

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\
 Data File : VU031467.D
 Acq On : 24 Apr 2019 13:48
 Operator : JC/SP
 Sample : K2517-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHY6

Quant Time: Apr 25 06:21:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 06:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	359386	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	334249	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	139089	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	137373	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.68	69	107777	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.27	63	196656	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.21	46	402305	52.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.30%
24) Chloroform-d	4.64	84	220369	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.31	65	125109	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.33	84	454506	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.33	67	151743	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.56	98	378099	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.85	79	53319	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.31	63	283513	49.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116655	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	127693	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

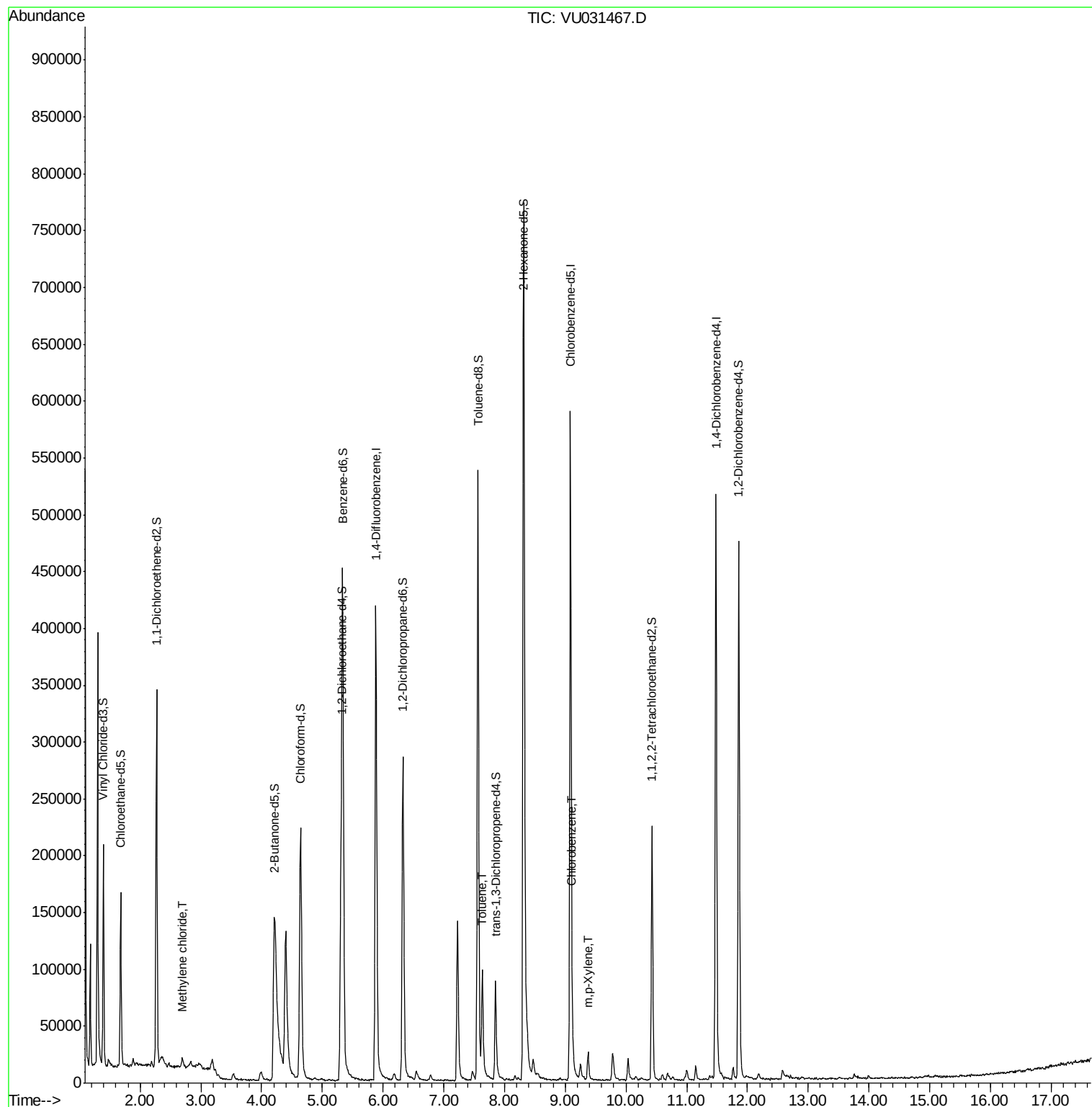
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.70	84	3367	0.119	ug/L	87
42) Toluene	7.64	91	70104	0.676	ug/L	94
51) Chlorobenzene	9.12	112	13929	0.221	ug/L	97
53) m,p-Xylene	9.37	106	7426	0.189	ug/L	100

