6.2	9.4#