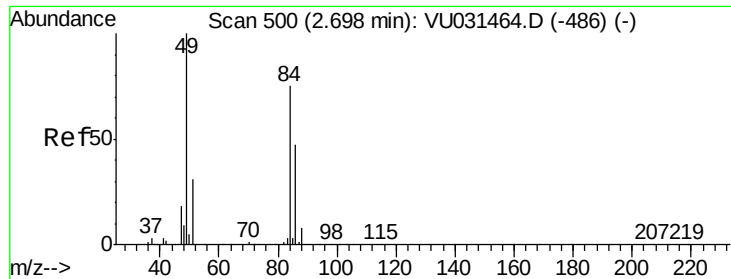
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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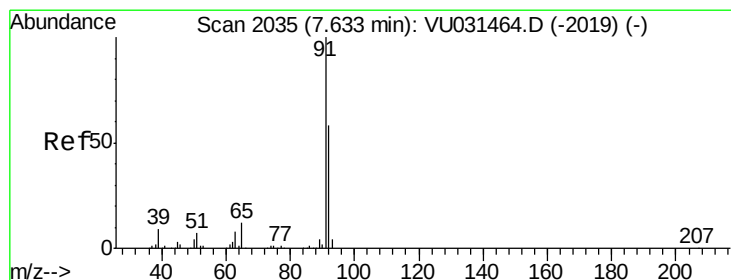
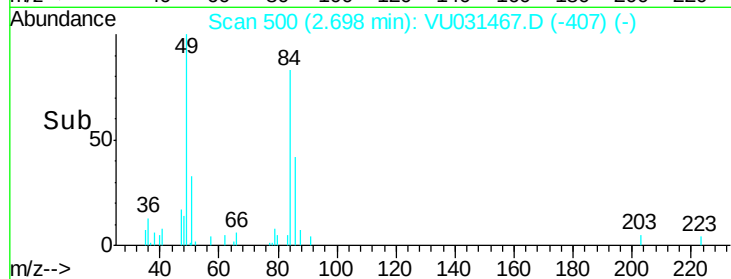
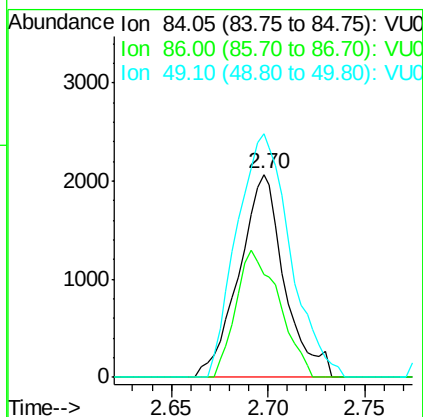
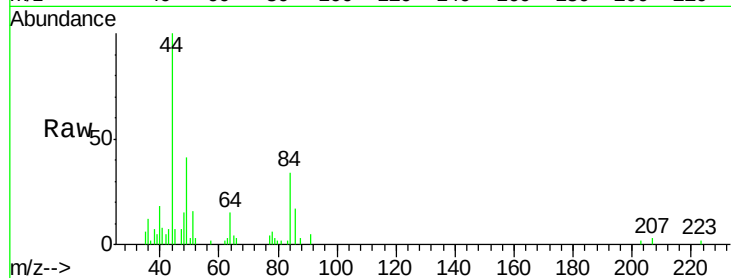




#16
Methvlene chloride
Concen: 0.119 ug/L
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU031467.D
Acq: 24 Apr 2019 13:48

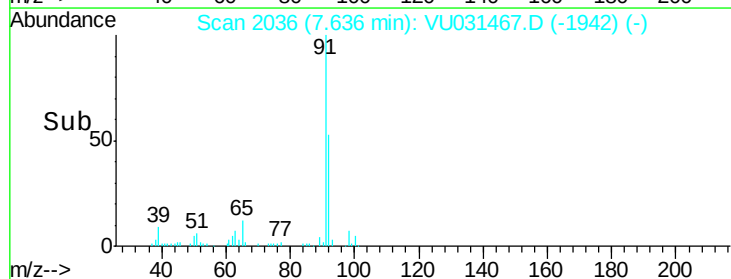
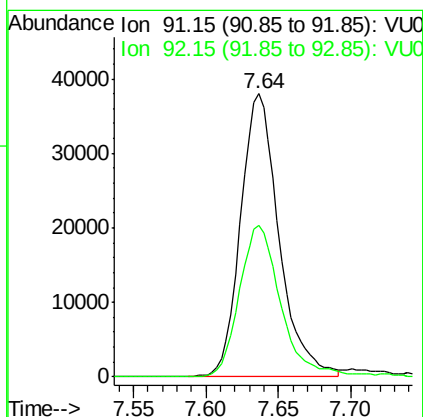
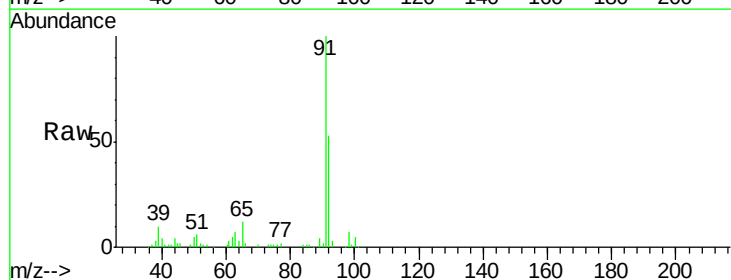
Instrument :
MSVOA_U
ClientSampleId :
GAHY6

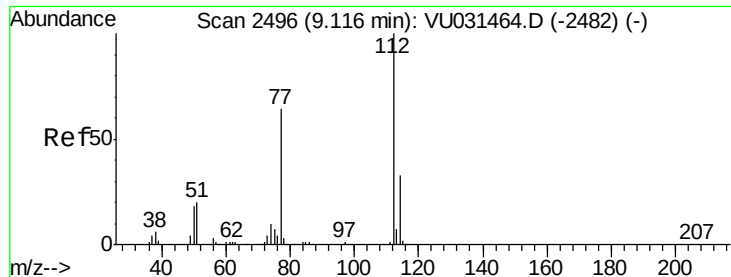
Tot Ion: 84 Resp: 3367
Ion Ratio Lower Upper
84 100
86 50.5 44.9 83.5
49 119.8 92.9 172.5



#42
Toluene
Concen: 0.676 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU031467.D
Acq: 24 Apr 2019 13:48

Tgt Ion: 91 Resp: 70104
Ion Ratio Lower Upper
91 100
92 53.4 40.7 75.5

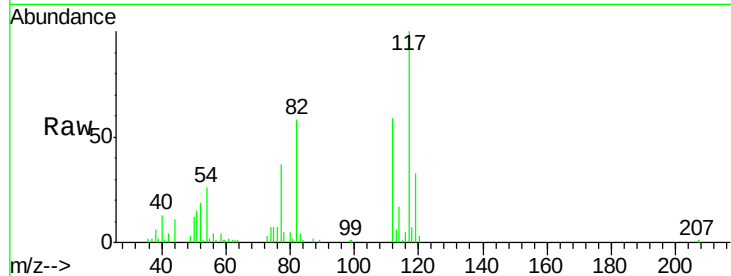




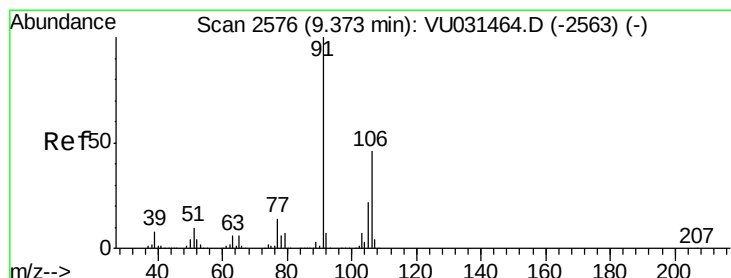
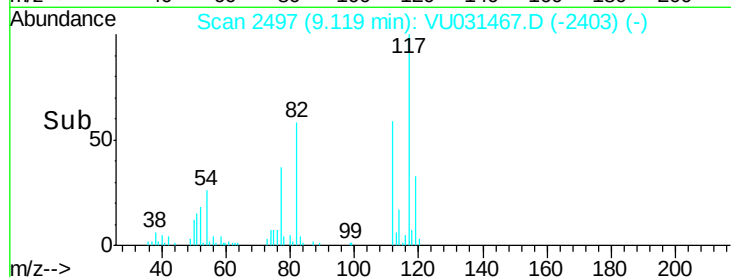
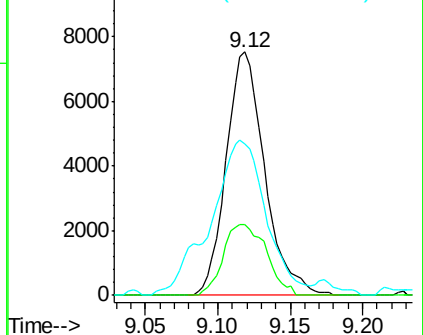
#51
Chlorobenzene
Concen: 0.221 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU031467.D
Acq: 24 Apr 2019 13:48

Instrument :
MSVOA_U
ClientSampleId :
GAHY6

Tot Ion:112 Resp: 13929
Ion Ratio Lower Upper
112 100
114 29.0 21.9 40.7
77 62.4 48.9 73.3

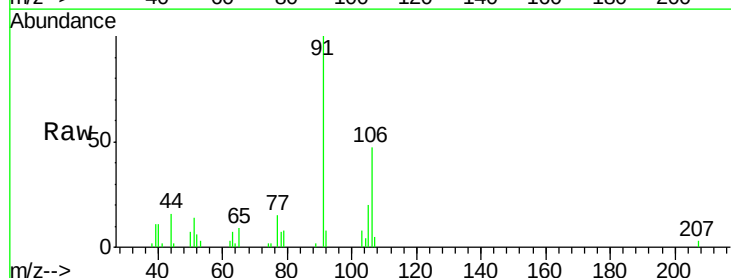


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V



#53
m,p-Xylene
Concen: 0.189 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU031467.D
Acq: 24 Apr 2019 13:48

Tgt Ion:106 Resp: 7426
Ion Ratio Lower Upper
106 100
91 210.6 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): V

